Baseline Water Quality Data

Inventory and Analysis

Gateway National Recreation Area



Water Resources Division and Servicewide Inventory and Monitoring Program

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National Park Service - Department of the Interior
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BASELINE WATER QUALITY DATA

INVENTORY AND ANALYSIS

GATEWAY NATIONAL RECREATION AREA

National Park Service
Water Resources Division
Fort Collins, CO 80525

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EXECUTIVE SUMMARY

This document presents the results of surface-water-quality data retrievals for Gateway National Recreation Area (GATE) from six of the United States Environmental Protection Agency's (EPA) national databases: (1) Storage and Retrieval (STORET) water quality database management system; (2) River Reach File (RF3); (3) Industrial Facilities Discharge (IFD); (4) Drinking Water Supplies (DRINKS); (5) Water Gages (GAGES); and (6) Water Impoundments (DAMS). This document is one product resulting from a cooperative contractual endeavor between the National Park Service's (NPS) Servicewide Inventory and Monitoring Program, the National Park Service's Water Resources Division (WRD), and Horizon Systems Corporation to retrieve, format, and analyze surface water quality data for all units of the National Park System containing significant water resources. The primary goal of the project is to provide descriptive water quality information in a manner and format that is both consistent with the goals of the Servicewide Inventory and Monitoring Program and useable by park resource managers. The document provides: (1) a complete inventory of all retrieved water quality parameter data, water quality stations, and the entities responsible for the data collection; (2) descriptive statistics and appropriate graphical plots of water quality data characterizing period of record, annual, and seasonal central tendencies and trends; (3) a comparison of the park's water quality data to relevant EPA and WRD water quality screening criteria; and (4) an Inventory Data Evaluation and Analysis (IDEA) to determine what Servicewide Inventory and Monitoring Program "Level I" water quality parameters have been measured within the study area. Accompanying the report are disks containing digital copies of all data used in the report, as well as all components of the report (tables, figures, etc.).

The results of the retrievals for the study area from the IFD, DRINKS, GAGES, and DAMS databases located 22 industrial/municipal dischargers; no drinking water intakes; two active or inactive U. S. Geological Survey (USGS) well gages; and three water impoundments. The results of the STORET retrieval for the study area yielded 270,092 observations for 415 separate parameters collected by the NPS, USGS, EPA, U. S. Army Corps of Engineers, New Jersey Department of Environmental Protection, New York Department of Environmental Conservation, and the Interstate Sanitation Commission at 441 monitoring stations from 1918 through 1996. Approximately 49 percent of the observations in the study area were reported by the New Jersey Department of Environmental Protection. Of the 441 stations, 59 stations within the study area (17 within the park boundary) were established in STORET but contained no data and one station within the park boundary was established but contained no data appropriate for statistical analysis. One-hundred-fifty stations were located within the park boundary (see Station Period of Record Tabulation). Of the 150 stations within the park boundary, 75 were within the Jamaica Bay and Breezy Point Units; 51 were within the Sandy Hook Unit; and 24 were within the Staten Island Unit.

Most of the monitoring stations represent either one-time or intensive single-year sampling efforts by the collecting agencies. One-hundred-forty stations within the study area (37 within the park boundary) yielded longer-term records consisting of multiple observations for several important water quality parameters (see Station Period of Record Tabulation). The stations yielding the longest-term records within the park boundary are: (1) Canarsie Pier (GATE 0090); (2) Great Kills (GATE 0425); (3) New Dorp Beach (GATE 0416); (4) Grassy Bay (GATE 0012); (5) New Jersey Beaches (GATE 0166); (6) Shrewsbury River at Route 36 (GATE 0168); and (7) Sandy Hook Bay Coast Guard Station (GATE 0282). The stations yielding the longest-term records within the study area, but outside of the park boundary, are: (1) Navesink River (GATE 0297); (2) Navesink River (GATE 0215); (3) Navesink River (GATE 0220); (4) Navesink River (GATE 0260); (5) Navesink River (GATE 0273); (6) Navesink River (GATE 0244); and (7) Navesink River (GATE 0186)[†].

Screening criteria consisting of published EPA water-quality criteria and instantaneous concentration values selected by the WRD were used to identify potential water quality problems within the study area. While the criteria represent important threshold concentrations of pollutants, it is important to remember that criteria may have been exceeded due to any number of natural or anthropogenic factors, including errors in field, laboratory,

[†]Water quality station location descriptions are verbatim from STORET. Any misspellings and abbreviations in STORET are replicated in this document.

and/or recording procedures. The reader is advised to read the Introduction for additional caveats in interpreting the exceeded criteria in this report. The results of the GATE water quality criteria screen found 18 groups of parameters that exceeded screening criteria at least once within the study area. Dissolved oxygen, pH, cadmium, copper, lead, mercury, silver, and zinc exceeded their respective EPA criteria for the protection of freshwater aquatic life. Dissolved oxygen, pH, chlorine, cadmium, copper, lead, mercury, nickel, silver, and zinc exceeded their respective EPA criteria for the protection of marine aquatic life. Antimony, beryllium, cadmium, lead, mercury, nickel, bis(2-ethylhexyl) phthalate, and tetrachloroethylene exceeded their respective EPA drinking water criteria. Fecal-indicator bacteria concentrations (total coliform, fecal coliform, and enterococci) and turbidity exceeded the WRD screening limits for freshwater and marine water bathing, and aquatic life, respectively.

Dissolved oxygen concentrations were measured 17,741 times at 146 monitoring stations from 1918 through 1996. Of the 13,171 observations used in the criteria analysis (see Composite Type Screen in the Methodology for explanation), 2,904 observations at 73 stations throughout the study area were less than or equal to the 4 milligrams per liter (mg/L) EPA criterion for the protection of aquatic life.

The pH was measured 10,325 times at 127 monitoring stations from 1963 through 1996. Of the 5,107 observations used in the criteria analysis (see Remark Code and Composite Type Screens in the Methodology for explanation), 374 observations at 53 stations were outside the pH ranges of 6.5 to 8.5 standard units (SU) (EPA chronic criteria for marine aquatic life) and 6.5 to 9.0 SU (EPA chronic criteria for freshwater aquatic life). Three-hundred-twenty observations from 37 marine stations were greater than or equal to pH 8.5. Approximately 80 percent of the observations which exceeded or equaled a pH of 8.5 SU were reported from 20 marine stations in Jamaica Bay from 1980 through 1996. The highest reported pH was 11.3 SU in the Atlantic Ocean off the western tip of the Rockaway Peninsula (GATE 0140) in February 1987. Fifty-four observations were less than or equal to pH 6.5. Approximately 56 percent of the observations less than or equal to pH 6.5 were reported from 15 marine stations in Jamaica Bay from 1973 through 1994, including the lowest pH of 4.5 SU in Grassy Bay (GATE 0012) in June 1994. One non-marine station, a spring in Highlands (GATE 0241), recorded three observations less than 6.5 SU from 1973 through 1975.

Turbidity was measured 2,736 times at 57 monitoring stations from 1964 through 1986. Fifty-three observations at eight stations, in the Hudson River (GATE 0401), the Sandy Hook area (GATE 0168, GATE 0169, GATE 0206, GATE 0246, GATE 0374), and Coney Island Creek (GATE 0210, GATE 0211), exceeded the WRD screening criterion of 50 turbidity units (JTU/FTU/NTU). Approximately seventy-seven percent of the observations exceeding the criterion were reported from the Hudson River (GATE 0401) in 1965. The highest reported value was 200 JTU at North Beach in the Sandy Hook Unit (GATE 0246) in April 1976.

Total coliform concentrations were measured 24,680 times at 289 monitoring stations from 1953 through 1996. Of the 24,432 observations used in the criteria analysis (see Remark Code Screen in the Methodology and EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), 5,670 observations at 246 stations throughout the study area exceeded the WRD bathing water screening criterion of 1,000 Colony Forming Units/Most Probable Number per 100 milliliters (CFU/MPN/100 ml). Approximately 48 percent of the observations exceeding the criterion were reported in the area of The Narrows and Staten Island. The highest value of 1,900,000 CFU/100 ml was reported twice in Coney Island Creek at the Cropsey Avenue Bridge (GATE 0210, GATE 0211) in October 1986. Fecal coliform concentrations were determined 23,990 times at 282 monitoring stations from 1962 through 1996. Of the 23,745 observations used in the criteria analysis (see Remark Code Screen in the Methodology and EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), 4,421 observations at 238 stations throughout the study area exceeded the WRD bathing water screening criterion of 200 CFU/MPN/100 ml. Approximately 66 percent of the observations exceeding the criterion were reported in the area of The Narrows and Staten Island. The highest value of 720,000 CFU/100 ml was reported twice in Coney Island Creek at the Cropsey Avenue Bridge (GATE 0210, GATE 0211) in July 1986. Enterococci concentrations were determined 1,205 times at 17 marine stations from 1984 through 1996. Eight concentrations at five stations, at the Long Island Beaches (GATE 0007, GATE 0026, GATE 0057, GATE 0069) and in the Sandy Hook Unit (GATE 0201), exceeded the WRD marine water bathing screening criterion of 35 CFU/100 ml. Six of the eight concentrations exceeding this criterion were reported from Long Island Beaches northeast of the Breezy Point Unit (GATE 0007, GATE 0026, GATE 0057,

GATE 0069) from 1986 through 1991, including the highest value of 260 CFU/100 ml in the Holland area at the foot of B92nd Street (GATE 0026) in July 1991.

Chlorine concentrations (including total residual, free available, and combined available) were measured 959 times at nine monitoring stations from 1994 through 1996. Of the 496 observations used in the criteria analysis (see EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), 111 concentrations at nine stations, in Jamaica Bay (GATE 0010, GATE 0012, GATE 0034, GATE 0040, GATE 0043, GATE 0068, GATE 0082, GATE 0090) and Rockaway Inlet (GATE 0132), exceeded the acute marine criterion of 0.013 mg/L in 1994. Approximately 84 percent of the observations exceeding the criterion occurred at the eight stations in Jamaica Bay, including the highest reported value of 2.00 mg/L in Beach Channel offshore of Rockaway Park (GATE 0043) in September 1994.

Total antimony concentrations were measured 39 times at four monitoring stations, at the Long Island Coast (GATE 0071), in Coney Island Creek (GATE 0211, GATE 0212), and the Lower New York Bay (GATE 0391), from 1981 through 1991. Of the 14 observations used in the criteria analysis (see Remark Code Screen in the Methodology and EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), one concentration of 8 micrograms per liter (µg/L) in Coney Island Creek at the Cropsey Avenue Bridge (GATE 0212) exceeded the drinking water criterion of 6 µg/L in June 1986.

Total beryllium concentrations were measured 22 times at three monitoring stations, at the Long Island Coast (GATE 0071), in Coney Island Creek (GATE 0212), and the Lower New York Bay (GATE 0391), from 1981 through 1991. Of the 19 observations used in the criteria analysis[††], one concentration of 30.00 µg/L in Coney Island Creek at the Cropsey Avenue Bridge (GATE 0212) exceeded the drinking water criterion of 4.0 µg/L in June 1986.

Cadmium concentrations (including dissolved and total) were measured 807 times at 52 monitoring stations from 1970 through 1991. Of the 798 observations used in the criteria analysis (see Remark Code and Composite Type Screens in the Methodology for explanation), eight total concentrations in Coney Island Creek at the Cropsey Avenue Bridge (GATE 0212) exceeded the acute freshwater criterion of 3.9 µg/L and the drinking water criterion of 5.0 µg/L from October 1985 through October 1986. The highest reported value for this non-marine station was 120 µg/L in October 1985. Eight observations at five marine stations, in The Narrows (GATE 0360, GATE 0369), Sandy Hook area (GATE 0180, GATE 0299), and Coney Island Creek (GATE 0211), exceeded the acute marine criterion of 43 µg/L from 1971 through 1985. The highest reported value for these marine stations was 120 µg/L in Coney Island Creek at the Cropsey Avenue Bridge (GATE 0211) in October 1985[†††].

Copper concentrations (including dissolved and total) were measured 1,014 times at 64 monitoring stations from 1968 through 1994. Of the 983 observations used in the criteria analysis (see Remark Code and Composite Type Screens in the Methodology and EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), eight total concentrations at two non-marine stations (GATE 0206, GATE 0212) exceeded the acute freshwater criterion of 18 µg/L from 1977 through 1985. Seven of these eight concentrations were reported in Coney Island Creek at the Cropsey Avenue Bridge (GATE 0212) from 1984 through 1985, including the highest value from a non-marine station of 90 µg/L in August 1984. Seven-hundred-fifty-eight concentrations at 50 marine stations throughout the area exceeded the acute marine criterion of 2.9 µg/L. Approximately 52 percent of the observations exceeding this criterion were reported from 19 stations in

[††]Water quality observations collected at marine stations were excluded from the criteria analysis due to the absence of applicable marine criteria for this parameter.

[†††]Water quality criteria applied to the data at a particular station are based on the collecting agency's classification of the station (i.e. the station type) in STORET. Some agencies and/or programs have classified stations near the same location differently. For example, Coney Island Creek at the Cropsey Avenue Bridge is the site of both marine (GATE 0208, GATE 0211) and non-marine (GATE 0209, GATE 0210, GATE 0212) stations and, consequently, both marine and freshwater criteria are applied near the location.

Jamaica Bay and Rockaway Inlet from 1974 through 1987. The highest value of 735 µg/L was reported in the Lower New York Bay east of the Staten Island Unit in December 1976.

Lead concentrations (including dissolved and total) were measured 799 times at 52 monitoring stations from 1970 through 1991. Of the 792 concentrations used in the criteria analysis (see Remark Code and Composite Type Screens in the Methodology for explanation), nine total concentrations in Coney Island Creek at the Cropsey Avenue Bridge (GATE 0212) exceeded the drinking water criterion of 15 µg/L. Eight of these nine concentrations also exceeded the acute freshwater criterion of 82 µg/L. The highest reported value for a non-marine station, 200 µg/L, occurred six times in Coney Island Creek at the Cropsey Avenue Bridge (GATE 0212) from 1985 through 1986. Six total concentrations at three marine stations, south of Jacob Riis Park (GATE 0071), in Sandy Hook Bay (GATE 0299), and The Narrows (GATE 0360), exceeded the acute marine criterion of 220 µg/L from 1971 through 1981. Three of the six concentrations exceeding the acute marine criterion were reported in The Narrows at the Verrazano-Narrows Bridge (GATE 0360), including the highest value of 3,200 µg/L in March 1972.

Total mercury concentrations were measured 561 times at 53 monitoring stations from 1971 through 1991. Of the 555 observations used in the criteria analysis (see Remark Code Screen in the Methodology for explanation), two concentrations, 4.8 µg/L in June 1984 and 3.3 µg/L in October 1984, in Coney Island Creek at the Cropsey Avenue Bridge (GATE 0212) exceeded the drinking water criterion of 2.0 µg/L and the acute freshwater criterion of 2.4 µg/L. Five concentrations at four marine stations, in Jamaica Bay at the Gil Hodges Bridge (GATE 0101), Coney Island Creek at the Cropsey Avenue Bridge (GATE 0211), Sandy Hook Bay (GATE 0318), and in The Narrows at the Verrazano-Narrows Bridge (GATE 0358), exceeded the acute marine criterion of 2.1 µg/L from 1977 through 1984. The highest reported value of 6.6 µg/L occurred in Sandy Hook Bay at Buoy 17 (GATE 0318) in May 1978.

Nickel concentrations (including dissolved and total) were measured 781 times at 49 monitoring stations from 1970 through 1991. Of the 780 observations used in the criteria analysis (see Composite Type Screen in the Methodology for explanation), 14 concentrations, ranging from 100 µg/L to 290 µg/L, in Coney Island Creek at the Cropsey Avenue Bridge (GATE 0212) equaled or exceeded the drinking water criterion of 100 µg/L from 1984 through 1986. The highest value for a non-marine station, 290 µg/L, was reported from this station in August 1985. Forty-five concentrations at 18 marine stations exceeded the acute marine criterion of 75 µg/L from 1971 through 1986. Fifteen of these 45 concentrations were reported in Coney Island Creek at the Cropsey Avenue Bridge (GATE 0211) from 1984 through 1986, including the highest value for marine stations, 290 µg/L, in August 1985.

Silver concentrations (including dissolved and total) were measured 432 times at 18 monitoring stations from 1974 through 1991. Of the 292 observations used in the criteria analysis (see Remark Code Screen in the Methodology and EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), eight concentrations, ranging from 20 µg/L to 50 µg/L, in Coney Island Creek at the Cropsey Avenue Bridge (GATE 0212) exceeded the acute freshwater criterion of 4.1 µg/L from 1984 through 1986. The highest value for a non-marine station, 50 µg/L, was reported from this station in October 1985. Two-hundred-seventy-four concentrations at 15 marine stations exceeded the acute marine criterion of 0.12 µg/L from 1974 through 1987. Approximately 66 percent of the concentrations exceeding this criterion were reported from nine marine stations in Jamaica Bay and Rockaway Inlet (GATE 0021, GATE 0030, GATE 0038, GATE 0093, GATE 0101, GATE 0102, GATE 0121, GATE 0140, GATE 0144), including the highest value of 69 µg/L at the mouth of Bergen Basin (GATE 0038) in March 1986.

Zinc concentrations (including dissolved and total) were measured 786 times at 53 monitoring stations from 1968 through 1991. One total concentration of 140 µg/L in Coney Island Creek at the Cropsey Avenue Bridge (GATE 0212) exceeded the acute freshwater criterion of 120 µg/L in June 1984. One-hundred-forty-nine concentrations at 27 marine stations throughout the study area exceeded the acute marine criterion of 95 µg/L from 1968 through 1986. Approximately 46 percent of the observations exceeding the marine criterion occurred at eight stations in Jamaica Bay and Rockaway Inlet (GATE 0021, GATE 0030, GATE 0038, GATE 0093, GATE 0101, GATE 0102, GATE 0121, GATE 0140) from 1974 through 1982. The highest value of 710 µg/L was reported in The Narrows (GATE 0398) in April 1968.

Bis(2-ethylhexyl) phthalate concentrations were measured three times at three monitoring stations, in the Navesink River (GATE 0189), Sandy Hook Bay (GATE 0353), and The Narrows (GATE 0359), from 1976 through 1990. The single observation used in the criteria analysis[††], 19 µg/L reported in The Narrows at the Verrazano-Narrows Bridge (GATE 0359), exceeded the drinking water criterion of 6.0 µg/L in February 1976.

Tetrachloroethylene concentrations were measured 39 times at five monitoring stations, in the Navesink River (GATE 0189), Coney Island Creek (GATE 0211, GATE 0212), Sandy Hook Bay (GATE 0353), and The Narrows (GATE 0359), from 1976 through 1990. Of the 26 observations used in the criteria analysis (see Remark Code Screen in the Methodology for explanation), one concentration of 30 µg/L in June 1984 and one concentration of 5.0 µg/L in September 1984 in Coney Island Creek at the Cropsey Avenue Bridge (GATE 0212) equaled or exceeded the drinking water criterion of 5.0 µg/L.

The IDEA conducted for GATE indicates that STORET data exist for all 13 Level I parameter groups in the study area. For nine groups, less than 25 percent of the observations were recorded since 1985. Data for 11 groups were recorded at less than half of the 382 monitoring stations with data. Relative to other parameter groups, data were limited for the groups Alkalinity, Flow, and Sulfates/Total Dissolved Solids/Hardness. Results for 107 of the 126 EPA priority toxic pollutants (consisting of metals, organic parameters, and pesticides) were retrieved from STORET. Of the 382 monitoring stations with data, one station (GATE 0382) measured only PCB's in bottom deposits; one station (GATE 0011) measured only organic parameters; eight stations (GATE 0001, GATE 0003, GATE 0011, GATE 0054, GATE 0117, GATE 0262, GATE 0340, GATE 0375) measured only fish tissues; 51 stations measured only metals in bottom deposits; and 60 stations measured only bacteriological parameters. Of the 95,831 water quality observations measured within the four park units, 34,278 observations were reported within the Sandy Hook Unit; 33,724 observations were reported within the Jamaica Bay and Breezy Point Units; and 27,829 observations were reported within the Staten Island Unit. One station (GATE 0390) accounted for approximately 74 percent of the observations reported in the Staten Island Unit.

GATE is located in the densely populated and highly urbanized New York City/New Jersey metropolitan area. Surface water resources in the GATE study area include the Atlantic Ocean; Jamaica Bay, Upper and Lower New York Bays, Raritan Bay, and Sandy Hook Bay; the Navesink, Hudson, Shrewsbury, and other smaller rivers; and numerous marshes, estuaries, and creeks. Many of these water resources are influenced by tidal flow and contain fresh water and saline waters in transition. The data inventories and analyses contained in this report indicate that surface waters within the study area have been heavily impacted by human activities. Potential anthropogenic sources of contaminants include municipal and industrial wastewater discharges; urban runoff and combined sewer overflows during rain events; abandoned municipal and industrial dumps; landfill operations; construction activities; airport operations; barge and tanker traffic; recreational use; and U.S. military operations.

[††]Water quality observations collected at marine stations were excluded from the criteria analysis due to the absence of applicable marine criteria for this parameter.

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INTRODUCTION

The National Park Service's (NPS) Organic Act of 1916 states that the mission of the NPS is to promote and regulate the use of national parks, monuments, and other units "... to conserve the scenery and the natural and historic objects and wildlife therein and to provide for the enjoyment of the same in such a manner and by such means as will leave them unimpaired for the enjoyment of future generations." One task embodied by this mission is preserving and protecting water resources and water dependent environments in parks. Ensuring the integrity of park water quality, due to its importance in sustaining natural, aquatic park ecosystems and supporting human consumptive and recreational use, is fundamental to successfully addressing this task. The first step in ensuring the integrity of park water quality is defining historic and extant water quality.

This document represents one product of an ongoing effort by the NPS Water Resources Division (WRD) and the Servicewide Inventory and Monitoring Program to characterize baseline water quality using existing data at park units containing significant natural resources. This effort was initiated in 1993 by the award of a contract to Horizon Systems Corporation to retrieve, format, and analyze surface water quality data from the Environmental Protection Agency's (EPA) Storage and Retrieval (STORET) database system. The scope of work identified in the Request For Proposals outlined several sequential, interrelated project phases, including, but not limited to: (1) determining the water quality retrieval/query area around each park; (2) downloading and assessing the quality of the data from STORET; (3) generating basic water quality summary statistics and graphic plots; (4) reformatting water quality data for compatibility with the park-based Water Quality Data Management System presently under-development; and (5) providing recommendations concerning possible hardware, software, and personnel options for storing combined park databases in a centralized NPS water quality database. This report documents the results of phases one through four of this effort for this park unit.

Goal

The goal of this document is to provide descriptive water quality information in a format usable for park planning purposes (eg. Water Resources Management Plans, Resource Management Plans, and General Management Plans). The report is designed to characterize baseline water quality rather than assess specific water quality problems at a park. This is consistent with the Servicewide Inventory and Monitoring Program's goal of obtaining basic, "Level I", water quality parameters for key waterbodies at each park (National Park Service 1993). Consequently, this report is best used as a reference document to help design new goal-driven water quality monitoring programs rather than as conclusive evidence of previous or existing water quality problems.

Purpose

The purpose of this report is to inventory existing park water quality data; establish baseline water quality at the park; identify potential water quality problems; and establish a park water quality database. This report is intended to enable park resource managers to compare and contrast water quality data collected as part of ongoing inventory and monitoring programs with historical water quality trends. Additionally, this report is intended to foster better designed park-based water quality inventory and monitoring programs in the future. The water quality databases which accompany this report will also lay the groundwork for establishing a NPS water quality database that will allow Regions and Washington Offices to generate regional and national assessments of park water quality.

Objectives

Specific objectives of the study documented in this report are to:

1. Retrieve water quality and related data from the EPA's STORET and other database systems;

2. Develop a complete inventory of all retrieved data;

3. Produce descriptive statistics and appropriate time series and box-and-whiskers plots of water quality data to characterize period of record, annual, and seasonal central tendencies and trends;

4. Compare water quality data with relevant national EPA water quality criteria on a station-by-station and study area basis;

5. Determine the presence and/or absence of the Servicewide Inventory and Monitoring Program's "Level I" water quality parameters within the study area; and

6. Reformat water quality and other related data for use in the park-based Water Quality Data Management System, presently under-development, and other appropriate analytical tools.

Document Overview

This report is comprised of five chapters. The first chapter, this Introduction, provides a brief statement of the study's background; goal, purpose, and objectives; and the key personnel who helped produce the document. This chapter also contains this brief overview of the document's contents and important interpretive caveats to consider when referring to and using this document. The second chapter focuses on the methods, procedures, and databases that were employed to retrieve and analyze water quality data for the park. The third chapter is the user's interpretive guide to chapter four. Chapter three explains how to interpret all the tables and figures presented in chapter four. Chapter four, which likely comprises the majority of the document (unless there isn't much water quality data for the park), contains detailed inventories, descriptive statistics, graphics, and national EPA water quality criteria comparisons characterizing the park unit's water quality data on a station-by-station basis and over the entire study area. This chapter also contains a comparison of park water quality data with the Servicewide Inventory and Monitoring Program's "Level I" water quality inventory parameters and a listing of water quality observations that were outside the STORET edit criteria range. Chapter five, the Appendices, contains more specialized materials such as the file names and database structures included on floppy disk(s) with this report; STORET edit criteria; national EPA water quality criteria; Servicewide Inventory and Monitoring Program's "Level I" water quality inventory parameters; selected water quality references; and other materials which provide background on the methods, procedures, and databases used or produced by this study.

The water quality and other related data referenced in this report accompany the document on floppy disk. The water quality parameter data file is in DBASE III+[1] format and will be useable in the park-based Water Quality Data Management System presently under-development. The water quality stations, industrial facilities discharges, drinking water intakes, water gages, water impoundments, and River Reach databases are also in DBASE III+ and/or ASCII format for ready-use in Geographic Information Systems (GIS), Computer-Aided Design Systems, or Desktop Mapping Systems.

Caveats

While intended primarily as a reference document, it is important that users peruse the first three chapters and Appendices of this report to better understand and interpret the results presented in chapter four. As a means for identifying potential areas for more intensive study, comparisons of the park's water quality data with relevant national EPA water quality criteria for appropriate designated uses[2] and with the Servicewide Inventory and

[1]The use and/or mention of specific proprietary hardware or software packages is for informational purposes only and is not intended to connote or denote an endorsement.

[2]The Environmental Protection Agency's Quality Criteria for Water 1995 Final Draft (Silver Book) was the primary source of water quality criteria. In the spirit of the other caveats offered in this section, it is important to recognize that water quality criteria are often revised when new or better information become available.

Monitoring Program's "Level I" water quality inventory parameters have been made. Extreme caution must be exercised in interpreting the results of these comparisons. Observations that exceed water quality criteria may have occurred due to any number of natural or anthropogenic factors, as well as other reasons. For example, STORET is a "user-beware" water quality database system. While there is some rudimentary edit (bounds) checking of any data entered in STORET (See Appendix C), users are basically free to enter their own data. Beyond data entry errors, the possibility of inaccurate data entering the system due to inappropriate measurement techniques, sample mistreatment, and other reasons is a serious concern. Consequently, if observations for a particular parameter frequently exceed the EPA water quality criterion over a prolonged time period, the best approach is to examine in detail the data exceeding the criterion. Questions which should be asked regarding the data include: What water source(s) are manifesting the problem? Does the data make sense? Was it collected by a reputable organization following a sound study plan and employing accepted techniques? If the answers to these questions still cause concern, a specific cause and effect water quality investigation focusing on the parameters of concern may be warranted. Similarly, the absence of particular Servicewide Inventory and Monitoring Program "Level I" water quality parameters from the park only means that no entity or organization has collected and entered this data into the EPA's STORET database. Too frequently, data that are collected in and around NPS units never make it into the EPA's national water quality database. These data may exist in published or unpublished reports, file cabinets, or other databases. Before definitively concluding that no baseline data exist for a particular parameter, these alternative resting grounds for data should be investigated. Such a detailed exploration, however, was beyond the scope of this study.

Key Personnel

Many individuals contributed to the design and implementation of this project. The primary contributors and their roles in the project are briefly mentioned below.

National Park Service, Water Resources Division:

Dean Tucker was the Contracting Officer's Technical Representative responsible for designing, coordinating, and implementing all aspects of this effort.

Mike Matz coordinated and managed the team which prepared all components of the report.

Gary Rosenlieb provided administrative oversight and was involved in quality control for all tasks related to this project.

Barry Long and Roy Irwin reviewed technical tasks and provided water quality expertise related to data analysis.

Gary Smillie provided hydrologic expertise in the determination of hydrologic seasons.

Anna Perea and Donnie Dustin helped prepare reports and write the Executive Summaries.

Elizabeth Eisenhauer, J. Chris Echohawk, Brad Van Deusen, Kristie Maczko, Brian Verbeck, Robert Flynn, and Dawn Grandbois, provided digital cartographic support, both in determining retrieval/query areas and producing maps and graphics.

Kelli O'Connor, Mary Beth Talty, Todd Widegren, Curtis Cooper, and Paul McElvery uploaded water quality data to STORET prior to report preparation.

Jacquie Nolan designed the cover.

Horizon Systems:

Cindy McKay served as Project Manager for Horizon Systems, performed the initial requirements analysis, and was involved in all quality control tasks related to the project.

Alan Cahoon was responsible for automating the procedures which produced the water quality databases and Water Quality Results chapter.

Sue Hanson, P.E., provided technical advice for writing this document.

Dr. Jim Loftis was the data quality analyst for the project.

Armando F. Ballofet, P.E., served as the local technical liaison between Horizon Systems and the NPS.

Other National Park Service:

Several other individuals provided invaluable technical review, comments, administrative support, and/or other assistance, including: Dan Kimball, Bill Jackson, Mark Flora, Gary Williams, John Karish, Brendhan Zubricki, Richard Hammerschlag, Randy Ferrin, Gary Vequist, Mike Martin, Kevin Berghoff, and Dyra Monroe.

METHODOLOGY

This section provides an overview of the procedures and criteria used to retrieve and analyze water quality data for each park unit. Generating baseline water quality data inventories and analyses for all NPS units is a monumental task. To accomplish this undertaking given a very limited budget, the procedures employed to produce each report had to be as generic and automated as possible. Consequently, customization of reports to individual park needs and issues was not feasible. Moreover, such customization was beyond the scope of this effort which was simply intended to produce baseline water quality data inventories for all parks rather than customized issue-driven reports. During the procedure-development stages of the project, specifications for the final product evolved, within the context of the aforementioned resource constraints, to focus on comprehensive water quality baseline data inventories and concise, descriptive statistical examinations of the available water quality data for each park unit. Detailed below are the data sources and final methods and procedures that were used to create the baseline water quality inventories, analyses, databases, and other products for each park unit. A thorough understanding of the limitations of the data sources and procedures described in this chapter and the next (Interpretive Guide to Water Quality Results) is a prerequisite to intelligent use of the results presented in this document.

Delineation of Park Study Area

The first step in retrieving water resources-related data for each park was deciding on a procedure to determine the study area boundary. Since water flows through parks, utilizing the park boundary as a simple query/study area was deemed inadequate. On the other end of the continuum, using the entire watershed as the study area was considered superfluous given: (1) the areal extent of certain park watersheds (eg. the entire Mississippi River); (2) the sheer volume of potentially irrelevant data such a large study area could generate; and (3) the resources required to specify the watershed for each park unit. The approach which was ultimately adopted - a modified hydrologic boundary - reflects a compromise between the park boundary and the entire watershed. Thus the study area employed for each park is an area extending at least three miles upstream and one mile downstream from the park boundary. Although these distances are somewhat arbitrary, this approach is easy to automate and was felt to limit the data retrieved, in most instances, to that of most importance to the park. Extending the query area one mile downstream of the park was intended to capture any data immediately downstream of the park which may reflect the quality of the water in the park. A current (as possible) copy of each park's boundary was obtained in digital format directly from the park or digitized from Regional land status maps, U.S. Geological Survey (USGS) quadrangles, or other sources. Using GIS techniques, the boundary was used to create the three miles upstream, one mile downstream buffer. For a few parks with which WRD water quality specialists were very familiar with potential water quality threats and/or valuable sources of data that may lie just outside the study area, the study area may have been tweaked (enlarged) to cover these areas of concern or interest. Unfortunately, a customized study area was not feasible for all park units. Hence, the three miles upstream, one mile downstream buffer was the primary study area employed for most parks. This study area was transferred to the EPA mainframe computer and used as the basis for all water resources-related data retrievals from the data sources described below.

Data Sources

The EPA maintains many mainframe data systems related to national water resources (U.S. Environmental Protection Agency 1992). Six of these data systems were used for this project:

- STOrage and RETrieval System (STORET) - water quality parameter data, locations of sampling stations, descriptive elements about stations and parameters;
- Industrial Facilities Discharge (IFD) - locations of industrial and municipal point source discharge facilities;

- Drinking Water Supplies (DRINKS) - locations of intake pipes for drinking water supplies;
- Water Gages (GAGES) - locations of USGS and other water gages;
- Water Impoundments (DAMS) - locations of most large water impoundments (greater than 10,000 acre feet at normal pool volume) and many smaller impoundments; and
- River Reach File, Version 3 (RF3) - 1:100,000 scale geographical representation of surface waters (rivers, lakes, etc.) with a unique identifier assigned to each surface water segment and connectivity information useful for routing and navigation.

STORET is the national water quality data repository (U.S. Environmental Protection Agency 1989). Water quality data is entered in STORET by public agencies (federal, state, or local) that collect water samples and/or perform laboratory analysis. As such, STORET is a "user-beware" data system. Although the EPA manages the STORET data system and, since November 1983, has imposed some minimum quality control criteria on the data (See Appendix C), data are generated and input to STORET by the "owner" agencies. Consequently, the EPA does not certify any data within STORET. Currently, there are over 800,000 active and inactive sampling stations and more than 225 million observations covering in excess of 13,000 water quality parameters entered in STORET. The earliest data dates back to the turn of the century. Using the bi-monthly update cycle, user agencies may store results of recent monitoring activities in STORET. Included in STORET is USGS WATSTORE water quality data, which is updated on a monthly basis. Although STORET contains a phenomenal amount of data, it is important to note that data exist in STORET only if the collectors decide to upload their data to the system. Since many agencies and researchers do not upload their data to STORET, the absence of water quality data in the system for a particular area doesn't mean that there has never been any water quality data collected for the area. The data may exist in published or unpublished reports, file cabinets, or in agency-specific databases. Identifying and retrieving these other sources of data were beyond the scope of the present effort. All parameter data and water quality station location data downloaded from STORET within the park's study area are included in DBASE III+ format files on disk(s) accompanying this report (See Appendices A and B).

The data within the IFD database are extracted from the EPA's Permit Compliance System (PCS). IFD contains the facility locations of all industrial and municipal dischargers which require a National Pollutant Discharge Elimination System (NPDES) permit to operate. Over 7,100 municipal, federal, and industrial facilities discharging into the waters of the United States are tracked by PCS and IFD. If any industrial facilities discharges exist within the study area, a file in DBASE III+ format documenting a variety of information about each discharge accompanies this report on disk (See Appendices A and B).

The EPA DRINKS database identifies locations of drinking water supply intakes. This file contains data for 850 supplies which serve more than 25,000 people, and 6,800 supplies which serve between 1,000 and 25,000 people. If any drinking water intakes exist within the study area, a file in DBASE III+ format documenting a variety of information about each intake accompanies this report on disk (See Appendices A and B).

The GAGES data originates primarily with the USGS and copies are maintained on the EPA mainframe computer for ease of integration with other EPA national data systems. Although other agency's water gages, as well as some artificial gages, may appear in GAGES, the vast majority of gages are stream gages belonging to the USGS. The GAGES database contains approximately 36,000 records for both active and inactive gaging stations. If any USGS or other agency stream gages occur within the study area, a file in DBASE III+ format documenting several fields of information about each gage accompanies this report on disk (See Appendices A and B).

The Water Impoundment database was originally compiled by the U.S. Army Corps of Engineers in response to a Congressional inquiry on dam safety hazards (GKY and Associates 1990). The EPA subsequently modified the database for use in water quality investigations. Of the 68,155 dams in the database, 2,125 are considered large (impounding 10,000 acre feet or more at normal pool volume). It is important to note that while the database includes entries for 66,030 smaller dams, estimates place the actual number of dams in the U.S. at several million

(including small farm ponds). If any water impoundments occur within the study area, a file in DBASE III+ format documenting several fields of information about each impoundment accompanies this report on disk (See Appendices A and B).

The RF3 data system is a hydrologic database of surface water features across the U.S. (excluding, at present, Idaho, Oregon and Washington, which currently operate a different system - although this data is expected to be converted to RF3 soon, Alaska and Hawaii). RF3 was created primarily from 1:100,000 scale USGS Digital Line Graph data. RF3 is made up of over 3,000,000 individual "reaches". A reach is generally defined as a portion of surface water between two confluences (U.S. Environmental Protection Agency 1993). The linework underlying RF3 contains over 95,000,000 coordinate points. RF3 is designed to facilitate hydrologic routing, identifying upstream and downstream elements, and specifying the exact location of any point on a stream network. RF3 data exists as a series of traces with associated attributes. The EPA project which is producing RF3 is being conducted in three phases: Compilation, Assessment, and Revision. The Compilation phase is complete except for Idaho, Washington, Oregon, and Alaska. The Assessment phase was completed during the first half of 1994; while the Revision phase was begun in March 1994. One important outcome of the Revision phase is that the reach codes which uniquely identify each surface water feature will change. Consequently, these codes should not be used, at this time, as keys for relating other data to RF3. The RF3 data provided with this document is provisional and should be used only to provide a geographic backdrop for the park's water quality data. RF3 data covering each USGS catalog unit (a geographic area representing a single or multiple drainage basin(s), or some other distinct hydrologic feature (U.S. Geological Survey 1982)) touched by the park's study area is included in ASCII export and DBASE III+ formats on the disk(s) accompanying this report (See Appendices A and B).

For additional information on any of these data systems, contact the EPA Office of Water at (202) 260-7028.

Data Retrieval and Analysis Procedures

The six EPA data systems discussed above reside on the EPA mainframe computer located in Research Triangle Park, N.C. Horizon Systems used a dedicated, leased telephone line with a data transfer rate of 9600 bits per second to download data occurring within the park's study area from all the databases. The bisynchronous communication software and hardware provided error checking during all data transfer procedures.

As described above, the park study/query area boundary was used to select the water quality stations, industrial facilities discharges, drinking water intakes, water gages, water impoundments, and river reaches associated with the park unit. For various reasons, screening criteria (described later in this section) were employed to select appropriate water quality stations, parameters, and observations. Horizon Systems wrote several mainframe programs to automate, to the greatest extent feasible, the STORET data retrieval and storage procedures. Once the data were extracted from the EPA data systems, they were downloaded to a microcomputer for statistical analyses and reformatted into DBASE III+ compatible format.

Specifically, once on the PC, the data were processed to:

(1) Reformat the data into DBASE III+ format and other database structures;
(2) Eliminate questionable data outside the STORET edit criteria ranges (See Appendix C);
(3) Display on a map the location of water quality monitoring stations and other water resources themes;
(4) Determine the frequency of water quality observations by station, parameter, and station/parameter;
(5) Generate descriptive period-of-record water quality statistics in a tabular format;
(6) Generate appropriate descriptive annual and seasonal analyses of the water quality data in a tabular format;
(7) Plot appropriate period of record time series and annual and seasonal box-and-whisker graphs;
(8) Compare the water quality data against relevant EPA national criteria; and

(9) Compare the water quality data against the NPS Servicewide Inventory and Monitoring Program's "Level I" water quality parameters.

Special customized microcomputer programs (primarily written in Clipper and Microsoft Professional BASIC) and procedures were created to address each of these tasks. All reformatted database files are included on disk(s) accompanying this document. The contents of these databases are described briefly below. Complete database structures are included in Appendices A and B. The descriptive water quality tabular statistics (see "Statistical Analyses" below) were computed based upon NPS specifications. Command or batch files were generated to drive STATGRAPHICS 7.0 in order to produce all the time series and box-and-whiskers plots.

Park Unit Databases

Up to seven digital databases in DBASE III+ and other formats have been created for the park by querying the water resources-related data sources described above. The disk(s) containing these databases accompany the report. The contents of each of these databases are discussed briefly below. More detailed documentation of these databases is included in Appendices A and B.

(A) Water Quality Parameter Data: This database includes all the water quality parameter data downloaded from STORET that passed the STORET Edit Criteria, Date, Station Type, and Phase 0 Parameter screens (described below) and is summarized tabularly and graphically in this document. This constitutes the park's baseline water quality data. Since it is already in digital format, more sophisticated analysis of the data is possible than the descriptive statistics and graphics presented here.

(B) Water Quality Station Locations: This database consists of the STORET header information describing each station where water quality data was collected. As the latitude and longitude of the station are included in the database, this file is easily imported into the park's GIS.

(C) Industrial Facility Discharge Locations: This database includes any industrial or municipal point source discharges located within the park's study area. As the latitude and longitude of each discharge facility are included in the database, this file is easily imported into the park's GIS.

(D) Drinking Water Intake Locations: This database includes any drinking water intakes located within the park's study area. As the latitude and longitude of each intake are included in the database, this file is easily imported into the park's GIS.

(E) Water Gage Locations: This database includes water (stream, lake, estuary, well, spring, climate, or other) gages located within the park's study area. Most of the gages will likely be stream gages belonging to the USGS. As the latitude and longitude of each gage are included in the database, this file is easily imported into the park's GIS.

(F) Water Impoundment Locations: This database includes any water impoundments (dams) located within the park's study area. As the latitude and longitude of each impoundment are included in the database, this file is easily imported into the park's GIS.

(G) River Reach Data: This database includes all stream traces (1:100,000 scale) and attributes for reaches falling within any USGS catalog unit that touches the park's study area. The traces are geo-referenced in ASCII format. The attributes are in both ASCII export and DBASE III+ formats. This information is also readily incorporated into the park's GIS.

The absence of any of these seven files from the disk(s) accompanying the report indicates that there was either no data of this type within the park's study area or the data was unavailable. Several other files are included on the disk(s) accompanying this report, including digital copies of all the figures and tables contained in the document and some other items. Refer to Appendices A and B for detailed documentation of these files. Not included on

disk is an Encyclopedia File (for WRD reference) that documents the minimum and maximum values for each water quality parameter and the parks in which those values were recorded. When Baseline Water Quality Data Inventory and Analysis reports have been completed for all parks, this Encyclopedia File will be available upon request from the NPS WRD.

Screening Methodologies and Procedures

Developing automated or semi-automated procedures to produce baseline water quality inventories and analyses for all national park units required constant testing and debugging of procedures. Three parks, Rock Creek Park, Yellowstone National Park, and Indiana Dunes National Lakeshore, were used to pilot test and refine the automated procedures. It became evident, after a preliminary analysis of all the downloaded STORET data, especially for Indiana Dunes National Lakeshore, that the specifications for the graphical analyses could generate hundreds (possibly thousands) of plots, many of which would not necessarily be useful. Also, there were many stations; parameters; and/or observations downloaded that were not part of the study's objectives; not overly useful; or of dubious quality. In order to reduce the number of graphical plots (time series, annual and seasonal box-and-whiskers) to fit within project resources, various screening criteria were investigated. Ultimately, a comprehensive set of screening criteria were developed to reduce the number of graphical plots. After initial counts of the total number of possible time series and annual and seasonal box-and-whiskers plots were generated, these counts were used to decide which screening criteria would be applied to limit the number of these plots produced for the park unit. Additional screening criteria were employed to restrict the tabular descriptive statistics results to only those deemed useful to the park. Table A provides the categories of screening criteria and to which analyses the screens were applied. A "yes" entry in the table means that the screening category eliminated or prevented data from appearing in certain tables and plots contained in the document. Consequently, in understanding how data from STORET was used in this report, it may be helpful to keep in mind the three general types of screening criteria: (1) screens that apply to stations; (2) screens that apply to certain parameters at stations; and/or (3) screens that apply only to particular observations of parameters at stations. A detailed description of each of the screening criteria categories follows this table. *It is important to note that statistics in "Inventory" reports may not be consistent with statistics in "Overview" reports since different categories of screening criteria were applied*. Also, if attempting to replicate the results of the statistical and graphical analyses presented in this document, be sure to follow the same screening methodologies.

STORET Edit Criteria

As mentioned previously, STORET is a "user-beware" data system. As the EPA doesn't certify any data in STORET, public agencies enter and are responsible for the quality of their own data. Only data entered since November 1983 have been subjected to any rudimentary edit/bounds checking. Agencies entering data since this date can elect to override the edit/bounds checking for individual observations. USGS WATSTORE water quality data is entered into STORET without any EPA edit/bounds checking to ensure data integrity between WATSTORE and STORET. Unfortunately, during the course of our pilot tests, erroneous USGS and EPA water quality data values were discovered. In order to eliminate as much "bad" data as possible, all water quality data downloaded from STORET was subjected to automatic edit/bounds checking (STORET Edit Criteria contained in Appendix C) for the 190 most common parameters. Observations falling outside the STORET Edit Criteria were documented (See the Water Quality Observations Outside STORET Edit Criteria for Park section in the Water Quality Results chapter) and then retained or discarded from the database and all tables and plots based on whether the value was judged as being in the realm of possibility. Although the STORET Edit Criteria screen likely removed some "bad" data for these common parameters, the probability of other erroneous data in the database is high. Be sure to consult the Caveat section in the Introduction.

Table A. Categories of Screening Criteria and to Which Output Products They Apply (A "yes" Entry Means the Screening Category Eliminated or Prevented Data From Being Used in the Product):

Screening Category	Data Download	Overview Tables	Inventory Tables	Annual Tables	Seasonal Tables	Standards Tables	Plots (All)
STORET Edit Criteria	yes	yes	yes	yes	yes	yes	yes
Date	yes	yes	yes	yes	yes	yes	yes
Station Type	yes	yes	yes	yes	yes	yes	yes
Phase 0 Parameter	yes	yes	yes	yes	yes	yes	yes
Phase 1 Parameter	no	no	yes	yes	yes	yes	yes
Media Type	no	no	yes	yes	yes	yes	yes
Remark Codes	no	no	yes	yes	yes	yes	yes
Composite Type	no	no	yes	yes	yes	yes	yes
Phase 2 Parameter	no	no	no	no	no	no	yes
Observations/Period of Record	no	no	no	yes	yes	no	yes

Date Screen

Every water quality observation in STORET typically has a sampling date associated with it. Unfortunately, STORET does not prevent users from entering incorrect dates. Consequently, any water quality observation with an incorrect and/or suspect date (eg. a month greater than 12; a day greater than 31; or a sample date later than the STORET retrieval date) were discarded.

Station Type Screen

STORET contains data from a wide variety of stations classified by the type of waterbody in which samples were collected. As this project's purpose was to inventory and analyze surface-water quality, the following surface-water station types were retrieved (clarification provided in parentheses):

Station Types Included In Retrieval
(a) STREAM
(b) CANAL
(c) LAKE
(d) RESERV (Reservoir)
(e) SPRING
(f) FWTLND (Fresh Water Wetland)
(g) SWTLND (Salt Water Wetland)
(h) ESTURY (Estuary)
(i) OCEAN

Ground water and/or other station type data may have been retrieved if the entering agency classified the station type incorrectly. Rectifying this error was beyond the scope and resources of this project.

Phase 0 Parameter Screen

Nearly all water quality parameters associated with each station type listed above were retrieved. The only exception to this was the exclusion of most of the STORET administrative parameters. A complete list of STORET administrative parameters is included in Appendix D. The few administrative parameters that were included in the retrievals are as follows:

Code	STORET Administrative Parameter Description
00027	Code No. for Agency Collecting Sample
00028	Code No. for Agency Analyzing Sample
00063	Sampling Points, Number of In a Cross Section
00111	Ratio of Fecal Coliform to Fecal Streptococci
00115	Sample Treatment Code (1=Raw, 2=Treated)
34772	NPDES Number, Cross Reference
45580	Method of Analysis
74065	Stream Flow Class
74066	Annual Runoff
74067	Soil Classification
74068	Water Quality Designated Use Classification

Phase 1 Parameter Screen

Some of the data retrieved from STORET was not suitable for statistical or graphical analysis. Consequently, this screening criterion eliminated all parameters which were not suitable for statistical or graphical analysis within the context of this project. The full list of these parameters is presented in Appendix E. Examples of parameters excluded from statistical and graphical analysis include the administrative parameters mentioned above, land use acreage, encoded values, dates, latitude/longitude, etc. Excluded parameters do, however, appear in the Parameter Period of Record and Station/Parameter Period of Record (two of the "Overview" Tables), as well as in the water quality parameter file included on disk(s) accompanying this report.

Media Type Screen

Water quality samples can be taken in a variety of aqueous media. Water quality data were retrieved from STORET only if the media were WATER or VERT (vertically integrated). WATER and VERT samples comprise the overwhelming majority of samples in STORET. The media screen eliminated the following water quality sampling media:

Media Screen	Description
BOTTOM	Sampled At the Bottom
DREDGE	Sampled By Dredge
PORE	Pore Sample
CORE	Core Sample

Remark Code Screen

STORET enables the agency collecting water quality samples to provide a qualifying remark for each parameter observation. These remarks provide additional information about the measured or observed value entered into STORET (See Appendix B - Parameter Data File for a complete listing and description of all remark codes). Based on the STORET remark codes, two potential screens were applied to water quality observations based on whether the measured value was used in subsequent analyses: (1) Elimination or (2) Modification/Inclusion.

Elimination:
Non-composite water quality parameters with the remark codes presented in Table B were eliminated from the period of record, annual, and seasonal descriptive statistics and graphics. Not including observations with these remarks was justified by the fact that most of the remarks: (A) indicate either less confidence in the measured value; (B) are remarks for nominal or categorical data that doesn't lend itself to statistical analysis; or, (C) complicate the statistical analysis beyond the scope of this effort. Observations containing these remark codes comprise a very small fraction of the data. Although statistical analyses weren't undertaken on this data, all water quality observations, regardless of remark code, are included on disk(s) accompanying this report. If you re-analyze this data in order to replicate the results presented here, be sure to eliminate all non-composite observations with the remark codes presented in Table B.

Table B. Non-composite Parameters With the Following Remark Codes Were Eliminated From Statistical and Graphical Analysis:

Remark Code	Description of STORET Remark Code
F	Female Species.
J	Estimated, Not the Result of Analytic Measurement.
M	Presence Verified, But Not Quantified, Below Quantification Limit. For Species, Male. For Oxygen Reduction Potential, Indicates Negative Value.
N	Presumptive Evidence of Presence.
O	Analysis Lost.
V	Analyte Was Detected In Sample and Method Blank.
W	Less Than Lowest Value Reportable Under Remark "T".
Z	Too Many Colonies Were Present to Count (TNTC), Value Represents Filtration Value.

Modification/Inclusion:
Water quality parameter observations with the remark codes presented in Table C were halved prior to inclusion in period of record, annual, and seasonal descriptive statistics and graphics. These remark codes deal with observations that were below the detection limit for the parameter. The common water quality data analysis convention for these remark codes is to use half of the detection limit in statistical analyses (Ward, Loftis, and McBride 1990; Gilbert 1987). Although this is a somewhat defensible treatment of observations below the detection limit, the statistics that may be computed using these halved values may not be defensible. Consequently, any computed statistics in inventory, annual, or seasonal tables that are comprised of 50% or more K, T, and U remark codes are footnoted "Computed with 50% or more of the total observations as values that were half the detection limit." This will provide the user with some caution in using and interpreting these results. Water quality data included on disk(s) accompanying this report that may have these remark codes are stored as the original entry (detection limit). If you re-analyze this data in order to replicate the results presented here, be sure to substitute half the detection limit value in the database whenever these remark codes are encountered.

Table C. The Value of Water Quality Parameters With the Following Remark Codes Were Halved (Half of the Detection Limit Entered In STORET) Prior to Inclusion In Descriptive Statistics and Graphics:	
Remark Code	**Description of STORET Remark Code**
K	Off-scale Low, Actual Value Not Known, But Known to Be Less Than Value Shown.
T	Less Than Detection Criteria.
U	Analyzed For But Not Detected, Value is Detection Limit For Process Used. If Species, Undetermined.

Composite Type Screen

Sometimes data entered in STORET represent something other than a single measurement at one location at one point in time. These samples are typically referred to as composite samples due to the fact that they vary temporally and spatially. Consequently, the observation entered into STORET for composite data is typically a computed value that summarizes the data over time and/or space. Such data complicate statistical and graphical analyses and must be handled separately. Such treatment was beyond the scope of this study; although composite values typically represent only a fraction of STORET observations. The composite type screen eliminates all composite observations from statistical and graphical analyses, except those with a composite type code of "A" that have a one day or less sampling period and those with a composite type code "D". All water quality observations, regardless of composite type code, are included on disk(s) accompanying this report. If you re-analyze this data in order to replicate the results presented here, be sure to exclude all composite observations except those with a code of "A" that have a one day or less sampling period and those with a code of "D". Table D presents a list of possible STORET composite type codes.

Table D. Possible STORET Composite Type Codes

Composite Type Code	STORET Composite Type Description
A	Average
H	Maximum
L	Minimum
N	Number of Observations
#	Number of Observations
S	Standard Deviation
U	Sum of Squares
V	Variance
C	Coefficient of Error
X	Coefficient of Variance
E	Skewness
F	Kurtosis
Z	Number of Obs. That Exceed An Established Limit
%	Precision
$	Accuracy
B	N/A
D	Indicates Replicate Sample

Phase 2 Parameter Screen

Due to budgetary limitations, the number of graphical plots (time series, annual and seasonal box-and-whiskers) produced had to be manageable - typically no more than 100 total plots. After scrutinizing the results of the pilot tests and the Baseline Water Quality Data Inventory and Analysis Reports produced for the first group of parks, the 19 parameters which, typically, were the most frequently measured at nearly all stations were water temperature, stage, discharge, and various meteorological measurements (See Table E). Consequently, most of the graphical plots produced would be of water temperature, stage, discharge, and meteorological conditions. Although these are important parameters, particularly in conjunction with other water quality parameters, it was felt that plotting resources would be better allocated to other water quality parameters. Consequently the STORET parameter codes listed in Table E never generated graphical plots. It is important to note, however, that these parameters are included in all other aspects of the project, including all applicable period of record, annual, and seasonal descriptive statistics tables.

Table E. Frequently Measured STORET Codes That Were Prevented From Generating Plots	
STORET Parameter Code	**STORET Parameter Description**
00003	Sampling Station Location, Vertical (Feet)
00010	Water Temperature (Degrees Centigrade)
00020	Temperature, Air (Degrees Centigrade)
00021	Temperature, Air (Degrees Fahrenheit)
00025	Barometric Pressure (MM of HG)
00032	Cloud Cover (Percent)
00035	Wind Velocity (Miles Per Hour)
00036	Wind Direction in Degrees from Trun N (Clockwise)
00040	Wind Direction (Azimuth)
00045	Precipitation, Total (Inches Per Day)
00046	Precipitation, Total (Inches Per Week)
00052	Humidity, Relative (Percent)
00061	Stream Flow, Instantaneous (CFS)
00065	Stream Stage (Feet)
81903	Depth of Bottom of Water @ Sample Site (Feet)
82553	Rainfall In 1 Day Inclusive Prior to Sample (Inches)
82554	Rainfall In 7 Days Inclusive Prior to Sample (Inches)
82371	Rainfall In 3 Days Inclusive Prior to Sample (Inches)
82372	Rainfall In 14 Days Inclusive Prior to Sample (Inches)
85599	Precipitation, Total/Period-Rain Equivalent (Cm/Sample)

Observations/Period of Record Screen

Despite never plotting water temperature, stage, discharge, and meteorological measurements, the number of plots generated by some parks still exceeded the 100 plot limit. Also, some rationale was needed to plot only those parameters with sufficient data density to make a meaningful statistical graphic. For example, time series plots comprised of only a few observations or annual or seasonal box-and-whiskers plots with limited observations and/or data in only one or two years or seasons are not very informative. Consequently, a number of plotting criteria were developed to limit the number of time series and box-and-whiskers plots to, at most, 100 informative graphics by using each parameter's number of observations and period of record. Similar, albeit less stringent criteria, were used for including results of annual and seasonal analyses in descriptive statistics tables. Consequently, there are more summaries of annual and seasonal results in tables than in graphics. Whenever an entry in an annual or seasonal table generated a plot, this entry was footnoted to notify the reader of the presence of the graphic. Due to differing quantities of data at parks, different screening criteria were employed. The same

criteria for appearance in seasonal and annual tables were used for all parks. Table F presents the least stringent plot screens.

Table F. Least Stringent Plot Screening Criteria Used to Limit the Number of Plots Generated

Time Series: To generate a time series plot, a station/parameter combination must have a period of record of at least 2 years and a total of at least 8 observations. Annual Analysis: To generate an annual box-and-whiskers plot, a station/parameter combination must have at least 9 observations in each of at least 4 years. The years do not have to be consecutive. Seasonal Analysis: To generate a seasonal box-and-whiskers plot, a station/parameter combination must have at least 9 observations in each of 2 seasons and a period of record of at least 6 years and observations in at least 3 of the 6 years. The years do not have to be consecutive.

The exact three plot screens used varied by park unit and are documented in the Overview section of the Water Quality Results chapter. If your park's plotting criteria deviated from these least stringent criteria, it is because too many plots would have been generated using these criteria.

The criteria used for appearance of station/parameter combinations in annual and seasonal analysis tables are presented in Table G. These tabular criteria, which are actually the least stringent plotting criteria, were constant from park to park.

Table G. Criteria Used for Generating Entries in Annual and Seasonal Analysis Tables

Annual Analysis: For an entry to appear in an annual table, a station/parameter combination must have at least 9 observations in each of at least 4 years. The years do not have to be consecutive. Seasonal Analysis: For an entry to appear in a seasonal table, a station/parameter combination must have at least 9 observations in each of 2 seasons and a period of record of at least 6 years and observations in at least 3 of the 6 years. The years do not have to be consecutive.

Statistical Definitions

Since this report is intended only to characterize historical and/or existing water quality at the park rather than address specific water quality problems, only simple descriptive statistics are presented. Inferential and non-parametric statistical analysis to examine relationships and trends were beyond the scope of the study. The complete water quality dataset is provided on disk accompanying this report to afford the opportunity for more detailed exploratory data analysis. The descriptive statistics are included in the inventory, annual, and seasonal tables. Table H provides a brief definition of each descriptive statistic provided for each parameter at a station.

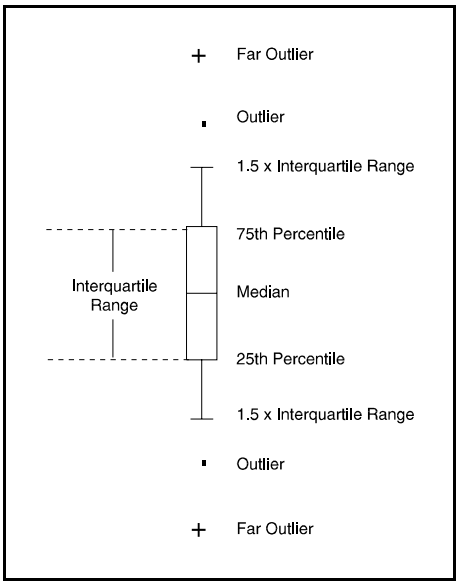
Table H. Definition of Descriptive Statistics Contained in Inventory, Annual, and Seasonal Tables

Observations:	The number of samples collected.
Median:	The median is the 50th percentile or the value in a dataset sorted in ascending order that exceeds 50% of all observations, yet is also exceeded by the remaining 50% of all observations.
Mean:	The sum of all observations collected divided by the number of observations.
Maximum:	The maximum value observed.
Minimum:	The minimum value observed.
Variance:	This is a measure of variability or dispersion of the observations; or, in other words, describes how many observations are close (or far), from the mean. It is calculated as the weighted average of the squared deviations from the mean.
Standard Deviation:	The positive square root of the variance.
10th Percentile:	The value in a dataset sorted in ascending order that exceeds 10% of all observations, yet is itself exceeded by the remaining 90% of all observations.
25th Percentile:	The value in a dataset sorted in ascending order that exceeds 25% of all observations, yet is itself exceeded by the remaining 75% of all observations. The 25th percentile is also known as the first quartile.
75th Percentile:	The value in a dataset sorted in ascending order that exceeds 75% of all observations, yet is itself exceeded by the remaining 25% of all observations. The 75th percentile is also known as the third quartile.
90th Percentile:	The value in a dataset sorted in ascending order that exceeds 90% of all observations, yet is itself exceeded by the remaining 10% of all observations.

As with the tabular descriptive statistics, the scope of the project limited the generation of exploratory graphics to time series plots and annual and seasonal box-and-whiskers plots. Plots were only generated, however, provided the parameter met or exceeded the relevant plotting criteria specified in the previous section.

Time series plots display the parameter concentration on the Y-axis and the date on the X-axis. This provides the user with a visual feeling for not only the parameter's concentration and variability over time, but also the density of data in different time periods. The time series plots provide a visual representation of the data in the basic station inventory. Due to software limitations, a line connects each measured value in sequence regardless of the time period between samples. Readers are cautioned not to assume that the concentration of the parameter between any two data points can be represented by a straight line. It is likely that the concentration varied between any two observations, particularly if the observations are separated by a significant time period.

The annual and seasonal box-and-whisker plots provide a graphical overview of the measured data and give the user a better understanding of the data's distribution and possible outliers. In essence, the box-and-whisker plots provide a visual representation of the data contained in the annual and/or seasonal tables. The interpretation of the boxes is provided in the figure to the right. Each box encompasses the middle 50 percent of measured values (from the 75th to 25th percentiles). The difference between the 75th and 25th percentiles is also known as the interquartile range. The horizontal line inside each box is the median or 50th percentile. The lines which extend out from each end of the box are the whiskers. The whiskers extend out from first quartile (25th percentile) and third quartile (75th percentile) to the smallest data point within 1.5 interquartile ranges from the first and third quartiles. Observations that extend beyond the whiskers are known as outliers. Far outliers are observations whose values lie more than three interquartile ranges below the first quartile or above the third quartile. These are designated with plus signs.



INTERPRETIVE GUIDE

TO WATER QUALITY RESULTS

This interpretive guide discusses each of the products presented in the next chapter - Water Quality Results. This chapter highlights how each of the tables and figures were prepared and how they can be used. Each subheading in this chapter corresponds to a particular product in the subsequent Water Quality Results chapter.

Overview

The Overview provides a brief one-page summary of the results of the various database retrievals for both the study area and the park. The study area results include the park results since the study area encompasses the park and all lands and waters within at least 3 miles upstream and 1 mile downstream of the park. Thus, the GIS estimated acreage of the study area should always be greater than the park acreage. The park acreage was computed from the digital boundary that was obtained for the park. More than likely this acreage will differ, perhaps significantly, from the "official" published acreage for the park due to the spatial and temporal accuracy of the digital boundary, treatment of inholdings, and other concerns. The number of STORET stations is the number of locations within the study area and park where an agency monitored (or intended to monitor) water quality. The number of stations with no data reveals the number of stations created in STORET for which water quality data were never entered. The number of stations with no statistical analysis reports the number of stations in the study area and park that contain data not amenable to normal parametric statistics. The number of longer term stations indicates the number of stations in the study area and park with at least 6 parameters having periods-of-record extending 2 years with an average of at least 1 observation per year over the period-of-record. The date of STORET retrieval is the calendar date when Horizon Systems downloaded all the data from STORET. Thus, the report documents all data entered in STORET prior to the retrieval date. Keep in mind that an agency can upload archival data at any time. Consequently, a retrieval date only guarantees that as of that date, this report contains all the data that had been entered into STORET. The period of record is the earliest date for which water quality data exist in STORET for the study area and park up to the date when the most recent data were entered prior to the retrieval date. The number of parameters measured is the number of unique water quality parameters measured within the study area and park and entered in STORET. The number of water quality observations is the sum of the total number of observations across all parameters within the study area and park. The number of industrial/municipal facilities discharges, drinking water intakes, water gages, and water impoundments are the number of each of these entities found within the study area and park. The number of time series, annual, and seasonal plots are the number of these different types of graphics produced by station/parameter combinations within the study area and park using the plotting criteria described in the previous chapter. The hydrologic seasons, described below, are the seasons used for the seasonal water quality data analysis. The time series, annual, and seasonal criteria are the plot and tabular screening criteria described in the previous chapter.

Regional Location Map

The Regional Location Map provides a small scale, general representation of the park and study area location within the United States. Digital, reproducible copies of this graphic are included on the disk(s) accompanying this report.

Water Quality Monitoring Locations Map(s)

The Water Quality Monitoring Locations Map(s) usually provides a larger scale representation of the park and study area than the Regional Location Map. This map indicates the locations within the study area where water quality has been monitored and the data entered into STORET. The water quality monitoring stations are labelled sequentially with the rightmost significant digits. The station names were assigned in numerically ascending order by latitude (for parks with a greater north-south extent than east-west) or longitude (for parks with a greater east-

west extent than north-south). Thus, this map serves as a visual index to the water quality data contained in the report. Since the 1:100,000 scale hydrography (from the River Reach File Ver. 3.0 or other sources) is displayed on the map, users can refer to the map to locate the station number on the reach in which they are interested and then find the appropriate section in the report that documents the water quality at that station. If the scale allows, USGS catalog units are also displayed on the map to provide an approximation of drainage basins. More than one Water Quality Monitoring Location map may be presented if the scale requires breaking the area into multiple maps for legibility. If multiple maps are necessary, an index map showing the geographic extent of each sub-map or panel will be present. Digital, reproducible copies of this graphic are included on the disk(s) accompanying this report. The digital, geo-referenced data files documented in Appendices A and B will allow the park to create water quality monitoring stations as a coverage in their GIS.

Dischargers, Drinking Intakes, Gages, and Impoundments Map(s)

The Dischargers, Drinking Intakes, Gages, and Impoundments Map(s) displays the same information as the Water Quality Monitoring Location Map(s) except the water quality stations are replaced by industrial/municipal facilities discharges, drinking water intakes, active and inactive gage locations, and water impoundments. This map also serves as a visual index allowing the user to determine the identification code of each discharger, drinking intake, gage, or impoundment. This number can then be used to obtain additional information about the entity on the following page of the report or to refer to the more detailed database files accompanying the report on disk. These more detailed database files are geo-referenced (See Appendices A and B), thus allowing the park to create these coverages in their GIS. More than one Dischargers, Drinking Intakes, Gages, and Impoundments map may be presented if the scale requires breaking the area into multiple maps for legibility. If multiple maps are necessary, an index map showing the geographic extent of each sub-map or panel will be present. Digital, reproducible copies of this graphic are also included on the disk(s) accompanying this report.

Industrial Facilities Discharges, Drinking Water Intakes, Water Gages, and Water Impoundments Table

This table provides some additional information about each of the discharges, drinking intakes, water gages, and water impoundments displayed on the previous map(s). This information generally includes the site identification number; the station or facility name; an address or some other indication of location; and some other pertinent information. More detailed information about each of these entities is contained in the database files on disk accompanying the report (See Appendices A and B).

Representative Mean Annual Hydrograph for Seasonal Analysis

One component of the water quality data analysis contained in the document is a seasonal analysis of the data (where adequate data exist). In order to undertake this analysis, some representation of the park's seasons was required. Seasons can be based on many factors (eg. hydrologic, climatic, recreational use, etc.). Since project resources did not allow us to contact every park and discuss with resource management staff what appropriate seasons may be for the park, WRD staff elected to adopt primarily a hydrologic/climatic definition of the seasons which uses a process of hydrograph separation to glean seasons from stream discharge patterns. The procedure employed to make these determinations was as follows:

(1) Find the nearest USGS Hydro-Climatic Data Network (HCDN) station (U.S. Geological Survey 1992) to the park that is most representative of streamflow conditions at the park. The HCDN is basically a subset of USGS streamflow stations, including only those stations that are unaffected by artificial diversions, storage, or other disruptions of the natural channel. All HCDN stations generally have at least a 20 year period of record. Consequently, discharge patterns at these stations should reflect only hydrologic and climatic influences. For the most part, selected HCDN sites were typically within 15-20 miles of the park. In some parks where WRD staff were aware of the existence of a stream gage located within the park that would be more representative of park waters even though it wasn't an HCDN site, this gage was selected.

(2) Retrieve the daily discharge values for the selected station from the USGS Daily Values File and generate a mean annual hydrograph and a box-and-whiskers plot of daily flows by month.

(3) Interpret the plots based on our knowledge of the hydrologic regime at these parks and assign seasons.

This approach, used for the majority of parks, assumes that most water quality data at the park will be found in streams and that the discharge pattern of the selected stream is representative of the seasons for all park waterbodies. Although this assumption may be weak for certain parks, project resources did not allow a more thorough investigation. For parks where there wasn't any stream gage (HCDN or otherwise) deemed representative of park waters, precipitation records from a nearby meteorological station were obtained from the National Climatic Data Center. Plotting daily average precipitation and box-and-whiskers of monthly precipitation sums allowed WRD hydrologists to make a rough approximation of climatic seasons for use in analyzing the water quality data.

Again, it is important to note the many ways of defining "seasons" and thus the limitations of the seasonal analysis contained in this document. For certain parks it may be more useful to perform a seasonal analysis with seasons defined by recreational use patterns or some other natural or anthropogenic factor. This option is available to the park since all the water quality data analyzed in this document is contained on disk(s) accompanying this report. Digital, reproducible copies of this seasonal analysis graphic are also included on the disk(s) accompanying this report.

Contacts for Agency Codes Retrieved

This table provides a list of the organizations who have entered data into STORET. A contact name at the organization and a phone number are also supplied. The agency code in the first column is the key for identifying which stations belong to that agency. This code will appear in the first line of each station's inventory. Although the agencies listed in this table are potential partners for future water quality monitoring or management endeavors, don't be surprised if the name of the contact and/or the telephone number is out of date. This information is entered when an agency first creates a station. The agency may not update this information when the initial contact moves on or the telephone number changes. Nonetheless, it is likely that the contact or someone else at the agency may be able to provide you with project reports or other information relative to the agency's data. A digital copy of this table accompanies this report on disk (See Appendices A and B).

Quantity of Data Retrieved by Agency Code

This table displays the period-of-record; numbers of water quality stations, longer-term stations, and stations without data; total number of water quality observations; and the number of unique water quality parameters measured by each agency within the study area and park boundary. Using this table, a park can quickly determine which agencies collect the most data in and around the park and whether they have monitored recently. A digital copy of this table accompanies this report on disk (See Appendices A and B).

Station Period of Record Tabulation

The Station Period of Record Tabulation provides a quick overview of the names of all the stations within the study area where water quality has been monitored and data entered into STORET. It also furnishes the total number of observations taken at each station and the frequency of observations between certain dates: (1) 01/01/85 until the most recent date data were measured; (2) 01/01/75 - 12/31/84; and (3) prior to 01/01/75. The station identification number, the four character park abbreviation code followed by a four digit number, provides the means to jump from a particular station in the table to the statistical and graphical analyses for this station contained in the Station-By-Station Results section. The Station Period of Record Tabulation reveals which water

quality stations were situated within the park as defined by the park's GIS boundary. The Station Period of Record Tabulation also footnotes longer-term water quality stations. Longer-term stations are those that have at least 6 parameters with an average of one or more observations per year for those parameters during a period of record extending at least two years. Note that although a station may not be flagged as longer-term, it can still harbor much important data (albeit for only a few parameters or over a very long term with just a few observations). A digital copy of this table accompanies this report on disk (See Appendices A and B).

Parameter Period of Record Tabulation

The Parameter Period of Record Tabulation provides a complete listing of every water quality parameter ever measured in the study area and entered into STORET. This table is a summation of all the water quality observations for each parameter across all stations in the study area. Like the Station Period of Record Tabulation, the total number of observations for each parameter and the frequency of observations between: (1) 01/01/85 until the most recent date data were measured; (2) 01/01/75 - 12/31/84; and (3) prior to 01/01/75 are provided. This table is handy for quickly assessing whether particular parameters have been measured in the study area. The Parameter Period of Record Tabulation also shows how many in-park (and total) water quality stations contained data for each parameter. Some administrative parameters and parameters not suitable for statistical analysis within the context of this project (as discussed in the Screening Methodologies and Procedures section of the Methodology chapter) are listed in the Parameter Period of Record Tabulation, but not in the Station-By-Station Results section. A digital copy of this table accompanies this report on disk (See Appendices A and B).

Station/Parameter Period of Record Tabulation

The Station/Parameter Period of Record Tabulation combines the information found in the Station Period of Record Tabulation and the Parameter Period of Record Tabulation. This table provides a listing of all the stations where a particular water quality parameter was measured in the study area and the data entered into STORET. The table provides the start and end dates of the period of record of each parameter at each station; the number of years of measurement (computed from the start and end dates); whether the station/parameter combination occurred within the park boundary; the total number of observations for each parameter at each station, and whether a time series (T), annual (A), and/or seasonal (S) plot was generated for the station/parameter combination in the Station-By-Station Results section. This table is very useful when you need to determine at which locations within the study area (or park) particular parameters were monitored and how much data was collected there. Some administrative parameters and parameters not suitable for statistical analysis within the context of this project (as discussed in the Screening Methodologies and Procedures section of the Methodology chapter) are listed in the Station/Parameter Period of Record Tabulation, but not in the Station-By-Station Results section. A digital copy of this table accompanies this report on disk (See Appendices A and B).

Station-By-Station Results

Probably the most voluminous portion of the document is the Station-By-Station Results. Here the results of the water quality analyses for each station are presented in sequence. The results include the station inventory; parameter inventory; EPA water quality criteria analysis; and, as applicable, time series graphics and annual and seasonal tables and box-and-whiskers graphics. Each of these products are discussed below.

Station Inventory for Station

Each station's data commences with its Station Inventory. The Station Inventory provides the descriptive attributes about each water quality monitoring station contained in STORET. This includes a variety of locational information such as a verbal description, the Federal Information Processing codes for county and state, latitude and longitude, and other items; the station type (stream, spring, estuary, etc.); monitoring agency; creation date; indices to the River Reach File; whether the station lies within the park boundary; and several other attributes. This water quality station location data is also contained on disk(s) accompanying the report (See Appendices A and B).

Parameter Inventory for Station

Following the descriptive attributes about a station is the Parameter Inventory for the station. The Parameter Inventory provides a complete inventory and descriptive summary of all the water quality parameter data for the station. This table furnishes the parameter STORET code and name; the period of record for this parameter at this station; and the descriptive statistics defined in the Statistical Definitions in the previous chapter. Three different footnotes can appear on a parameter's descriptive statistics. Two asterisks (**) in the 10th, 25th, 75th, or 90th percentile columns indicates that there was insufficient data to compute these statistics for this parameter. Percentiles were not computed unless the parameter had at least 9 observations. Two number signs (##) next to the number of observations indicates that more than 50 percent of the observations entered into the computations as values that were taken to be half the detection limit. Caution should be employed in interpreting and using statistical results when more than half the values are set to half the detection limit. The letter "p" following a numeric STORET parameter code in the Parameter Inventory indicates that a time series plot was produced for this parameter at this station. Digital, reproducible copies of the Parameter Inventory tables are contained on the disk(s) accompanying this report.

Two downloaded parameter groups, pH and bacteriological, received special treatment whenever descriptive statistics were computed in the Parameter Inventory (as well as subsequent annual and seasonal tables). Whenever pH appears in a descriptive statistics table, the entry is increased to 3 entries: (1) the original pH entry; (2) pH computed from conversion to and from μeq/l H^+; and (3) μeq/l H^+. The reason for these conversions is that pH is actually the negative logarithm of the hydrogen ion concentration. To be technically correct in computing descriptive statistics, pH values must be converted to μeq/l H^+ (Kunkle and Wilson 1984). Once the descriptive statistics are computed using the pH values expressed as μeq/l H^+, the results can be converted back to pH. The three pH entries in the descriptive statistics table will all have the same STORET code.

Whenever a bacteriological parameter appears in a descriptive statistics table, the entry is increased to 3 entries: (1) the original bacteriological entry; (2) an entry computed using the log of each measured value; and (3) an entry that simply reports the geometric mean. The reason for converting to logs and displaying the geometric mean is convention. Bacteriological water quality standards typically reference the geometric mean rather than the arithmetic. The three bacteriological entries in the descriptive statistics tables will all have the same STORET code.

EPA Water Quality Criteria Analysis for Station

The EPA Water Quality Criteria Analysis table follows the Parameter Inventory. This table presents a comparison between the station's STORET water quality data and applicable national water quality criteria for freshwater and marine aquatic organisms; drinking water; and other concerns. Comparison against applicable State water quality criteria was not feasible given project resources. Appendix F provides the relevant national EPA water quality criteria values. In most cases, the EPA water quality criteria values are single sample concentrations that can be directly compared to single sample STORET entries. There are, however, two notable exceptions to this single sample/single value comparison: ammonia and fecal-indicator bacteria. For these two parameters, criteria are either derived from or depend on the results of other chemical characteristics of the water or require a time series statistical treatment of multiple samples to determine whether the criterion has been exceeded. The EPA ammonia criterion is pH and temperature dependent. To calculate the criterion for each ammonia sample value was beyond

the scope of this project. Consequently, ammonia criteria were not included in Appendix F or the EPA Water Quality Criteria Analyses. Un-ionized ammonia criteria can be determined from formula table values included in the EPA Silver Book (Environmental Protection Agency 1995).

For the purposes of this project, fecal-indicator bacteria data were flagged as exceeding criteria when their concentrations exceeded 200, 1000, 126, and 33 (fresh)/35 (salt) colony forming units or most probable number for single samples of fecal coliform, total coliform, E. coli, and enterococci, respectively. These values represent only approximations of the criteria for primary contact recreation waters where criteria are typically expressed in terms of a geometric mean computed with no less than 5 samples during a given month. When a fecal-indicator bacterial observation exceeds a criterion in the EPA Water Quality Criteria Analysis section, the reader should refer to the corresponding geometric mean calculations in the preceding Parameter Inventory. Long-term geometric means that exceed the respective water quality criteria for multiple samples are more indicative of chronic bacteriological problems than single sample values.

Water quality observations carrying non-detection or below-detection limit remark codes (K, T, and U) required special treatment in the EPA Water Quality Criteria Analysis. As with the statistics in the Parameter Inventory, half the detection limit was the value used in the EPA Water Quality Criteria Analysis. For certain observations, however, half the detection limit may exceed a water quality criterion. For those observations it would be inappropriate to classify them as exceeding a criterion since the actual value wasn't known. Thus, it was decided that any below detection limit or non-detect observations that exceed a water quality criterion using half the detection value would be excluded from the EPA Water Quality Criteria Analysis. If non-detect or below detection limit values are excluded from the EPA Water Quality Criteria Analysis for a particular parameter, the total observations for that parameter will be footnoted with an ampersand (&). This will also explain the difference between the total observations in the Parameter Inventory and the EPA Water Quality Criteria Analysis. Non-detect or below detection limit values are included in the EPA Water Quality Criteria Analysis, however, if half the detection limit doesn't exceed the parameter's criterion.

The EPA Water Quality Criteria Analysis for each station lists the parameter; the standard type and value; the total number of observations for the parameter at this station; the number of observations that exceeded the standard value; and the proportion of observations that exceeded the standard value. Water quality observations are considered as having exceeded a criterion regardless of whether the criterion represents a maximum acceptable value or a minimum acceptable value. The table also breaks down the water quality criteria analysis on a seasonal basis to allow the reader to discern whether parameter observations tend to exceed criteria during only certain seasons or year round. Although the EPA Water Quality Criteria Analysis table is a good starting point for assessing potential water quality problems at the station, the reader is strongly encouraged to read the caveat section in the Introduction concerning drawing conclusions about water quality problems from this table. Digital, reproducible copies of these tables accompany the report on disk (See Appendices A and B).

Time Series Plots for Station

Following the EPA Water Quality Criteria analysis will be any Time Series Plots for each parameter that met the time series plot screening criterion selected for the park unit. If a time series plot is generated for a particular parameter at a station, a "p" will appear next to the STORET parameter code in the Parameter Inventory. If no time series plots are present for the particular station, the data did not meet the time series screening criterion listed in the Overview section of the Water Quality Results chapter. The x-axis on these plots is the period of record, listing only the 2-digit calendar year for clarity (i.e. 1983 is presented as 83). The y-axis is the concentration of the selected parameter in its measurement units. In general, the units for a given parameter are given either on the y-axis or in the parameter description in the subtitle of the graph. Subtitle and/or y-axis parameter descriptions may be truncated on the plots so as to not exceed the maximum number of plotting characters. Y-axis values less than zero are sometimes shown for better representation of the entire plot. The station identification code, parameter description, and parameter STORET code are presented in the main title. The footnote provides a descriptive location name. Observations on the plot are represented as squares. Lines are drawn connecting each successive observation. As mentioned previously in the Statistical Definitions section of the Methodology chapter, the interconnecting line is drawn only for ease of reading and provides no indication of what the actual parameter

values were between the two observed measurements. Digital, reproducible copies of all time series plots accompany the report on disk (See Appendices A and B).

For time series plots of pH, the original pH values are plotted. For time series plots of bacteriological data, the log of the measured value is plotted. Hence, the y-axis of a time series plot for bacteriological parameters is log-linear.

Annual Analysis for Station

If more than 9 observations exist in each of at least 4 years for a particular parameter at a station, an Annual Analysis table will be generated. Entries will be made in the table for each parameter having more than 9 observations in each of at least 4 years. The Annual Analysis presents the same descriptive statistics as the Parameter Inventory table, except that it provides the statistics by year, rather than the entire period of record. Although some of the years may not contain 9 observations, these years still have an entry in the table. A parameter needs only to have 9 observations in any 4 years of its period of record to qualify for the Annual Analysis table. Like the Parameter Inventory, percentiles with fewer than 9 observations are not computed and entries computed with greater than 50 percent of the data values set to half the detection limit are flagged. Entries in the Annual Analysis table that also meet the annual analysis box-and-whisker plot screening criterion will be flagged with a "p" next to the STORET code. Digital, reproducible copies of these tables accompany the report on disk (See Appendices A and B).

Annual Box-and-Whiskers Plots for Station

Entries in the Annual Analysis table that meet the annual box-and-whisker plot screening criterion will generate Annual Box-and-Whiskers Plots. The interpretation of box-and-whiskers plots is explained in the Statistical Definitions section of the Methodology chapter. A box is generated for each year of the period of record, even if less than 9 observations were recorded in the year. The axis labeling and plot titling is the same as for the time series plots. Digital, reproducible copies of these graphics accompany the report on disk (See Appendices A and B).

For annual box-and-whiskers plots of pH, μeq/l H^+ are plotted. For annual box-and-whiskers plots of bacteriological data, the log of the measured value is plotted. Hence, the y-axis of an annual box-and-whiskers plot for bacteriological parameters is log-linear.

Seasonal Analysis for Station

As explained above, a park's hydrologic seasons for seasonal water quality analysis were determined using a process of hydrograph separation and other techniques. If a parameter has more than 9 observations in each of 2 seasons with a period of record of at least 6 years and observations in at least 3 of the 6 years, a Seasonal Analysis table will be generated for the station. The Seasonal Analysis presents the same descriptive statistics as the Parameter Inventory table, except that it provides the statistics by season, rather than the entire period of record. Although certain parameters for a season at a station may not contain 9 observations, these parameters can still have an entry in the table. A parameter needs only to have 9 observations in each of 2 seasons with a period of record of at least 6 years and observations in at least 3 of the 6 years to qualify for the Seasonal Analysis table. Consequently, some of the parameters could have fewer than 9 observations in a particular season but still generate a table entry. Like the Parameter Inventory and Annual Analysis, percentiles with fewer than 9 observations are not computed and entries computed with greater than 50 percent of the data values set to half the detection limit are flagged. Entries in the Seasonal Analysis table that also meet the seasonal analysis box-and-whisker plot screening criterion will be flagged with a "p" next to the STORET code. Digital, reproducible copies of these tables accompany the report on disk (See Appendices A and B).

Seasonal Box-and-Whiskers Plots for Station

Entries in the Seasonal Analysis table that meet the seasonal box-and-whisker plot screening criterion will generate Seasonal Box-and-Whiskers Plots. The interpretation of box-and-whiskers plots is explained in the Statistical Definitions section of the Methodology chapter. A box is generated for each season of the period of record, even if less than 9 observations were recorded in the season. On the x-axis, the seasons are labeled 1 through the number of seasons defined for the park through hydrograph separation. The actual calendar dates that correspond to these numerically labeled seasons exist in the Overview section and the Seasonal Analysis tables in the Water Quality Results chapter. The axis labeling and plot titling are the same as for the time series and annual box-and-whiskers plots. Digital, reproducible copies of these graphics accompany the report on disk (See Appendices A and B).

For seasonal box-and-whiskers plots of pH, μeq/l H^+ are plotted. For seasonal box-and-whiskers plots of bacteriological data, the log of the measured value is plotted. Hence, the y-axis of a seasonal box-and-whiskers plot for bacteriological parameters is log-linear.

EPA Water Quality Criteria Analysis for Entire Park Study Area

This table essentially summarizes all the individual station-by-station EPA water quality criteria analyses in the study area. (Refer to the EPA Water Quality Criteria Analysis for Station section above for more detailed information on the treatment of special cases in the EPA Water Quality Criteria Analysis for Entire Park Study Area.) This table presents a comparison between the study area's STORET water quality data and applicable national water quality criteria for freshwater and marine aquatic organisms; drinking water; and other concerns. Comparison against applicable State water quality criteria was not feasible given project resources. Appendix F provides the relevant national EPA water quality criteria values. The EPA Water Quality Criteria Analysis for the Entire Park Study Area lists the parameter; the standard type and value; the total number of observations for the parameter at this station; the number of observations that exceeded the standard value; and the proportion of observations that exceeded the standard value. Water quality observations are considered as having exceeded a criterion regardless of whether the criterion represents a maximum acceptable value or a minimum acceptable value. The table also breaks down the water quality criteria analysis on a seasonal basis to allow the reader to discern whether parameter observations tend to exceed criteria during only certain seasons or year round. Although the EPA Water Quality Criteria Analysis for the Entire Park Study Area is a good starting point for assessing potential water quality problems at the park, the reader is strongly encouraged to read the caveat section in the Introduction before drawing conclusions about water quality problems from this table. A digital, reproducible copy of this table accompanies the report on disk (See Appendices A and B).

NPS Servicewide Inventory and Monitoring Program
Level I Water Quality Inventory Data Evaluation and Analysis (IDEA)

One of the objectives of this Baseline Water Quality Data Inventory and Analysis project is to perform an IDEA - an Inventory Data Evaluation and Analysis - to determine the presence and/or absence of Servicewide Inventory and Monitoring Program "Level I" water quality parameter groups in the park's study area. The Strategic Plan for Conducting Baseline Natural Resource Inventories in the National Park Service (National Park Service 1993) identified the basic water quality parameters displayed in Table I as the parameters that all parks must have for "key" waterbodies (determined on the basis of size, uniqueness, threats, etc.) within park boundaries. Since these parameters can be measured in different ways and with different units, there are multiple STORET codes associated with each parameter; hence the concept of parameter groups. The Strategic Plan distinguishes between those parameter groups required for all parks and parameter groups required only on a case-by-case basis.

The IDEA basically compares the parameters listed in the Parameter Period of Record Tabulation and Station/Parameter Period of Record Tabulation with the "Level I" Servicewide Inventory and Monitoring water quality parameter groups, listed in Table I and in Appendix G, and notes, not only the presence or absence of each parameter group, but the total number of observations for each parameter present in the group; the number of

observations between certain time periods; and the total number of stations within the study area at which the parameter was measured. The total number of different (unique) stations measuring parameters for the group is in parentheses on each parameter group's summary line.

The first page of the IDEA lists the missing Servicewide Inventory and Monitoring Program "Level I" groups. If a parameter group appears on this list, no data for any of the parameters defining the group (See Appendix G) was retrieved for it within the study area. So-called non-priority parameter groups may appear in the missing list. Non-priority parameters are park-specific parameters (case-by-case) which may not be applicable to your park. Consequently, if you believe a particular parameter, not included in IDEA (See Appendix G), to be important for your park, you will have to consult the Parameter and Station/Parameter Period of Record Tabulations to determine the presence or absence of this parameter for the park. Although considered a "Level I" parameter, biological data, obtained through rapid bioassessment or other means, is not considered in this report which deals specifically with surface water chemistry. Following the Missing Level I Group list is the Present Level I Group list which displays the summary results for each Servicewide Inventory and Monitoring "Level I" water quality parameter group that was found.

Table I. Basic "Level I" Water Quality Parameters Identified as Required and Optional By the Servicewide Inventory and Monitoring Program for "Key" Park Waterbodies

Required Parameter Groups:
(1) Alkalinity
(2) pH
(3) Conductivity
(4) Dissolved Oxygen
(5) Rapid Bioassessment Baseline (EPA/State protocols, involving fish and macroinvertebrates)
(6) Temperature
(7) Flow

Case-By-Case Parameters Groups:
(8) Toxic Elements
(9) Clarity/Turbidity
(10) Nitrate/Nitrogen
(11) Phosphate/Phosphorus
(12) Chlorophyll
(13) Sulfates
(14) Bacteria

The last page of the IDEA summarizes the information from the Missing and Present Level I Group lists. This page provides information on the temporal and spatial distributions of the data. Included in this table are the total number of observations for each parameter group; the number of observations since January 1, 1985; the percent of the total observations since January 1, 1985; the number of stations measuring each parameter group; the percent of the total number of stations with data measuring the parameter group; the number of observations per station with data; the period-of-record for this parameter group; and the average number of observations per year of the period-of-record.

In interpreting the results of the IDEA, the reader should first consult the Missing Level I Group list. For the parameter groups listed, there was no baseline water quality data within the study area entered in STORET. Consequently, these parameter groups could be a higher priority for data collection. It is important, however, to realize that data within these parameter groups may have been already collected but not entered into STORET. The resources for this project did not enable us to pursue thorough literature and file cabinet reviews to dredge up

every last iota of data. If data exists for certain Servicewide Inventory and Monitoring Program "Level I" water quality parameter groups in a park's file cabinet, it is the park's responsibility to factor that data into their IDEA. Consequently, the listing of a parameter group on the Missing "Level I" Group list is not a WRD endorsement to launch a study to collect these data. The IDEA is intended to simply note that no data exist for these parameter groups in STORET for the park. It is the park's responsibility to ascertain whether such data has already been collected by the park or other entities before embarking on a new study. In fact, in the future the WRD will require that any park study plan proposing to collect baseline water quality data show that they have consulted their Baseline Water Quality Data Inventory and Analysis report and searched in other locations (file cabinets, published literature, etc.) for the data they propose to collect. A similar interpretation springs from the Present "Level I" Group list. Insufficient data density in certain time periods for particular parameter groups is not necessarily cause for launching a new inventory and/or monitoring program. The park should still consult with other potential sources of data. Again, the IDEA is designed to provide only a quick check on data in STORET for the Servicewide Inventory and Monitoring Program "Level I" water quality parameter groups.

Water Quality Observations Outside STORET Edit Criteria for Park

STORET data entered after November 1983 were subjected to rudimentary edit/bounds checking for 190 common parameters (See the STORET Edit Criteria in Appendix C). None of the data entered into STORET prior to that time has been subjected to edit/bounds checking. Moreover, to maintain exact comparability with USGS WATSTORE data, WATSTORE data entered into STORET has never been subjected to the EPA edit/bounds checking. During the pilot test phase of this project, obviously incorrect data was identified from both USGS and other agency data in STORET. As a consequence, all data downloaded from STORET was filtered through the STORET edit criteria to identify parameter observation values that fall outside any edit criterion ranges. This section documents the station name, parameter, date, time, parameter value, agency, and STORET station name of every observation that fell outside the range of an edit criterion. Not all data falling outside an edit criterion are necessarily incorrect. Such data may represent unique or special conditions. Consequently, every observation falling outside a STORET edit criterion was scrutinized to determine, in our best professional judgement, whether the value was in the realm of possibility or obviously incorrect. Water quality observations that appeared to be obviously incorrect are marked with an "X" in the Disposition column of this table. These values were not retrieved or included in any of the inventory tables or graphs. Water quality values outside a STORET edit criterion but within the realm of possibility were retained and included in inventory tables and graphs. The Water Quality Observations Outside STORET Edit Criteria for Park table documents all values that were outside an edit criterion range. This documentation is also necessitated by the fact that agencies can override the STORET edit criteria for individual observations. Although the edit criteria eliminate some potentially "bad" data from the report, the probability of other incorrect data, for both the 190 parameters that are edit/bound checked and all the other STORET parameters that aren't error checked, is high. Readers should consult the Caveat section in the Introduction for guidelines on the use and interpretation of STORET data. The responsibility for correcting these observations rests with the collecting agency.

WATER QUALITY RESULTS

OVERVIEW FOR GATE

Study Area Boundary Description

The study area includes the park and all areas within at least 3 miles upstream of the park unit boundary and at least 1 mile downstream.

	Study Area	Park
GIS Estimated Acreage:	127878	26920
# STORET Stations:	441	150
# Stations With No Data:	59	17
# Stations With No Stat. Analysis:	1	1
# Longer Term Stations:	140	37
Date of STORET Retrieval:	02/18/97	02/18/97
Period of Record:	04/23/18-08/28/96	09/08/21-08/28/96
# Parameters Measured:	415	227
# Water Quality Observations:	270092	95831
# Industrial/Municipal Facilities:	22	2
# Drinking Water Intakes:	0	0
# Water Gages:	2	1
# Water Impoundments:	3	0
# Total Plots:	167	56
# Time Series:	63	13
# Annual:	52	37
# Seasonal:	52	6

Hydrologic Definition of Seasons:

1. August 1 - October 31
2. November 1 - March 31
3. April 1 - July 31

Time Series Plot Criteria:

To be included in the time series plots, a station/parameter combination must have at least 22 years and at least 136 observations.

Annual Analysis Criteria:

To be included in the annual box-and-whisker plots, a station/parameter combination must have at least 9 observations in each of at least 15 years.

To be included in the annual analysis tables, a station/parameter combination must have at least 9 observations in each of at least 4 years.

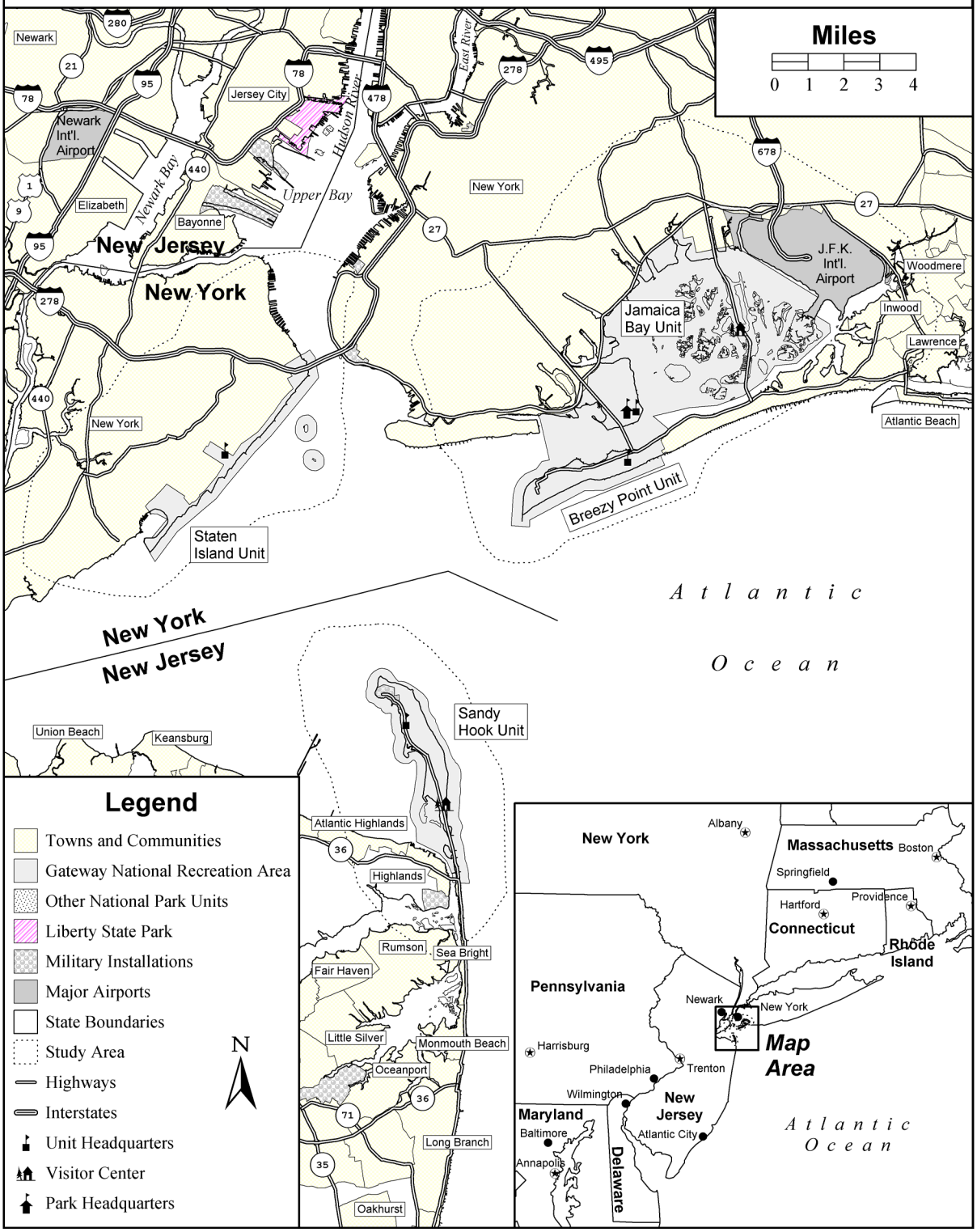
Seasonal Analysis Criteria:

To be included in the seasonal box-and-whisker plots, a station/parameter combination must have at least 9 observations in each of 2 seasons and a period of record of at least 22 years and observations in at least 4 of the 22 years.

To be included in the seasonal analysis tables, a station/parameter combination must have at least 9 observations in each of 2 seasons and a period of record of at least 6 years and observations in at least 3 of the 6 years.

Gateway National Recreation Area

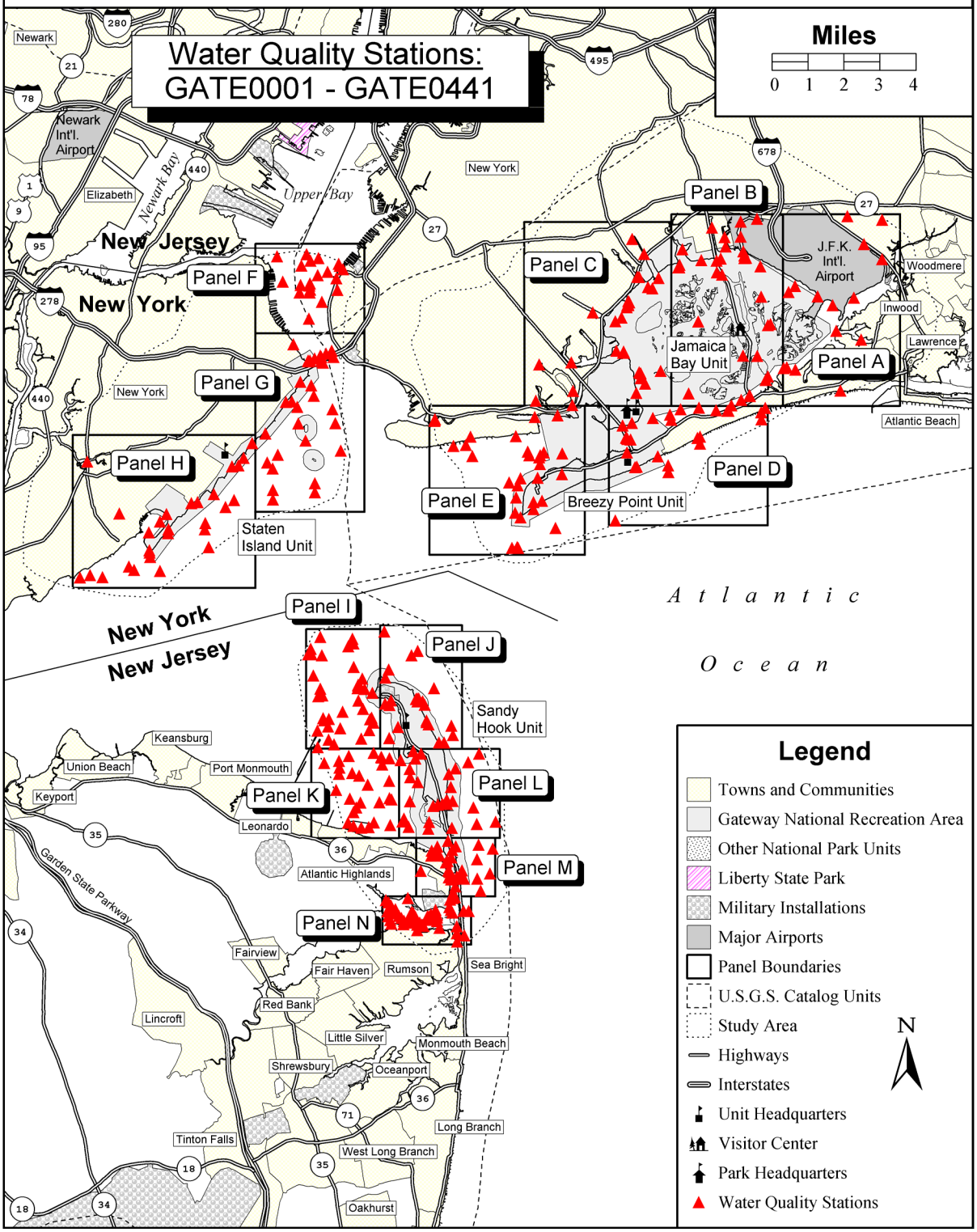
Regional Location Map



Gateway National Recreation Area

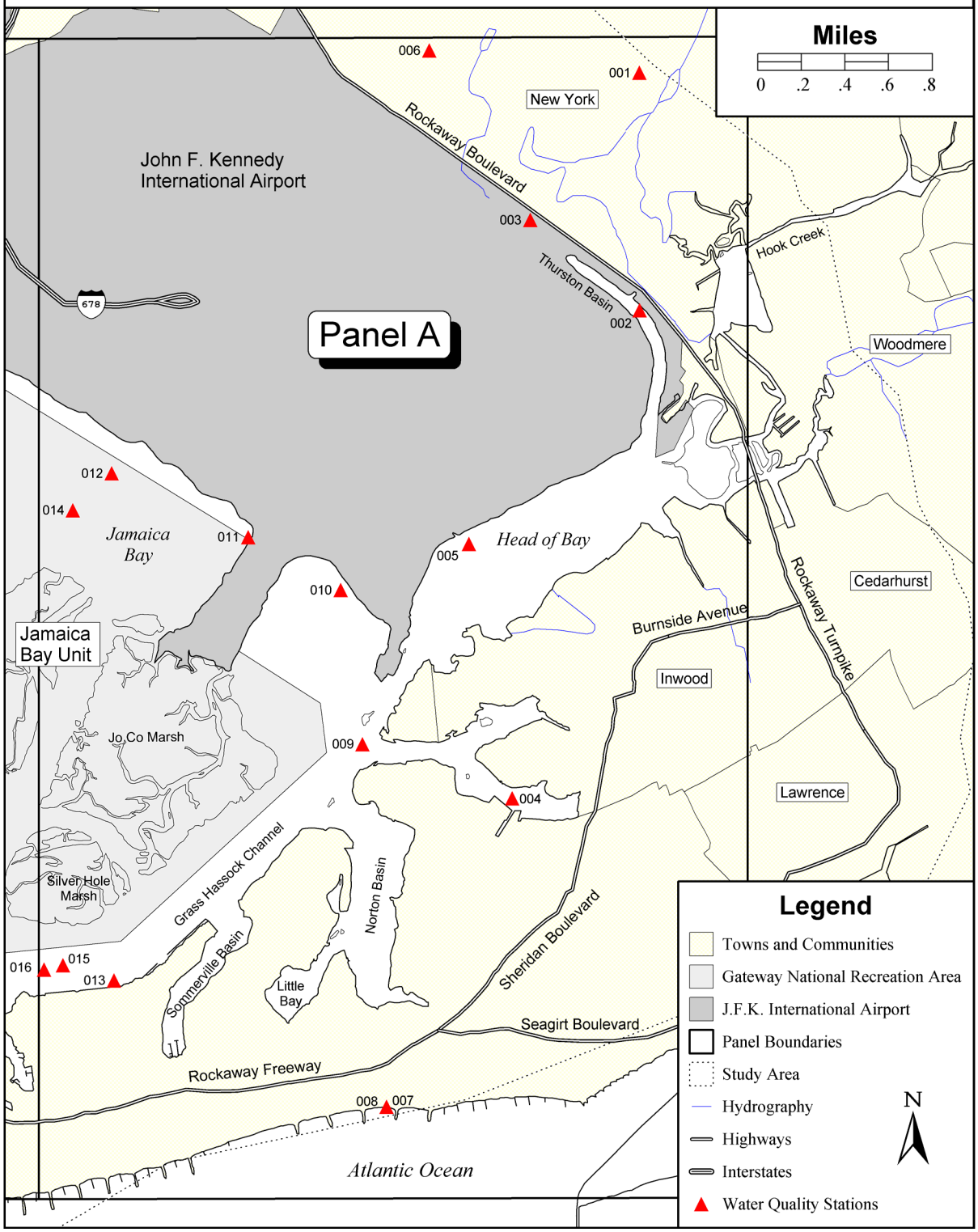
Water Quality Monitoring Locations

Graphic Panel Index



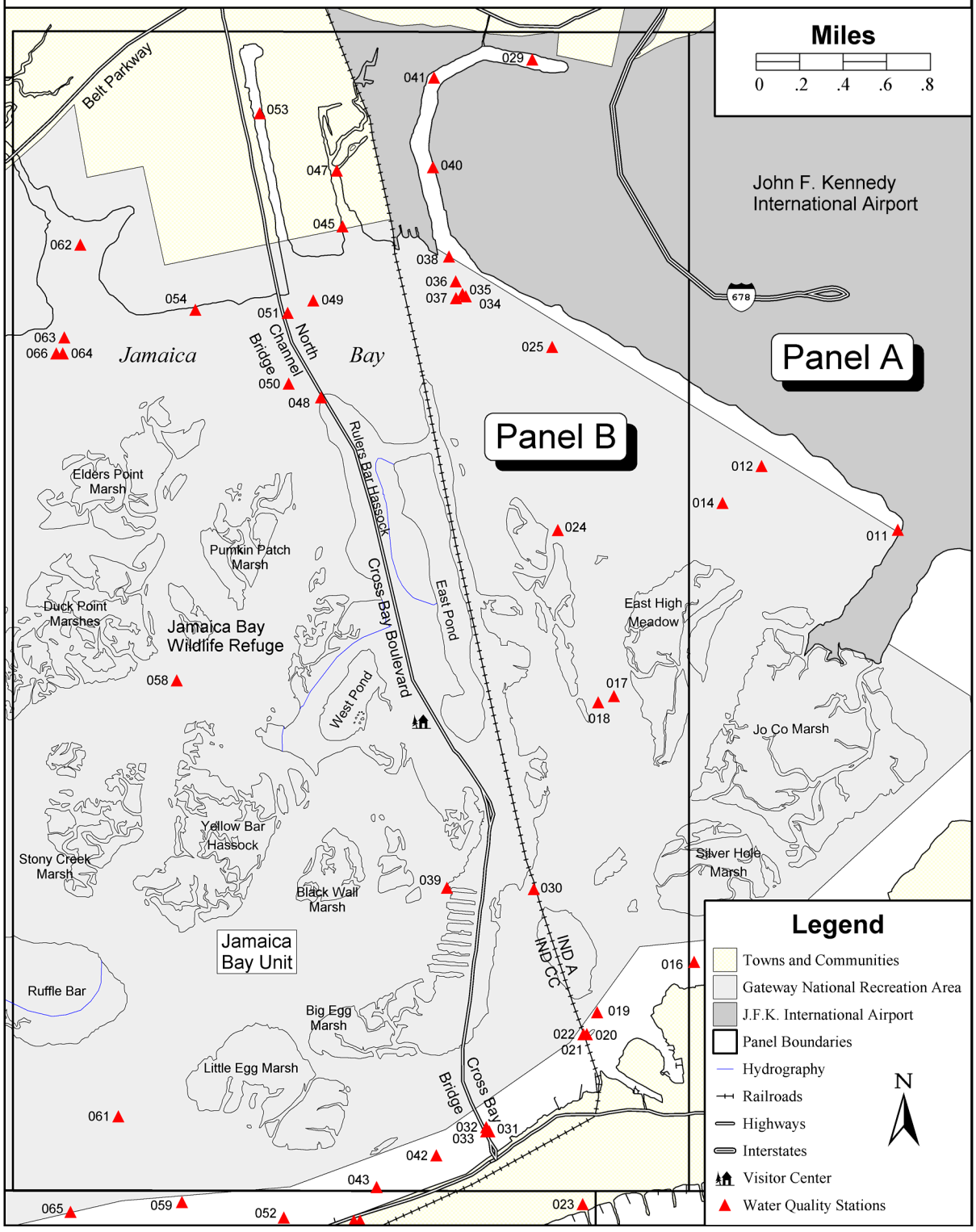
Gateway National Recreation Area

Water Quality Monitoring Locations



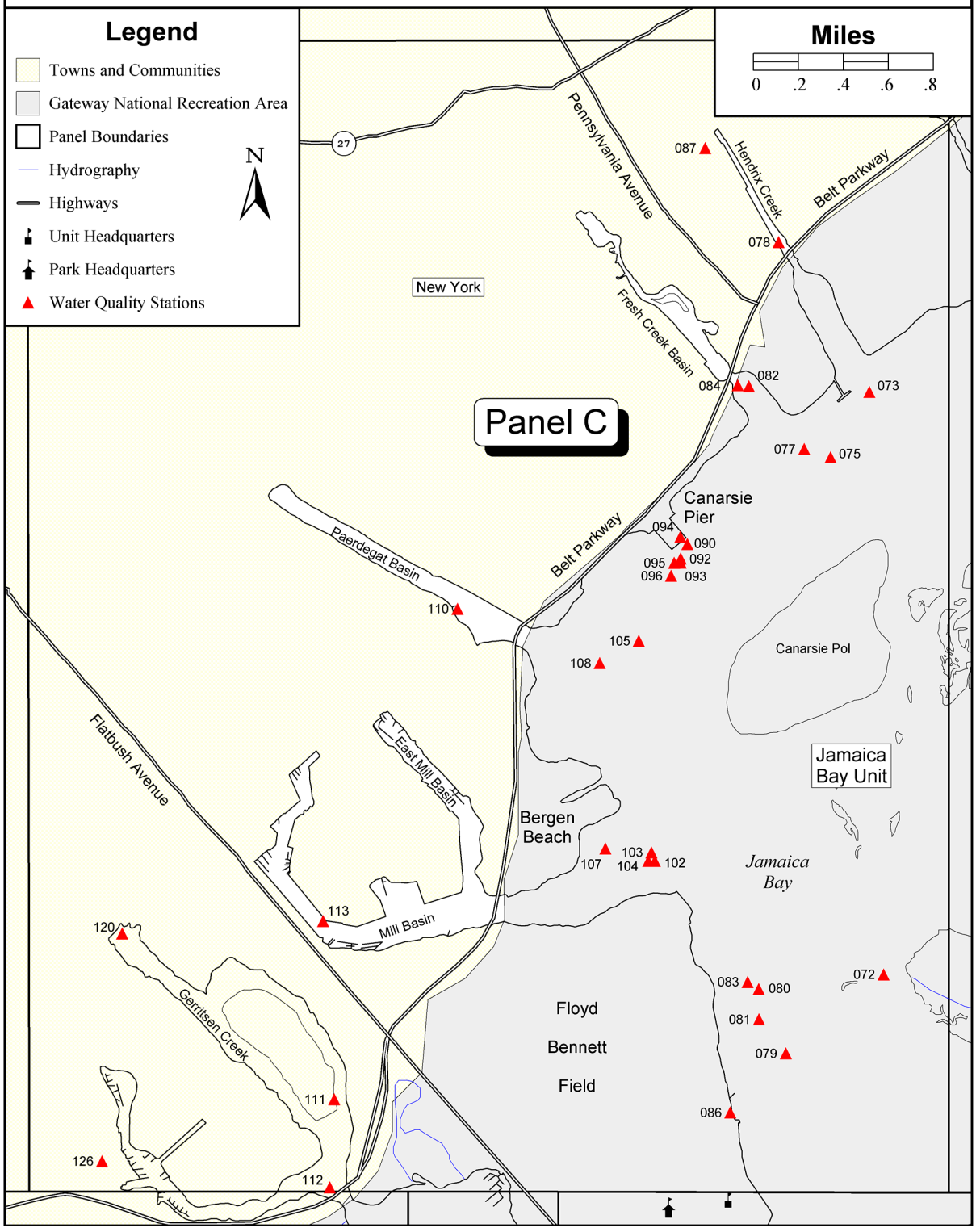
Gateway National Recreation Area

Water Quality Monitoring Locations



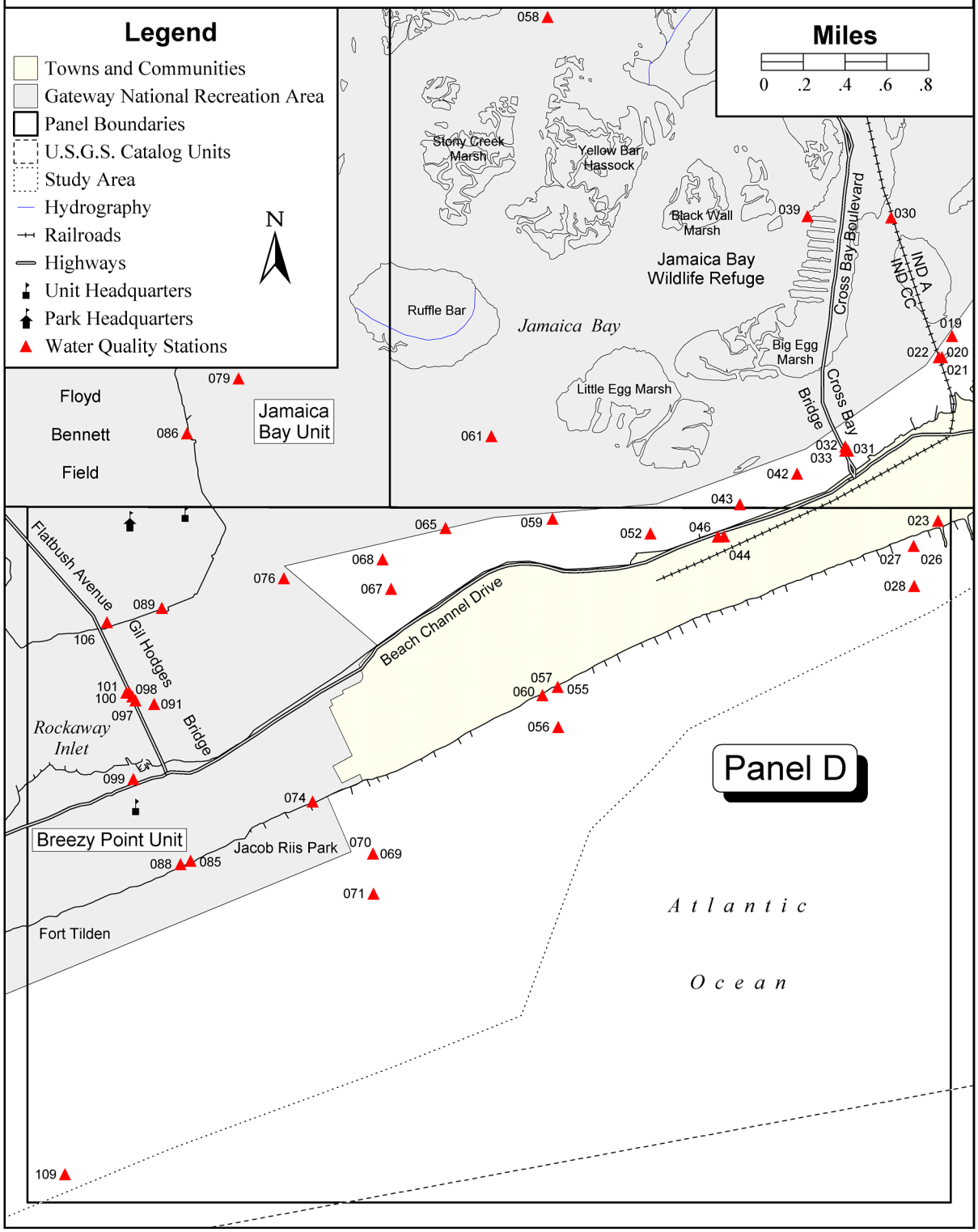
Gateway National Recreation Area

Water Quality Monitoring Locations



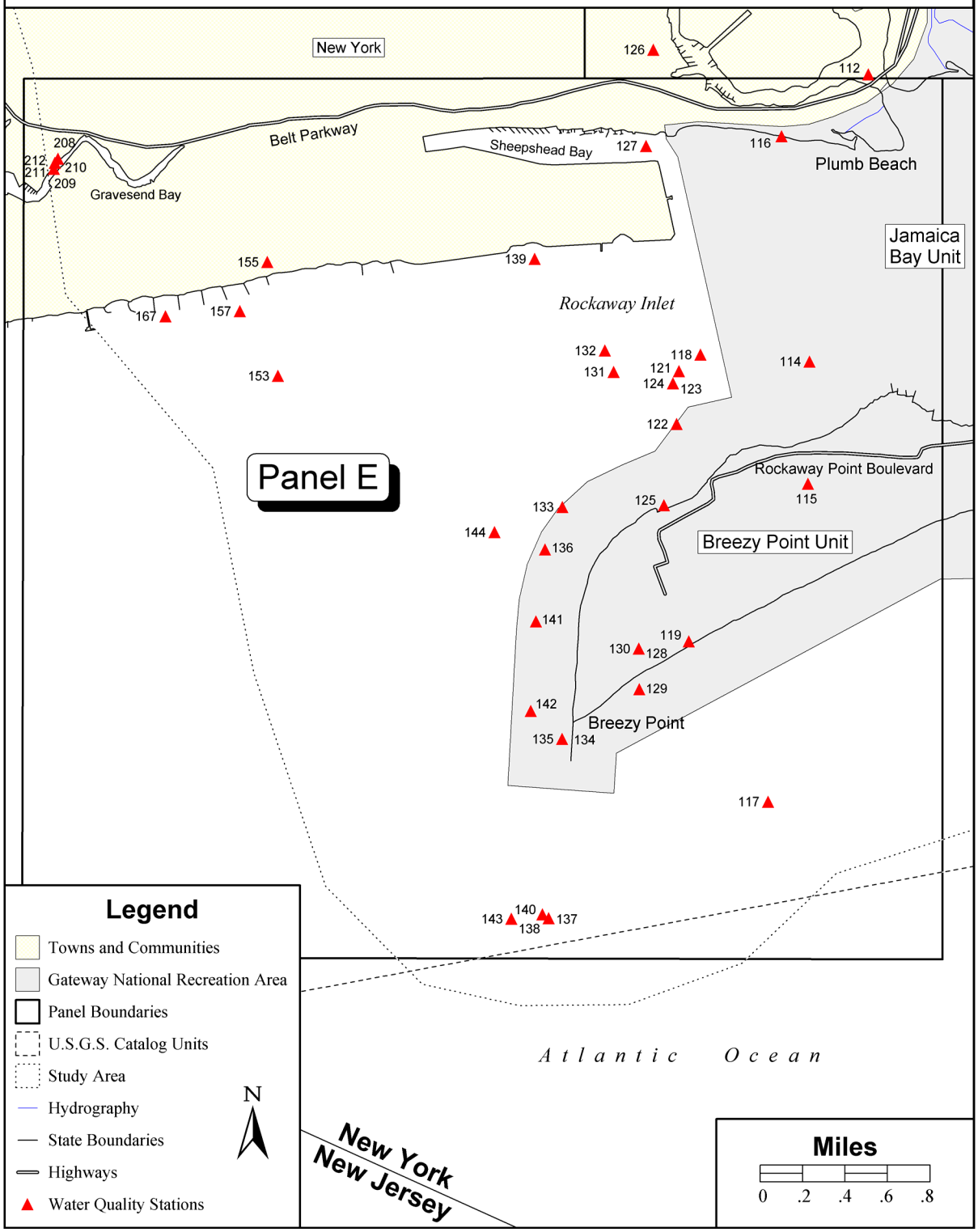
Gateway National Recreation Area

Water Quality Monitoring Locations



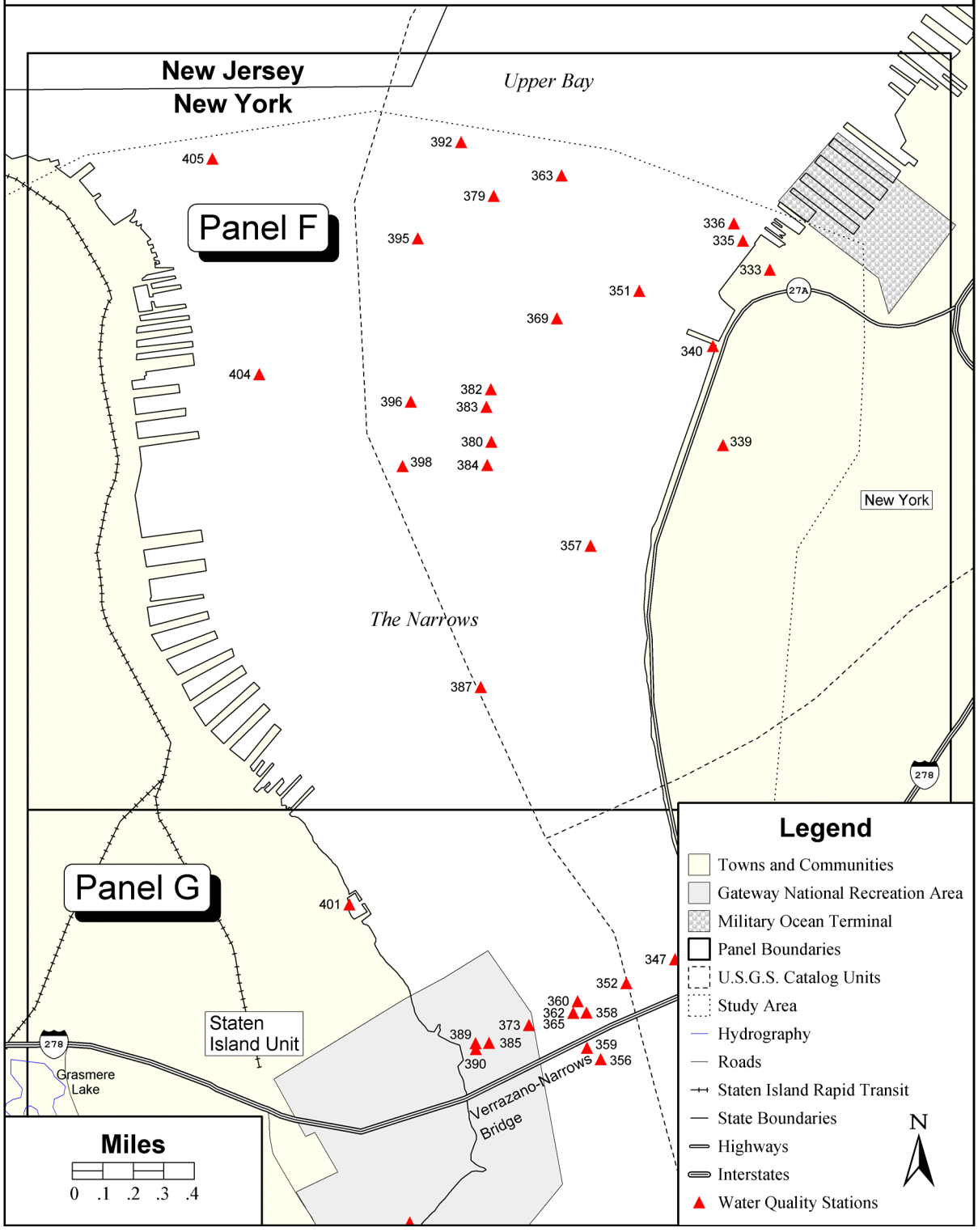
Gateway National Recreation Area

Water Quality Monitoring Locations



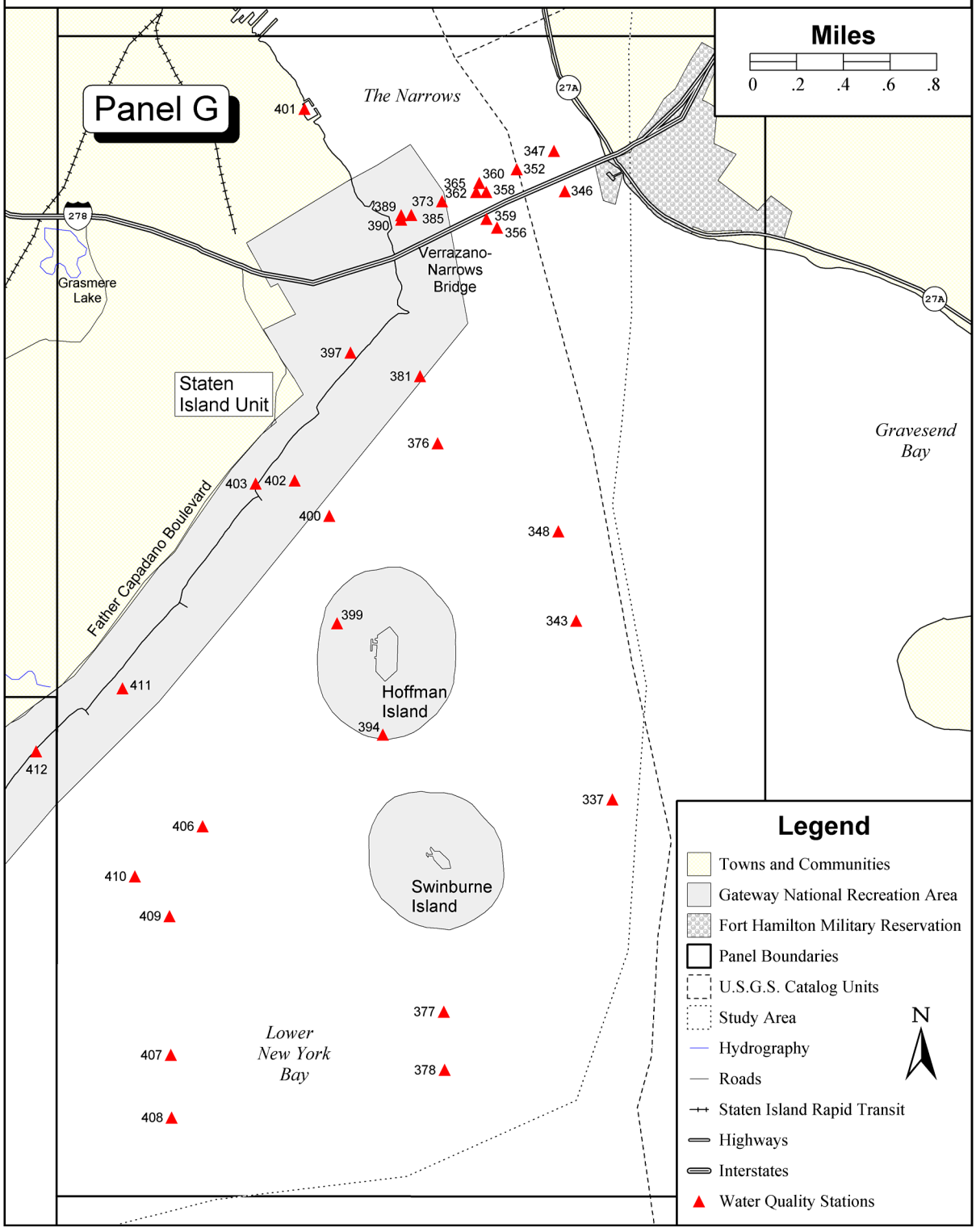
Gateway National Recreation Area

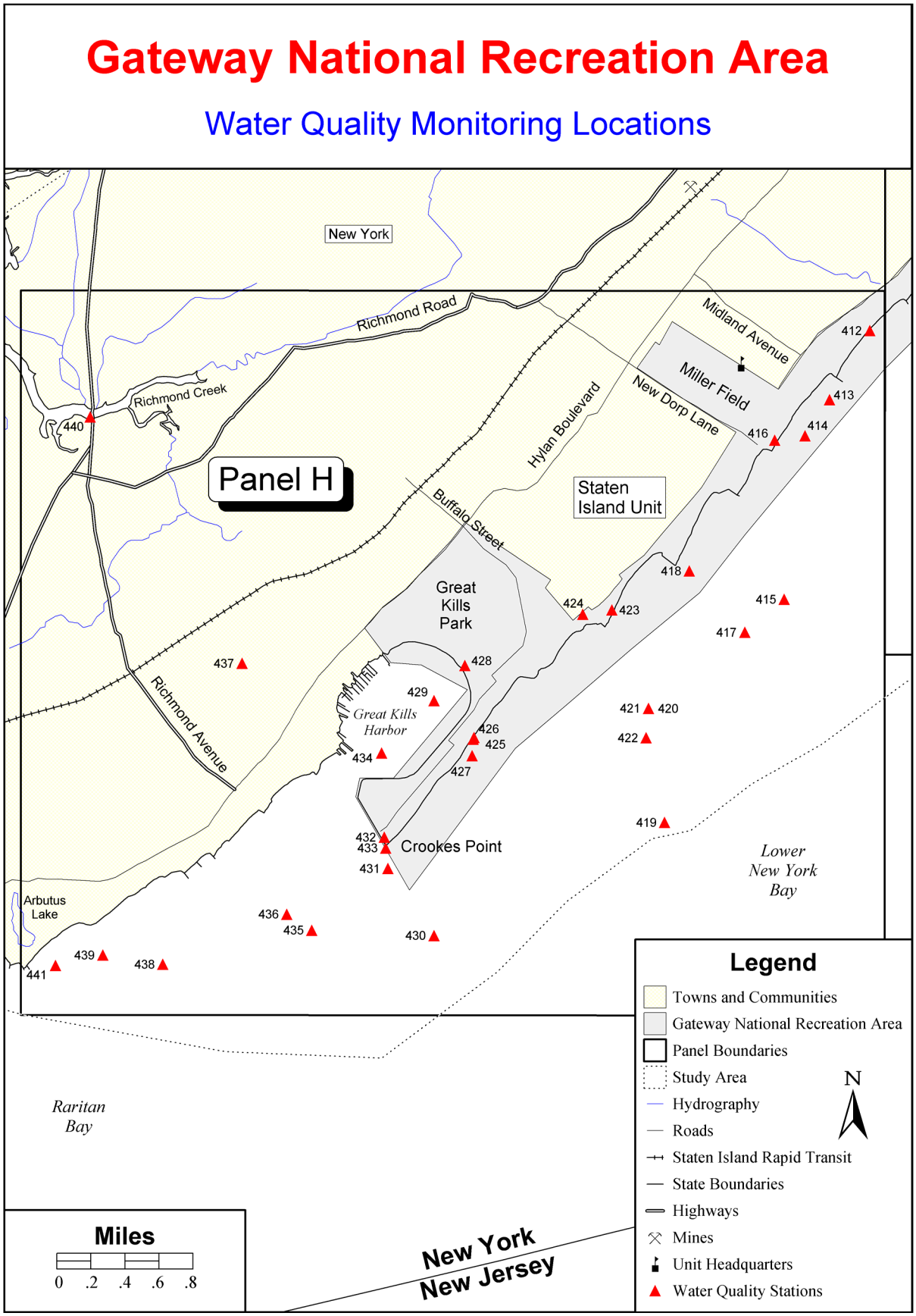
Water Quality Monitoring Locations



Gateway National Recreation Area

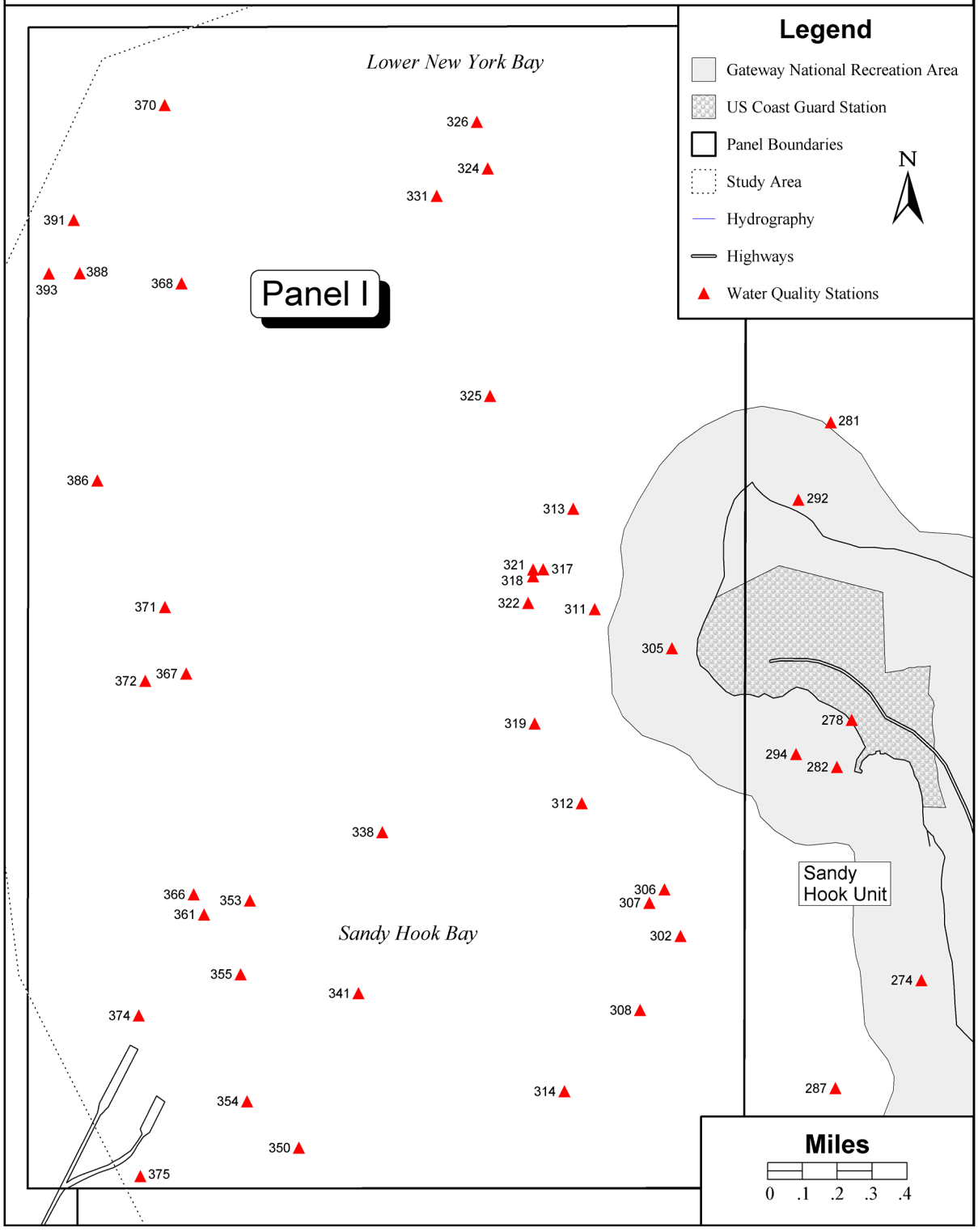
Water Quality Monitoring Locations




Gateway National Recreation Area
Water Quality Monitoring Locations
New York
Richmond Road
Midland Avenue
Miller Field
New Dorp Lane
Hylan Boulevard
Richmond Creek
Panel H
Staten Island Unit
Buffalo Street
Great Kills Park
Great Kills Harbor
Richmond Avenue
Crookes Point
Arbutus Lake
Lower New York Bay
Raritan Bay
New York
New Jersey
440
412
413
414
416
418
415
417
424
423
437
428
429
421
420
426
425
422
434
427
419
432
433
431
436
435
430
439
438
441
Legend
Towns and Communities
Gateway National Recreation Area
Panel Boundaries
Study Area
Hydrography
Roads
Staten Island Rapid Transit
State Boundaries
Highways
Mines
Unit Headquarters
Water Quality Stations
N
Miles
0 .2 .4 .6 .8

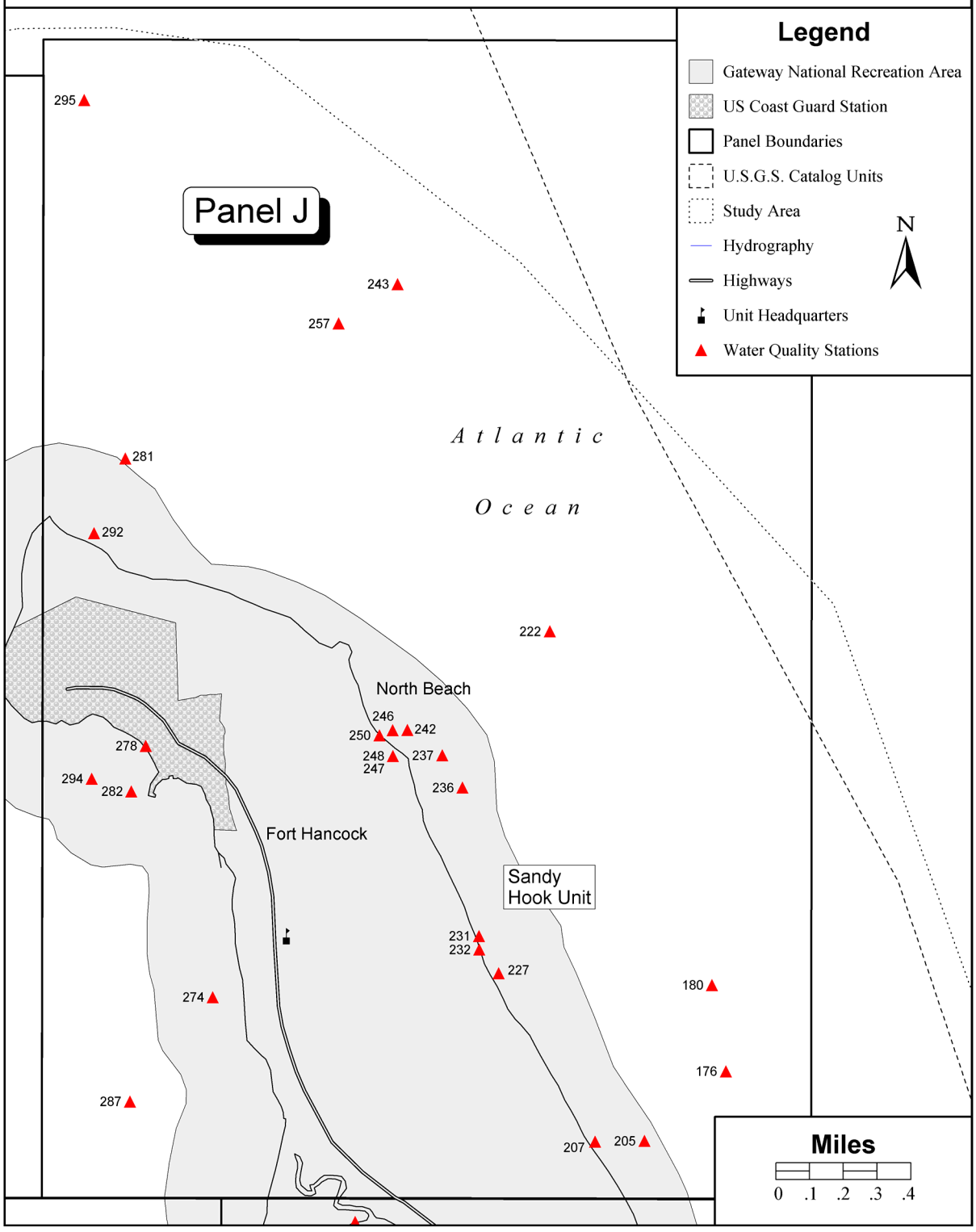
Gateway National Recreation Area

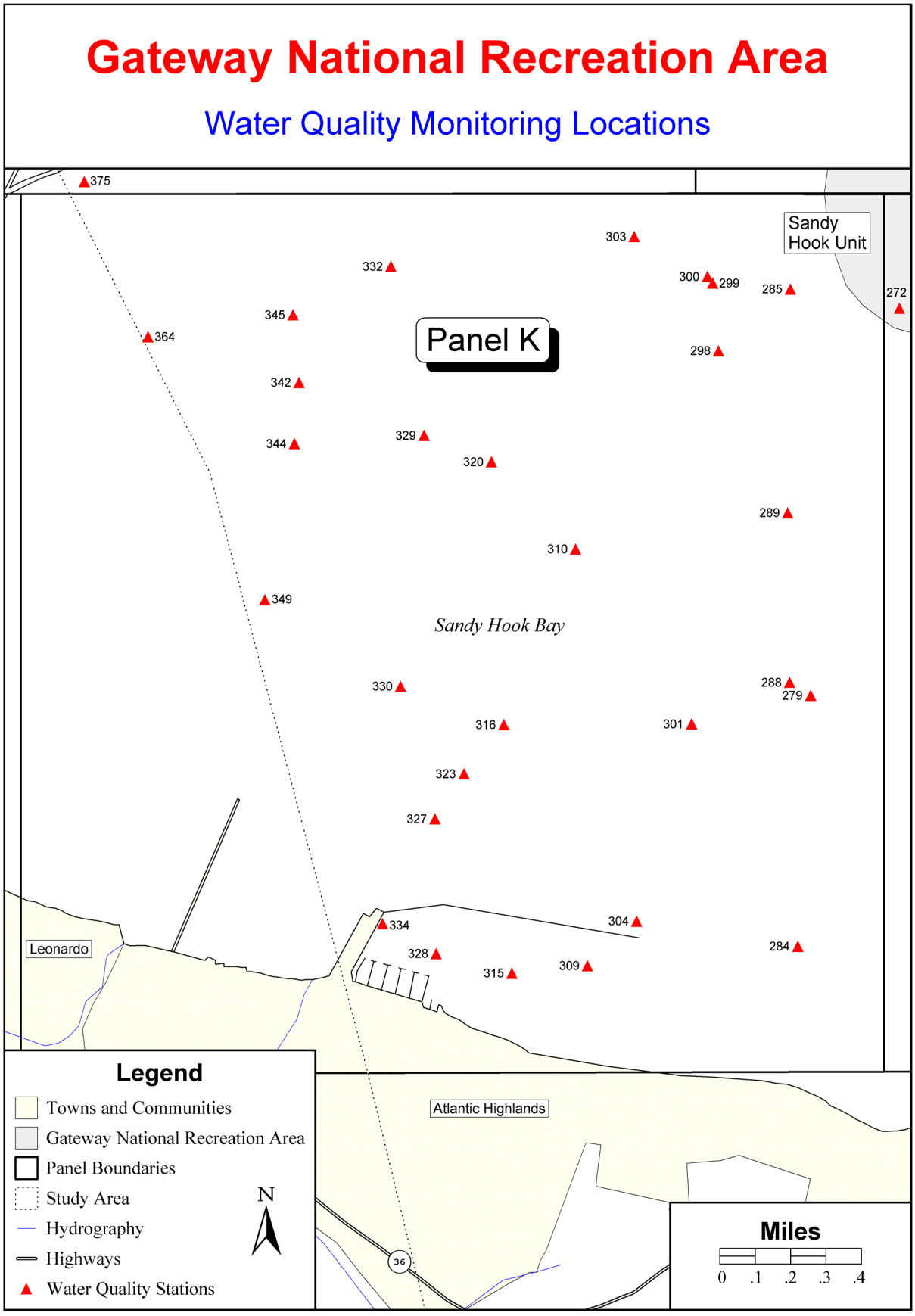
Water Quality Monitoring Locations

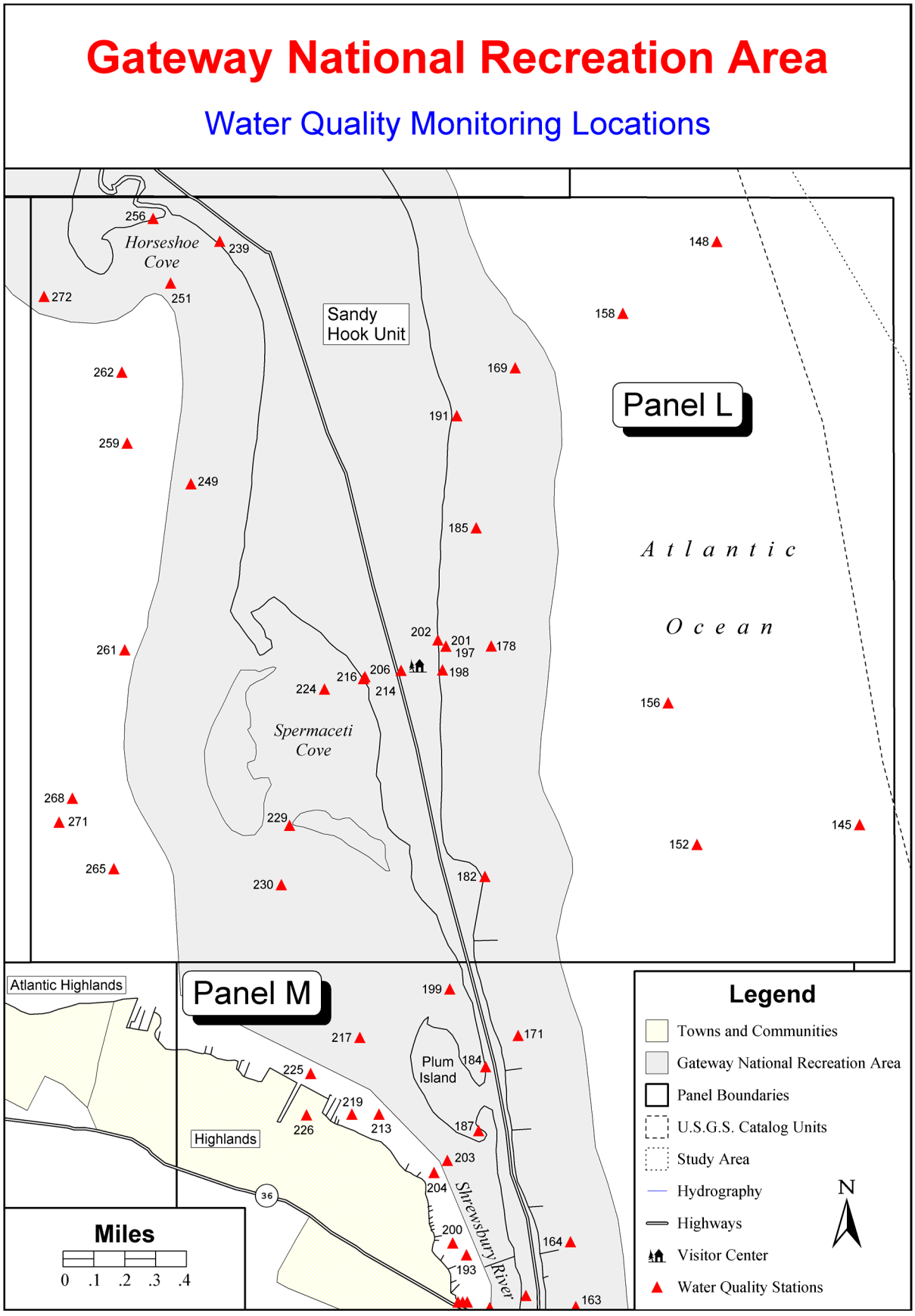


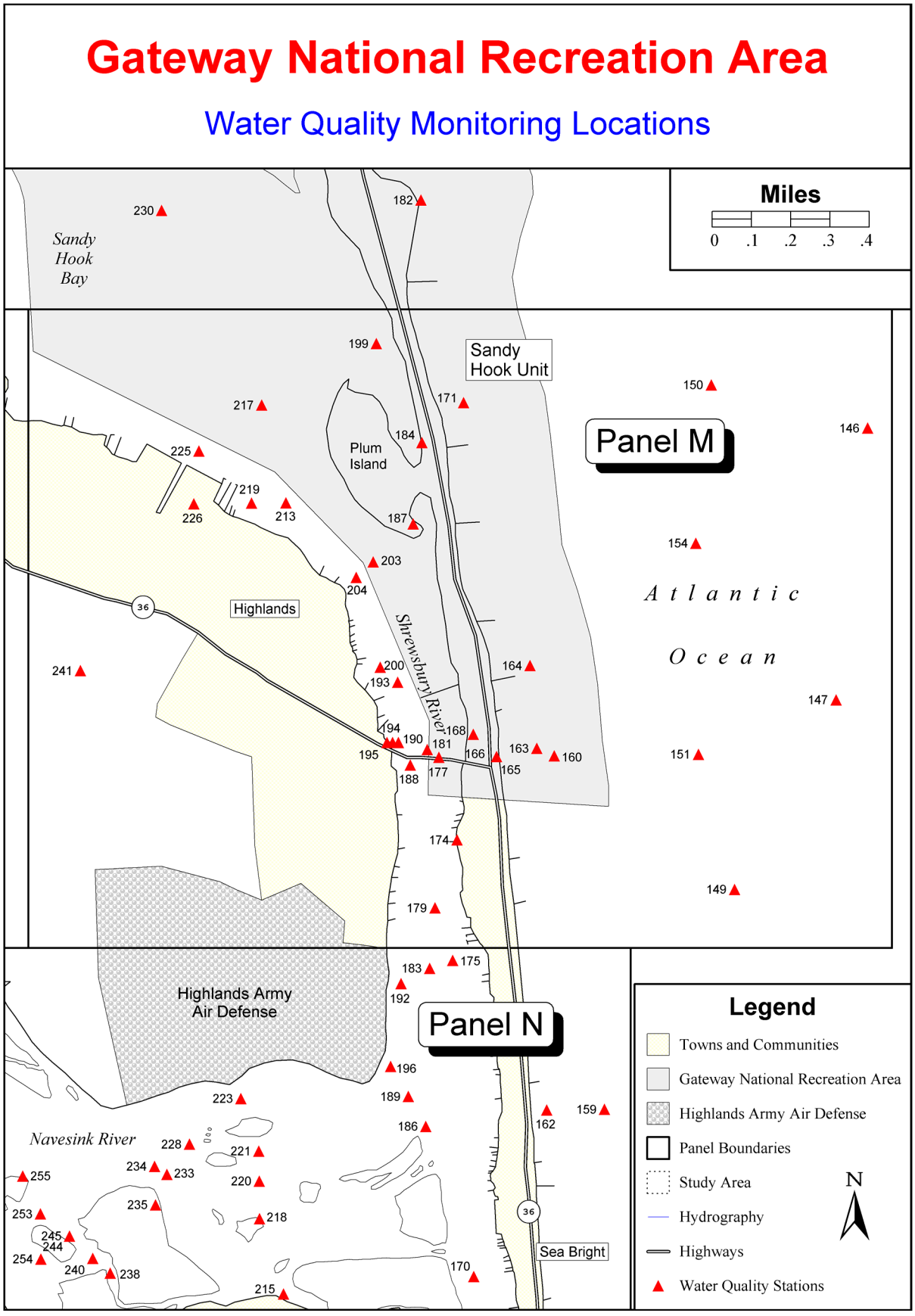
Gateway National Recreation Area

Water Quality Monitoring Locations



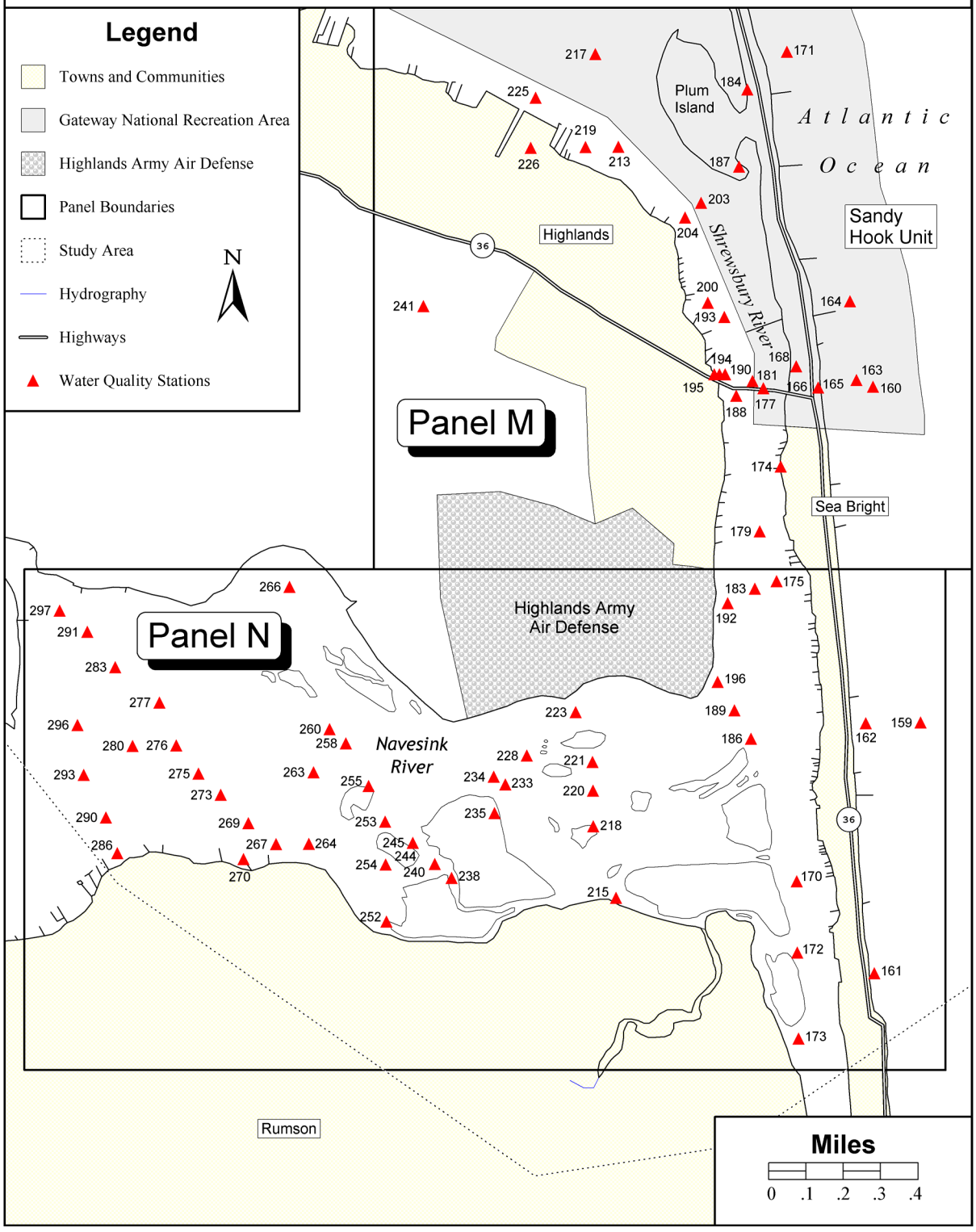

Gateway National Recreation Area
Water Quality Monitoring Locations
Panel K
Sandy Hook Unit
Sandy Hook Bay
Leonardo
Atlantic Highlands
375
303
332
300
299
285
272
345
364
298
342
329
344
320
289
310
349
330
288
279
316
301
323
327
334
304
328
284
315
309
36
Legend
Towns and Communities
Gateway National Recreation Area
Panel Boundaries
Study Area
Hydrography
Highways
Water Quality Stations
N
Miles
0 .1 .2 .3 .4


Gateway National Recreation Area
Water Quality Monitoring Locations
Horseshoe Cove
Sandy Hook Unit
Panel L
Atlantic Ocean
Spermaceti Cove
Panel M
Atlantic Highlands
Highlands
Plum Island
Shrewsbury River
36
Miles
0 .1 .2 .3 .4
Legend
Towns and Communities
Gateway National Recreation Area
Panel Boundaries
U.S.G.S. Catalog Units
Study Area
Hydrography
Highways
Visitor Center
Water Quality Stations
N
256
239
272
251
148
158
262
169
191
259
249
185
202
201
197
178
261
206
198
216
214
224
156
268
271
229
145
152
265
230
182
199
217
171
225
184
219
226
213
187
203
204
200
164
193
163


Gateway National Recreation Area
Water Quality Monitoring Locations
Miles
0 .1 .2 .3 .4
Sandy Hook Bay
Sandy Hook Unit
Plum Island
Highlands
Shrewsbury River
Atlantic Ocean
Panel M
Panel N
Highlands Army Air Defense
Navesink River
Sea Bright
36
230
182
199
217
171
150
146
184
225
219
226
213
187
154
203
204
241
200
193
164
147
194
190
181
168
163
160
195
166
165
188
177
151
174
149
179
183
175
192
196
223
189
159
162
186
228
221
234
233
255
220
253
235
218
245
244
254
240
238
215
170
Legend
Towns and Communities
Gateway National Recreation Area
Highlands Army Air Defense
Panel Boundaries
Study Area
Hydrography
Highways
Water Quality Stations
N

Gateway National Recreation Area

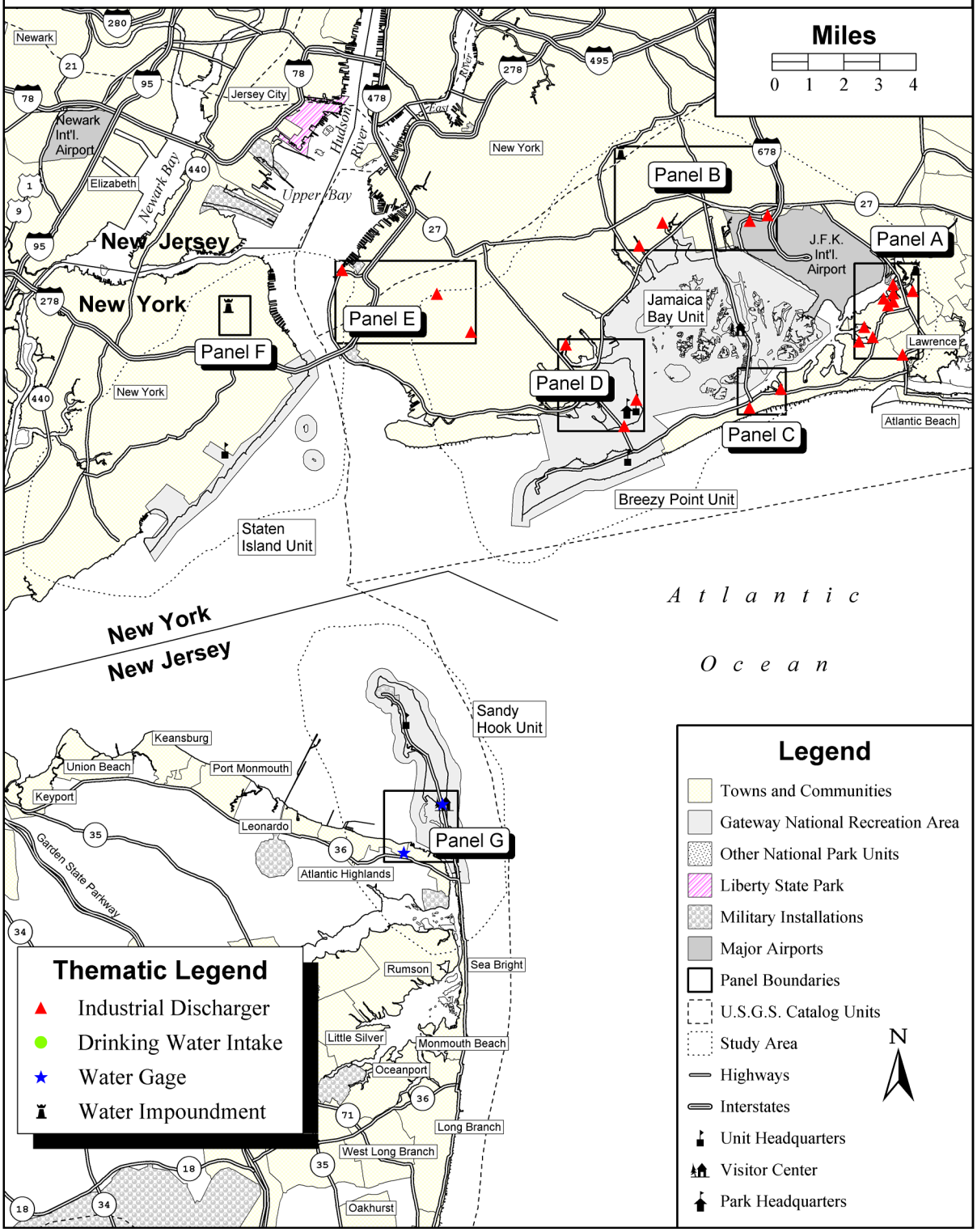
Water Quality Monitoring Locations

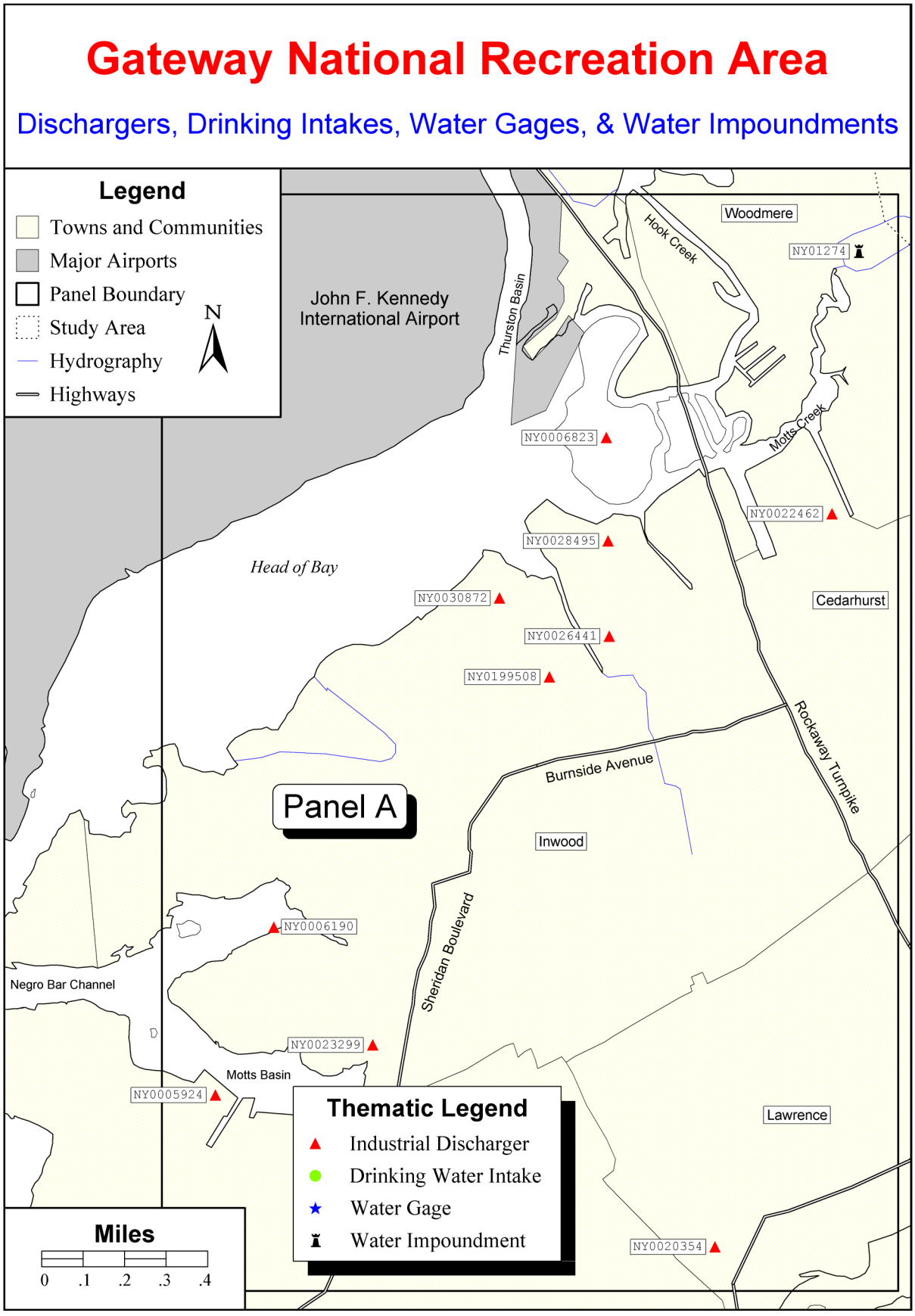


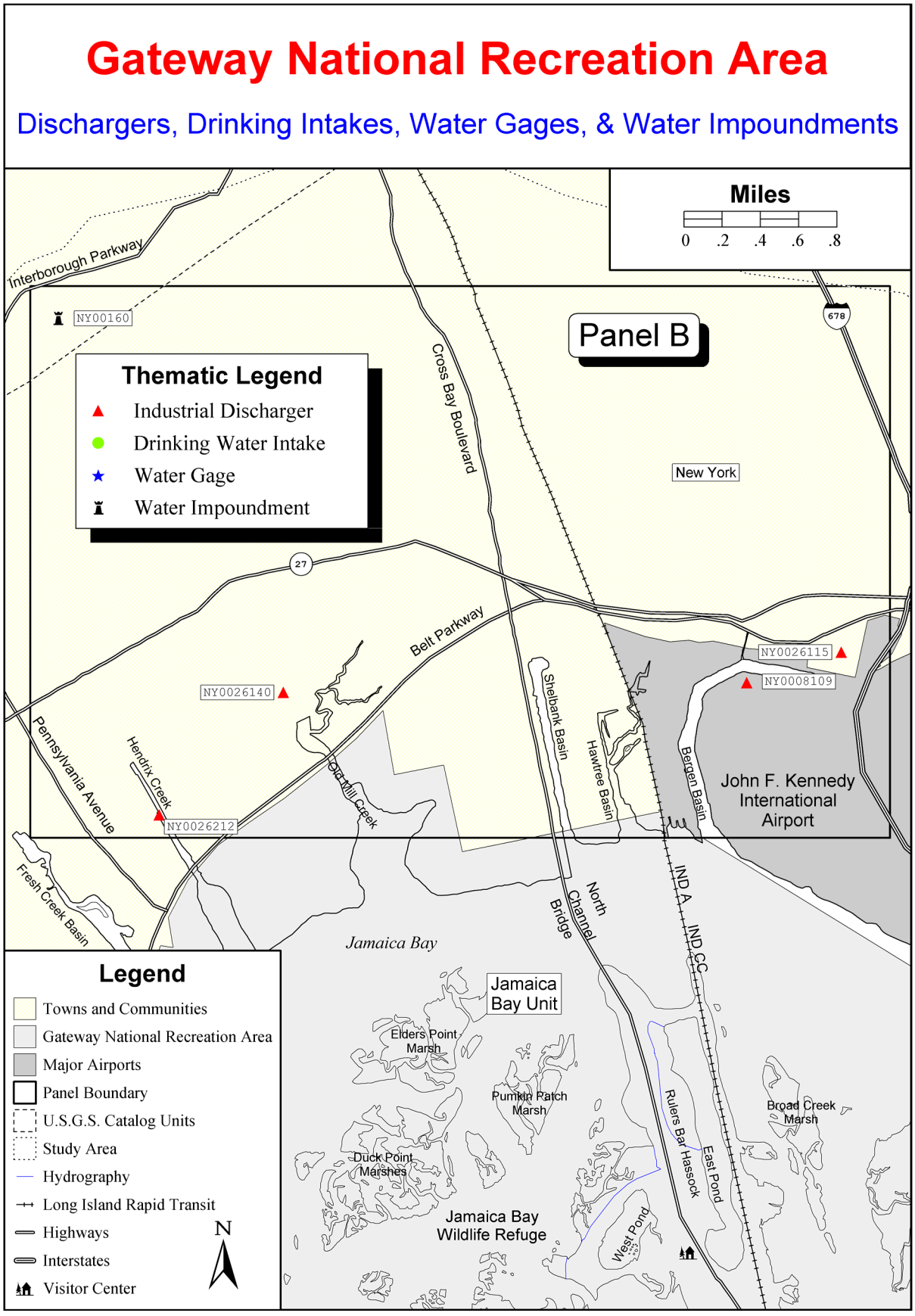
Gateway National Recreation Area

Dischargers, Drinking Intakes, Water Gages, & Water Impoundments

Graphic Panel Index

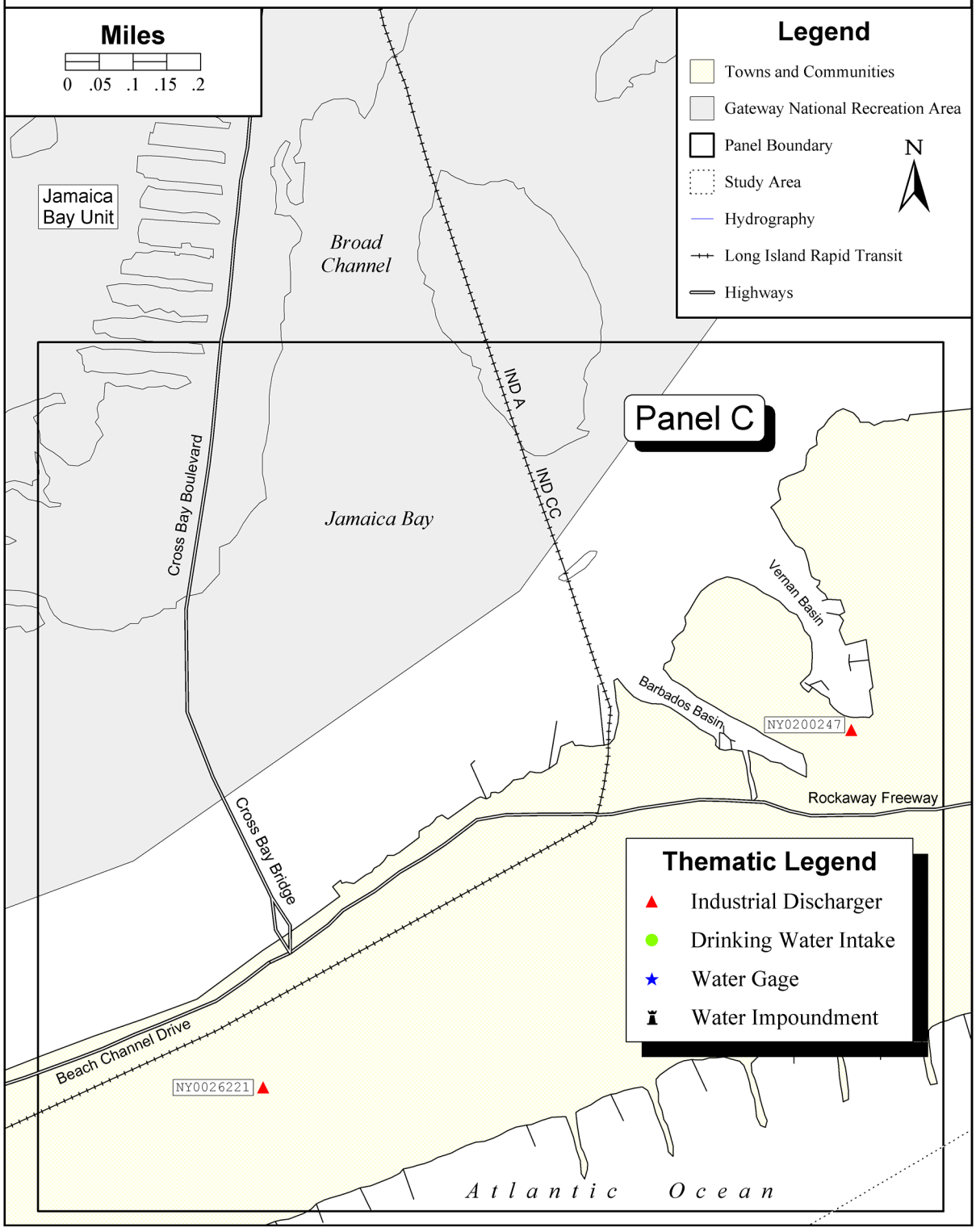


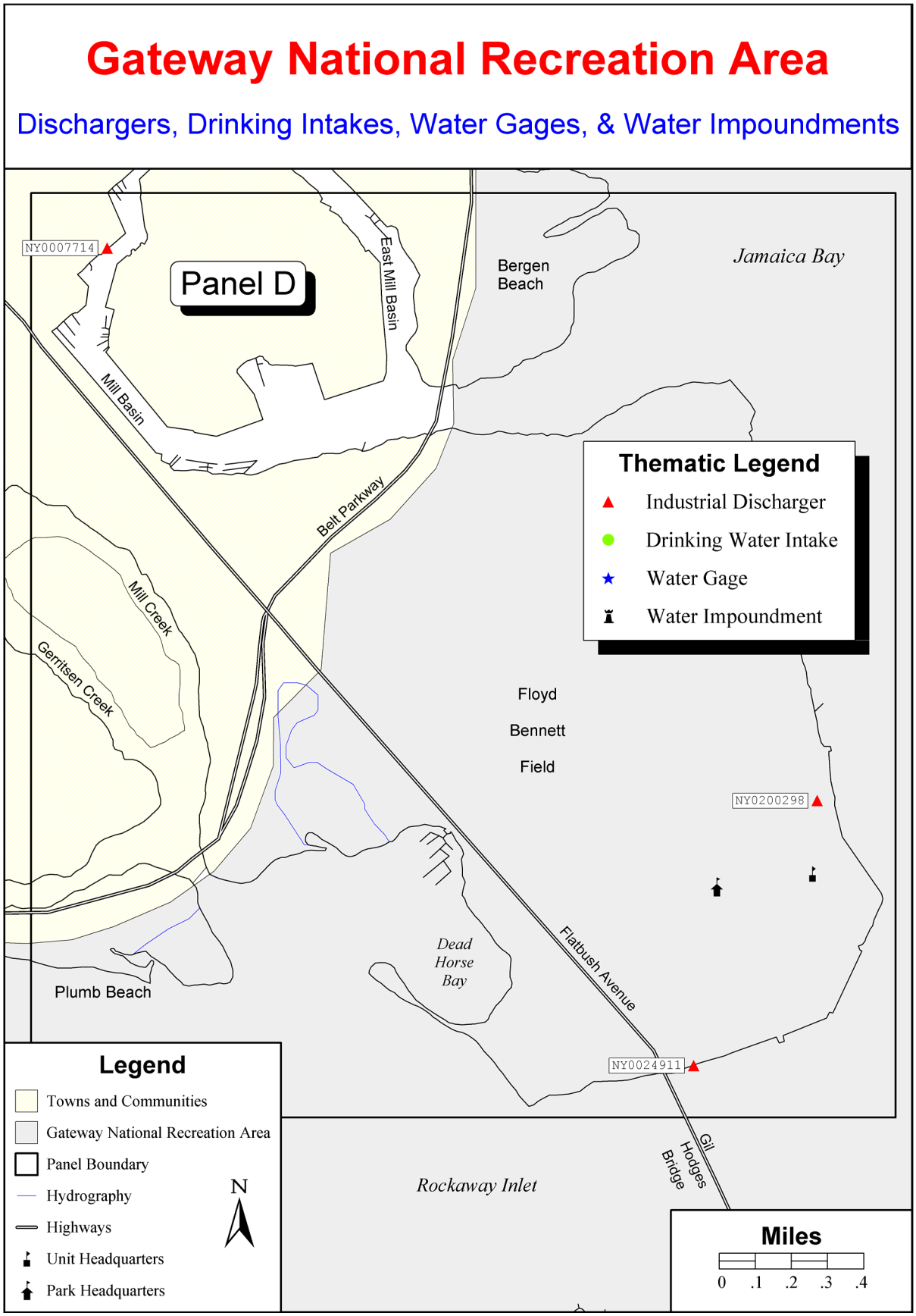

Gateway National Recreation Area
Dischargers, Drinking Intakes, Water Gages, & Water Impoundments
Legend
Towns and Communities
Major Airports
Panel Boundary
Study Area
Hydrography
Highways
N
John F. Kennedy International Airport
Thurston Basin
Hook Creek
Woodmere
NY01274
Motts Creek
NY0006823
NY0022462
NY0028495
Head of Bay
NY0030872
Cedarhurst
NY0026441
NY0199508
Rockaway Turnpike
Burnside Avenue
Panel A
Inwood
Sheridan Boulevard
NY0006190
Negro Bar Channel
NY0023299
Motts Basin
NY0005924
Thematic Legend
Industrial Discharger
Drinking Water Intake
Water Gage
Water Impoundment
Lawrence
NY0020354
Miles
0 .1 .2 .3 .4

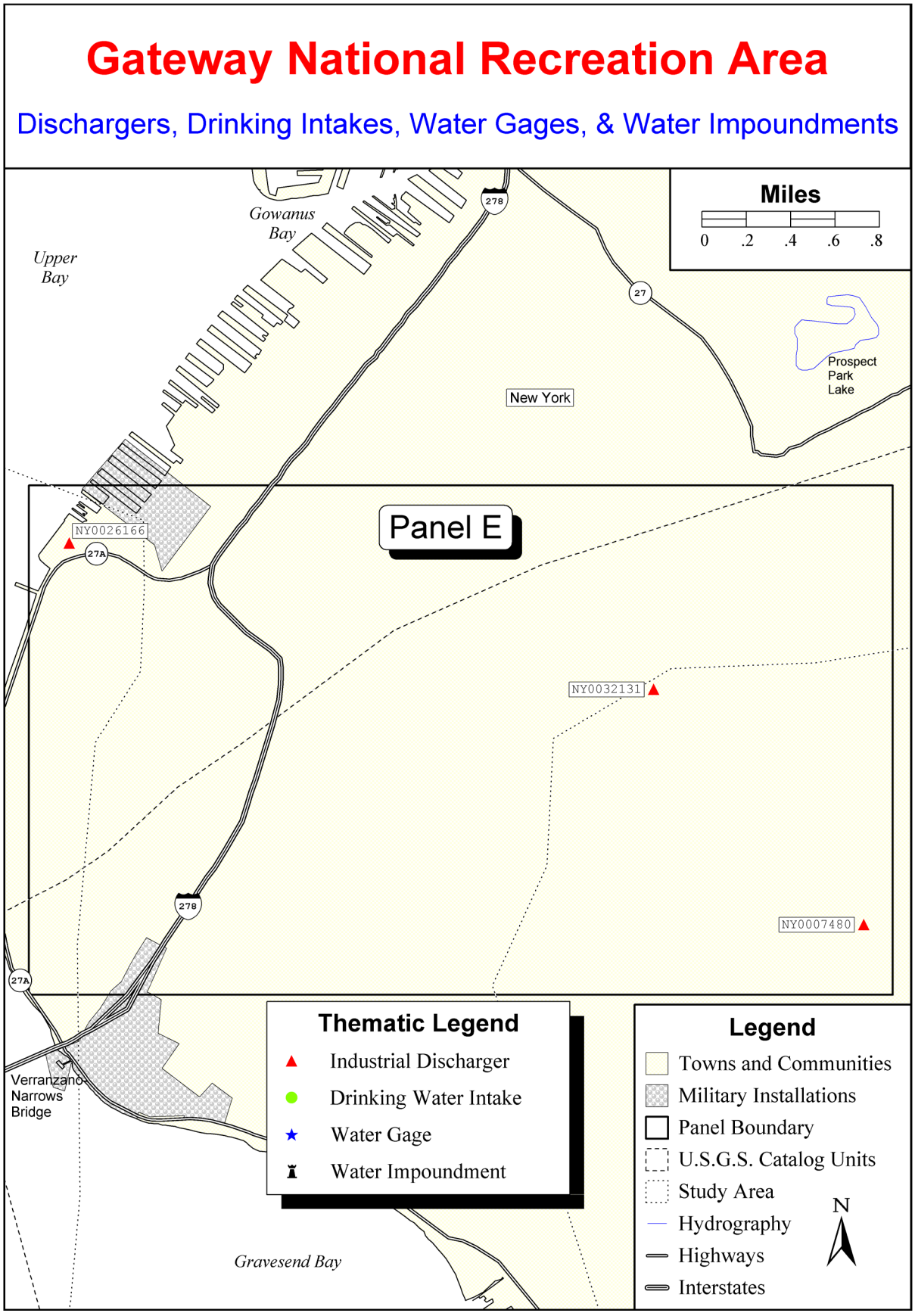

Gateway National Recreation Area
Dischargers, Drinking Intakes, Water Gages, & Water Impoundments
Miles
0 .2 .4 .6 .8
Panel B
Thematic Legend
Industrial Discharger
Drinking Water Intake
Water Gage
Water Impoundment
NY00160
NY0026140
NY0026212
NY0026115
NY0008109
Interborough Parkway
Cross Bay Boulevard
Belt Parkway
Pennsylvania Avenue
Hendrix Creek
Old Mill Creek
Fresh Creek Basin
Shelbank Basin
Hawtree Basin
Bergen Basin
New York
John F. Kennedy International Airport
North Channel Bridge
IND A
IND CC
Jamaica Bay
Jamaica Bay Unit
Elders Point Marsh
Pumkin Patch Marsh
Duck Point Marshes
Jamaica Bay Wildlife Refuge
Rulers Bar Hassock
East Pond
West Pond
Broad Creek Marsh
678
27
Legend
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Gateway National Recreation Area
Major Airports
Panel Boundary
U.S.G.S. Catalog Units
Study Area
Hydrography
Long Island Rapid Transit
Highways
Interstates
Visitor Center
N

Gateway National Recreation Area

Dischargers, Drinking Intakes, Water Gages, & Water Impoundments

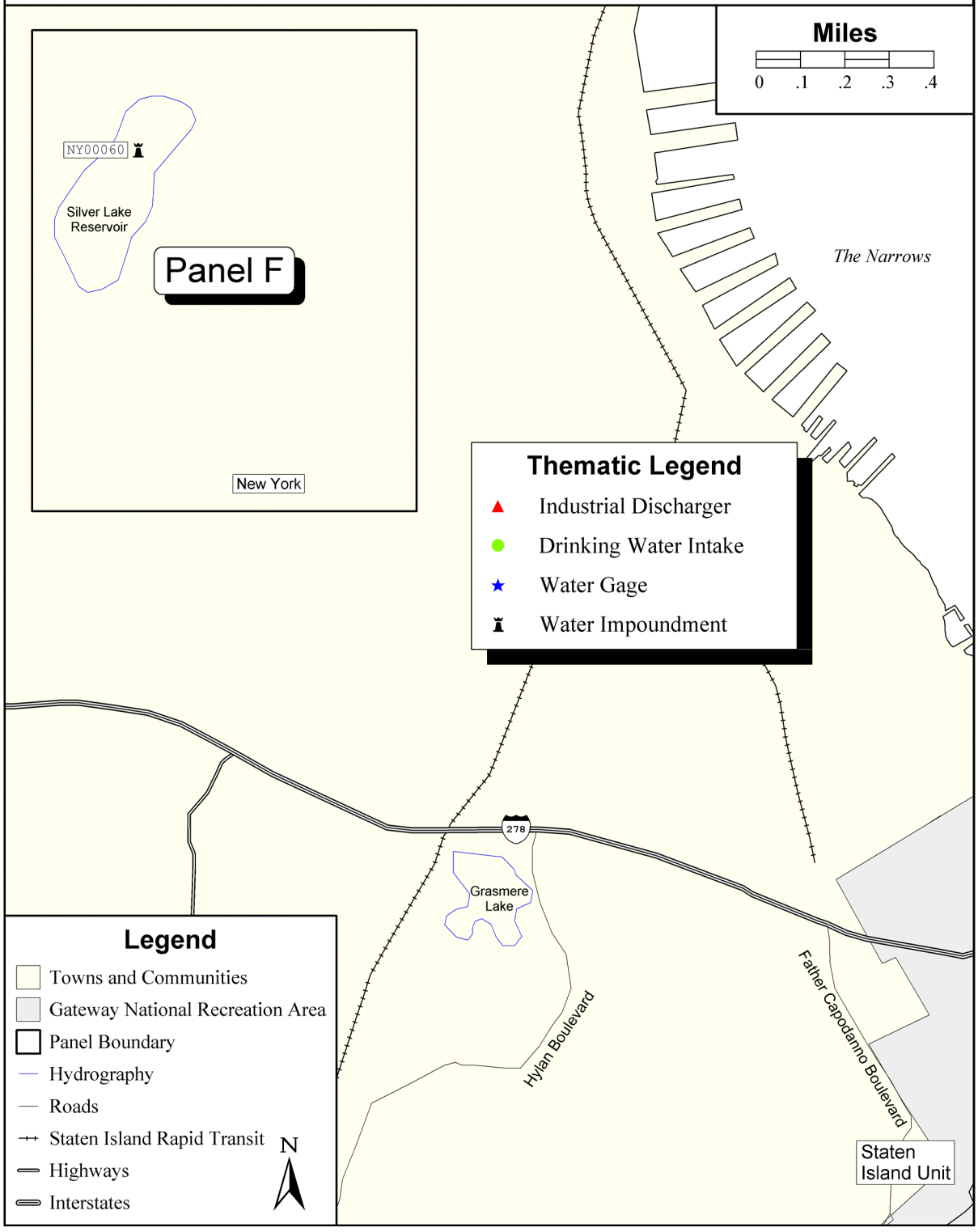


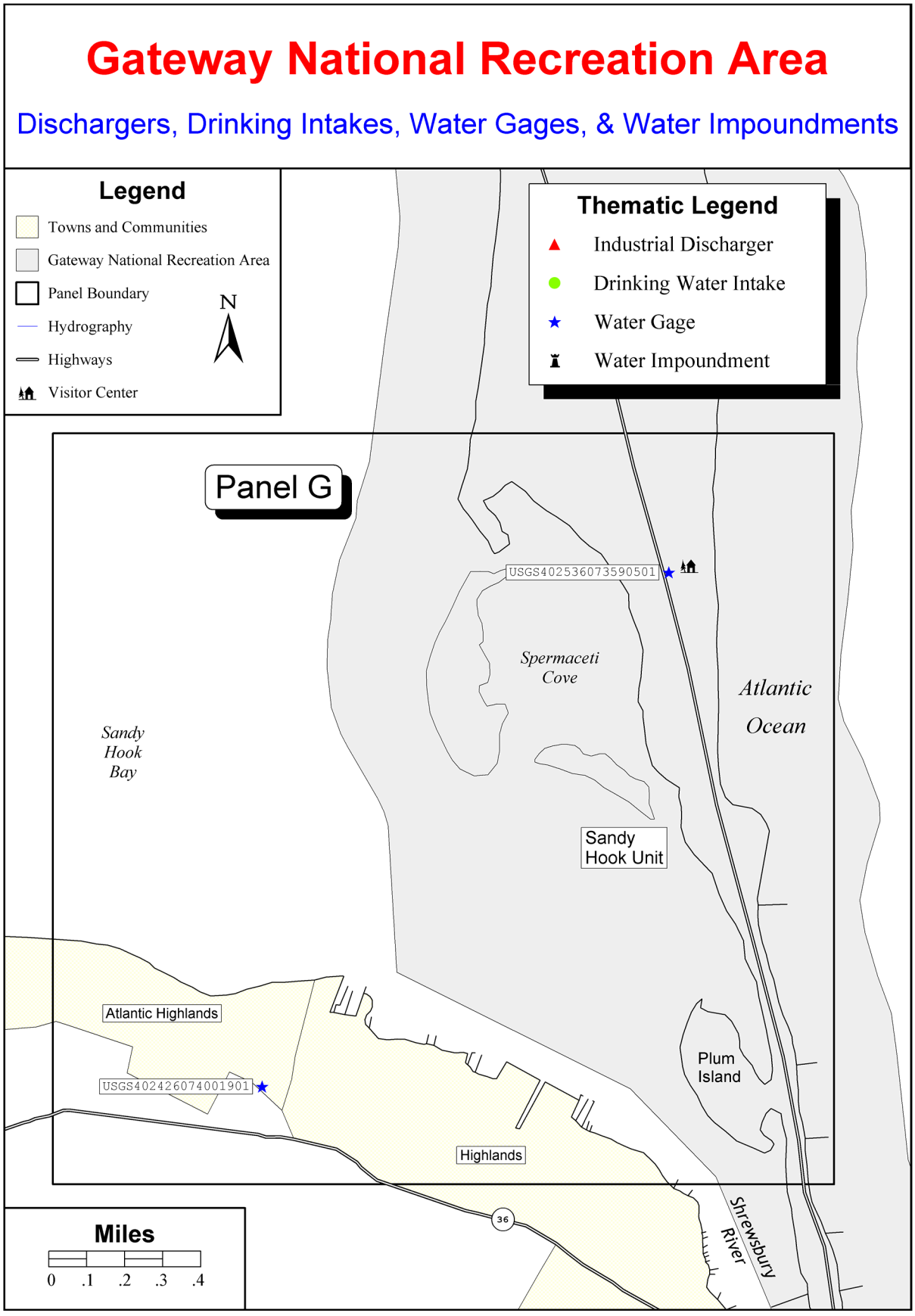

Gateway National Recreation Area
Dischargers, Drinking Intakes, Water Gages, & Water Impoundments
Panel D
NY0007714
East Mill Basin
Mill Basin
Bergen Beach
Jamaica Bay
Belt Parkway
Mill Creek
Gerritsen Creek
Thematic Legend
Industrial Discharger
Drinking Water Intake
Water Gage
Water Impoundment
Floyd Bennett Field
NY0200298
Dead Horse Bay
Flatbush Avenue
Plumb Beach
NY0024911
Gil Hodges Bridge
Rockaway Inlet
Legend
Towns and Communities
Gateway National Recreation Area
Panel Boundary
Hydrography
Highways
Unit Headquarters
Park Headquarters
N
Miles
0 .1 .2 .3 .4


Gateway National Recreation Area
Dischargers, Drinking Intakes, Water Gages, & Water Impoundments
Miles
0 .2 .4 .6 .8
Gowanus Bay
Upper Bay
278
27
Prospect Park Lake
New York
Panel E
NY0026166
27A
NY0032131
NY0007480
278
27A
Verranzano-Narrows Bridge
Thematic Legend
Industrial Discharger
Drinking Water Intake
Water Gage
Water Impoundment
Legend
Towns and Communities
Military Installations
Panel Boundary
U.S.G.S. Catalog Units
Study Area
Hydrography
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Interstates
N
Gravesend Bay

Gateway National Recreation Area

Dischargers, Drinking Intakes, Water Gages, & Water Impoundments




Gateway National Recreation Area
Dischargers, Drinking Intakes, Water Gages, & Water Impoundments
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Hydrography
Highways
Visitor Center
N
Thematic Legend
Industrial Discharger
Drinking Water Intake
Water Gage
Water Impoundment
Panel G
USGS402536073590501
Spermaceti Cove
Atlantic Ocean
Sandy Hook Bay
Sandy Hook Unit
Atlantic Highlands
USGS402426074001901
Highlands
Plum Island
Shrewsbury River
36
Miles
0 .1 .2 .3 .4

Industrial Facility Discharges, Drinking Water Intakes, Water Gages, and Water Impoundments Within the GATE Study Area

Industrial Facility Discharges

Site ID	Station/Facility Name	Address	City	Facility Receiving Water Name
NY0005924	FAR ROCKAWAY POWER STATION	FAR ROCKAWAY POWER STATIO	FAR ROCKAWAY	MOTTS BASIN
NY0006190	SHELL OIL INWOOD MARKETING	SHELL OIL INWOOD MARKETIN	INWOOD	INWOOD CK
NY0006823	STAR ENTERPRISE	TEXACO INC. INWOOD TERMIN	INWOOD	JAMAICA BAY
NY0007480	DUVEEN SOAP CORP	154 MORGAN AVE	BROOKLYN	ENGLISH KILLS
NY0007714	ATLANTIC FUELS MADISON TERM.	ATLANTIC FUELS MADISON TE	BROOKLYN	MILL BASIN
NY0008109	J.F. KENNEDY INTERN'L AIRPORT	J.F. KENNEDY INTERN'L AIR	NEW YORK	BERGEN BASIN
NY0020354	LAWRENCE (V) WATER POL CTRL FA	LAWRENCE (V) WPCF	LAWRENCE	BANNISTER CK
NY0022462	CEDARHURST (V) WPCP	CEDARHURST (V) WPCP	CEDARHURST	MOTT CK
NY0023299	OIL CO., INC. DBA EAGLE OIL	OIL CO., INC. DBA EAGLE O	INWOOD	MOTTS BASIN
NY0024911	FLOYD BENNETT FIELD	FLOYD BENNETT FIELD	BROOKLYN	JAMAICA BAY
NY0026115	JAMAICA WPC	NYCDEP JAMAICA WPCP	JAMAICA	JAMAICA BAY
NY0026140	NEW YORK CITY DEPT OF WATER RE	AUTUMN AVE AND FAIRFIELD	N.Y. BROOKLYN	OLD MILL C
NY0026212	26TH. WARD WPC	NYCDEP 26TH WARD	BROOKLYN	HENDRIX ST CANAL
NY0026221	ROCKAWAY WTP	NYCDEP ROCKAWAY WPCP	ROCKAWAY	JAMAICA BAY
NY0026441	NASSAU CO SD#1 INWOOD STP	NASSAU CO SD#1 INWOOD S	MINEOLA	JAMAICA BAY HEADWATER
NY0028495	CONCORD OIL COMPANY	CONCORD OIL COMPANY	LAWRENCE	JAMAICA BAY
NY0030872	CARBO INDUSTSRIES, INC	CARBO INDUSTRIES, INC	INWOOD	JAMAICA BAY
NY0032131	RICHMOND SHOPPING CENTER ASSOC	4606 16TH AVE	BROOKLYN	RICHMOND CK
NY0199508	MOBIL OIL INWOOD TERMINAL	MOBIL OIL INWOOD TERMINAL	INWOOD	HEAD OF BAY
NY0200247	BAY TERMINALS OF ROCKAWAY	BAY TERMINALS OF ROCKAWAY	STATEN ISLAND	VERNAM BASIN
NY0200298	NEW ENGLAND POLLUTION CONTROL	NEW ENGLAND POLLUTION CON	BROOKLYN	JAMAICA BAY
NY0026166	OWLS HEAD WPC	NYCDEP OWLS HEAD WPCP	NEW YORK	UPPER BAYS

Drinking Water Intakes

Site ID	Station/Facility Name	City	Population Served	Avg. Daily Production (Gal./Day)

No drinking water intakes available for this study area.

Water Gages

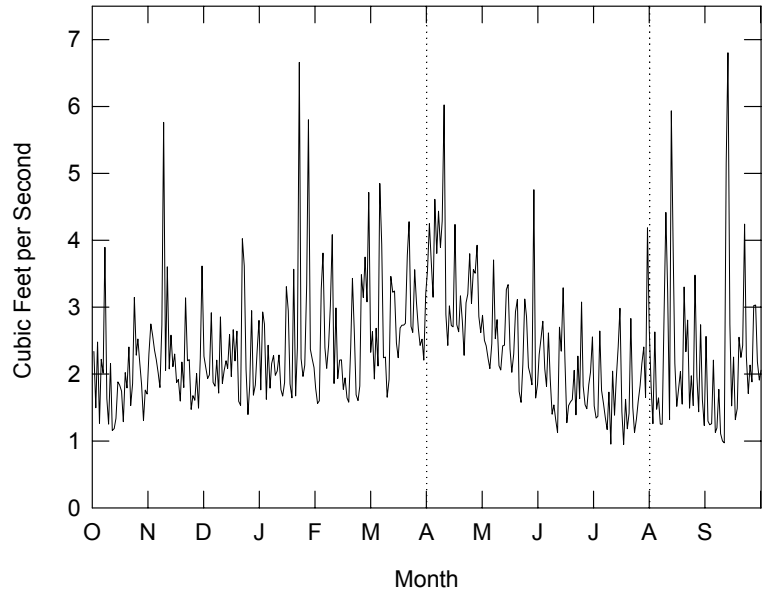
Site ID	Station Name	Site Type	Drainage Area (Square Miles)	Begin Year	End Year
USGS402426074001901	AHWD B OBS	Well			
USGS402536073590501	SANDY HOOK SP1	Well			

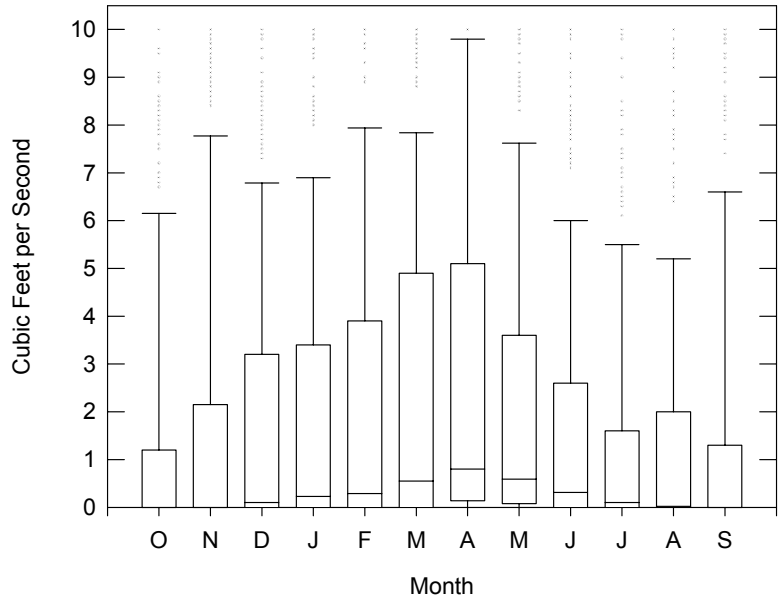
Water Impoundments

Site ID	Impoundment Name	Owner	Primary Purpose	Type of Dam	Downstream Hazard	Year Completed
NY00160	RIDGEWOOD RESERVOIR DAM	CITY OF NEW YORK	Supply	Earth	High	1891
NY01274	MOTTS CREEK DAM	COUNTY OF NASSAU	Rec.	Earth	Low	1955
NY00060	SILVER LAKE RESERVOIR DIKE	CITY OF NEW YORK	Supply	Earth	High	1917

REPRESENTATIVE MEAN ANNUAL HYDROGRAPH FOR SEASONAL ANALYSIS

GATEWAY NATIONAL RECREATION AREA
Valley Stream at Valley Stream, NY
01311500, 31 year record





Representative mean annual hydrograph (top) and distribution of daily flows by month (bottom) for hydrologic season determination. Box and whiskers represent a five number summary; bottom whisker cap is 10th percentile, bottom of box is 25th percentile, internal line is median, top of box is 75th percentile, and top whisker is 90th percentile. Hydrologic seasons for Gateway National Recreation Area are: Aug. 1 to Mar. 31, and Apr.1 to Jul. 31.

CONTACTS FOR AGENCY CODES RETRIEVED FOR GATE

AGENCY	PRIMARY CONTACT NAME	ORGANIZATION	PHONE NUMBER(S)	
21350000	JUTIS, BILL	USEPA REGION 2	(212)264-4753	
1111H030	JUTIS, BILL	USEPA REGION 2	(212)264-4753	
31ISC2RS	GOLUB, HOWARD	INTRSTATE SANITATION COMM	(212)582-0380	
21NYDEC2	SLOAN, RON	NEW YORK DEPT ENV CONSERV	(518)457-1769	
REGII208	JUTIS, BILL	USEPA REGION 2	(212)264-4753	
11EPAMW	HOELMAN, LOUIS	USEPA HQ	(202)260-7050	
11NATDC	HOELMAN, LOUIS	USEPA HQ	(202)260-7050	
11NYCOR	SYDORIAK, MS. OKSANA	CORPS OF ENGINEERS	(212)264-5621	
11NYBGHT	JUTIS, BILL	USEPA REGION 2	(212)264-4753	
11NPSWRD	TUCKER, DEAN	NATIONAL PARK SERVICE	(970)225-3516	(970)225-3518
21NYDEC1	ESTABROOKS, FRANK	NEW YORK DEPT ENV CONSERV	(518)457-8819	
21NYDECA	MEYERS, JEFF	NY. DEPT OF ENV. CONS.	(518)457-8819	
21NYDECB	MEYERS, JEFF	NY. DEPT OF ENV. CONS.	(518)457-8819	
11BIOACC	KRONER, STEVE	U.S. EPA MDSD	(202)260-4761	
21NJDEP1	BEYM, TERRY	NEW JERSEY DEPT ENV PROT	(609)633-1199	
112WRD	WILLIAMS, OWEN	US GEOLOGICAL SURVEY	(703)648-5610	
1111H031	JUTIS, BILL	USEPA REGION 2	(212)264-4753	
11NOAMID	HOELMAN, LOUIS	USEPA HQ	(202)260-7050	
1111H100	JUTIS, BILL	USEPA REGION 2	(212)264-4753	
111TSILL	HOELMAN, LOUIS	USEPA HQ	(202)260-7050	
1115LOP	JUTIS, BILL	USEPA REGION 2	(212)264-4753	

QUANTITY OF DATA RETRIEVED FOR GATE BY AGENCY CODE

WITHIN THE ENTIRE STUDY AREA (S.A.) AND JUST WITHIN THE PARK

Agency	Organization	Period of Record		Water Quality Stations		Longer Term[1] Stations		No Data Stations		Water Quality Observations		Water Quality Parameters	
		Study Area	Park Only	S.A.	Park	S.A.	Park	S.A.	Park	S.A.	Park	S.A.	Park
21350000	USEPA REGION 2	04/23/18-01/08/74	09/08/21-01/08/74	20	6	0	0	12	2	18704	8874	16	16
1111H030	USEPA REGION 2	08/01/62-08/31/94	08/01/62-08/31/94	98	41	24	8	10	4	34996	9128	100	54
31ISC2RS	INTRSTATE SANITATION COMM	07/12/71-04/10/87	01/16/74-08/11/86	26	7	16	5	0	0	42116	28107	58	52
21NYDEC2	NEW YORK DEPT ENV CONSERV	07/03/76-09/24/78	07/18/78-07/18/78	5	1	0	0	0	0	134	72	25	18
REGII208	USEPA REGION 2	09/16/75-07/28/77	11/10/75-07/18/77	25	10	0	0	0	0	7429	913	27	25
11EPAMW	USEPA HQ	No Data in S.A.	No Data in Park	1	1	0	0	1	1	0	0	0	0
11NATDC	USEPA HQ	No Data in S.A.	No Data in Park	2	1	0	0	2	1	0	0	0	0
11NYCOR	CORPS OF ENGINEERS	11/10/71-09/15/77	11/10/71-05/15/75	33	11	0	0	0	0	227	73	9	8
11NYBGHT	USEPA REGION 2	05/24/95-08/28/96	05/24/95-08/28/96	8	4	0	0	0	0	566	298	3	3
11NPSWRD	NATIONAL PARK SERVICE	06/13/77-08/28/96	06/13/77-08/28/96	47	35	19	12	0	0	30664	21008	28	26
21NYDEC1	NEW YORK DEPT ENV CONSERV	06/14/84-11/19/86	No Data in Park	2	0	1	0	0	0	1317	0	137	0
21NYDECA	NY. DEPT OF ENV. CONS.	06/14/84-11/19/86	No Data in Park	1	0	1	0	0	0	1314	0	138	0
21NYDECB	NY. DEPT OF ENV. CONS.	No Data in S.A.	No Data in Park	12	2	0	0	12	2	0	0	0	0
11BIOACC	U.S. EPA MDSD	06/30/87-10/02/87	06/30/87-06/30/87	4	1	0	0	0	0	362	110	63	63
21NJDEP1	NEW JERSEY DEPT ENV PROT	05/03/70-10/17/95	08/10/73-06/16/95	131	28	79	12	18	7	131872	27161	148	58
112WRD	US GEOLOGICAL SURVEY	08/29/67-08/06/93	09/07/77-08/06/93	2	1	0	0	0	0	150	75	65	62
1111H031	USEPA REGION 2	No Data in S.A.	No Data in Park	2	0	0	0	2	0	0	0	0	0
11NOAMID	USEPA HQ	02/01/73-05/01/73	02/01/73-05/01/73	19	1	0	0	1	0	204	12	6	6
1111H100	USEPA REGION 2	No Data in S.A.	No Data in Park	1	0	0	0	1	0	0	0	0	0
111TSILL	USEPA HQ	02/21/76-02/21/76	No Data in Park	1	0	0	0	0	0	33	0	33	0
1115LOP	USEPA REGION 2	12/11/76-12/11/76	No Data in Park	1	0	0	0	0	0	4	0	2	0
Totals		04/23/18-08/28/96	09/08/21-08/28/96	441	150	140	37	59	17	270092	95831	415	227

[1]Station With At Least 6 Parameters Having An Average of 1 Or More Observations Per Year During a Period of Record Extending At Least 2 Years.

Station Period of Record Tabulation
From 04/23/18 To 08/28/96

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 08/28/96	01/01/75 to 12/31/84	Before 01/01/75
GATE0001	CONSELYEAS POND IN QUEENS	No	15	0	15	0
GATE0002	Thurston Basin	No	0	0	0	0
GATE0003	SPRINGFIELD POND NORTH OF JFK AIRPORT	No	15	0	15	0
GATE0004	NEGRO BAR CHNL.NORTH OF POWERPLANT AT MOTTS BN.	No	3	0	0	3
GATE0005[1]	Head of the Bay	No	853	853	0	0
GATE0006	JAMAICA INF	No	0	0	0	0
GATE0007	LONG ISLAND BEACHES	No	893	373	475	45
GATE0008	LONG ISLAND BEACHES- EDGEMERE	No	67	67	0	0
GATE0009	GRASS HASSOCK CHANNEL AT MOTTS POINT LIGHT	No	8	0	8	0
GATE0010[1]	JoCo Marsh	No	1658	1658	0	0
GATE0011	JAMAICA BAY @ NEW YORK	No	17	17	0	0
GATE0012[1]	Grassy Bay	Yes	1429	1213	216	0
GATE0013	DuBois Point	No	27	27	0	0
GATE0014	JAMAICA BAY (933)	Yes	6	0	0	6
GATE0015	JAMAICA BAY (942)	No	6	0	0	6
GATE0016	JAMAICA BAY (939)	No	6	0	0	6
GATE0017	JAMAICA BAY	Yes	44	0	44	0
GATE0018[1]	Winhole Channel	Yes	1173	957	216	0
GATE0019[1]	Subway Trestle	No	1168	970	198	0
GATE0020	JAMAICA BAY	No	2313	0	0	2313
GATE0021[1]	JAMAICA BAY	No	1230	74	1042	114
GATE0022	JAMAICA BAY (J05)	No	194	0	0	194
GATE0023	JAMAICA BAY	No	37	0	37	0
GATE0024	JAMAICA BAY (936)	Yes	6	0	0	6
GATE0025	JAMAICA EFF	Yes	0	0	0	0
GATE0026	LONG ISLAND BEACHES	No	888	373	470	45
GATE0027	LONG ISLAND BEACHES- HOLLAND AREA	No	67	67	0	0
GATE0028	400YDS OFF SHORE AND STA LIC04	No	0	0	0	0
GATE0029	Bergen Basin off Jamaica Bay	No	0	0	0	0
GATE0030[1]	JAMAICA BAY	Yes	1448	0	1341	107
GATE0031	ROCKAWAY INLET BCH CHNL NEAR CROSS BAY BRIDGE	No	8	0	8	0
GATE0032	JAMAICA BAY (948)	No	33	0	0	33
GATE0033	JAMAICA BAY CHLORINATION STUDY	No	0	0	0	0
GATE0034[1]	Bergen Basin Outflow	Yes	1170	1170	0	0
GATE0035	JAMAICA BAY (J07)	Yes	194	0	0	194
GATE0036	JAMAICA BAY	Yes	1752	0	0	1752
GATE0037	JAMAICA BAY	Yes	44	0	44	0
GATE0038[1]	JAMAICA BAY	Yes	1540	84	1342	114
GATE0039[1]	Broad Channel	Yes	495	495	0	0
GATE0040[1]	Bergen Basin	No	958	958	0	0
GATE0041	Bergen Basin off Jamaica Bay	No	0	0	0	0
GATE0042	ROCKAWAY IT.BEACH CHNL.EAST OF GIANT BAR MARSH.	No	3	0	0	3
GATE0043[1]	Beach Channel	No	969	969	0	0
GATE0044	ROCKAWAY INF	No	0	0	0	0
GATE0045	Howard Beach	No	17	0	17	0
GATE0046	ROCKAWAY EFF	No	0	0	0	0
GATE0047	Hawtree Basin off Jamaica Bay	No	0	0	0	0
GATE0048	Concession Stand/Jamaica Bay Wildlife Refuge	Yes	18	0	18	0
GATE0049[1]	North Channel Bridge	Yes	1212	983	229	0
GATE0050	JAMAICA BAY (927)	Yes	20	0	0	20
GATE0051	JAMAICA BAY CHLORINATION STUDY	Yes	0	0	0	0
GATE0052	JAMAICA BAY (951)	No	6	0	0	6
GATE0053	Shellbank Basin off Jamaica Ba	No	0	0	0	0
GATE0054	JAMAICA BAY @ NEW YORK	Yes	110	110	0	0
GATE0055	NEW YORK CITY BEACHES- ROCKAWAY BEACH	No	67	67	0	0
GATE0056[1]	400YDS OFF SHORE AND STA LIC03	No	235	0	112	123
GATE0057	LONG ISLAND BEACHES	No	893	373	475	45
GATE0058[1]	Pumpkin Patch Channel	Yes	1163	945	218	0
GATE0059	JAMAICA BAY	No	44	0	44	0
GATE0060	ATLANTIC OCEAN	No	183	0	183	0
GATE0061[1]	Ruffle Bar	Yes	1209	976	233	0
GATE0062	Old Mill Basin off Jamaica Bay	Yes	0	0	0	0
GATE0063	Old Mill Creek	Yes	112	112	0	0
GATE0064	JAMAICA BAY (924)	Yes	6	0	0	6
GATE0065	ROCKAWAY INLET BEACH CHNL NORTH OF BELLE HARBOR	Yes	8	0	8	0
GATE0066	JAMAICA BAY	Yes	44	0	44	0
GATE0067	JAMAICA BAY (954)	No	6	0	0	6
GATE0068[1]	Nova Scotia Bar	No	916	916	0	0
GATE0069	LONG ISLAND BEACHES	No	896	375	476	45
GATE0070	NEW YORK CITY BEACHES- FORT TILDEN	No	67	67	0	0
GATE0071[1]	400YDS OFF SHORE AND STA LIC02	No	579	214	242	123

Station Period of Record Tabulation
From 04/23/18 To 08/28/96

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 08/28/96	01/01/75 to 12/31/84	Before 01/01/75
GATE0072	JAMAICA BAY; SOUTH WESTERN LONG ISLAND	Yes	72	0	72	0
GATE0073	JAMAICA BAY (921)	Yes	6	0	0	6
GATE0074	Riis Park	Yes	640	416	224	0
GATE0075	JAMAICA BAY CHNL.NORTH OF CANARSIE POL.KINGS CO.	Yes	3	0	0	3
GATE0076	JAMAICA BAY (903)	Yes	6	0	0	6
GATE0077	JAMAICA BAY (918)	Yes	6	0	0	6
GATE0078	26TH WARD EFF	No	0	0	0	0
GATE0079	JAMAICA BAY	Yes	44	0	44	0
GATE0080	ISLAND CHANNEL NORTH OF SEAPLANE RAMP-USNAS	Yes	8	0	8	0
GATE0081	JAMAICA BAY (906)	Yes	6	0	0	6
GATE0082[1]	Pennsylvania Avenue Landfill	Yes	1660	1660	0	0
GATE0083	JAMAICA BAY ISLAND CHNL.EAST OF USNAS-KINGS CO.	Yes	3	0	0	3
GATE0084	Fresh Cr. Basin off Jamaica Ba	Yes	0	0	0	0
GATE0085	Fort Tilden Beach	Yes	60	0	60	0
GATE0086	Floyd Bennett Field - Coast Guard Station	Yes	18	0	18	0
GATE0087	26TH WARD INF	No	0	0	0	0
GATE0088	ATLANTIC OCEAN	Yes	182	0	182	0
GATE0089	JAMAICA BAY CHLORINATION STUDY	Yes	0	0	0	0
GATE0090[1]	Canarsie Pier	Yes	2091	1808	283	0
GATE0091	ROCKAWAY INLET CHNL EAST OF MARINE PKWY BRIDGE	Yes	8	0	8	0
GATE0092	JAMAICA BAY	Yes	44	0	44	0
GATE0093[1]	JAMAICA BAY	Yes	1569	74	1384	111
GATE0094	JAMAICA BAY CHLORINATION STUDY	Yes	0	0	0	0
GATE0095	JAMAICA BAY	Yes	2261	0	0	2261
GATE0096	JAMAICA BAY (J03)	Yes	192	0	0	192
GATE0097	JAMAICA BAY (J01)	Yes	210	0	0	210
GATE0098	JAMAICA BAY	Yes	2529	0	0	2529
GATE0099	JAMAICA BAY	Yes	44	0	44	0
GATE0100	JAMAICA BAY CHLORINATION STUDY	Yes	0	0	0	0
GATE0101[1]	ROCKAWAY INLET	Yes	1600	86	1414	100
GATE0102[1]	JAMAICA BAY	Yes	1298	0	1185	113
GATE0103	JAMAICA BAY	Yes	2332	0	0	2332
GATE0104	JAMAICA BAY (J02)	Yes	193	0	0	193
GATE0105	JAMAICA BAY (912)	Yes	6	0	0	6
GATE0106[1]	Marine Parkway Bridge	Yes	1209	987	222	0
GATE0107	JAMAICA BAY	Yes	44	0	44	0
GATE0108	ISLAND CHANNEL SOUTH OF CANARSIE BEACH	Yes	8	0	8	0
GATE0109	LOWER NEW YORK BAY	No	161	0	161	0
GATE0110	Paergedat Basin off Jamaica Ba	No	0	0	0	0
GATE0111	Marine Park-1A	No	366	366	0	0
GATE0112	Marine Park-1	No	368	368	0	0
GATE0113	Mill Basin off Jamaica Bay	No	0	0	0	0
GATE0114	ROCKAWAY INLET CHNL AT RCKWY PT YACHT CLUB	Yes	8	0	8	0
GATE0115	ATLANTIC OCEAN-EAST OF BAYHEAD	Yes	15	0	15	0
GATE0116	Plumb Beach	Yes	40	0	40	0
GATE0117	ROCKAWAYS	No	16	0	16	0
GATE0118	CONEY ISLAND EFF	No	0	0	0	0
GATE0119	Breezy Point	Yes	631	402	229	0
GATE0120	Marine Park-2	No	258	258	0	0
GATE0121[1]	ROCKAWAY INLET	No	1349	0	1246	103
GATE0122	ROCKAWAY INLET (J10)	Yes	197	0	0	197
GATE0123	ROCKAWAY INLET (N9A)	No	0	0	0	0
GATE0124	ROCKAWAY INLET	No	2262	0	0	2262
GATE0125	Breezy Point/Rockaway Inlet	Yes	59	0	59	0
GATE0126	CONEY ISLAND INF	No	0	0	0	0
GATE0127	SHEEPSHEAD BAY CHNL.NORTHEAST OF MANHATTAN BCH.	No	3	0	0	3
GATE0128	LONG ISLAND BEACHES	Yes	888	378	471	39
GATE0129[1]	400YDS OFF SHORE AND STA LIC01	Yes	237	0	102	135
GATE0130	NEW YORK CITY BEACHES- ROCKAWAY POINT	Yes	67	67	0	0
GATE0131	ROCKAWAY INLET	No	505	0	505	0
GATE0132[1]	Rockaway Inlet	No	2098	1877	221	0
GATE0133	ROCKAWAY INLET CHANNEL OFF OF LOOKOUT TOWER	Yes	8	0	8	0
GATE0134	ROCKAWAY POINT NEW YORK CITY	Yes	0	0	0	0
GATE0135	ROCKAWAY POINT	Yes	0	0	0	0
GATE0136	JAMAICA BAY-CHNL.ENT.RKWY.INLET-E.OF RKWY.PT.NY.	Yes	3	0	0	3
GATE0137	ROCKAWAY POINT (N16)	No	0	0	0	0
GATE0138	ROCKAWAY POINT	No	52	0	0	52
GATE0139	MANHATTAN BEACH 100 FT OFF CONEY ISLAND SHORE	No	75	0	75	0
GATE0140[1]	ATLANTIC OCEAN OFF WESTERN TIP OF ROCKAWAY	No	1972	316	1555	101
GATE0141	ROCKAWAY INLET CHNL SOUTH OF SECOND LIGHT	Yes	8	0	8	0
GATE0142	CHANNEL ENT TO RCKWY INLET N OF FIRST LIGHT	Yes	8	0	8	0

Station Period of Record Tabulation
From 04/23/18 To 08/28/96

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 08/28/96	01/01/75 to 12/31/84	Before 01/01/75
GATE0143	ATLANTIC OCEAN (J12)	No	193	0	0	193
GATE0144[1]	ROCKAWAY INLET	No	214	76	138	0
GATE0145	1 NAUTICAL MILE EAST OF ATLANTIC HIGHLANDS	No	25	9	16	0
GATE0146	ATLANTIC OCEAN - 1 NAUTICAL MILES OFF SANDY HOOK	No	6	0	6	0
GATE0147	CHRISTIAENSEN BASIN - ATLANTIC OCEAN	No	24	18	6	0
GATE0148	LOWER NEW YORK BAY	No	99	0	99	0
GATE0149[1]	HIGHLANDS AREA	No	393	95	298	0
GATE0150	HIGHLANDS AREA	No	300	0	300	0
GATE0151	0.7 MI.EAST OF STA JC05	No	28	0	0	28
GATE0152	ONE HALF NAUTICAL MILE EAST OF ATLANTIC HIGHLAND	No	10	0	10	0
GATE0153	JAMAICA BAY	No	44	0	44	0
GATE0154	HIGHLANDS EFF	No	0	0	0	0
GATE0155	LOWER NEW YORK BAY	No	135	0	135	0
GATE0156[1]	SANDY HOOK AREA	No	395	95	300	0
GATE0157	OCEAN PARK BEACH 100 FT OFF CONEY ISLAND SHORE	No	75	0	75	0
GATE0158	SANDY HOOK AREA	No	300	0	300	0
GATE0159[1]	400YDS OFF SHORE AND STA JC08	No	292	0	171	121
GATE0160[1]	400YDS OFF SHORE AND STA JC05	Yes	342	0	212	130
GATE0161	NEW JERSEY BEACHES	No	4	0	0	4
GATE0162	NEW JERSEY BEACHES	No	3	0	0	3
GATE0163	ATLANTIC OCEAN (I01)	Yes	35	0	0	35
GATE0164[1]	ATLANTIC OCEAN SANDY HOOK PARK GATE	Yes	2709	0	2709	0
GATE0165	NEW JERSEY BEACHES- HIGHLAND BEACH	Yes	77	77	0	0
GATE0166[1]	NEW JERSEY BEACHES	Yes	1302	553	703	46
GATE0167	CONEY ISLAND - FOOT OF 8TH ST. 100 FT OFF SHORE	No	75	0	75	0
GATE0168[1]	SHREWSBURY RIVER AT ROUTE 36	Yes	5497	0	3965	1532
GATE0169[1]	ATLANTIC OCEAN SANDY HOOK SOUTH BEACH	Yes	1069	0	1069	0
GATE0170	NAVESINK RIVER	No	63	0	24	39
GATE0171	NEW JERSEY BEACHES	Yes	3	0	0	3
GATE0172[1]	NAVESINK RIVER	No	2165	1239	860	66
GATE0173[1]	NAVESINK RIVER	No	1898	974	858	66
GATE0174	SHREWSBURY R AT MOUNTAINVIEW WAY SEA BRIGHT	No	52	52	0	0
GATE0175	NAVESINK RIVER	No	0	0	0	0
GATE0176	SANDY HOOK CHNL.EAST SECT.EAST OF SANDY HOOK-NJ.	No	9	0	9	0
GATE0177	SHREWSBURY R AT HIGHLANDS BRDG SEA BRIGHT	Yes	124	124	0	0
GATE0178[1]	400YDS OFF SHORE AND STA JC03	Yes	292	0	170	122
GATE0179	SOUTH BEACH UNDER RT 36 BRIDGE HIGHLANDS	No	146	146	0	0
GATE0180[1]	SANDY HOOK AREA	No	743	95	607	41
GATE0181[1]	SANDY HOOK BAY	No	2572	1259	1313	0
GATE0182	ATLANTIC OCEAN AT SURF BEACH MIDDLETOWN	Yes	192	192	0	0
GATE0183[1]	NAVESINK RIVER	No	1511	1249	262	0
GATE0184	Plum Island	Yes	239	239	0	0
GATE0185	AREA E SANDY HOOK MIDDLETOWN	Yes	18	18	0	0
GATE0186[1]	NAVESINK RIVER	No	2248	1298	884	66
GATE0187[1]	SANDY HOOK BAY	Yes	1478	690	788	0
GATE0188	SHREWSBURY RIVER (S32)	No	46	0	0	46
GATE0189[1]	NAVESINK RIVER	No	1060	362	632	66
GATE0190	SHREWSBURY RIV AT BAHR'S DOCK	No	0	0	0	0
GATE0191	ATLANTIC OCEAN AT SANDY HOOK-S.BEACH MIDDLETOWN	Yes	182	182	0	0
GATE0192	NAVESINK RIVER	No	0	0	0	0
GATE0193	CORNWALL ST. BEACH HIGHLANDS	No	60	60	0	0
GATE0194[1]	SANDY HOOK BAY	No	2514	1184	1330	0
GATE0195[1]	SANDY HOOK BAY	No	2532	1203	1329	0
GATE0196[1]	NAVESINK RIVER	No	1900	974	860	66
GATE0197	NEW JERSEY BEACHES -SANDY HOOK STATE PARK BEACH	Yes	77	77	0	0
GATE0198	Sandy Hook Visitor Center Area Beach	Yes	25	0	25	0
GATE0199	SANDY HOOK BAY	Yes	0	0	0	0
GATE0200	MILLER STREET BEACH HIGHLANDS	No	142	142	0	0
GATE0201	NEW JERSEY BEACHES	Yes	948	398	501	49
GATE0202	Lot D	Yes	265	265	0	0
GATE0203[1]	SANDY HOOK BAY	Yes	1606	690	867	49
GATE0204[1]	SANDY HOOK BAY	No	1476	690	786	0
GATE0205[1]	400YDS OFF SHORE AND STA JC02	Yes	299	0	171	128
GATE0206	SANDY HOOK SP1 OBS	Yes	75	15	60	0
GATE0207	NEW JERSEY BEACHES	Yes	644	115	484	45
GATE0208	Coney Island Cr.	No	0	0	0	0
GATE0209	GRAVESEND BAY-CONEY ID.CR.OFF WEST 20 ST.BKLYN.	No	3	0	0	3
GATE0210	CONEY ISLAND CK. CROPSEY AVE CONEY ISLAND	No	158	158	0	0
GATE0211[1]	CONEY ISLAND CR. IN BROOKLYN CROPSEY AVE.BR.	No	1314	665	649	0
GATE0212[1]	CONEY ISLAND CK CROPSEY AVE BRIDGE IN BROOKLYN	No	1159	507	652	0
GATE0213	SANDY HOOK BAY AT PLUM ISLAND	No	0	0	0	0

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Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 08/28/96	01/01/75 to 12/31/84	Before 01/01/75
GATE0214	Spermaceti Cove	Yes	269	269	0	0
GATE0215[1]	NAVESINK RIVER	No	2175	1249	860	66
GATE0216	SANDY HOOK BAY AT SPERMACETTI COVE MIDDLETOWN	Yes	195	195	0	0
GATE0217[1]	SANDY HOOK BAY	Yes	1664	690	864	110
GATE0218	NAVESINK RIVER	No	39	0	0	39
GATE0219	RECREATION CENTER HIGHLANDS	No	140	140	0	0
GATE0220[1]	NAVESINK RIVER	No	2172	1248	858	66
GATE0221	NAVESINK RIVER	No	39	0	0	39
GATE0222	SANDY HOOK AREA	No	301	0	301	0
GATE0223[1]	NAVESINK RIVER	No	1896	972	858	66
GATE0224	SANDY HOOK BAY	Yes	0	0	0	0
GATE0225[1]	SANDY HOOK BAY	No	1657	690	864	103
GATE0226	CONNERS ST. BEACH HIGHLANDS	No	130	130	0	0
GATE0227	Gunnison Beach - Intertidal Trough	Yes	60	60	0	0
GATE0228	NAVESINK RIVER	No	39	0	0	39
GATE0229	SANDY HOOK BAY	Yes	0	0	0	0
GATE0230[1]	SANDY HOOK BAY	Yes	1830	864	855	111
GATE0231	ATLANTIC OCEAN OFF FT HANCOCK STP MIDDLETOWN	Yes	199	199	0	0
GATE0232	Gunnison Beach	Yes	330	330	0	0
GATE0233	NAVESINK RIVER	No	0	0	0	0
GATE0234	NAVESINK RIVER NORTH OF BARLEY POINT-NJ.	No	9	0	9	0
GATE0235[1]	NAVESINK RIVER	No	1699	970	690	39
GATE0236	ATLANTIC OCEAN AT SANDY HOOK	Yes	0	0	0	0
GATE0237[1]	400YD OFF SHORE AND STA JC01A	Yes	285	0	158	127
GATE0238[1]	NAVESINK RIVER	No	765	0	699	66
GATE0239	SANDY HOOK BAY AT HORSESHOE COVE MIDDLETOWN	Yes	201	201	0	0
GATE0240[1]	NAVESINK RIVER	No	662	0	596	66
GATE0241	HIGHLANDS WD-SPRING	No	75	0	7	68
GATE0242	SANDY HOOK BAY AT ARMY REC BEACH MIDDLETOWN	Yes	197	197	0	0
GATE0243[1]	SANDY HOOK AREA	No	395	95	300	0
GATE0244[1]	NAVESINK RIVER	No	2273	1281	926	66
GATE0245	NAVESINK RIVER	No	39	0	0	39
GATE0246[1]	ATLANTIC OCEAN SANDY HOOK NORTH BEACH	Yes	1217	0	1217	0
GATE0247	NEW JERSEY BEACHES- SANDY HOOK PARKING AREA	Yes	77	77	0	0
GATE0248	NEW JERSEY BEACHES	Yes	924	392	493	39
GATE0249	SANDY HOOK BAY	Yes	0	0	0	0
GATE0250	North Beach	Yes	293	266	27	0
GATE0251	SANDY HOOK BAY	Yes	0	0	0	0
GATE0252	NAVESINK RIVER	No	38	0	0	38
GATE0253[1]	NAVESINK RIVER	No	662	0	596	66
GATE0254	NAVESINK RIVER	No	39	0	0	39
GATE0255[1]	NAVESINK RIVER	No	1895	972	859	64
GATE0256	Horseshoe Cove	Yes	248	240	8	0
GATE0257	LOWER NEW YORK BAY	No	164	0	164	0
GATE0258[1]	NAVESINK RIVER	No	660	0	596	64
GATE0259	HORSESHOE COVE SANDY HOOK N J IFF UNION BEACHNJ	No	0	0	0	0
GATE0260[1]	NAVESINK RIVER	No	1905	979	860	66
GATE0261[1]	SANDY HOOK BAY	No	1853	862	869	122
GATE0262	SANDY HOOK	No	16	0	16	0
GATE0263	NAVESINK RIVER	No	39	0	0	39
GATE0264	NAVESINK RIVER	No	63	0	24	39
GATE0265	SANDY HOOK BAY	No	0	0	0	0
GATE0266[1]	NAVESINK RIVER	No	1848	963	858	27
GATE0267[1]	NAVESINK RIVER	No	785	0	721	64
GATE0268[1]	SANDY HOOK BAY	No	1675	690	868	117
GATE0269	NAVESINK RIVER	No	39	0	0	39
GATE0270	NAVESINK RIVER	No	63	0	24	39
GATE0271[1]	SANDY HOOK BAY NEAR NAVESINK PARK	No	250	0	27	223
GATE0272	SANDY HOOK BAY	Yes	0	0	0	0
GATE0273[1]	NAVESINK RIVER	No	1874	974	834	66
GATE0274[1]	SANDY HOOK BAY	Yes	1667	690	867	110
GATE0275	NAVESINK RIVER	No	39	0	0	39
GATE0276[1]	NAVESINK RIVER	No	2175	1249	860	66
GATE0277	NAVESINK RIVER	No	39	0	0	39
GATE0278	SANDY HOOK BAY AT SANDY HOOK LIGHT MIDDLETOWN	Yes	200	200	0	0
GATE0279	RARITAN BAY (73)	No	50	0	0	50
GATE0280	RUMSON OCEANIC BRIDGE OVER NAVESINK RIVER	No	8	8	0	0
GATE0281	SANDY HOOK CHNL.AT NORTH TIP OF SANDY HOOK-NJ.	No	9	0	9	0
GATE0282[1]	SANDY HOOK BAY COAST GUARD STATION	Yes	3514	0	2561	953
GATE0283[1]	NAVESINK RIVER	No	1889	963	860	66
GATE0284[1]	SANDY HOOK BAY	No	1840	860	864	116

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Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 08/28/96	01/01/75 to 12/31/84	Before 01/01/75
GATE0285[1]	SANDY HOOK BAY	No	243	0	22	221
GATE0286[1]	NAVESINK RIVER	No	2177	1249	862	66
GATE0287[1]	SANDY HOOK BAY	No	1675	690	869	116
GATE0288	RARITAN BAY	No	12	0	0	12
GATE0289[1]	SANDY HOOK BAY	No	1678	690	865	123
GATE0290[1]	NAVESINK RIVER	No	1901	974	860	67
GATE0291	NAVESINK RIVER	No	39	0	0	39
GATE0292	NEW JERSEY BEACHES	Yes	8	0	3	5
GATE0293	NAVESINK RIVER	No	0	0	0	0
GATE0294[1]	SANDY HOOK BAY	Yes	1614	690	868	56
GATE0295	LOWER NY BAY AT ROMER SHOAL LGTH	No	121	0	121	0
GATE0296[1]	NAVESINK RIVER AT OCEANIC BRIDGE	No	3626	0	2680	946
GATE0297[1]	NAVESINK RIVER	No	2181	1257	858	66
GATE0298[1]	SANDY HOOK BAY	No	895	0	779	116
GATE0299[1]	RARITAN BAY (15)	No	1330	165	190	975
GATE0300	RARITAN BAY	No	12	0	0	12
GATE0301[1]	SANDY HOOK BAY	No	1849	866	867	116
GATE0302	SANDY HOOK BAY	No	0	0	0	0
GATE0303	SANDY HOOK BAY	No	0	0	0	0
GATE0304[1]	SANDY HOOK BAY	No	1789	866	867	56
GATE0305[1]	SANDY HOOK BAY	Yes	1788	866	866	56
GATE0306[1]	RARITAN BAY (14)	No	506	0	0	506
GATE0307	RARITAN BAY	No	12	0	0	12
GATE0308[1]	RARITAN BAY	No	331	0	331	0
GATE0309	SANDY HOOK BAY NE OF ATLANTIC HIGHLANDS-NJ.	No	8	0	0	8
GATE0310[1]	SANDY HOOK BAY	No	2053	899	1038	116
GATE0311	SANDY HOOK BAY	No	0	0	0	0
GATE0312[1]	RARITAN BAY	No	335	0	335	0
GATE0313[1]	RARITAN BAY (13)	No	959	0	56	903
GATE0314[1]	SANDY HOOK BAY	No	1613	690	867	56
GATE0315	SANDY HOOK BAY NE OF ATLANTIC HIGHLANDS-NJ.	No	8	0	0	8
GATE0316	SANDY HOOK BAY-AT LEONARDO NE.OF ATLANTIC HLNDS.	No	8	0	0	8
GATE0317	RARITAN BAY	No	12	0	0	12
GATE0318[1]	SANDY HOOK BAY AT BOUY 17	No	502	0	502	0
GATE0319[1]	SANDY HOOK BAY	No	1757	867	827	63
GATE0320	RARITAN BAY	No	197	0	197	0
GATE0321[1]	SANDY HOOK BAY NEAR SANDY HOOK POINT	No	245	0	23	222
GATE0322[1]	RARITAN BAY	No	331	0	331	0
GATE0323	SANDY HOOK BAY	No	0	0	0	0
GATE0324	RARITAN BAY	No	12	0	0	12
GATE0325[1]	RARITAN BAY	No	331	0	331	0
GATE0326[1]	RARITAN BAY (12)	No	482	0	0	482
GATE0327	SANDY HOOK BAY-AT LEONARDO NE.OF ATLANTIC HLNDS.	No	8	0	0	8
GATE0328	SANDY HOOK BAY AT ATL.HLDS.YACHT HARBOR-N OF SDP	No	8	0	0	8
GATE0329[1]	SANDY HOOK BAY	No	831	0	775	56
GATE0330	RARITAN BAY	No	12	0	0	12
GATE0331[1]	RARITAN BAY	No	311	0	311	0
GATE0332[1]	SANDY HOOK BAY	No	1612	690	865	57
GATE0333	OWLS HEAD INF	No	0	0	0	0
GATE0334[1]	SANDY HOOK BAY	No	1613	690	867	56
GATE0335	OWLS HEAD EFF	No	0	0	0	0
GATE0336	UPPER NEW YORK BAY NEAR OWLS HEAD STP	No	36	0	0	36
GATE0337[1]	RARITAN BAY (70)	No	945	0	0	945
GATE0338[1]	SANDY HOOK BAY	No	1789	866	867	56
GATE0339	NARROWS (107)	No	210	0	0	210
GATE0340	UPPER BAY @ NEW YORK	No	126	126	0	0
GATE0341[1]	SANDY HOOK BAY	No	1656	716	884	56
GATE0342	RARITAN BAY (16)	No	238	0	0	238
GATE0343	RARITAN BAY	No	12	0	0	12
GATE0344[1]	SANDY HOOK BAY	No	1612	689	867	56
GATE0345	RARITAN BAY	No	12	0	0	12
GATE0346	THE NARROWS EAST OF MID-CHANNEL	No	157	0	0	157
GATE0347	RARITAN BAY (100)	No	99	0	0	99
GATE0348[1]	RARITAN BAY (69)	No	571	0	0	571
GATE0349[1]	SANDY HOOK BAY	No	1789	866	867	56
GATE0350	SANDY HOOK BAY	No	0	0	0	0
GATE0351	BAY RIDGE CHNL.NEAR BAY RIDGE LT.AND SDP-BKLYN.	No	6	0	0	6
GATE0352[1]	RARITAN BAY (101)	No	723	0	0	723
GATE0353[1]	SANDY HOOK BAY	No	1839	956	827	56
GATE0354[1]	RARITAN BAY	No	331	0	331	0
GATE0355	RARITAN BAY	No	12	0	0	12

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Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 08/28/96	01/01/75 to 12/31/84	Before 01/01/75
GATE0356	THE NARROWS	No	1498	0	1498	0
GATE0357	BAY RIDGE CHNL OFF 82 ST SHORE PKWY BROOKLYN	No	8	0	8	0
GATE0358[1]	THE NARROWS - MID CHANNEL UNDER VERRAZANO BRIDGE	No	3326	374	2560	392
GATE0359	NARROWS	No	33	0	33	0
GATE0360[1]	RARITAN BAY (102)	No	2536	0	0	2536
GATE0361[1]	SANDY HOOK BAY NEAR LEONARDO	No	1580	0	1297	283
GATE0362	THE NARROWS (N8)	No	0	0	0	0
GATE0363	RED HOOK FLATS SOUTH SECT.AT BAY RIDGE CHANNEL	No	9	0	9	0
GATE0364[1]	SANDY HOOK BAY	No	1789	866	867	56
GATE0365	THE NARROWS	No	5203	0	0	5203
GATE0366[1]	RARITAN BAY	No	1648	801	847	0
GATE0367	RARITAN BAY	No	12	0	0	12
GATE0368	CHAPEL HILL SOUTH CHNL.NEAR FLYNNS KNOLL-NJ.	No	9	0	9	0
GATE0369[1]	UPPER NEW YORK BAY AT BAY RIDGE CHANNEL	No	1296	111	1057	128
GATE0370	LOWER NEW YORK BAY - CHAPEL HILL SOUTH CHANNEL	No	248	206	42	0
GATE0371[1]	RARITAN BAY (17)	No	646	0	0	646
GATE0372[1]	RARITAN BAY	No	1477	628	849	0
GATE0373[1]	RARITAN BAY (103)	Yes	1091	0	0	1091
GATE0374[1]	SANDY HOOK BAY AT EARLE AMM DEP	No	1818	0	1818	0
GATE0375	SANDY HOOK	No	109	109	0	0
GATE0376	RARITAN BAY	No	12	0	0	12
GATE0377	RARITAN BAY (38)	No	32	2	0	30
GATE0378	RARITAN BAY	No	0	0	0	0
GATE0379	AMBROSE CHNL.ANCHORAGE CHNL.NW.OF BAY RIDGE SDP.	No	6	0	0	6
GATE0380	UPPER NEW YORK BAY NEAR BAY RIDGE (BROOKLYN)	No	149	0	0	149
GATE0381[1]	RARITAN BAY (68)	Yes	280	0	0	280
GATE0382	HUDSON R	No	4	0	4	0
GATE0383	UPPER NEW YORK HARBOR (512)	No	0	0	0	0
GATE0384	UPPER NEW YORK BAY	No	667	0	667	0
GATE0385	THE NARROWS WEST OF MID-CHANNEL	Yes	156	0	0	156
GATE0386[1]	RARITAN BAY	No	1654	804	850	0
GATE0387	UPPER NEW YORK BAY NORTH OF THE NARROWS	No	37	0	0	37
GATE0388	RARITAN BAY	No	12	0	0	12
GATE0389	RARITAN BAY (104)	Yes	101	0	0	101
GATE0390	THE NARROWS-FORT WADSWORTH	Yes	20496	0	17047	3449
GATE0391	RARITAN BAY (18)	No	729	19	0	710
GATE0392	AMBROSE CHNL.SOUTHWEST OF BAY RIDGE CHNL.	No	9	0	9	0
GATE0393[1]	RARITAN BAY	No	1439	626	813	0
GATE0394	RARITAN BAY (37)	Yes	51	2	0	49
GATE0395	UPPER NEW YORK BAY NEAR 69 ST FERRY DOCK (BKLYN)	No	36	0	0	36
GATE0396	NARROWS (106)	No	246	0	0	246
GATE0397	Fort Wadsworth	Yes	82	66	16	0
GATE0398[1]	HUDSON RIVER (108)	No	825	0	0	825
GATE0399	RARITAN BAY	Yes	12	0	0	12
GATE0400[1]	RARITAN BAY (36)	No	621	2	0	619
GATE0401[1]	HUDSON RIVER (109)	No	7742	0	0	7742
GATE0402	SOUTH BEACH 100 FT OFF STATEN IS. SHORE	Yes	66	0	66	0
GATE0403	South Beach	Yes	596	369	227	0
GATE0404	NARROWS (105)	No	207	0	0	207
GATE0405	UPPER NEW YORK BAY NEAR MOUTH OF KILL VAN KULL	No	35	0	0	35
GATE0406	RARITAN BAY	No	6	0	0	6
GATE0407[1]	RARITAN BAY (39)	No	485	0	0	485
GATE0408	RARITAN BAY	No	12	0	0	12
GATE0409[1]	LOWER NEW YORK BAY OFF MIDLAND BEACH	No	1596	55	1487	54
GATE0410	RARITAN BAY	No	946	0	946	0
GATE0411	GRAHAM BEACH 100 FT OFF STATEN IS SHORE	Yes	66	0	66	0
GATE0412	Midland Beach	Yes	596	368	228	0
GATE0413	MIDLAND BEACH 100' OFF STATEN IS. SHORE	Yes	66	0	66	0
GATE0414	RARITAN BAY	Yes	217	0	217	0
GATE0415	RARITAN BAY (40)	No	34	2	0	32
GATE0416[1]	New Dorp Beach	Yes	793	515	278	0
GATE0417	RARITAN BAY	No	12	0	0	12
GATE0418	OAKWOOD BEACH 100' OFF STATEN IS. SHORE	Yes	65	0	65	0
GATE0419	RARITAN BAY (41)	No	32	0	0	32
GATE0420	OAKWOOD BEACH EFF	No	0	0	0	0
GATE0421	OAKWOOD BEACH EFF	No	0	0	0	0
GATE0422	RARITAN BAY	No	933	0	933	0
GATE0423	Oakwood Beach	Yes	636	405	231	0
GATE0424	OAKWOOD BEACH INF	Yes	0	0	0	0
GATE0425[1]	Great Kills	Yes	881	587	294	0
GATE0426	Great Kills Sun Bathing Beach	Yes	40	40	0	0

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Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 08/28/96	01/01/75 to 12/31/84	Before 01/01/75
GATE0427	GREAT KILLS BEACH 100 FT OFF STATEN IS. SHORE	Yes	66	0	66	0
GATE0428	Great Kills Marina	Yes	626	396	230	0
GATE0429	Great Kills Harbor	No	0	0	0	0
GATE0430	LOWER NEW YORK BAY	No	10	0	10	0
GATE0431	GREAT KILLS HARBOR CHNL.SOUTH OF CROOKES PT.NY.	No	6	0	0	6
GATE0432	Crooke's Point	Yes	640	411	229	0
GATE0433	RARITAN BAY	Yes	206	0	206	0
GATE0434	GREAT KILLS HARBOR NORTH OF CROOKES PT.NY.	No	6	0	0	6
GATE0435	RARITAN BAY	No	6	0	0	6
GATE0436	RARITAN BAY (42)	No	31	0	0	31
GATE0437	RARITAN BAY	No	903	0	903	0
GATE0438	RARITAN BAY	No	12	0	0	12
GATE0439	RARITAN BAY (43)	No	32	0	0	32
GATE0440	Richmond Cr. at Richmond Ave.	No	0	0	0	0
GATE0441	WOLF POND PARK BEACH 100 FT OFF STATEN IS. SHORE	No	66	0	66	0

[1]Longer Term Station With At Least 6 Parameters Having An Average of 1 Or More Observations Per Year During a Period of Record Extending At Least 2 Years.

Parameter Period of Record Tabulation
From 04/23/18 To 08/28/96

Parameter Code	Name	Total Obs	01/01/85 to 08/28/96	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	11203	6022	4453	728	142	37
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	24314	7285	12986	4043	240	70
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	4593	0	0	4593	7	4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	13252	5327	5856	2069	155	43
00023	SAMPLE WEIGHT IN POUNDS	2	0	2	0	1	0
00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	11904	4754	6467	683	106	21
00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	11916	4754	6479	683	111	22
00030	LIGHT, INCIDENT, SUNLIGHT RADIATION INTENSITY	4	0	0	4	4	0
00035	WIND VELOCITY (MILES PER HOUR)	10778	4637	5614	527	88	7
00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	10491	4637	5388	466	88	7
00041	WEATHER (WMO CODE 4501)	6993	4655	2338	0	67	7
00047	TOTAL PARTIAL PRESSURE DISSOLVED GASES (MM HG)	1	0	1	0	1	0
00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	1	0	1	0	1	1
00070	TURBIDITY, (JACKSON CANDLE UNITS)	1671	0	729	942	43	18
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	58	0	0	58	6	0
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	1065	59	1006	0	21	6
00077	TRANSPARENCY, SECCHI DISC (INCHES)	544	0	396	148	12	5
00078	TRANSPARENCY, SECCHI DISC (METERS)	438	438	0	0	16	9
00080	COLOR (PLATINUM-COBALT UNITS)	1568	0	962	606	35	22
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	9323	2804	5483	1036	70	35
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	1350	20	782	548	64	20
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	5403	0	4484	919	9	6
00300	OXYGEN, DISSOLVED MG/L	12338	2400	2787	7151	145	58
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	63	0	63	0	18	16
00310	BOD, 5 DAY, 20 DEG C MG/L	5161	19	1466	3676	94	33
00312	BOD, 6 DAY, 20 DEG C MG/L	868	0	711	157	11	5
00315	BOD, 7 DAY, 20 DEG C MG/L	847	0	691	156	7	5
00335	COD, .025N K2CR2O7 MG/L	4	0	4	0	4	2
00340	COD, .25N K2CR2O7 MG/L	448	0	6	442	18	3
00370	CHLORINE DEMAND, 1 HOUR (MG/L)	276	0	0	276	1	0
00380	CHLORINE DEMAND, 24 HOUR (MG/L)	275	0	0	275	4	1
00400	PH (STANDARD UNITS)	7850	31	5920	1899	86	28
00403	PH, LAB, STANDARD UNITS SU	289	2	255	32	31	21
00405	CARBON DIOXIDE (MG/L AS CO2)	2	1	1	0	2	1
00406	PH, FIELD, STANDARD UNITS SU	2186	2186	0	0	24	13
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	1261	0	922	339	23	9
00436	ACIDITY, MINERAL (METHYL ORANGE) (MG/L AS CACO3)	1	0	0	1	1	0
00437	ACIDITY, CO2 (PHENOLPHTHALEIN) (MG/L AS CACO3)	1	0	0	1	1	0
00440	BICARBONATE ION (MG/L AS HCO3)	1	0	1	0	1	1
00445	CARBONATE ION (MG/L AS CO3)	2	1	1	0	2	1
00480	SALINITY - PARTS PER THOUSAND	5069	2832	2077	160	77	28
00500	RESIDUE, TOTAL (MG/L)	68	0	60	8	10	3
00510	RESIDUE, TOTAL FIXED (MG/L)	45	0	43	2	11	5
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	513	0	340	173	25	10
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	161	19	140	2	15	2
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	18	18	0	0	2	0
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	44	18	24	2	6	0
00560	OIL & GREASE (FREON EXTR.-IR METHOD) TOT,REC,MG/L	223	21	202	0	13	5
00600	NITROGEN, TOTAL (MG/L AS N)	1	0	1	0	1	1
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	27	0	1	26	10	3
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	189	189	0	0	9	4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	2278	110	1425	743	105	49
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	1591	18	903	670	84	33
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	916	0	303	613	95	46
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	570	33	343	194	62	22
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	966	466	498	2	37	12
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	1067	0	678	389	28	9
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	1495	0	658	837	35	13
00665	PHOSPHORUS, TOTAL (MG/L AS P)	706	87	575	44	52	20
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	902	415	406	81	27	10
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	1361	39	972	350	43	14
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	1	0	1	0	1	1
00690	CARBON, TOTAL (MG/L AS C)	1178	38	964	176	19	6
00900	HARDNESS, TOTAL (MG/L AS CACO3)	206	32	1	173	5	1
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	1	0	1	0	1	1
00910	CALCIUM (MG/L AS CACO3)	8	0	0	8	4	0
00915	CALCIUM, DISSOLVED (MG/L AS CA)	1	0	1	0	1	1
00916	CALCIUM, TOTAL (MG/L AS CA)	1	0	1	0	1	1
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	1	0	1	0	1	1
00927	MAGNESIUM, TOTAL (MG/L AS MG)	1	0	1	0	1	1
00929	SODIUM, TOTAL (MG/L AS NA)	1	0	1	0	1	1

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Parameter Code	Name	Total Obs	01/01/85 to 08/28/96	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
00930	SODIUM, DISSOLVED (MG/L AS NA)	3	2	1	0	1	1
00931	SODIUM ADSORPTION RATIO	1	0	1	0	1	1
00932	SODIUM, PERCENT	1	0	1	0	1	1
00935	POTASSIUM, DISSOLVED (MG/L AS K)	1	0	1	0	1	1
00937	POTASSIUM, TOTAL MG/L AS K)	1	0	1	0	1	1
00940	CHLORIDE,TOTAL IN WATER MG/L	3312	2	1083	2227	138	63
00945	SULFATE, TOTAL (MG/L AS SO4)	192	0	26	166	6	2
00950	FLUORIDE, DISSOLVED (MG/L AS F)	1	0	1	0	1	1
00951	FLUORIDE, TOTAL (MG/L AS F)	1	0	1	0	1	1
00955	SILICA, DISSOLVED (MG/L AS SI02)	1	0	1	0	1	1
00956	SILICA, TOTAL (MG/L AS SI02)	126	0	126	0	17	11
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	14	9	5	0	1	0
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	8	3	5	0	1	0
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	12	6	6	0	1	0
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	19	13	6	0	1	0
01000	ARSENIC, DISSOLVED (UG/L AS AS)	19	0	19	0	12	5
01002	ARSENIC, TOTAL (UG/L AS AS)	202	52	143	7	25	8
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	51	1	17	33	31	13
01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	4	0	4	0	1	1
01012	BERYLLIUM, TOTAL (UG/L AS BE)	22	14	8	0	3	0
01025	CADMIUM, DISSOLVED (UG/L AS CD)	213	0	213	0	15	5
01027	CADMIUM, TOTAL (UG/L AS CD)	577	55	407	115	51	15
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	132	7	58	67	51	14
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	140	7	58	75	51	14
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	215	0	215	0	15	5
01034	CHROMIUM, TOTAL (UG/L AS CR)	594	56	419	119	53	16
01035	COBALT, DISSOLVED (UG/L AS CO)	134	0	134	0	12	5
01037	COBALT, TOTAL (UG/L AS CO)	203	0	192	11	14	6
01040	COPPER, DISSOLVED (UG/L AS CU)	216	0	208	8	19	5
01042	COPPER, TOTAL (UG/L AS CU)	779	240	424	115	60	19
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	140	7	58	75	51	14
01045	IRON, TOTAL (UG/L AS FE)	308	42	231	35	23	7
01046	IRON, DISSOLVED (UG/L AS FE)	134	0	134	0	13	6
01049	LEAD, DISSOLVED (UG/L AS PB)	214	0	214	0	15	5
01051	LEAD, TOTAL (UG/L AS PB)	569	54	413	102	51	15
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	155	7	58	90	62	17
01054	MANGANESE, SUSPENDED (UG/L AS MN)	1	0	1	0	1	1
01055	MANGANESE, TOTAL (UG/L AS MN)	26	0	25	1	6	2
01056	MANGANESE, DISSOLVED (UG/L AS MN)	1	0	1	0	1	1
01059	THALLIUM, TOTAL (UG/L AS TL)	15	7	8	0	3	0
01065	NICKEL, DISSOLVED (UG/L AS NI)	213	0	213	0	15	5
01067	NICKEL, TOTAL (UG/L AS NI)	550	56	385	109	48	15
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	134	1	58	75	49	14
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	18	13	5	0	1	0
01075	SILVER, DISSOLVED (UG/L AS AG)	131	0	131	0	12	5
01077	SILVER, TOTAL (UG/L AS AG)	283	55	217	11	17	5
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	7	7	0	0	3	0
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	18	12	6	0	1	0
01090	ZINC, DISSOLVED (UG/L AS ZN)	191	0	167	24	19	5
01092	ZINC, TOTAL (UG/L AS ZN)	576	56	408	112	49	15
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	78	7	17	54	54	12
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	19	13	6	0	1	0
01097	ANTIMONY, TOTAL (UG/L AS SB)	21	13	8	0	3	0
01100	TIN, DISSOLVED (UG/L AS SN)	115	0	115	0	12	5
01102	TIN, TOTAL (UG/L AS SN)	144	0	138	6	13	5
01105	ALUMINUM, TOTAL (UG/L AS AL)	174	0	168	6	13	5
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	133	0	133	0	12	5
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	17	12	5	0	1	0
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	16	11	5	0	1	0
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	19	13	6	0	1	0
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	19	13	6	0	1	0
01147	SELENIUM, TOTAL (UG/L AS SE)	11	4	7	0	3	0
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	1	1	0	0	1	0
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	18	12	6	0	1	0
03789	PCB-1016/1242, WET WEIGHT, BOTTOM SEDIMENT MG/KG	1	0	1	0	1	0
30344	PENTACHLORODIBENZO-P-DIOXIN,12378,FISH,WET WT,PG/G	5	5	0	0	4	1
30345	HEXACHLORODIBENZO-P-DIOXIN,123478,FISH,WET WT,PG/G	5	5	0	0	4	1
30346	HEXACHLORODIBENZO-P-DIOXIN,123678,FISH,WET WT,PG/G	5	5	0	0	4	1
30347	HEXACHLORODIBENZO-P-DIOXIN,123789,FISH,WET WT,PG/G	5	5	0	0	4	1
30348	HEPTACHLORODIBENZO-P-DIOXIN,1234678,TIS,WETWT,PG/G	5	5	0	0	4	1
30349	TETRACHLORODIBENZOFURAN, 2378- , FISH,WET WT.,PG/G	5	5	0	0	4	1

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30350	PENTACHLORODIBENZOFURAN,12378- , FISH,WET WT.,PG/G	5	5	0	0	4	1
30351	PENTACHLORODIBENZOFURAN,23478- , FISH,WET WT.,PG/G	5	5	0	0	4	1
30352	HEXACHLORODIBENZOFURAN,123478- , FISH,WET WT.,PG/G	5	5	0	0	4	1
30353	HEXACHLORODIBENZOFURAN,123678- , FISH,WET WT.,PG/G	5	5	0	0	4	1
30354	HEXACHLORODIBENZOFURAN,123789- , FISH,WET WT.,PG/G	5	5	0	0	4	1
30355	HEXACHLORODIBENZOFURAN,234678- , FISH,WET WT.,PG/G	5	5	0	0	4	1
30356	HEPTACHLORODIBENZOFURAN,1234678- ,FISH,WET WT,PG/G	5	5	0	0	4	1
30357	HEPTACHLORODIBENZOFURAN,1234789- ,FISH,WET WT,PG/G	5	5	0	0	4	1
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	9270	4995	2512	1763	124	64
31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	257	0	257	0	14	5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	14605	3449	7499	3657	206	69
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	548	0	548	0	25	10
31521	COLIFORM,TOT,MPN,IN BOT DEPOS,CONFIRM (MPN/100G)	92	0	43	49	11	5
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	3731	1233	2288	210	46	21
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	560	0	560	0	25	10
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11912	3337	7412	1163	182	58
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	7787	5090	1128	1569	107	55
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	3014	3014	0	0	69	16
31641	FECAL COLIFORM,MPN IN BOT DEPOS,EC MED (MPN/100G)	92	0	43	49	11	5
31649	ENTEROCOCCI- ME-MF N0/100ML	1205	1201	4	0	17	9
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	1656	5	14	1637	52	16
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	754	0	642	112	10	5
31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	977	0	553	424	75	7
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	36	0	0	36	1	0
31690	FECAL STREPTOCOCCI,MPN IN BOT DEPOS,AD-EVA BROTH	4	0	4	0	2	0
31710	STAPHYLOCOCCUS AUREUS MF TECH. CONF GRAM STAIN	2	0	2	0	2	1
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	38	26	12	0	4	0
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	38	26	12	0	4	0
32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	1	0	1	0	1	0
32104	BROMOFORM,WHOLE WATER,UG/L	38	26	12	0	4	0
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	38	26	12	0	4	0
32106	CHLOROFORM,WHOLE WATER,UG/L	39	26	13	0	5	0
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	978	527	431	20	42	22
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	472	31	421	20	18	5
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	472	31	425	16	17	5
32230	CHLOROPHYLL A (MG/L)	24	0	3	21	8	0
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	184	0	89	95	17	6
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	14	2	12	0	4	0
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	14	2	12	0	4	0
34100	NITROGLYCERIN+ETHYLENE GLYCOL DINITRATE IR MG/L	5	0	5	0	1	0
34200	ACENAPHTHYLENE TOTWUG/L	14	2	12	0	4	0
34205	ACENAPHTHENE TOTWUG/L	14	2	12	0	4	0
34220	ANTHRACENE TOTWUG/L	14	2	12	0	4	0
34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	8	2	6	0	4	0
34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	6	2	4	0	4	0
34247	BENZO-A-PYRENE TOTWUG/L	12	2	10	0	4	0
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	12	0	12	0	2	0
34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	14	2	12	0	4	0
34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	14	2	12	0	4	0
34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	4	2	2	0	4	0
34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	15	2	13	0	5	0
34301	CHLOROBENZENE TOTWUG/L	38	26	12	0	4	0
34311	CHLOROETHANE TOTWUG/L	38	26	12	0	4	0
34320	CHRYSENE TOTWUG/L	14	2	12	0	4	0
34336	DIETHYL PHTHALATE TOTWUG/L	12	2	10	0	4	0
34341	DIMETHYL PHTHALATE TOTWUG/L	14	2	12	0	4	0
34346	1,2-DIPHENYLHYDRAZINE TOTWUG/L	14	2	12	0	4	0
34351	ENDOSULFAN SULFATE TOTWUG/L	12	0	12	0	2	0
34356	ENDOSULFAN, BETA TOTWUG/L	12	0	12	0	2	0
34361	ENDOSULFAN, ALPHA TOTWUG/L	12	0	12	0	2	0
34366	ENDRIN ALDEHYDE TOTWUG/L	12	0	12	0	2	0
34370	ENDRIN ALDEHYDE WET WGTTISMG/KG	5	0	5	0	2	1
34371	ETHYLBENZENE TOTWUG/L	14	2	12	0	4	0
34376	FLUORANTHENE TOTWUG/L	14	2	12	0	4	0
34381	FLUORENE TOTWUG/L	14	2	12	0	4	0
34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	14	2	12	0	4	0
34391	HEXACHLOROBUTADIENE TOTWUG/L	8	2	6	0	3	0
34392	HEXACHLOROBUTADIENE DISSUG/L	6	0	6	0	1	0
34395	HEXACHLOROBUTADIENE WET WGTTISMG/KG	6	6	0	0	3	1
34396	HEXACHLOROETHANE TOTWUG/L	14	2	12	0	4	0
34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	12	2	10	0	4	0

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Parameter Code	Name	Total Obs	01/01/85 to 08/28/96	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
34408	ISOPHORONE TOTWUG/L	8	2	6	0	4	0
34413	METHYL BROMIDE TOTWUG/L	38	26	12	0	4	0
34418	METHYL CHLORIDE TOTWUG/L	38	26	12	0	4	0
34423	METHYLENE CHLORIDE TOTWUG/L	38	26	12	0	4	0
34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	12	2	10	0	4	0
34433	N-NITROSODIPHENYLAMINE TOTWUG/L	14	2	12	0	4	0
34438	N-NITROSODIMETHYLAMINE TOTWUG/L	2	2	0	0	2	0
34447	NITROBENZENE TOTWUG/L	14	2	12	0	4	0
34452	PARACHLOROMETA CRESOL TOTWUG/L	14	2	12	0	4	0
34459	PCP (PENTACHLOROPHENOL) DISSUG/L	12	0	12	0	2	0
34461	PHENANTHRENE TOTWUG/L	14	2	12	0	4	0
34469	PYRENE TOTWUG/L	14	2	12	0	4	0
34475	TETRACHLOROETHYLENE TOTWUG/L	39	26	13	0	5	0
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	38	26	12	0	4	0
34496	1,1-DICHLOROETHANE TOTWUG/L	38	26	12	0	4	0
34501	1,1-DICHLOROETHYLENE TOTWUG/L	38	26	12	0	4	0
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	38	26	12	0	4	0
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	38	26	12	0	4	0
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	37	24	13	0	5	0
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	12	2	10	0	4	0
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	14	2	12	0	4	0
34531	1,2-DICHLOROETHANE TOTWUG/L	38	26	12	0	4	0
34536	1,2-DICHLOROBENZENE TOTWUG/L	38	26	12	0	4	0
34541	1,2-DICHLOROPROPANE TOTWUG/L	38	26	12	0	4	0
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	38	26	12	0	4	0
34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	14	2	12	0	4	0
34555	1,2,4-TRICHLOROBENZENE WET WGTTISMG/KG	6	6	0	0	3	1
34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	12	2	10	0	4	0
34566	1,3-DICHLOROBENZENE TOTWUG/L	38	26	12	0	4	0
34571	1,4-DICHLOROBENZENE TOTWUG/L	38	26	12	0	4	0
34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	38	26	12	0	4	0
34581	2-CHLORONAPHTHALENE TOTWUG/L	14	2	12	0	4	0
34586	2-CHLOROPHENOL TOTWUG/L	14	2	12	0	4	0
34591	2-NITROPHENOL TOTWUG/L	14	2	12	0	4	0
34596	DI-N-OCTYL PHTHALATE TOTWUG/L	15	2	13	0	5	0
34601	2,4-DICHLOROPHENOL TOTWUG/L	14	2	12	0	4	0
34606	2,4-DIMETHYLPHENOL TOTWUG/L	14	2	12	0	4	0
34611	2,4-DINITROTOLUENE TOTWUG/L	14	2	12	0	4	0
34616	2,4-DINITROPHENOL TOTWUG/L	14	2	12	0	4	0
34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	14	2	12	0	4	0
34626	2,6-DINITROTOLUENE TOTWUG/L	14	2	12	0	4	0
34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	12	2	10	0	4	0
34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	14	2	12	0	4	0
34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	4	2	2	0	4	0
34646	4-NITROPHENOL TOTWUG/L	14	2	12	0	4	0
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	14	2	12	0	4	0
34668	DICHLORODIFUOROMETHANE TOTWUG/L	36	24	12	0	2	0
34682	CHLORDANE(TECH MIX & METABS),TISSUEWET WGTT,MG/KG	2	0	2	0	2	0
34685	ENDRIN WET WGTTISMG/KG	6	6	0	0	3	1
34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	10	6	4	0	4	2
34687	HEPTACHLOR WET WGTTISMG/KG	10	6	4	0	4	2
34688	HEXACHLOROBENZENE WET WGTTISMG/KG	8	6	2	0	5	1
34690	PCB - 1254 WET WGTTISMG/KG	10	0	10	0	5	1
34691	TOXAPHENE WET WGTTISMG/KG	4	0	4	0	1	1
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	14	2	12	0	4	0
34696	NAPHTHALENE TOTWUG/L	14	2	12	0	4	0
34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	38	26	12	0	4	0
34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	38	26	12	0	4	0
34754	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN TISWETWTPG/G	5	5	0	0	4	1
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	25	0	25	0	4	1
38824	ISOPROPALIN TISWETWGTMG/KG	6	6	0	0	3	1
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	2	2	0	0	2	0
39063	CHLORDANE-CIS ISOMER,TISSUE WET WGT (UG/G)	6	6	0	0	3	1
39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	6	6	0	0	3	1
39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	6	6	0	0	3	1
39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	3	2	1	0	3	0
39105	PERCENT FAT HEXANE EXTRACTION	10	0	10	0	5	1
39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	13	2	11	0	5	0
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	14	2	12	0	4	0
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	38	26	12	0	4	0
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	39	26	13	0	5	0

Parameter Period of Record Tabulation
From 04/23/18 To 08/28/96

Parameter Code	Name	Total Obs	01/01/85 to 08/28/96	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	12	0	12	0	2	0
39302	P P DDT IN TISSUE WET WGT (UG/G)	2	0	2	0	2	0
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	12	0	12	0	2	0
39312	P P DDD IN TISSUE WET WGT (UG/G)	2	0	2	0	2	0
39319	MONOCHLOROBIPHENYL,TOTAL, TISSUE,WET,WT,MG/KG	6	6	0	0	3	1
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	12	0	12	0	2	0
39322	P,P'-DDE IN TISSUE WET WGT MG/KG	6	6	0	0	3	1
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	14	0	12	2	3	0
39335	DICHLOROBIPHENYL,TOTAL, TISSUE,WET,WT,MG/KG	6	6	0	0	3	1
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	12	0	12	0	2	0
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	12	0	12	0	2	0
39339	TRICHLOROBIPHENYL,TOTAL, TISSUE,WET,WT,MG/KG	6	6	0	0	3	1
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	8	0	6	2	2	0
39345	TETRACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	6	6	0	0	3	1
39347	PENTACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	6	6	0	0	3	1
39354	HEPTACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	6	6	0	0	3	1
39355	OCTACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	6	6	0	0	3	1
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	1	0	0	1	1	0
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	1	0	0	1	1	0
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	2	0	0	2	1	0
39376	DDT SUM ANALOGS INTISSUE WET WGT BASIS	4	0	4	0	1	1
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	14	0	12	2	3	0
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	14	0	12	2	3	0
39404	DIELDRIN IN TISSUE WET WGT (UG/G)	12	6	6	0	6	2
39408	NONACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	6	6	0	0	3	1
39409	DECACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	6	6	0	0	3	1
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	12	0	10	2	3	0
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	14	0	12	2	3	0
39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	1	0	1	0	1	0
39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	3	0	3	0	2	0
39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	1	0	1	0	1	0
39515	PCBS (MG/KG) FISH TISSUE MG/KG	4	0	4	0	2	0
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	6	0	6	0	6	0
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	14	2	12	0	4	0
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	6	0	6	0	1	0
39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	11	6	5	0	5	2
45501	HYDROCARBON IN WATER, FREON EXT, CHROMAT, IR MG/L	20	0	20	0	4	1
46333	PENTACHLORONITROBENZENE (PCNB) IN TISSUE WET MG/KG	6	6	0	0	3	1
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	395	395	0	0	9	4
50064	CHLORINE, FREE AVAILABLE (MG/L)	395	395	0	0	9	4
50066	CHLORINE, COMBINED AVAILABLE (MG/L)	169	169	0	0	9	4
61500	MERCURY SLUDGE SOLID FRACTN,DRY WT,MG/KG	1	1	0	0	1	0
70204	TIDE, DURATION BETWEEN ADJ. HIGHS OR LOWS (HOURS)	69	1	0	68	5	0
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	11030	4442	5881	707	101	12
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	26	0	26	0	5	2
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	1	0	1	0	1	1
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	1	0	1	0	1	1
70305	SALINITY BASED ON CONDUCTIVITY	326	0	28	298	33	11
70307	SEA WATER, PERCENT	4609	0	0	4609	7	4
70322	SOLIDS, VOLATILE, PERCENT OF TOTAL SOLIDS	2	0	2	0	2	0
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	14	14	0	0	2	0
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	404	64	308	32	54	30
70977	INSTRUMENT RATIO, LAB/FIELD CONCENTRATIONS, NUMBER	5	5	0	0	4	1
71200	SALMONELLA, MEMBRANE FILTER (/100ML)	3	0	0	3	3	2
71201	SALMONELLA (CELITE FILTRATION) 1=PRESENT,0=ABSENT	2	0	2	0	2	1
71202	SALMONELLA FROM SEDIMENTS, INOC 1=PRESENT,0=ABS.	8	0	4	4	8	5
71203	SALMONELLA BALSTON FILTRATION 1=PRESENT,O=ABSENT	1	0	1	0	1	1
71220	PSEUDOMONAS AERUGINOSA,MF IN WATER,MPA MED,/100ML	66	60	6	0	8	4
71887	NITROGEN, TOTAL, AS NO3 - MG/L	1	0	1	0	1	1
71900	MERCURY, TOTAL (UG/L AS HG)	561	68	384	109	53	16
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	71	6	17	48	44	16
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	6	0	6	0	3	1
71935	MERCURY, TOTAL IN FISH (PPM,WET WEIGHT BASIS)	5	5	0	0	3	1
71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	4	0	4	0	1	1
71975	ORGANICS IN SEDIMENT GRAVIMETRICCORR.FOR H2O,MG/KG	86	0	46	40	12	5
72004	PUMP OR FLOW PERIOD PRIOR TO SAMPLING MINUTES	1	0	1	0	1	1
72008	DEPTH, TOTAL OF WELL (FT BELOW LAND SURFACE DATUM)	9	0	1	8	1	0
72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	6	0	0	6	1	0
74010	IRON, TOTAL (MG/L AS FE)	37	0	37	0	6	4
76530	BIPHENYL TISSUE ,WET WGT,MG/KG	6	6	0	0	3	1
77134	1,3-DIMETHYLBENZENE(M-XYLENE) WHOLE WATER,UG/L	1	1	0	0	1	0

Parameter Period of Record Tabulation
From 04/23/18 To 08/28/96

Parameter Code	Name	Total Obs	01/01/85 to 08/28/96	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
77777	BIS-(4-CHLOROPHENYL) ETHER WHOLE WATER,UG/L	1	0	0	1	1	1
78121	P-XYLENE + O-XYLENE,TOTAL,WHOLE WATER SAMPLE UG/L	1	1	0	0	1	0
78440	PCB-1254 SEDWETWTMG/KG	1	0	1	0	1	0
78441	PCB-1221 SEDWETWTMG/KG	1	0	1	0	1	0
78443	PCB-1248 SEDWETWTMG/KG	1	0	1	0	1	0
78444	PCB-1260 SEDWETWTMG/KG	1	0	1	0	1	0
78907	HEXACHLOROBIPHENYLS IN FISH TISSUE WET WGT. MG/KG	6	6	0	0	3	1
78922	NONACHLOR, TRANS, TISSUE, WET WEIGHT MG/KG	6	6	0	0	3	1
78923	NONACHLOR, CIS, TISSUE, WET WEIGHT MG/KG	6	6	0	0	3	1
79026	1,2,3,4,-TETRACHLOROBENZENE IN FISH WET WGT MG/KG	6	6	0	0	3	1
81312	POLYCHLORINATEDBIPHENYLS FISH TISSUE WET WGT MG/KG	6	6	0	0	3	1
81371	PCBS AROCLOR 1016&1242 IN FISH TISSUE WET WGT UG/G	8	0	8	0	3	1
81435	BUTYL PHTHALYL BUTYL GLYCOLATE WHL WATER SMPL UG/L	1	0	1	0	1	0
81445	DIISOBUTYL PHTHALATE WHL WATER SMPL UG/L	1	0	1	0	1	0
81446	DIOCTYL ADIPATE WHL WATER SMPL UG/L	1	0	1	0	1	0
81452	FATTY ACID METHYL ESTER CÖ14 WHL WATER SMPL UG/L	1	0	1	0	1	0
81454	FATTY ACID METHYL ESTER CÖ16 WHL WATER SMPL UG/L	1	0	1	0	1	0
81460	FATTY ACID METHYL ESTER CÖ22 WHL WATER SMPL UG/L	1	0	1	0	1	0
81469	HYDROCARBON CÖ14 WHL WATER SMPL UG/L	1	0	1	0	1	0
81471	HYDROCARBON CÖ16 WHL WATER SMPL UG/L	1	0	1	0	1	0
81475	HYDROCARBON CÖ20 WHL WATER SMPL UG/L	1	0	1	0	1	0
81476	HYDROCARBON CÖ22 WHL WATER SMPL UG/L	1	0	1	0	1	0
81477	HYDROCARBON CÖ24 WHL WATER SMPL UG/L	1	0	1	0	1	0
81478	HYDROCARBON CÖ26 WHL WATER SMPL UG/L	1	0	1	0	1	0
81479	HYDROCARBON CÖ28 WHL WATER SMPL UG/L	1	0	1	0	1	0
81488	METHYL LAURATE WHL WATER SMPL UG/L	1	0	1	0	1	0
81489	METHYL MYRISTATE WHL WATER SMPL UG/L	1	0	1	0	1	0
81491	METHYL PALMITATE WHL WATER SMPL UG/L	1	0	1	0	1	0
81492	METHYL PENTACHLOROPHENYL ETHER WHL WATER SMPL UG/L	1	0	1	0	1	0
81494	METHYL STEARATE WHL WATER SMPL UG/L	1	0	1	0	1	0
81503	TERPENE C=15 WHL WATER SMPL UG/L	1	0	1	0	1	0
81504	TERPINEOL C=10 WHL WATER SMPL UG/L	1	0	1	0	1	0
81505	TERPINEOL C=15 WHL WATER SMPL UG/L	1	0	1	0	1	0
81509	UNIDENTIFIED PHTHALATE WHL WATER SMPL UG/L	1	0	1	0	1	0
81523	DIBUTYL NONANEDIOATE WHL WATER SMPL UG/L	1	0	1	0	1	0
81526	DICYCLOHEXYL PHTHALATE WHL WATER SMPL UG/L	1	0	1	0	1	0
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	10	0	10	0	5	1
81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	8	0	8	0	4	1
81644	METHOXYCHLOR IN FISH TISSUE,UG/G WET WEIGHT	6	6	0	0	3	1
81645	MIREX IN FISH TISSUE WET WEIGHT UG/G	12	6	6	0	6	2
81652	TREFLAN IN FISH TISSUE WET WEIGHT MG/KG	6	6	0	0	3	1
81807	DURSBAN IN FISH TISSUE WET WEIGHT MG/KG	6	6	0	0	3	1
81823	PENTACHLOROANISOLE(PCA)INFISH TISSUE WET WGT MG/KG	6	6	0	0	3	1
81827	AROCHLOR-1016/1242 IN SED DRY WT. UG/KG	2	0	2	0	1	0
81896	DDE TOTAL IN TISSUE WET WEIGHT MG/KG	2	0	2	0	2	0
82028	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI(CAL)	517	0	407	110	7	5
82029	OXYCHLORDANE IN TISSUE SAMPLE WET WEIGHT MG/KG	6	6	0	0	3	1
84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	13	1	2	10	2	1
84001	AQUIFER NAME CODE (SEE USGS CATALOG)	13	1	2	10	2	1
84007	ANATOMY ALPHA CODE	17	7	10	0	9	2
85675	TRICHLOROBENZENE,1,3,5- TISSUE,WET,WT,MG/KG	6	6	0	0	3	1
85676	TRICHLOROBENZENE,1,2,3- TISSUE,WET,WT,MG/KG	6	6	0	0	3	1
85677	TETRACHLOROBENZENE,1,2,4,5- TISSUE,WET,WT,MG/KG	6	6	0	0	3	1
85678	TETRACHLOROBENZENE,1,2,3,5- TISSUE,WET,WT,MG/KG	6	6	0	0	3	1
85679	PENTACHLOROBENZENE TISSUE,WET,WT,MG/KG	6	6	0	0	3	1
85680	DIPHENYL DISULFIDE TISSUE,WET,WT,MG/KG	6	6	0	0	3	1
85681	OCTACHLOROSTYRENE TISSUE,WET,WT,MG/KG	6	6	0	0	3	1
85682	NITROFEN TISSUE,WET,WT,MG/KG	6	6	0	0	3	1
85683	PERTHANE TISSUE,WET,WT,MG/KG	6	6	0	0	3	1
85684	DICOFOL (KELTHANE) TISSUE,WET,WT,MG/KG	6	6	0	0	3	1

Station/Parameter Period of Record Tabulation
From 04/23/18 To 08/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GATE0007	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	04/11/74-08/23/94	20	310	
GATE0008	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	05/25/95-08/27/96	1	23	
GATE0020	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	11/07/73-01/08/74	0	4	
GATE0026	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	04/11/74-08/23/94	20	309	
GATE0027	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	05/25/95-08/27/96	1	23	
GATE0036	Yes	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	11/07/73-01/08/74	0	4	
GATE0055	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	05/25/95-08/27/96	1	23	
GATE0056	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	05/01/74-05/18/77	3	32	
GATE0057	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	04/11/74-08/23/94	20	310	
GATE0069	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	04/11/74-08/23/94	20	311	
GATE0070	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	05/25/95-08/27/96	1	23	
GATE0071	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	05/01/74-10/21/91	17	128	
GATE0095	Yes	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	11/07/73-01/08/74	0	4	
GATE0098	Yes	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	11/07/73-01/08/74	0	4	
GATE0103	Yes	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	11/07/73-01/08/74	0	4	
GATE0124	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	11/07/73-01/08/74	0	4	
GATE0128	Yes	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	04/11/74-08/23/94	20	308	
GATE0129	Yes	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	05/01/74-05/18/77	3	34	
GATE0130	Yes	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	05/25/95-08/27/96	1	23	
GATE0138	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	11/07/73-01/08/74	0	4	
GATE0139	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	06/30/80-09/28/81	1	25	
GATE0145	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	09/05/82-01/14/87	4	5	
GATE0146	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	05/17/79-05/17/79	0	2	
GATE0147	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	08/23/83-09/04/88	5	4	
GATE0149	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	07/07/93-11/04/93	0	10	
GATE0151	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	05/16/74-05/16/74	0	4	
GATE0152	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	09/05/82-09/05/82	0	2	
GATE0156	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	07/07/93-11/04/93	0	10	
GATE0157	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	06/30/80-09/28/81	1	25	
GATE0159	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	04/30/74-05/19/77	3	41	
GATE0160	Yes	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	04/30/74-05/17/77	3	43	
GATE0161	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	04/17/72-04/17/72	0	1	
GATE0162	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	04/17/72-04/17/72	0	1	
GATE0163	Yes	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	08/22/67-08/22/67	0	1	
GATE0165	Yes	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	05/24/95-08/28/96	1	26	
GATE0166	Yes	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	04/17/72-08/31/94	22	352	
GATE0167	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	06/30/80-09/28/81	1	25	
GATE0168	Yes	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	09/11/78-06/14/79	0	5	
GATE0171	Yes	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	04/17/72-04/17/72	0	1	
GATE0172	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	03/01/82-10/17/95	13	157	
GATE0173	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	03/01/82-10/17/95	13	133	
GATE0178	Yes	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	04/30/74-05/19/77	3	41	
GATE0180	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	09/12/74-11/04/93	19	25	
GATE0181	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	10/20/81-05/18/92	10	206	
GATE0183	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	06/01/83-10/17/95	12	141	
GATE0186	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	03/01/82-10/17/95	13	158	
GATE0187	Yes	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	10/20/81-05/18/92	10	104	
GATE0189	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	03/01/82-10/24/94	12	42	
GATE0194	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	10/20/81-05/18/92	10	204	
GATE0195	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	10/20/81-05/18/92	10	206	
GATE0196	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	03/01/82-10/17/95	13	133	
GATE0197	Yes	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	05/24/95-08/28/96	1	26	
GATE0201	Yes	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	04/17/72-08/31/94	22	326	
GATE0203	Yes	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	10/20/81-05/18/92	10	104	
GATE0204	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	10/20/81-05/18/92	10	103	
GATE0205	Yes	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	04/30/74-05/19/77	3	41	
GATE0207	Yes	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	04/17/72-10/05/87	15	227	
GATE0215	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	03/01/82-10/17/95	13	158	
GATE0217	Yes	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	10/20/81-05/18/92	10	103	
GATE0220	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	03/01/82-10/17/95	13	158	
GATE0223	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	03/01/82-10/17/95	13	133	
GATE0225	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	10/20/81-05/18/92	10	103	
GATE0230	Yes	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	10/20/81-06/16/95	13	119	
GATE0235	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	03/01/82-10/17/95	13	120	
GATE0237	Yes	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	04/30/74-05/19/77	3	39	
GATE0238	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	03/01/82-05/10/83	1	17	
GATE0240	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	03/01/82-05/10/83	1	17	
GATE0241	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	09/11/73-09/11/73	0	1	
GATE0243	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	07/07/93-11/04/93	0	10	
GATE0244	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	03/01/82-10/17/95	13	158	
GATE0247	Yes	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	05/24/95-08/28/96	1	26	
GATE0248	Yes	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	04/08/74-08/31/94	20	321	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 04/23/18 To 08/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GATE0253	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	03/01/82-05/10/83	1	17	
GATE0255	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	03/01/82-10/17/95	13	133	
GATE0258	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	03/01/82-05/10/83	1	17	
GATE0260	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	03/01/82-10/17/95	13	133	
GATE0261	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	10/20/81-06/16/95	13	120	
GATE0266	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	03/01/82-10/17/95	13	132	
GATE0267	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	03/01/82-05/17/84	2	30	
GATE0268	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	10/20/81-05/18/92	10	104	
GATE0273	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	03/01/82-10/17/95	13	133	
GATE0274	Yes	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	10/20/81-05/18/92	10	104	
GATE0276	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	03/01/82-10/17/95	13	158	
GATE0283	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	03/01/82-10/17/95	13	132	
GATE0284	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	10/20/81-06/16/95	13	120	
GATE0286	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	03/01/82-10/17/95	13	158	
GATE0287	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	10/20/81-05/18/92	10	104	
GATE0289	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	10/20/81-05/18/92	10	104	
GATE0290	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	03/01/82-10/17/95	13	133	
GATE0292	Yes	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	04/17/72-11/30/76	4	3	
GATE0294	Yes	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	10/20/81-05/18/92	10	104	
GATE0295	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	10/25/76-07/26/78	1	5	
GATE0296	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	09/11/78-06/14/79	0	5	
GATE0297	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	03/01/82-10/17/95	13	157	
GATE0298	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	10/20/81-05/21/84	2	31	
GATE0299	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	06/01/67-09/02/87	20	95	
GATE0301	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	10/20/81-06/16/95	13	120	
GATE0304	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	10/20/81-06/16/95	13	120	
GATE0305	Yes	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	11/05/81-06/16/95	13	119	
GATE0306	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	06/01/67-01/23/68	0	2	
GATE0310	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	10/25/76-06/16/95	18	124	
GATE0313	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	06/01/67-08/19/80	13	28	
GATE0314	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	10/20/81-05/18/92	10	104	
GATE0318	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	10/25/76-06/14/79	2	16	
GATE0319	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	11/05/81-06/16/95	13	119	
GATE0326	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	06/01/67-01/23/68	0	2	
GATE0329	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	10/20/81-05/21/84	2	31	
GATE0332	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	10/20/81-05/18/92	10	104	
GATE0334	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	10/20/81-05/18/92	10	104	
GATE0337	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	06/01/67-12/14/72	5	26	
GATE0338	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	10/20/81-06/16/95	13	120	
GATE0341	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	10/20/81-05/18/92	10	104	
GATE0344	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	10/20/81-05/18/92	10	104	
GATE0348	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	04/29/68-09/17/68	0	6	
GATE0349	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	10/20/81-06/16/95	13	120	
GATE0352	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	03/14/68-03/20/68	0	4	
GATE0353	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	10/20/81-06/16/95	13	120	
GATE0360	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	06/01/67-03/28/73	5	70	
GATE0364	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	10/20/81-06/16/95	13	120	
GATE0365	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	11/08/73-01/08/74	0	4	
GATE0366	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	03/15/82-06/16/95	13	122	
GATE0371	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	07/26/67-08/02/67	0	2	
GATE0372	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	03/15/82-02/28/92	9	106	
GATE0373	Yes	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	03/20/68-03/20/68	0	1	
GATE0377	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	01/10/93-01/10/93	0	1	
GATE0381	Yes	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	06/01/67-01/23/68	0	2	
GATE0386	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	03/15/82-06/16/95	13	122	
GATE0391	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	08/02/67-09/23/91	24	2	
GATE0393	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	03/15/82-02/28/92	9	106	
GATE0394	Yes	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	01/09/93-01/09/93	0	1	
GATE0396	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	06/05/67-06/05/67	0	1	
GATE0398	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	03/20/68-03/28/73	5	43	
GATE0400	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	01/10/93-01/10/93	0	1	
GATE0401	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	05/22/67-04/05/71	3	207	
GATE0402	Yes	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	06/30/80-09/28/81	1	22	
GATE0407	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	06/01/67-01/23/68	0	2	
GATE0411	Yes	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	06/30/80-09/28/81	1	22	
GATE0413	Yes	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	06/30/80-09/28/81	1	22	
GATE0415	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	01/10/93-01/10/93	0	1	
GATE0418	Yes	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	06/30/80-09/28/81	1	22	
GATE0427	Yes	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	06/30/80-09/28/81	1	22	
GATE0441	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	06/30/80-09/28/81	1	22	
GATE0005	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/30/89-08/30/93	4	135	
GATE0010	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/89-08/26/96	7	206	

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Station/Parameter Period of Record Tabulation
From 04/23/18 To 08/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GATE0012	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/26/96	13	146	
GATE0013	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/25/94-11/22/94	0	3	
GATE0017	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/15/76-07/18/77	0	4	
GATE0018	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/30/93	10	140	
GATE0019	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/30/93	10	140	
GATE0020	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/07/73-01/08/74	0	4	
GATE0021	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-08/11/86	12	77	
GATE0022	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/03/66-08/24/66	0	12	
GATE0023	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/15/76-07/18/77	0	4	
GATE0030	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/13/74-05/26/82	7	82	
GATE0034	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/28/92-08/26/96	4	132	
GATE0035	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/03/66-08/24/66	0	12	
GATE0036	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/07/73-01/08/74	0	4	
GATE0037	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/15/76-07/18/77	0	4	
GATE0038	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-08/11/86	12	97	
GATE0039	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/30/89-08/31/93	4	69	
GATE0040	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/31/94-08/26/96	2	88	
GATE0043	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/31/94-08/26/96	2	88	
GATE0049	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-10/25/94	11	144	
GATE0056	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/01/74-05/18/77	3	14	
GATE0058	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/30/93	10	139	
GATE0059	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/15/76-07/18/77	0	4	
GATE0060	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/10/75-06/11/77	1	24	
GATE0061	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/30/93	10	141	
GATE0063	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/30/89-08/15/89	0	20	
GATE0066	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/15/76-07/18/77	0	4	
GATE0068	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/31/94-08/26/96	2	81	
GATE0071	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/01/74-10/21/91	17	103	
GATE0074	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/31/83	0	7	
GATE0079	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/15/76-07/18/77	0	4	
GATE0082	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/22/90-08/26/96	6	196	
GATE0088	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/10/75-06/11/77	1	25	
GATE0090	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/26/96	13	206	
GATE0092	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/15/76-07/18/77	0	4	
GATE0093	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-08/11/86	12	96	
GATE0095	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/07/73-01/08/74	0	4	
GATE0096	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/03/66-08/24/66	0	12	
GATE0097	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/03/66-08/24/66	0	12	
GATE0098	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/07/73-01/08/74	0	4	
GATE0099	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/15/76-07/18/77	0	4	
GATE0101	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-08/11/86	12	102	
GATE0102	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-05/26/82	7	84	
GATE0103	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/07/73-01/08/74	0	4	
GATE0104	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/03/66-08/24/66	0	12	
GATE0106	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/30/93	10	144	
GATE0107	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/15/76-07/18/77	0	4	
GATE0109	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/17/75-07/18/77	1	16	
GATE0111	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/30/89-08/27/90	1	48	
GATE0112	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/30/89-08/27/90	1	48	
GATE0115	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/78-09/18/78	0	5	
GATE0119	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/31/83	0	7	
GATE0120	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/30/89-08/27/90	1	26	
GATE0121	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-05/26/82	7	87	
GATE0122	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/03/66-08/24/66	0	12	
GATE0124	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/07/73-01/08/74	0	4	
GATE0129	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/01/74-05/18/77	3	16	
GATE0131	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/17/75-07/18/77	1	68	
GATE0132	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/26/96	13	220	
GATE0138	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/07/73-01/08/74	0	4	
GATE0140	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-04/10/87	12	136	
GATE0143	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/03/66-08/24/66	0	12	
GATE0144	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/11/82-08/11/86	4	15	
GATE0146	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/79-05/17/79	0	2	
GATE0148	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/16/76-07/18/77	0	8	
GATE0149	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/20/78-11/04/93	15	20	
GATE0150	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/20/78-08/08/79	0	15	
GATE0151	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/16/74-05/16/74	0	2	
GATE0153	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/15/76-07/18/77	0	4	
GATE0155	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/07/77-06/11/77	0	16	
GATE0156	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/30/78-11/04/93	14	20	
GATE0158	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/30/78-08/10/79	0	15	
GATE0159	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/30/74-05/19/77	3	12	

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Station/Parameter Period of Record Tabulation
From 04/23/18 To 08/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GATE0160	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/30/74-05/17/77	3	16	
GATE0163	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/11/66-08/22/67	1	4	
GATE0164	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/02/75-09/10/79	4	117	
GATE0168	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/27/73-09/30/81	7	257	
GATE0169	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/13/76-06/04/79	3	45	
GATE0170	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-07/01/75	2	8	
GATE0172	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-10/17/95	22	206	
GATE0173	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-10/17/95	22	182	
GATE0178	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/30/74-05/19/77	3	12	
GATE0180	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/30/74-11/04/93	19	32	
GATE0181	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/28/77-05/18/92	15	257	
GATE0183	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/01/83-10/17/95	12	137	
GATE0186	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-10/17/95	22	207	
GATE0187	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/28/77-05/18/92	15	140	
GATE0188	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/30/66-08/29/66	0	6	
GATE0189	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-10/24/94	21	95	
GATE0194	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/28/77-05/18/92	15	278	
GATE0195	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/28/77-05/18/92	15	280	
GATE0196	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-10/17/95	22	182	
GATE0203	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-05/18/92	18	157	
GATE0204	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/28/77-05/18/92	15	140	
GATE0205	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/30/74-05/19/77	3	12	
GATE0206	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/07/77-08/06/93	15	2	
GATE0210	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/03/86-10/29/86	0	7	
GATE0211	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/03/86-11/12/86	0	12	
GATE0212	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/29/86-11/12/86	0	5	
GATE0215	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-10/17/95	22	207	
GATE0217	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-05/18/92	18	163	
GATE0218	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-02/28/73	0	5	
GATE0220	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-10/17/95	22	207	
GATE0221	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-02/28/73	0	5	
GATE0222	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/30/78-08/10/79	0	15	
GATE0223	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-10/17/95	22	182	
GATE0225	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-05/18/92	18	163	
GATE0227	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/93-08/24/93	0	10	
GATE0228	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-02/28/73	0	5	
GATE0230	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	21	178	
GATE0232	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/93-08/24/93	0	10	
GATE0235	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-10/17/95	22	163	
GATE0237	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/30/74-05/19/77	3	12	
GATE0238	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-05/17/84	11	82	
GATE0240	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-05/10/83	10	70	
GATE0241	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/29/67-05/22/75	7	11	
GATE0243	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/30/78-11/04/93	14	20	
GATE0244	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-10/17/95	22	209	
GATE0245	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-02/28/73	0	5	
GATE0246	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/13/76-04/23/79	3	53	
GATE0252	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-02/28/73	0	5	
GATE0253	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-05/10/83	10	70	
GATE0254	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-02/28/73	0	5	
GATE0255	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-10/17/95	22	183	
GATE0257	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/17/75-07/26/77	1	14	
GATE0258	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-05/10/83	10	70	
GATE0260	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-10/17/95	22	182	
GATE0261	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	21	180	
GATE0263	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-02/28/73	0	5	
GATE0264	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-07/01/75	2	8	
GATE0266	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/17/74-10/17/95	21	176	
GATE0267	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-05/17/84	11	83	
GATE0268	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-05/18/92	18	163	
GATE0269	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-02/28/73	0	5	
GATE0270	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-07/01/75	2	8	
GATE0271	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/71-08/02/77	6	18	
GATE0273	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-10/17/95	22	179	
GATE0274	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-05/18/92	18	163	
GATE0275	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-02/28/73	0	5	
GATE0276	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-10/17/95	22	207	
GATE0277	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-02/28/73	0	5	
GATE0279	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/11/63-08/13/64	0	7	
GATE0282	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/27/73-09/10/79	5	142	
GATE0283	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-10/17/95	22	181	
GATE0284	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	21	179	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 04/23/18 To 08/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GATE0285	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/71-08/02/77	6	18	
GATE0286	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-10/17/95	22	208	
GATE0287	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-05/18/92	18	164	
GATE0289	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-05/18/92	18	163	
GATE0290	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-10/17/95	22	182	
GATE0291	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-02/28/73	0	5	
GATE0294	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-05/18/92	18	157	
GATE0295	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/25/76-07/26/78	1	4	
GATE0296	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/27/73-09/30/81	7	145	
GATE0297	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-10/17/95	22	206	
GATE0298	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-05/21/84	10	94	
GATE0299	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/14/62-12/14/72	10	110	
GATE0301	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	21	179	
GATE0304	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	21	173	
GATE0305	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	21	173	
GATE0306	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/07/62-01/23/68	5	67	
GATE0308	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/01/75-09/01/81	6	39	
GATE0310	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	21	184	
GATE0312	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/01/75-09/01/81	6	41	
GATE0313	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/07/62-12/14/72	10	100	
GATE0314	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-05/18/92	18	157	
GATE0318	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/25/76-09/30/81	4	18	
GATE0319	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	21	168	
GATE0320	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/16/75-07/26/77	1	22	
GATE0321	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/71-08/02/77	6	18	
GATE0322	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/01/75-09/01/81	6	39	
GATE0325	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/01/75-09/01/81	6	39	
GATE0326	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/07/62-01/23/68	5	63	
GATE0329	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-05/21/84	10	88	
GATE0331	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/01/75-09/01/81	6	34	
GATE0332	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-05/18/92	18	157	
GATE0334	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-05/18/92	18	157	
GATE0336	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/74-06/19/74	0	9	
GATE0337	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/13/63-12/14/72	9	106	
GATE0338	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	21	173	
GATE0339	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/12/63-11/26/63	0	20	
GATE0341	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-05/18/92	18	152	
GATE0342	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/14/62-08/13/64	1	32	
GATE0344	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-05/18/92	18	157	
GATE0346	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/74-06/19/74	0	9	
GATE0347	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/31/62-11/06/62	0	14	
GATE0348	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/13/63-09/17/68	5	68	
GATE0349	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	21	173	
GATE0352	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/01/62-03/20/68	5	73	
GATE0353	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	21	169	
GATE0354	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/01/75-09/01/81	6	39	
GATE0356	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/16/75-07/28/77	1	232	
GATE0358	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/74-04/10/87	13	241	
GATE0360	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/01/62-03/28/73	10	242	
GATE0361	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/71-07/21/82	11	107	
GATE0364	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	21	173	
GATE0365	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/08/73-01/08/74	0	4	
GATE0366	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/01/75-06/16/95	20	157	
GATE0369	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/74-09/29/86	12	97	
GATE0370	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/19/86-04/10/87	0	33	
GATE0371	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/07/62-08/02/67	4	84	
GATE0372	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/01/75-02/28/92	16	142	
GATE0373	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/01/62-03/20/68	5	118	
GATE0374	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/75-09/10/79	4	76	
GATE0377	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/04/64-08/13/64	0	3	
GATE0380	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/74-06/19/74	0	9	
GATE0381	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/13/63-01/23/68	4	32	
GATE0384	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/16/75-07/28/77	1	98	
GATE0385	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/74-06/19/74	0	9	
GATE0386	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/01/75-06/16/95	20	158	
GATE0387	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/74-06/19/74	0	9	
GATE0389	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/31/62-11/06/62	0	14	
GATE0390	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/26/74-07/27/78	4	5374	
GATE0391	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/07/62-08/02/67	4	95	
GATE0393	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/01/75-02/28/92	16	136	
GATE0394	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/11/63-08/13/64	0	6	
GATE0395	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/74-06/19/74	0	9	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 04/23/18 To 08/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GATE0396	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/63-06/05/67	3	22	
GATE0398	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/16/64-03/28/73	9	71	
GATE0400	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/13/63-11/08/65	2	79	
GATE0401	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/29/64-04/05/71	6	483	
GATE0403	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/30/83-08/31/92	9	20	
GATE0404	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/12/63-11/26/63	0	20	
GATE0405	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/74-06/19/74	0	8	
GATE0407	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/13/63-01/23/68	4	53	
GATE0409	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/07/74-03/24/86	11	103	
GATE0410	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/17/75-07/26/77	1	132	
GATE0412	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/30/83-08/31/92	9	20	
GATE0415	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/11/63-08/11/64	0	5	
GATE0416	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/30/83-08/31/92	9	20	
GATE0419	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/11/63-08/11/64	0	5	
GATE0422	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/17/75-07/26/77	1	132	
GATE0423	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/30/83-08/31/92	9	20	
GATE0425	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/30/83-08/31/92	9	20	
GATE0428	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/30/83-08/31/92	9	20	
GATE0432	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/30/83-08/31/92	9	20	
GATE0436	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/16/63-08/11/64	0	5	
GATE0437	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/16/75-07/26/77	1	130	
GATE0439	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/16/63-08/11/64	0	5	
GATE0020	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	45	564	T,A,S
GATE0036	Yes	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	08/16/48-09/15/66	18	386	A
GATE0095	Yes	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/30/25-09/15/66	41	546	T,A,S
GATE0098	Yes	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	45	634	T,A,S
GATE0103	Yes	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/15/22-09/15/66	44	571	T,A,S
GATE0124	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/27/38-09/15/66	28	546	T,A,S
GATE0365	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/23/18-09/20/66	48	1346	T,A,S
GATE0005	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/28/92-08/30/93	1	30	
GATE0010	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/28/92-08/26/96	4	65	
GATE0012	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/28/94-08/26/96	2	33	
GATE0013	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/25/94-11/22/94	0	3	
GATE0018	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/28/92-08/30/93	1	30	
GATE0019	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/28/92-08/30/93	1	30	
GATE0020	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/07/73-11/07/73	0	2	
GATE0022	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/03/66-08/24/66	0	12	
GATE0032	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/22/65-04/22/65	0	13	
GATE0034	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/28/92-08/26/96	4	65	
GATE0035	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/03/66-08/24/66	0	12	
GATE0036	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/07/73-01/08/74	0	4	
GATE0039	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/27/92-08/31/93	1	29	
GATE0040	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/31/94-08/26/96	2	46	
GATE0043	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/31/94-08/26/96	2	45	
GATE0049	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/28/92-10/25/94	2	31	
GATE0058	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/28/92-08/30/93	1	30	
GATE0061	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/28/92-08/30/93	1	30	
GATE0068	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/31/94-08/26/96	2	42	
GATE0082	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/28/92-08/26/96	4	73	
GATE0090	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/28/92-08/26/96	4	80	
GATE0095	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/07/73-01/08/74	0	4	
GATE0096	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/03/66-08/24/66	0	12	
GATE0097	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/22/65-08/24/66	1	13	
GATE0098	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/07/73-01/08/74	0	4	
GATE0103	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/07/73-01/08/74	0	4	
GATE0104	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/03/66-08/24/66	0	12	
GATE0106	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/28/92-08/30/93	1	30	
GATE0122	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/03/66-08/24/66	0	12	
GATE0124	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/07/73-01/08/74	0	4	
GATE0132	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/28/92-08/26/96	4	73	
GATE0138	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/07/73-01/08/74	0	4	
GATE0143	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/03/66-08/24/66	0	12	
GATE0149	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/20/78-11/04/93	15	40	
GATE0150	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/20/78-08/08/79	0	30	
GATE0156	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/30/78-11/04/93	14	40	
GATE0158	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/30/78-08/10/79	0	30	
GATE0163	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/11/66-08/11/66	0	3	
GATE0164	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/02/75-09/10/79	4	111	
GATE0168	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/27/73-09/10/79	5	244	
GATE0169	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/13/76-06/04/79	3	44	
GATE0172	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	19	191	
GATE0173	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	19	167	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 04/23/18 To 08/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GATE0180	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/30/78-11/04/93	14	40	
GATE0181	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	15	259	
GATE0183	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/01/83-10/17/95	12	137	
GATE0186	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	19	192	
GATE0187	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	15	141	
GATE0188	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/30/66-08/29/66	0	6	
GATE0189	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/24/94	18	80	
GATE0194	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	15	280	
GATE0195	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	15	282	
GATE0196	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	19	167	
GATE0203	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	15	141	
GATE0204	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	15	141	
GATE0210	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/30/86-09/03/86	0	5	
GATE0211	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/30/86-09/03/86	0	5	
GATE0215	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	19	192	
GATE0217	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	15	141	
GATE0220	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	19	192	
GATE0222	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/30/78-08/10/79	0	30	
GATE0223	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	19	167	
GATE0225	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	15	141	
GATE0230	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	18	156	
GATE0235	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/15/77-10/17/95	17	158	
GATE0238	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-05/17/84	7	67	
GATE0240	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-05/10/83	6	55	
GATE0243	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/30/78-11/04/93	14	40	
GATE0244	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	19	194	
GATE0246	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/13/76-04/23/79	3	50	
GATE0253	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-05/10/83	6	55	
GATE0255	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	19	168	
GATE0258	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-05/10/83	6	55	
GATE0260	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	19	167	
GATE0261	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	18	158	
GATE0266	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	19	166	
GATE0267	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-05/17/84	7	71	
GATE0268	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	15	141	
GATE0273	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	19	167	
GATE0274	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	15	141	
GATE0276	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	19	192	
GATE0279	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/11/63-08/13/64	0	7	
GATE0282	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/27/73-09/10/79	5	139	
GATE0283	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	19	166	
GATE0284	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	18	157	
GATE0286	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	19	193	
GATE0287	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	15	142	
GATE0289	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	15	141	
GATE0290	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/03/70-10/17/95	25	168	
GATE0294	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	15	141	
GATE0296	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/27/73-05/30/79	5	137	
GATE0297	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	19	191	
GATE0298	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/21/84	7	71	
GATE0299	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/14/62-12/14/72	10	100	
GATE0301	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	18	157	
GATE0304	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	18	157	
GATE0305	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	18	157	
GATE0306	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/07/62-08/13/64	2	65	
GATE0308	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-09/01/81	4	29	
GATE0310	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	18	157	
GATE0312	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/02/76-09/01/81	5	31	
GATE0313	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/07/62-12/14/72	10	98	
GATE0314	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	15	141	
GATE0319	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	18	157	
GATE0322	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-09/01/81	4	29	
GATE0325	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-09/01/81	4	29	
GATE0326	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/07/62-07/29/64	1	62	
GATE0329	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/21/84	7	71	
GATE0331	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-09/01/81	4	29	
GATE0332	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	15	141	
GATE0334	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	15	141	
GATE0337	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/13/63-12/14/72	9	102	
GATE0338	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	18	157	
GATE0339	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/12/63-11/26/63	0	19	
GATE0341	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	15	141	

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Station/Parameter Period of Record Tabulation
From 04/23/18 To 08/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GATE0342	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/14/62-08/13/64	1	32	
GATE0344	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	15	141	
GATE0347	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/31/62-11/06/62	0	14	
GATE0348	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/13/63-09/17/68	5	66	
GATE0349	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	18	157	
GATE0352	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/01/62-09/20/66	4	69	
GATE0353	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	18	157	
GATE0354	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-09/01/81	4	29	
GATE0360	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/01/62-12/14/72	10	230	
GATE0364	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	18	157	
GATE0365	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/08/73-01/08/74	0	4	
GATE0366	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-06/16/95	18	147	
GATE0371	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/07/62-11/08/65	3	82	
GATE0372	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-02/28/92	14	132	
GATE0373	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/01/62-09/20/66	4	118	
GATE0374	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/30/75-09/10/79	4	69	
GATE0377	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/04/64-08/13/64	0	3	
GATE0381	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/13/63-09/29/64	1	31	
GATE0386	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-06/16/95	18	148	
GATE0389	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/31/62-11/06/62	0	14	
GATE0391	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/07/62-08/13/64	2	94	
GATE0393	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-02/28/92	14	131	
GATE0394	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/11/63-08/13/64	0	6	
GATE0396	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/16/63-03/16/64	0	21	
GATE0398	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/16/64-10/31/72	8	66	
GATE0400	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/13/63-11/08/65	2	79	
GATE0401	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/29/64-04/05/71	6	312	
GATE0403	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/27/92-08/31/92	0	14	
GATE0404	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/12/63-11/26/63	0	18	
GATE0407	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/13/63-08/23/66	3	51	
GATE0412	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/27/92-08/31/92	0	14	
GATE0415	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/11/63-08/11/64	0	5	
GATE0416	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/27/92-08/31/92	0	14	
GATE0419	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/11/63-08/11/64	0	5	
GATE0423	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/27/92-08/31/92	0	15	
GATE0425	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/27/92-08/31/92	0	15	
GATE0428	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/27/92-08/31/92	0	15	
GATE0432	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/27/92-08/31/92	0	15	
GATE0436	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/16/63-08/11/64	0	5	
GATE0439	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/16/63-08/11/64	0	5	
GATE0117	No	00023	SAMPLE WEIGHT IN POUNDS	07/03/76-07/05/76	0	2	
GATE0149	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	10/20/78-11/04/93	15	40	
GATE0150	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	10/20/78-08/08/79	0	30	
GATE0156	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	11/30/78-11/04/93	14	40	
GATE0158	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	11/30/78-08/10/79	0	30	
GATE0164	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	01/02/75-09/10/79	4	119	
GATE0168	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	11/27/73-09/30/81	7	263	
GATE0169	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	04/13/76-06/18/79	3	48	
GATE0170	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	02/05/73-07/01/75	2	8	
GATE0172	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	02/05/73-10/17/95	22	212	
GATE0173	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	02/05/73-10/17/95	22	188	
GATE0174	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	06/10/85-09/03/85	0	13	
GATE0177	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	06/10/85-09/03/85	0	13	
GATE0180	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	11/30/78-11/04/93	14	40	
GATE0181	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	03/28/77-05/18/92	15	265	
GATE0182	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	06/17/85-09/03/85	0	11	
GATE0183	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	06/01/83-10/17/95	12	141	
GATE0186	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	02/05/73-10/17/95	22	213	
GATE0187	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	03/28/77-05/18/92	15	144	
GATE0189	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	02/05/73-10/24/94	21	98	
GATE0191	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	06/10/85-09/03/85	0	12	
GATE0194	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	03/28/77-05/18/92	15	286	
GATE0195	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	03/28/77-05/18/92	15	288	
GATE0196	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	02/05/73-10/17/95	22	188	
GATE0203	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/10/73-05/18/92	18	161	
GATE0204	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	03/28/77-05/18/92	15	144	
GATE0206	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	04/24/90-08/06/93	3	2	
GATE0215	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	02/05/73-10/17/95	22	213	
GATE0216	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	06/10/85-09/03/85	0	12	
GATE0217	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/10/73-05/18/92	18	168	
GATE0218	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	02/05/73-02/28/73	0	5	
GATE0220	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	02/05/73-10/17/95	22	213	

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Station/Parameter Period of Record Tabulation
From 04/23/18 To 08/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GATE0221	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	02/05/73-02/28/73	0	5	
GATE0222	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	11/30/78-08/10/79	0	30	
GATE0223	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	02/05/73-10/17/95	22	188	
GATE0225	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/10/73-05/18/92	18	168	
GATE0228	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	02/05/73-02/28/73	0	5	
GATE0230	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/10/73-06/16/95	21	183	
GATE0231	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	06/10/85-09/03/85	0	13	
GATE0235	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	02/05/73-10/17/95	22	167	
GATE0238	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	02/05/73-05/17/84	11	84	
GATE0239	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	06/10/85-09/03/85	0	13	
GATE0240	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	02/05/73-05/10/83	10	72	
GATE0242	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	06/10/85-09/03/85	0	13	
GATE0243	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	11/30/78-11/04/93	14	40	
GATE0244	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	02/05/73-10/17/95	22	213	
GATE0245	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	02/05/73-02/28/73	0	5	
GATE0246	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	04/13/76-04/23/79	3	55	
GATE0252	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	02/05/73-02/28/73	0	5	
GATE0253	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	02/05/73-05/10/83	10	72	
GATE0254	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	02/05/73-02/28/73	0	5	
GATE0255	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	02/05/73-10/17/95	22	188	
GATE0258	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	02/05/73-05/10/83	10	72	
GATE0260	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	02/05/73-10/17/95	22	188	
GATE0261	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/10/73-06/16/95	21	184	
GATE0263	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	02/05/73-02/28/73	0	5	
GATE0264	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	02/05/73-07/01/75	2	8	
GATE0266	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	07/17/74-10/17/95	21	182	
GATE0267	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	02/05/73-05/17/84	11	82	
GATE0268	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/10/73-05/18/92	18	168	
GATE0269	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	02/05/73-02/28/73	0	5	
GATE0270	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	02/05/73-07/01/75	2	8	
GATE0273	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	02/05/73-10/17/95	22	185	
GATE0274	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/10/73-05/18/92	18	168	
GATE0275	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	02/05/73-02/28/73	0	5	
GATE0276	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	02/05/73-10/17/95	22	213	
GATE0277	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	02/05/73-02/28/73	0	5	
GATE0278	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	06/10/85-09/03/85	0	13	
GATE0282	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	11/27/73-09/10/79	5	147	
GATE0283	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	02/05/73-10/17/95	22	187	
GATE0284	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/10/73-06/16/95	21	184	
GATE0286	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	02/05/73-10/17/95	22	213	
GATE0287	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/10/73-05/18/92	18	168	
GATE0289	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/10/73-05/18/92	18	168	
GATE0290	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	02/05/73-10/17/95	22	188	
GATE0291	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	02/05/73-02/28/73	0	5	
GATE0294	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/10/73-05/18/92	18	161	
GATE0296	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	11/27/73-09/30/81	7	148	
GATE0297	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	02/05/73-10/17/95	22	212	
GATE0298	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/10/73-05/21/84	10	95	
GATE0301	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/10/73-06/16/95	21	184	
GATE0304	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/10/73-06/16/95	21	177	
GATE0305	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/10/73-06/16/95	21	177	
GATE0308	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	04/01/75-09/01/81	6	39	
GATE0310	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/10/73-06/16/95	21	183	
GATE0312	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	04/01/75-09/01/81	6	39	
GATE0314	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/10/73-05/18/92	18	161	
GATE0318	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	07/15/81-09/30/81	0	2	
GATE0319	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/10/73-06/16/95	21	172	
GATE0322	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	04/01/75-09/01/81	6	39	
GATE0325	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	04/01/75-09/01/81	6	39	
GATE0329	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/10/73-05/21/84	10	88	
GATE0331	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	04/01/75-09/01/81	6	34	
GATE0332	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/10/73-05/18/92	18	161	
GATE0334	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/10/73-05/18/92	18	161	
GATE0338	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/10/73-06/16/95	21	177	
GATE0341	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/10/73-05/18/92	18	156	
GATE0344	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/10/73-05/18/92	18	161	
GATE0349	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/10/73-06/16/95	21	177	
GATE0353	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/10/73-06/16/95	21	173	
GATE0354	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	04/01/75-09/01/81	6	39	
GATE0364	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/10/73-06/16/95	21	177	
GATE0366	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	04/01/75-06/16/95	20	161	
GATE0372	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	04/01/75-02/28/92	16	145	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 04/23/18 To 08/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GATE0374	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	07/30/75-09/10/79	4	82	
GATE0386	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	04/01/75-06/16/95	20	161	
GATE0393	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	04/01/75-02/28/92	16	140	
GATE0001	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/22/78-09/22/78	0	1	
GATE0003	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/24/78-09/24/78	0	1	
GATE0072	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	07/18/78-07/18/78	0	4	
GATE0117	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	07/03/76-07/05/76	0	2	
GATE0149	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	10/20/78-11/04/93	15	40	
GATE0150	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	10/20/78-08/08/79	0	30	
GATE0156	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	11/30/78-11/04/93	14	40	
GATE0158	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	11/30/78-08/10/79	0	30	
GATE0164	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	01/02/75-09/10/79	4	119	
GATE0168	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	11/27/73-09/30/81	7	263	
GATE0169	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	04/13/76-06/18/79	3	48	
GATE0170	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	02/05/73-07/01/75	2	8	
GATE0172	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	02/05/73-10/17/95	22	212	
GATE0173	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	02/05/73-10/17/95	22	188	
GATE0174	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	06/10/85-09/03/85	0	13	
GATE0177	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	06/10/85-09/03/85	0	13	
GATE0180	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	11/30/78-11/04/93	14	40	
GATE0181	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	03/28/77-05/18/92	15	266	
GATE0182	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	06/17/85-09/03/85	0	11	
GATE0183	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	06/01/83-10/17/95	12	141	
GATE0186	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	02/05/73-10/17/95	22	213	
GATE0187	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	03/28/77-05/18/92	15	144	
GATE0189	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	02/05/73-10/24/94	21	98	
GATE0191	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	06/10/85-09/03/85	0	12	
GATE0194	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	03/28/77-05/18/92	15	286	
GATE0195	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	03/28/77-05/18/92	15	288	
GATE0196	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	02/05/73-10/17/95	22	188	
GATE0203	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/10/73-05/18/92	18	161	
GATE0204	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	03/28/77-05/18/92	15	144	
GATE0206	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	04/24/90-08/06/93	3	2	
GATE0215	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	02/05/73-10/17/95	22	213	
GATE0216	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	06/10/85-09/03/85	0	12	
GATE0217	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/10/73-05/18/92	18	168	
GATE0218	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	02/05/73-02/28/73	0	5	
GATE0220	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	02/05/73-10/17/95	22	213	
GATE0221	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	02/05/73-02/28/73	0	5	
GATE0222	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	11/30/78-08/10/79	0	30	
GATE0223	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	02/05/73-10/17/95	22	188	
GATE0225	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/10/73-05/18/92	18	168	
GATE0228	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	02/05/73-02/28/73	0	5	
GATE0230	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/10/73-06/16/95	21	183	
GATE0231	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	06/10/85-09/03/85	0	13	
GATE0235	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	02/05/73-10/17/95	22	167	
GATE0238	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	02/05/73-05/17/84	11	84	
GATE0239	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	06/10/85-09/03/85	0	13	
GATE0240	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	02/05/73-05/10/83	10	72	
GATE0242	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	06/10/85-09/03/85	0	13	
GATE0243	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	11/30/78-11/04/93	14	40	
GATE0244	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	02/05/73-10/17/95	22	213	
GATE0245	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	02/05/73-02/28/73	0	5	
GATE0246	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	04/13/76-04/23/79	3	55	
GATE0252	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	02/05/73-02/28/73	0	5	
GATE0253	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	02/05/73-05/10/83	10	72	
GATE0254	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	02/05/73-02/28/73	0	5	
GATE0255	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	02/05/73-10/17/95	22	188	
GATE0258	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	02/05/73-05/10/83	10	72	
GATE0260	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	02/05/73-10/17/95	22	188	
GATE0261	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/10/73-06/16/95	21	184	
GATE0262	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	07/16/76-07/16/76	0	2	
GATE0263	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	02/05/73-02/28/73	0	5	
GATE0264	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	02/05/73-07/01/75	2	8	
GATE0266	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	07/17/74-10/17/95	21	182	
GATE0267	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	02/05/73-05/17/84	11	82	
GATE0268	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/10/73-05/18/92	18	168	
GATE0269	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	02/05/73-02/28/73	0	5	
GATE0270	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	02/05/73-07/01/75	2	8	
GATE0273	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	02/05/73-10/17/95	22	185	
GATE0274	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/10/73-05/18/92	18	168	
GATE0275	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	02/05/73-02/28/73	0	5	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 04/23/18 To 08/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GATE0276	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	02/05/73-10/17/95	22	213	
GATE0277	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	02/05/73-02/28/73	0	5	
GATE0278	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	06/10/85-09/03/85	0	13	
GATE0282	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	11/27/73-09/10/79	5	147	
GATE0283	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	02/05/73-10/17/95	22	187	
GATE0284	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/10/73-06/16/95	21	184	
GATE0286	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	02/05/73-10/17/95	22	213	
GATE0287	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/10/73-05/18/92	18	168	
GATE0289	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/10/73-05/18/92	18	168	
GATE0290	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	02/05/73-10/17/95	22	188	
GATE0291	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	02/05/73-02/28/73	0	5	
GATE0294	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/10/73-05/18/92	18	161	
GATE0296	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	11/27/73-09/30/81	7	148	
GATE0297	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	02/05/73-10/17/95	22	212	
GATE0298	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/10/73-05/21/84	10	95	
GATE0301	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/10/73-06/16/95	21	184	
GATE0304	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/10/73-06/16/95	21	177	
GATE0305	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/10/73-06/16/95	21	177	
GATE0308	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	04/01/75-09/01/81	6	39	
GATE0310	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/10/73-06/16/95	21	184	
GATE0312	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	04/01/75-09/01/81	6	39	
GATE0314	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/10/73-05/18/92	18	161	
GATE0318	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	07/15/81-09/30/81	0	2	
GATE0319	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/10/73-06/16/95	21	172	
GATE0322	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	04/01/75-09/01/81	6	39	
GATE0325	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	04/01/75-09/01/81	6	39	
GATE0329	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/10/73-05/21/84	10	88	
GATE0331	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	04/01/75-09/01/81	6	34	
GATE0332	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/10/73-05/18/92	18	161	
GATE0334	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/10/73-05/18/92	18	161	
GATE0338	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/10/73-06/16/95	21	177	
GATE0341	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/10/73-05/18/92	18	156	
GATE0344	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/10/73-05/18/92	18	161	
GATE0349	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/10/73-06/16/95	21	177	
GATE0353	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/10/73-06/16/95	21	173	
GATE0354	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	04/01/75-09/01/81	6	39	
GATE0364	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/10/73-06/16/95	21	177	
GATE0366	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	04/01/75-06/16/95	20	161	
GATE0372	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	04/01/75-02/28/92	16	145	
GATE0374	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	07/30/75-09/10/79	4	82	
GATE0386	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	04/01/75-06/16/95	20	161	
GATE0393	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	04/01/75-02/28/92	16	140	
GATE0299	No	00030	LIGHT, INCIDENT, SUNLIGHT RADIATION INTENSITY	08/25/69-08/25/69	0	1	
GATE0313	No	00030	LIGHT, INCIDENT, SUNLIGHT RADIATION INTENSITY	08/25/69-08/25/69	0	1	
GATE0337	No	00030	LIGHT, INCIDENT, SUNLIGHT RADIATION INTENSITY	08/25/69-08/25/69	0	1	
GATE0360	No	00030	LIGHT, INCIDENT, SUNLIGHT RADIATION INTENSITY	08/25/69-08/25/69	0	1	
GATE0149	No	00035	WIND VELOCITY (MILES PER HOUR)	10/20/78-11/04/93	15	40	
GATE0150	No	00035	WIND VELOCITY (MILES PER HOUR)	10/20/78-08/08/79	0	30	
GATE0156	No	00035	WIND VELOCITY (MILES PER HOUR)	11/30/78-11/04/93	14	40	
GATE0158	No	00035	WIND VELOCITY (MILES PER HOUR)	11/30/78-08/10/79	0	30	
GATE0170	No	00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-07/01/75	2	8	
GATE0172	No	00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	22	209	
GATE0173	No	00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	22	185	
GATE0180	No	00035	WIND VELOCITY (MILES PER HOUR)	11/30/78-11/04/93	14	40	
GATE0181	No	00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	15	265	
GATE0183	No	00035	WIND VELOCITY (MILES PER HOUR)	06/01/83-10/17/95	12	141	
GATE0186	No	00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	22	210	
GATE0187	Yes	00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	15	143	
GATE0189	No	00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/24/94	21	94	
GATE0194	No	00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	15	284	
GATE0195	No	00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	15	286	
GATE0196	No	00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	22	185	
GATE0203	Yes	00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	18	160	
GATE0204	No	00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	15	143	
GATE0215	No	00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	22	210	
GATE0217	Yes	00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	18	167	
GATE0218	No	00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-02/28/73	0	5	
GATE0220	No	00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	22	210	
GATE0221	No	00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-02/28/73	0	5	
GATE0222	No	00035	WIND VELOCITY (MILES PER HOUR)	11/30/78-08/10/79	0	30	
GATE0223	No	00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	22	185	
GATE0225	No	00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	18	167	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 04/23/18 To 08/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GATE0228	No	00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-02/28/73	0	5	
GATE0230	Yes	00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	21	182	
GATE0235	No	00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	22	167	
GATE0238	No	00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-05/17/84	11	81	
GATE0240	No	00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-05/10/83	10	69	
GATE0243	No	00035	WIND VELOCITY (MILES PER HOUR)	11/30/78-11/04/93	14	40	
GATE0244	No	00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	22	210	
GATE0245	No	00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-02/28/73	0	5	
GATE0252	No	00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-02/28/73	0	5	
GATE0253	No	00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-05/10/83	10	69	
GATE0254	No	00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-02/28/73	0	5	
GATE0255	No	00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	22	185	
GATE0258	No	00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-05/10/83	10	69	
GATE0260	No	00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	22	185	
GATE0261	No	00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	21	183	
GATE0263	No	00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-02/28/73	0	5	
GATE0264	No	00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-07/01/75	2	8	
GATE0266	No	00035	WIND VELOCITY (MILES PER HOUR)	07/17/74-10/17/95	21	179	
GATE0267	No	00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-05/17/84	11	79	
GATE0268	No	00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	18	167	
GATE0269	No	00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-02/28/73	0	5	
GATE0270	No	00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-07/01/75	2	8	
GATE0273	No	00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	22	182	
GATE0274	Yes	00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	18	167	
GATE0275	No	00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-02/28/73	0	5	
GATE0276	No	00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	22	210	
GATE0277	No	00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-02/28/73	0	5	
GATE0283	No	00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	22	184	
GATE0284	No	00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	21	183	
GATE0286	No	00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	22	210	
GATE0287	No	00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	18	167	
GATE0289	No	00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	18	167	
GATE0290	No	00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	22	185	
GATE0291	No	00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-02/28/73	0	5	
GATE0294	Yes	00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	18	160	
GATE0297	No	00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	22	209	
GATE0298	No	00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/21/84	10	94	
GATE0301	No	00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	21	183	
GATE0304	No	00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	21	176	
GATE0305	Yes	00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	21	176	
GATE0308	No	00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-09/01/81	6	34	
GATE0310	No	00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	21	183	
GATE0312	No	00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-09/01/81	6	34	
GATE0314	No	00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	18	160	
GATE0319	No	00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	21	171	
GATE0322	No	00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-09/01/81	6	34	
GATE0325	No	00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-09/01/81	6	34	
GATE0329	No	00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/21/84	10	87	
GATE0331	No	00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-09/01/81	6	32	
GATE0332	No	00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	18	160	
GATE0334	No	00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	18	160	
GATE0338	No	00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	21	176	
GATE0341	No	00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	18	155	
GATE0344	No	00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	18	160	
GATE0349	No	00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	21	176	
GATE0353	No	00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	21	171	
GATE0354	No	00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-09/01/81	6	34	
GATE0364	No	00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	21	176	
GATE0366	No	00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-06/16/95	20	156	
GATE0372	No	00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-02/28/92	16	140	
GATE0386	No	00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-06/16/95	20	156	
GATE0393	No	00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-02/28/92	16	138	
GATE0149	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	10/20/78-11/04/93	15	40	
GATE0150	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	10/20/78-08/08/79	0	30	
GATE0156	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	11/30/78-11/04/93	14	40	
GATE0158	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	11/30/78-08/10/79	0	30	
GATE0170	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	02/05/73-07/01/75	2	7	
GATE0172	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	02/05/73-10/17/95	22	207	
GATE0173	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	02/05/73-10/17/95	22	183	
GATE0180	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	11/30/78-11/04/93	14	40	
GATE0181	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	03/28/77-05/18/92	15	256	
GATE0183	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	06/01/83-10/17/95	12	141	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 04/23/18 To 08/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GATE0186	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	02/05/73-10/17/95	22	208	
GATE0187	Yes	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	03/28/77-05/18/92	15	138	
GATE0189	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	02/05/73-10/24/94	21	92	
GATE0194	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	03/28/77-05/18/92	15	274	
GATE0195	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	03/28/77-05/18/92	15	276	
GATE0196	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	02/05/73-10/17/95	22	183	
GATE0203	Yes	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	08/10/73-05/18/92	18	154	
GATE0204	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	03/28/77-05/18/92	15	138	
GATE0215	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	02/05/73-10/17/95	22	208	
GATE0217	Yes	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	08/10/73-05/18/92	18	159	
GATE0218	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	02/05/73-02/28/73	0	4	
GATE0220	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	02/05/73-10/17/95	22	208	
GATE0221	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	02/05/73-02/28/73	0	4	
GATE0222	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	11/30/78-08/10/79	0	30	
GATE0223	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	02/05/73-10/17/95	22	183	
GATE0225	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	08/10/73-05/18/92	18	159	
GATE0228	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	02/05/73-02/28/73	0	4	
GATE0230	Yes	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	08/10/73-06/16/95	21	174	
GATE0235	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	02/05/73-10/17/95	22	165	
GATE0238	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	02/05/73-05/17/84	11	79	
GATE0240	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	02/05/73-05/10/83	10	67	
GATE0243	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	11/30/78-11/04/93	14	40	
GATE0244	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	02/05/73-10/17/95	22	208	
GATE0245	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	02/05/73-02/28/73	0	4	
GATE0252	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	02/05/73-02/28/73	0	4	
GATE0253	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	02/05/73-05/10/83	10	67	
GATE0254	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	02/05/73-02/28/73	0	4	
GATE0255	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	02/05/73-10/17/95	22	182	
GATE0258	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	02/05/73-05/10/83	10	67	
GATE0260	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	02/05/73-10/17/95	22	183	
GATE0261	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	08/10/73-06/16/95	21	175	
GATE0263	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	02/05/73-02/28/73	0	4	
GATE0264	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	02/05/73-07/01/75	2	7	
GATE0266	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	07/17/74-10/17/95	21	178	
GATE0267	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	02/05/73-05/17/84	11	77	
GATE0268	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	08/10/73-05/18/92	18	159	
GATE0269	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	02/05/73-02/28/73	0	4	
GATE0270	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	02/05/73-07/01/75	2	7	
GATE0273	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	02/05/73-10/17/95	22	180	
GATE0274	Yes	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	08/10/73-05/18/92	18	159	
GATE0275	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	02/05/73-02/28/73	0	4	
GATE0276	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	02/05/73-10/17/95	22	208	
GATE0277	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	02/05/73-02/28/73	0	4	
GATE0283	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	02/05/73-10/17/95	22	182	
GATE0284	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	08/10/73-06/16/95	21	175	
GATE0286	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	02/05/73-10/17/95	22	208	
GATE0287	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	08/10/73-05/18/92	18	159	
GATE0289	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	08/10/73-05/18/92	18	159	
GATE0290	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	02/05/73-10/17/95	22	183	
GATE0291	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	02/05/73-02/28/73	0	4	
GATE0294	Yes	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	08/10/73-05/18/92	18	154	
GATE0297	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	02/05/73-10/17/95	22	207	
GATE0298	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	08/10/73-05/21/84	10	86	
GATE0301	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	08/10/73-06/16/95	21	175	
GATE0304	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	08/10/73-06/16/95	21	170	
GATE0305	Yes	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	08/10/73-06/16/95	21	170	
GATE0308	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	04/01/75-09/01/81	6	34	
GATE0310	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	08/10/73-06/16/95	21	175	
GATE0312	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	04/01/75-09/01/81	6	34	
GATE0314	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	08/10/73-05/18/92	18	154	
GATE0319	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	08/10/73-06/16/95	21	165	
GATE0322	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	04/01/75-09/01/81	6	34	
GATE0325	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	04/01/75-09/01/81	6	34	
GATE0329	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	08/10/73-05/21/84	10	81	
GATE0331	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	04/01/75-09/01/81	6	32	
GATE0332	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	08/10/73-05/18/92	18	154	
GATE0334	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	08/10/73-05/18/92	18	154	
GATE0338	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	08/10/73-06/16/95	21	170	
GATE0341	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	08/10/73-05/18/92	18	149	
GATE0344	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	08/10/73-05/18/92	18	154	
GATE0349	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	08/10/73-06/16/95	21	170	
GATE0353	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	08/10/73-06/16/95	21	165	

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Station/Parameter Period of Record Tabulation
From 04/23/18 To 08/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GATE0354	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	04/01/75-09/01/81	6	34	
GATE0364	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	08/10/73-06/16/95	21	170	
GATE0366	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	04/01/75-06/16/95	20	156	
GATE0372	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	04/01/75-02/28/92	16	140	
GATE0386	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	04/01/75-06/16/95	20	156	
GATE0393	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	04/01/75-02/28/92	16	138	
GATE0149	No	00041	WEATHER (WMO CODE 4501)	07/07/93-11/04/93	0	10	
GATE0156	No	00041	WEATHER (WMO CODE 4501)	07/07/93-11/04/93	0	10	
GATE0172	No	00041	WEATHER (WMO CODE 4501)	03/01/82-10/17/95	13	157	
GATE0173	No	00041	WEATHER (WMO CODE 4501)	03/01/82-10/17/95	13	133	
GATE0180	No	00041	WEATHER (WMO CODE 4501)	07/07/93-11/04/93	0	10	
GATE0181	No	00041	WEATHER (WMO CODE 4501)	10/20/81-05/18/92	10	206	
GATE0183	No	00041	WEATHER (WMO CODE 4501)	06/01/83-10/17/95	12	141	
GATE0186	No	00041	WEATHER (WMO CODE 4501)	03/01/82-10/17/95	13	158	
GATE0187	Yes	00041	WEATHER (WMO CODE 4501)	10/20/81-05/18/92	10	104	
GATE0189	No	00041	WEATHER (WMO CODE 4501)	03/01/82-10/24/94	12	42	
GATE0194	No	00041	WEATHER (WMO CODE 4501)	10/20/81-05/18/92	10	204	
GATE0195	No	00041	WEATHER (WMO CODE 4501)	10/20/81-05/18/92	10	206	
GATE0196	No	00041	WEATHER (WMO CODE 4501)	03/01/82-10/17/95	13	133	
GATE0203	Yes	00041	WEATHER (WMO CODE 4501)	10/20/81-05/18/92	10	104	
GATE0204	No	00041	WEATHER (WMO CODE 4501)	10/20/81-05/18/92	10	103	
GATE0210	No	00041	WEATHER (WMO CODE 4501)	04/03/86-11/19/86	0	9	
GATE0211	No	00041	WEATHER (WMO CODE 4501)	04/03/86-11/19/86	0	9	
GATE0215	No	00041	WEATHER (WMO CODE 4501)	03/01/82-10/17/95	13	158	
GATE0217	Yes	00041	WEATHER (WMO CODE 4501)	10/20/81-05/18/92	10	103	
GATE0220	No	00041	WEATHER (WMO CODE 4501)	03/01/82-10/17/95	13	158	
GATE0223	No	00041	WEATHER (WMO CODE 4501)	03/01/82-10/17/95	13	133	
GATE0225	No	00041	WEATHER (WMO CODE 4501)	10/20/81-05/18/92	10	103	
GATE0230	Yes	00041	WEATHER (WMO CODE 4501)	10/20/81-06/16/95	13	119	
GATE0235	No	00041	WEATHER (WMO CODE 4501)	03/01/82-10/17/95	13	120	
GATE0238	No	00041	WEATHER (WMO CODE 4501)	03/01/82-05/10/83	1	17	
GATE0240	No	00041	WEATHER (WMO CODE 4501)	03/01/82-05/10/83	1	17	
GATE0243	No	00041	WEATHER (WMO CODE 4501)	07/07/93-11/04/93	0	10	
GATE0244	No	00041	WEATHER (WMO CODE 4501)	03/01/82-10/17/95	13	158	
GATE0253	No	00041	WEATHER (WMO CODE 4501)	03/01/82-05/10/83	1	17	
GATE0255	No	00041	WEATHER (WMO CODE 4501)	03/01/82-10/17/95	13	133	
GATE0258	No	00041	WEATHER (WMO CODE 4501)	03/01/82-05/10/83	1	17	
GATE0260	No	00041	WEATHER (WMO CODE 4501)	03/01/82-10/17/95	13	133	
GATE0261	No	00041	WEATHER (WMO CODE 4501)	10/20/81-06/16/95	13	120	
GATE0266	No	00041	WEATHER (WMO CODE 4501)	03/01/82-10/17/95	13	132	
GATE0267	No	00041	WEATHER (WMO CODE 4501)	03/01/82-05/17/84	2	30	
GATE0268	No	00041	WEATHER (WMO CODE 4501)	10/20/81-05/18/92	10	104	
GATE0273	No	00041	WEATHER (WMO CODE 4501)	03/01/82-10/17/95	13	133	
GATE0274	Yes	00041	WEATHER (WMO CODE 4501)	10/20/81-05/18/92	10	104	
GATE0276	No	00041	WEATHER (WMO CODE 4501)	03/01/82-10/17/95	13	158	
GATE0283	No	00041	WEATHER (WMO CODE 4501)	03/01/82-10/17/95	13	132	
GATE0284	No	00041	WEATHER (WMO CODE 4501)	10/20/81-06/16/95	13	120	
GATE0286	No	00041	WEATHER (WMO CODE 4501)	03/01/82-10/17/95	13	158	
GATE0287	No	00041	WEATHER (WMO CODE 4501)	10/20/81-05/18/92	10	104	
GATE0289	No	00041	WEATHER (WMO CODE 4501)	10/20/81-05/18/92	10	104	
GATE0290	No	00041	WEATHER (WMO CODE 4501)	03/01/82-10/17/95	13	133	
GATE0294	Yes	00041	WEATHER (WMO CODE 4501)	10/20/81-05/18/92	10	104	
GATE0297	No	00041	WEATHER (WMO CODE 4501)	03/01/82-10/17/95	13	157	
GATE0298	No	00041	WEATHER (WMO CODE 4501)	10/20/81-05/21/84	2	31	
GATE0301	No	00041	WEATHER (WMO CODE 4501)	10/20/81-06/16/95	13	120	
GATE0304	No	00041	WEATHER (WMO CODE 4501)	10/20/81-06/16/95	13	120	
GATE0305	Yes	00041	WEATHER (WMO CODE 4501)	10/20/81-06/16/95	13	120	
GATE0310	No	00041	WEATHER (WMO CODE 4501)	10/20/81-06/16/95	13	119	
GATE0314	No	00041	WEATHER (WMO CODE 4501)	10/20/81-05/18/92	10	104	
GATE0319	No	00041	WEATHER (WMO CODE 4501)	10/20/81-06/16/95	13	120	
GATE0329	No	00041	WEATHER (WMO CODE 4501)	10/20/81-05/21/84	2	31	
GATE0332	No	00041	WEATHER (WMO CODE 4501)	10/20/81-05/18/92	10	104	
GATE0334	No	00041	WEATHER (WMO CODE 4501)	10/20/81-05/18/92	10	104	
GATE0338	No	00041	WEATHER (WMO CODE 4501)	10/20/81-06/16/95	13	120	
GATE0341	No	00041	WEATHER (WMO CODE 4501)	10/20/81-05/18/92	10	104	
GATE0344	No	00041	WEATHER (WMO CODE 4501)	10/20/81-05/18/92	10	104	
GATE0349	No	00041	WEATHER (WMO CODE 4501)	10/20/81-06/16/95	13	120	
GATE0353	No	00041	WEATHER (WMO CODE 4501)	10/20/81-06/16/95	13	120	
GATE0364	No	00041	WEATHER (WMO CODE 4501)	10/20/81-06/16/95	13	120	
GATE0366	No	00041	WEATHER (WMO CODE 4501)	05/04/82-06/16/95	13	109	
GATE0372	No	00041	WEATHER (WMO CODE 4501)	05/04/82-02/28/92	9	93	
GATE0386	No	00041	WEATHER (WMO CODE 4501)	05/04/82-06/16/95	13	109	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 04/23/18 To 08/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GATE0393	No	00041	WEATHER (WMO CODE 4501)	05/04/82-02/28/92	9	93	
GATE0310	No	00047	TOTAL PARTIAL PRESSURE DISSOLVED GASES (MM HG)	08/10/82-08/10/82	0	1	
GATE0206	Yes	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	09/07/77-09/07/77	0	1	
GATE0020	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/07/73-01/08/74	0	4	
GATE0022	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/03/66-08/24/66	0	12	
GATE0035	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/03/66-08/24/66	0	12	
GATE0036	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/07/73-01/08/74	0	4	
GATE0095	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/07/73-01/08/74	0	4	
GATE0096	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/03/66-08/24/66	0	12	
GATE0097	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/03/66-08/24/66	0	12	
GATE0098	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/07/73-01/08/74	0	4	
GATE0103	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/07/73-01/08/74	0	4	
GATE0104	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/03/66-08/24/66	0	12	
GATE0122	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/03/66-08/24/66	0	12	
GATE0124	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/07/73-01/08/74	0	4	
GATE0138	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/07/73-01/08/74	0	4	
GATE0143	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/03/66-08/24/66	0	12	
GATE0163	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/11/66-08/11/66	0	1	
GATE0164	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/02/75-09/10/79	4	118	
GATE0168	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/27/73-07/15/81	7	262	
GATE0169	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/13/76-06/18/79	3	48	
GATE0180	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/12/74-10/17/79	5	15	
GATE0201	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/17/72-04/17/72	0	1	
GATE0206	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/07/77-09/07/77	0	1	
GATE0246	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/13/76-04/23/79	3	54	
GATE0271	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/12/71-07/22/71	0	8	
GATE0282	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/27/73-09/10/79	5	146	
GATE0285	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/12/71-07/22/71	0	8	
GATE0295	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/25/76-07/26/78	1	5	
GATE0296	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/27/73-07/15/81	7	145	
GATE0299	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/02/66-12/14/72	6	20	
GATE0310	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/25/76-07/26/78	1	5	
GATE0313	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/02/66-12/14/72	6	20	
GATE0318	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/25/76-07/15/81	4	12	
GATE0321	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/12/71-07/22/71	0	8	
GATE0337	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/29/68-12/14/72	4	19	
GATE0348	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/29/68-09/17/68	0	6	
GATE0352	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/24/66-09/20/66	0	8	
GATE0360	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/24/66-03/28/73	7	67	
GATE0361	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/12/71-07/22/71	0	8	
GATE0365	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/08/73-01/08/74	0	4	
GATE0373	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/24/66-09/20/66	0	8	
GATE0374	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/31/75-09/10/79	4	76	
GATE0398	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/24/66-03/28/73	7	39	
GATE0401	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/19/64-03/08/71	6	440	
GATE0407	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/24/66-08/23/66	0	7	
GATE0299	No	00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	03/05/69-11/13/69	0	4	
GATE0313	No	00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	03/05/69-11/13/69	0	4	
GATE0337	No	00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	03/05/69-01/14/70	0	6	
GATE0360	No	00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	03/05/69-01/29/70	0	14	
GATE0398	No	00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	03/18/69-01/29/70	0	8	
GATE0401	No	00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	05/13/69-03/09/70	0	22	
GATE0021	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-08/11/86	11	66	
GATE0030	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-05/26/82	7	76	
GATE0038	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-08/11/86	11	87	
GATE0093	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-08/11/86	11	85	
GATE0101	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-08/11/86	11	90	
GATE0102	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-05/26/82	7	73	
GATE0121	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-05/26/82	7	78	
GATE0140	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/12/75-08/11/86	11	86	
GATE0144	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/11/82-08/11/86	4	11	
GATE0168	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/30/81-09/30/81	0	1	
GATE0210	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/03/86-11/19/86	0	9	
GATE0211	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/03/86-11/19/86	0	9	
GATE0271	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/02/77-08/02/77	0	1	
GATE0285	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/02/77-08/02/77	0	1	
GATE0296	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/30/81-09/30/81	0	1	
GATE0318	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/30/81-09/30/81	0	1	
GATE0321	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/02/77-08/02/77	0	1	
GATE0358	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/11/75-10/21/86	11	150	
GATE0361	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/11/75-07/21/82	7	79	
GATE0369	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-09/29/86	11	70	

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Station/Parameter Period of Record Tabulation
From 04/23/18 To 08/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GATE0409	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/11/75-03/24/86	11	90	
GATE0163	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	08/22/67-08/22/67	0	1	
GATE0164	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/24/75-11/12/75	0	12	
GATE0168	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	11/27/73-07/26/79	5	215	
GATE0188	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	08/29/66-08/29/66	0	3	
GATE0246	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/13/76-03/27/79	2	2	
GATE0282	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	11/27/73-07/26/79	5	131	
GATE0296	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	01/02/74-04/23/79	5	118	
GATE0299	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	01/05/67-05/08/68	1	5	
GATE0337	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	09/17/68-09/17/68	0	1	
GATE0348	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	09/17/68-09/17/68	0	1	
GATE0352	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	03/14/68-03/14/68	0	1	
GATE0374	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	07/30/75-07/26/79	3	54	
GATE0005	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	05/28/92-08/30/93	1	29	
GATE0010	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	05/28/92-08/26/96	4	42	
GATE0012	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	06/04/96-08/26/96	0	13	
GATE0018	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	05/28/92-08/30/93	1	28	
GATE0019	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	05/28/92-08/30/93	1	29	
GATE0034	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	05/28/92-08/26/96	4	42	
GATE0040	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	06/04/96-08/26/96	0	13	
GATE0043	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	06/04/96-08/26/96	0	13	
GATE0049	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	05/28/92-08/30/93	1	29	
GATE0058	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	05/28/92-08/30/93	1	29	
GATE0061	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	05/28/92-08/30/93	1	28	
GATE0068	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	06/04/96-08/26/96	0	13	
GATE0082	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	05/28/92-08/26/96	4	42	
GATE0090	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	05/28/92-08/26/96	4	27	
GATE0106	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	05/28/92-08/30/93	1	21	
GATE0132	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	05/28/92-08/26/96	4	40	
GATE0012	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	06/07/83-08/30/83	0	12	
GATE0018	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	06/07/83-08/30/83	0	12	
GATE0019	No	00080	COLOR (PLATINUM-COBALT UNITS)	06/07/83-08/30/83	0	12	
GATE0049	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	06/07/83-08/30/83	0	12	
GATE0058	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	06/07/83-08/30/83	0	12	
GATE0061	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	06/07/83-08/30/83	0	12	
GATE0074	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	06/07/83-08/31/83	0	12	
GATE0090	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	06/07/83-08/30/83	0	12	
GATE0106	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	06/07/83-08/30/83	0	12	
GATE0119	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	06/07/83-08/31/83	0	12	
GATE0132	No	00080	COLOR (PLATINUM-COBALT UNITS)	06/07/83-08/30/83	0	12	
GATE0164	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	01/02/75-09/10/79	4	119	
GATE0168	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	11/27/73-09/30/81	7	263	
GATE0169	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	04/13/76-06/18/79	3	48	
GATE0180	No	00080	COLOR (PLATINUM-COBALT UNITS)	09/12/74-10/17/79	5	10	
GATE0206	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	09/07/77-09/07/77	0	1	
GATE0246	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	04/13/76-04/23/79	3	55	
GATE0282	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	11/27/73-09/10/79	5	147	
GATE0295	No	00080	COLOR (PLATINUM-COBALT UNITS)	10/25/76-07/26/78	1	5	
GATE0296	No	00080	COLOR (PLATINUM-COBALT UNITS)	11/27/73-09/30/81	7	148	
GATE0299	No	00080	COLOR (PLATINUM-COBALT UNITS)	04/13/70-04/13/70	0	1	
GATE0310	No	00080	COLOR (PLATINUM-COBALT UNITS)	10/25/76-07/26/78	1	5	
GATE0313	No	00080	COLOR (PLATINUM-COBALT UNITS)	04/13/70-04/13/70	0	1	
GATE0318	No	00080	COLOR (PLATINUM-COBALT UNITS)	10/25/76-09/30/81	4	13	
GATE0337	No	00080	COLOR (PLATINUM-COBALT UNITS)	04/13/70-04/13/70	0	1	
GATE0360	No	00080	COLOR (PLATINUM-COBALT UNITS)	04/13/70-04/13/70	0	1	
GATE0374	No	00080	COLOR (PLATINUM-COBALT UNITS)	07/30/75-09/10/79	4	82	
GATE0401	No	00080	COLOR (PLATINUM-COBALT UNITS)	10/19/64-11/24/69	5	445	
GATE0403	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	06/02/83-08/31/83	0	13	
GATE0412	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	06/02/83-08/31/83	0	13	
GATE0416	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	06/02/83-08/31/83	0	13	
GATE0423	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	06/02/83-08/31/83	0	13	
GATE0425	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	06/02/83-08/31/83	0	13	
GATE0428	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	06/02/83-08/31/83	0	13	
GATE0432	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	06/02/83-08/31/83	0	13	
GATE0005	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-08/30/93	4	135	
GATE0010	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-08/26/96	7	206	
GATE0012	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-08/26/96	7	140	
GATE0013	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/25/94-11/22/94	0	3	
GATE0018	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-08/30/93	4	136	
GATE0019	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-08/30/93	4	136	
GATE0020	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/07/73-01/08/74	0	4	
GATE0021	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM 25C)	10/16/74-08/11/86	11	68	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 04/23/18 To 08/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GATE0030	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-05/26/82	7	74	
GATE0034	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/28/92-08/26/96	4	132	
GATE0036	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/07/73-01/08/74	0	4	
GATE0038	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-08/11/86	11	89	
GATE0039	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-08/31/93	4	68	
GATE0040	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/31/94-08/26/96	2	88	
GATE0043	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/31/94-08/26/96	2	88	
GATE0049	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-10/25/94	5	138	
GATE0056	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/01/74-03/08/77	2	10	
GATE0058	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-08/30/93	4	132	
GATE0061	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-08/30/93	4	134	
GATE0063	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-08/15/89	0	20	
GATE0068	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/31/94-08/26/96	2	81	
GATE0071	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/01/74-03/08/77	2	10	
GATE0082	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/22/90-08/26/96	6	196	
GATE0090	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-08/26/96	7	200	
GATE0093	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-08/11/86	11	89	
GATE0095	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/07/73-01/08/74	0	4	
GATE0098	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/07/73-01/08/74	0	4	
GATE0101	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-08/11/86	11	93	
GATE0102	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-05/26/82	7	75	
GATE0103	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/07/73-01/08/74	0	4	
GATE0106	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/24/89-08/30/93	4	138	
GATE0111	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-08/27/90	1	48	
GATE0112	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/23/89-08/27/90	1	49	
GATE0120	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-08/27/90	1	25	
GATE0121	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-05/26/82	7	80	
GATE0124	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/07/73-01/08/74	0	4	
GATE0129	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/01/74-03/08/77	2	12	
GATE0132	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/24/89-08/26/96	7	214	
GATE0138	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/07/73-01/08/74	0	4	
GATE0140	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-04/10/87	12	126	
GATE0144	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/11/82-08/11/86	4	14	
GATE0151	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/16/74-05/16/74	0	2	
GATE0159	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/30/74-05/19/77	3	12	
GATE0160	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/30/74-05/17/77	3	14	
GATE0178	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/30/74-05/19/77	3	12	
GATE0205	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/30/74-05/19/77	3	12	
GATE0227	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/24/93-08/24/93	0	10	
GATE0232	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/24/93-08/24/93	0	10	
GATE0237	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/30/74-05/19/77	3	12	
GATE0271	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/02/77-08/02/77	0	1	
GATE0285	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/02/77-08/02/77	0	1	
GATE0299	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/18/72-12/14/72	0	2	
GATE0313	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/18/72-12/14/72	0	2	
GATE0321	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/02/77-08/02/77	0	1	
GATE0358	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-04/10/87	12	196	
GATE0360	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/21/72-03/28/73	1	9	
GATE0361	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/06/74-07/21/82	7	81	
GATE0365	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/08/73-01/08/74	0	4	
GATE0369	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-09/29/86	11	81	
GATE0370	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/19/86-04/10/87	0	34	
GATE0390	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/01/74-07/27/78	4	5343	
GATE0398	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/21/72-03/28/73	1	8	
GATE0403	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/27/92-08/31/92	0	15	
GATE0409	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/02/74-03/24/86	11	96	
GATE0412	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/27/92-08/31/92	0	15	
GATE0416	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/27/92-08/31/92	0	15	
GATE0423	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/27/92-08/31/92	0	15	
GATE0425	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/27/92-08/31/92	0	15	
GATE0428	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/27/92-08/31/92	0	15	
GATE0432	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/27/92-08/31/92	0	15	
GATE0020	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/07/73-01/08/74	0	4	
GATE0022	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/03/66-08/24/66	0	12	
GATE0035	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/03/66-08/24/66	0	12	
GATE0036	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/07/73-01/08/74	0	4	
GATE0056	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/01/74-08/05/74	0	8	
GATE0071	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/01/74-08/05/74	0	8	
GATE0095	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/07/73-01/08/74	0	4	
GATE0096	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/03/66-08/24/66	0	12	
GATE0097	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/03/66-08/24/66	0	12	
GATE0098	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM 25C)	11/07/73-01/08/74	0	4	

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Station/Parameter Period of Record Tabulation
From 04/23/18 To 08/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GATE0103	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/07/73-01/08/74	0	3	
GATE0104	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/03/66-08/24/66	0	12	
GATE0109	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/17/75-11/06/75	0	6	
GATE0115	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/78-09/18/78	0	5	
GATE0122	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/03/66-08/24/66	0	12	
GATE0124	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/07/73-01/08/74	0	4	
GATE0129	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/01/74-08/05/74	0	8	
GATE0131	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/17/75-06/12/77	1	58	
GATE0138	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/07/73-01/08/74	0	4	
GATE0143	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/03/66-08/24/66	0	12	
GATE0151	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/16/74-05/16/74	0	2	
GATE0159	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/30/74-03/09/77	2	10	
GATE0160	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/30/74-05/17/77	3	12	
GATE0163	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/11/66-08/22/67	1	4	
GATE0168	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/11/78-06/14/79	0	5	
GATE0178	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/30/74-03/09/77	2	10	
GATE0180	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/26/76-10/17/79	3	10	
GATE0188	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/29/66-08/29/66	0	3	
GATE0205	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/30/74-03/09/77	2	10	
GATE0206	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/07/77-08/06/93	15	3	
GATE0210	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/03/86-11/19/86	0	9	
GATE0211	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/03/86-11/19/86	0	9	
GATE0237	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/30/74-03/09/77	2	8	
GATE0241	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/29/67-05/22/75	7	11	
GATE0257	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/17/75-09/17/75	0	2	
GATE0295	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/25/76-07/26/78	1	5	
GATE0296	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/11/78-06/14/79	0	5	
GATE0299	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/23/63-12/14/72	9	24	
GATE0306	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/23/63-06/01/67	3	6	
GATE0310	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/25/76-07/26/78	1	3	
GATE0313	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/23/63-12/14/72	9	24	
GATE0318	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/25/76-06/14/79	2	15	
GATE0320	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/16/75-10/02/75	0	10	
GATE0326	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/23/63-06/01/67	3	6	
GATE0337	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/23/63-06/06/72	8	33	
GATE0339	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/12/63-09/20/63	0	13	
GATE0348	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/23/63-07/09/68	4	16	
GATE0352	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/12/63-11/12/63	0	15	
GATE0356	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/16/75-07/16/77	1	200	
GATE0360	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/23/63-03/28/73	9	89	
GATE0365	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/08/73-01/08/74	0	4	
GATE0371	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/23/63-09/10/63	0	5	
GATE0373	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/12/63-09/20/63	0	14	
GATE0381	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/23/63-06/01/67	3	7	
GATE0384	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/16/75-07/16/77	1	82	
GATE0391	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/23/63-09/10/63	0	10	
GATE0396	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/16/63-06/05/67	3	15	
GATE0398	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/29/68-03/28/73	4	43	
GATE0400	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/23/63-09/10/63	0	12	
GATE0404	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/12/63-09/20/63	0	13	
GATE0407	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/23/63-06/01/67	3	7	
GATE0410	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/17/75-06/12/77	1	122	
GATE0422	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/17/75-06/12/77	1	122	
GATE0437	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/16/75-06/12/77	1	118	
GATE0164	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/02/75-09/10/79	4	115	
GATE0168	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/27/73-09/30/81	7	252	
GATE0169	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/13/76-06/18/79	3	46	
GATE0246	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/13/76-04/23/79	3	52	
GATE0282	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/27/73-09/10/79	5	141	
GATE0296	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/27/73-09/30/81	7	147	
GATE0318	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/11/78-09/30/81	3	8	
GATE0374	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/13/76-09/10/79	3	72	
GATE0390	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/26/74-07/24/78	4	4570	
GATE0005	No	00300	OXYGEN, DISSOLVED MG/L	05/30/89-08/16/93	4	107	
GATE0010	No	00300	OXYGEN, DISSOLVED MG/L	05/24/89-08/26/96	7	174	
GATE0012	Yes	00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/26/96	13	121	
GATE0013	No	00300	OXYGEN, DISSOLVED MG/L	10/25/94-11/22/94	0	3	
GATE0017	Yes	00300	OXYGEN, DISSOLVED MG/L	12/15/76-07/18/77	0	4	
GATE0018	Yes	00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/23/93	10	110	
GATE0019	No	00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/30/93	10	114	
GATE0020	No	00300	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	52	570	T,A
GATE0021	No	00300	OXYGEN, DISSOLVED MG/L	07/30/74-08/11/86	12	76	

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Station/Parameter Period of Record Tabulation
From 04/23/18 To 08/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GATE0022	No	00300	OXYGEN, DISSOLVED MG/L	03/03/66-08/24/66	0	12	
GATE0023	No	00300	OXYGEN, DISSOLVED MG/L	12/15/76-07/18/77	0	4	
GATE0030	Yes	00300	OXYGEN, DISSOLVED MG/L	08/13/74-05/26/82	7	83	
GATE0034	Yes	00300	OXYGEN, DISSOLVED MG/L	05/28/92-08/26/96	4	126	
GATE0035	Yes	00300	OXYGEN, DISSOLVED MG/L	03/03/66-08/24/66	0	12	
GATE0036	Yes	00300	OXYGEN, DISSOLVED MG/L	08/16/48-01/08/74	25	392	T,A
GATE0037	Yes	00300	OXYGEN, DISSOLVED MG/L	12/15/76-07/18/77	0	4	
GATE0038	Yes	00300	OXYGEN, DISSOLVED MG/L	07/30/74-08/11/86	12	98	
GATE0039	Yes	00300	OXYGEN, DISSOLVED MG/L	05/30/89-08/17/93	4	54	
GATE0040	No	00300	OXYGEN, DISSOLVED MG/L	02/22/94-08/26/96	2	86	
GATE0043	No	00300	OXYGEN, DISSOLVED MG/L	02/22/94-08/26/96	2	84	
GATE0049	Yes	00300	OXYGEN, DISSOLVED MG/L	06/22/83-10/25/94	11	117	
GATE0056	No	00300	OXYGEN, DISSOLVED MG/L	05/01/74-05/18/77	3	14	
GATE0058	Yes	00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/30/93	10	113	
GATE0059	No	00300	OXYGEN, DISSOLVED MG/L	12/15/76-07/18/77	0	4	
GATE0061	Yes	00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/30/93	10	122	
GATE0063	Yes	00300	OXYGEN, DISSOLVED MG/L	05/30/89-08/08/89	0	10	
GATE0066	Yes	00300	OXYGEN, DISSOLVED MG/L	12/15/76-07/18/77	0	4	
GATE0068	No	00300	OXYGEN, DISSOLVED MG/L	02/22/94-08/26/96	2	77	
GATE0071	No	00300	OXYGEN, DISSOLVED MG/L	05/01/74-10/21/91	17	105	
GATE0074	Yes	00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/31/83	0	5	
GATE0079	Yes	00300	OXYGEN, DISSOLVED MG/L	12/15/76-07/18/77	0	4	
GATE0082	Yes	00300	OXYGEN, DISSOLVED MG/L	05/22/90-08/26/96	6	180	
GATE0090	Yes	00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/26/96	13	185	
GATE0092	Yes	00300	OXYGEN, DISSOLVED MG/L	12/15/76-07/18/77	0	4	
GATE0093	Yes	00300	OXYGEN, DISSOLVED MG/L	07/30/74-08/11/86	12	98	
GATE0095	Yes	00300	OXYGEN, DISSOLVED MG/L	06/30/25-01/08/74	48	554	T,A
GATE0096	Yes	00300	OXYGEN, DISSOLVED MG/L	03/03/66-08/24/66	0	12	
GATE0097	Yes	00300	OXYGEN, DISSOLVED MG/L	03/03/66-08/24/66	0	12	
GATE0098	Yes	00300	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	52	640	T,A
GATE0099	Yes	00300	OXYGEN, DISSOLVED MG/L	12/15/76-07/18/77	0	4	
GATE0101	Yes	00300	OXYGEN, DISSOLVED MG/L	07/30/74-08/11/86	12	100	
GATE0102	Yes	00300	OXYGEN, DISSOLVED MG/L	07/30/74-05/26/82	7	84	
GATE0103	Yes	00300	OXYGEN, DISSOLVED MG/L	06/15/22-01/08/74	51	579	T,A
GATE0104	Yes	00300	OXYGEN, DISSOLVED MG/L	03/03/66-08/24/66	0	12	
GATE0106	Yes	00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/30/93	10	123	
GATE0107	Yes	00300	OXYGEN, DISSOLVED MG/L	12/15/76-07/18/77	0	4	
GATE0109	No	00300	OXYGEN, DISSOLVED MG/L	09/17/75-07/18/77	1	16	
GATE0111	No	00300	OXYGEN, DISSOLVED MG/L	05/30/89-08/27/90	1	39	
GATE0112	No	00300	OXYGEN, DISSOLVED MG/L	05/30/89-08/27/90	1	38	
GATE0115	Yes	00300	OXYGEN, DISSOLVED MG/L	09/02/78-09/18/78	0	5	
GATE0119	Yes	00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/31/83	0	5	
GATE0120	No	00300	OXYGEN, DISSOLVED MG/L	05/30/89-08/27/90	1	20	
GATE0121	No	00300	OXYGEN, DISSOLVED MG/L	07/30/74-05/26/82	7	88	
GATE0122	Yes	00300	OXYGEN, DISSOLVED MG/L	03/03/66-08/24/66	0	12	
GATE0124	No	00300	OXYGEN, DISSOLVED MG/L	07/27/38-01/08/74	35	552	T,A
GATE0129	Yes	00300	OXYGEN, DISSOLVED MG/L	05/01/74-05/18/77	3	14	
GATE0131	No	00300	OXYGEN, DISSOLVED MG/L	09/17/75-07/18/77	1	68	
GATE0132	No	00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/26/96	13	201	
GATE0138	No	00300	OXYGEN, DISSOLVED MG/L	11/07/73-01/08/74	0	4	
GATE0140	No	00300	OXYGEN, DISSOLVED MG/L	07/30/74-04/10/87	12	136	
GATE0143	No	00300	OXYGEN, DISSOLVED MG/L	03/03/66-08/24/66	0	12	
GATE0144	No	00300	OXYGEN, DISSOLVED MG/L	08/11/82-08/11/86	4	14	
GATE0146	No	00300	OXYGEN, DISSOLVED MG/L	05/17/79-05/17/79	0	2	
GATE0148	No	00300	OXYGEN, DISSOLVED MG/L	12/16/76-07/18/77	0	8	
GATE0151	No	00300	OXYGEN, DISSOLVED MG/L	05/16/74-05/16/74	0	2	
GATE0153	No	00300	OXYGEN, DISSOLVED MG/L	12/15/76-07/18/77	0	4	
GATE0159	No	00300	OXYGEN, DISSOLVED MG/L	04/30/74-05/19/77	3	14	
GATE0160	Yes	00300	OXYGEN, DISSOLVED MG/L	04/30/74-05/17/77	3	18	
GATE0163	Yes	00300	OXYGEN, DISSOLVED MG/L	08/11/66-08/22/67	1	2	
GATE0164	Yes	00300	OXYGEN, DISSOLVED MG/L	01/02/75-09/10/79	4	119	
GATE0168	Yes	00300	OXYGEN, DISSOLVED MG/L	11/27/73-09/10/79	5	257	
GATE0169	Yes	00300	OXYGEN, DISSOLVED MG/L	04/13/76-06/18/79	3	48	
GATE0178	Yes	00300	OXYGEN, DISSOLVED MG/L	04/30/74-05/19/77	3	14	
GATE0180	No	00300	OXYGEN, DISSOLVED MG/L	09/12/74-12/14/77	3	3	
GATE0188	No	00300	OXYGEN, DISSOLVED MG/L	06/30/66-08/29/66	0	2	
GATE0205	Yes	00300	OXYGEN, DISSOLVED MG/L	04/30/74-05/19/77	3	14	
GATE0210	No	00300	OXYGEN, DISSOLVED MG/L	04/30/86-11/19/86	0	8	
GATE0211	No	00300	OXYGEN, DISSOLVED MG/L	04/30/86-11/19/86	0	8	
GATE0237	Yes	00300	OXYGEN, DISSOLVED MG/L	04/30/74-05/19/77	3	14	
GATE0246	Yes	00300	OXYGEN, DISSOLVED MG/L	04/13/76-04/23/79	3	55	
GATE0257	No	00300	OXYGEN, DISSOLVED MG/L	09/17/75-07/26/77	1	14	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 04/23/18 To 08/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GATE0271	No	00300	OXYGEN, DISSOLVED MG/L	07/12/71-08/02/77	6	18	
GATE0279	No	00300	OXYGEN, DISSOLVED MG/L	02/06/64-08/13/64	0	6	
GATE0282	Yes	00300	OXYGEN, DISSOLVED MG/L	11/27/73-09/10/79	5	147	
GATE0285	No	00300	OXYGEN, DISSOLVED MG/L	07/12/71-08/02/77	6	18	
GATE0295	No	00300	OXYGEN, DISSOLVED MG/L	10/25/76-12/15/77	1	3	
GATE0296	No	00300	OXYGEN, DISSOLVED MG/L	11/27/73-05/30/79	5	141	
GATE0299	No	00300	OXYGEN, DISSOLVED MG/L	08/14/62-12/14/72	10	112	
GATE0306	No	00300	OXYGEN, DISSOLVED MG/L	08/07/62-01/23/68	5	61	
GATE0310	No	00300	OXYGEN, DISSOLVED MG/L	08/08/77-12/14/77	0	2	
GATE0313	No	00300	OXYGEN, DISSOLVED MG/L	08/07/62-12/14/72	10	98	
GATE0318	No	00300	OXYGEN, DISSOLVED MG/L	08/08/77-07/24/78	0	6	
GATE0320	No	00300	OXYGEN, DISSOLVED MG/L	09/17/75-07/26/77	1	20	
GATE0321	No	00300	OXYGEN, DISSOLVED MG/L	07/12/71-08/02/77	6	18	
GATE0326	No	00300	OXYGEN, DISSOLVED MG/L	08/07/62-01/23/68	5	60	
GATE0336	No	00300	OXYGEN, DISSOLVED MG/L	01/16/74-06/19/74	0	9	
GATE0337	No	00300	OXYGEN, DISSOLVED MG/L	02/13/63-12/14/72	9	103	
GATE0339	No	00300	OXYGEN, DISSOLVED MG/L	08/12/63-11/26/63	0	20	
GATE0342	No	00300	OXYGEN, DISSOLVED MG/L	08/14/62-08/13/64	1	31	
GATE0346	No	00300	OXYGEN, DISSOLVED MG/L	01/16/74-06/19/74	0	9	
GATE0347	No	00300	OXYGEN, DISSOLVED MG/L	10/31/62-11/06/62	0	14	
GATE0348	No	00300	OXYGEN, DISSOLVED MG/L	02/13/63-09/17/68	5	67	
GATE0352	No	00300	OXYGEN, DISSOLVED MG/L	08/01/62-03/20/68	5	74	
GATE0356	No	00300	OXYGEN, DISSOLVED MG/L	09/19/75-07/28/77	1	226	
GATE0358	No	00300	OXYGEN, DISSOLVED MG/L	01/16/74-04/10/87	13	238	
GATE0360	No	00300	OXYGEN, DISSOLVED MG/L	08/01/62-03/28/73	10	244	
GATE0361	No	00300	OXYGEN, DISSOLVED MG/L	07/12/71-07/21/82	11	105	
GATE0365	No	00300	OXYGEN, DISSOLVED MG/L	04/23/18-01/08/74	55	1349	T,A
GATE0369	No	00300	OXYGEN, DISSOLVED MG/L	01/16/74-09/29/86	12	96	
GATE0370	No	00300	OXYGEN, DISSOLVED MG/L	08/19/86-04/10/87	0	34	
GATE0371	No	00300	OXYGEN, DISSOLVED MG/L	08/07/62-08/02/67	4	79	
GATE0373	Yes	00300	OXYGEN, DISSOLVED MG/L	08/01/62-03/20/68	5	69	
GATE0374	No	00300	OXYGEN, DISSOLVED MG/L	07/30/75-09/10/79	4	82	
GATE0377	No	00300	OXYGEN, DISSOLVED MG/L	06/04/64-08/13/64	0	3	
GATE0380	No	00300	OXYGEN, DISSOLVED MG/L	01/16/74-06/19/74	0	9	
GATE0381	Yes	00300	OXYGEN, DISSOLVED MG/L	02/13/63-01/23/68	4	32	
GATE0384	No	00300	OXYGEN, DISSOLVED MG/L	09/19/75-07/28/77	1	93	
GATE0385	Yes	00300	OXYGEN, DISSOLVED MG/L	01/16/74-06/19/74	0	9	
GATE0387	No	00300	OXYGEN, DISSOLVED MG/L	01/16/74-06/19/74	0	9	
GATE0389	Yes	00300	OXYGEN, DISSOLVED MG/L	10/31/62-11/06/62	0	14	
GATE0391	No	00300	OXYGEN, DISSOLVED MG/L	08/07/62-08/02/67	4	90	
GATE0394	Yes	00300	OXYGEN, DISSOLVED MG/L	03/23/64-08/13/64	0	5	
GATE0395	No	00300	OXYGEN, DISSOLVED MG/L	01/16/74-06/19/74	0	9	
GATE0396	No	00300	OXYGEN, DISSOLVED MG/L	06/16/63-06/05/67	3	23	
GATE0398	No	00300	OXYGEN, DISSOLVED MG/L	03/16/64-03/28/73	9	71	
GATE0400	No	00300	OXYGEN, DISSOLVED MG/L	02/13/63-11/08/65	2	77	
GATE0401	No	00300	OXYGEN, DISSOLVED MG/L	09/29/64-04/05/71	6	485	
GATE0403	Yes	00300	OXYGEN, DISSOLVED MG/L	06/30/83-08/31/83	0	5	
GATE0404	No	00300	OXYGEN, DISSOLVED MG/L	08/12/63-11/26/63	0	20	
GATE0405	No	00300	OXYGEN, DISSOLVED MG/L	01/16/74-06/19/74	0	9	
GATE0407	No	00300	OXYGEN, DISSOLVED MG/L	02/13/63-01/23/68	4	48	
GATE0409	No	00300	OXYGEN, DISSOLVED MG/L	08/07/74-03/24/86	11	101	
GATE0410	No	00300	OXYGEN, DISSOLVED MG/L	09/17/75-07/26/77	1	132	
GATE0412	Yes	00300	OXYGEN, DISSOLVED MG/L	06/30/83-08/31/83	0	5	
GATE0415	No	00300	OXYGEN, DISSOLVED MG/L	03/23/64-08/11/64	0	4	
GATE0416	Yes	00300	OXYGEN, DISSOLVED MG/L	06/30/83-08/31/83	0	5	
GATE0419	No	00300	OXYGEN, DISSOLVED MG/L	03/23/64-08/11/64	0	4	
GATE0422	No	00300	OXYGEN, DISSOLVED MG/L	09/17/75-07/26/77	1	132	
GATE0423	Yes	00300	OXYGEN, DISSOLVED MG/L	06/30/83-08/31/83	0	5	
GATE0425	Yes	00300	OXYGEN, DISSOLVED MG/L	06/30/83-08/31/83	0	5	
GATE0428	Yes	00300	OXYGEN, DISSOLVED MG/L	06/30/83-08/31/83	0	5	
GATE0432	Yes	00300	OXYGEN, DISSOLVED MG/L	06/30/83-08/31/83	0	5	
GATE0436	No	00300	OXYGEN, DISSOLVED MG/L	03/23/64-08/11/64	0	3	
GATE0437	No	00300	OXYGEN, DISSOLVED MG/L	09/17/75-07/26/77	1	128	
GATE0439	No	00300	OXYGEN, DISSOLVED MG/L	03/23/64-08/11/64	0	4	
GATE0012	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/12/83-08/30/83	0	4	
GATE0018	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/12/83-08/30/83	0	4	
GATE0019	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/12/83-08/30/83	0	4	
GATE0049	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/12/83-08/30/83	0	4	
GATE0058	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/12/83-08/30/83	0	4	
GATE0061	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/12/83-08/30/83	0	4	
GATE0074	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/07/83-08/11/83	0	3	
GATE0090	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/12/83-08/30/83	0	4	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 04/23/18 To 08/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GATE0106	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/12/83-08/30/83	0	4	
GATE0119	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/07/83-08/11/83	0	3	
GATE0132	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/12/83-08/30/83	0	4	
GATE0403	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/07/83-08/11/83	0	3	
GATE0412	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/07/83-08/11/83	0	3	
GATE0416	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/07/83-08/11/83	0	3	
GATE0423	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/07/83-08/11/83	0	3	
GATE0425	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/07/83-08/11/83	0	3	
GATE0428	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/07/83-08/11/83	0	3	
GATE0432	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/07/83-08/11/83	0	3	
GATE0017	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	12/15/76-07/18/77	0	2	
GATE0020	No	00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	27	298	T
GATE0021	No	00310	BOD, 5 DAY, 20 DEG C MG/L	07/30/74-11/14/79	5	39	
GATE0022	No	00310	BOD, 5 DAY, 20 DEG C MG/L	03/03/66-08/24/66	0	12	
GATE0023	No	00310	BOD, 5 DAY, 20 DEG C MG/L	12/15/76-07/18/77	0	2	
GATE0030	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	08/13/74-02/22/82	7	50	
GATE0035	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	03/03/66-08/24/66	0	12	
GATE0036	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	06/11/53-01/08/74	20	267	
GATE0037	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	12/15/76-07/18/77	0	2	
GATE0038	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	07/30/74-02/22/82	7	51	
GATE0059	No	00310	BOD, 5 DAY, 20 DEG C MG/L	12/15/76-07/18/77	0	2	
GATE0066	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	12/15/76-07/18/77	0	2	
GATE0079	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	12/15/76-07/18/77	0	2	
GATE0092	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	12/15/76-07/18/77	0	2	
GATE0093	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	07/30/74-02/22/82	7	50	
GATE0095	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	27	295	T
GATE0096	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	03/03/66-08/24/66	0	12	
GATE0097	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	03/03/66-08/24/66	0	12	
GATE0098	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	27	301	T
GATE0099	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	12/15/76-07/18/77	0	2	
GATE0101	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	07/30/74-02/22/82	7	50	
GATE0102	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	07/30/74-02/22/82	7	52	
GATE0103	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	27	294	T
GATE0104	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	03/03/66-08/24/66	0	12	
GATE0107	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	12/15/76-07/18/77	0	2	
GATE0109	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/17/75-07/18/77	1	8	
GATE0121	No	00310	BOD, 5 DAY, 20 DEG C MG/L	07/30/74-02/22/82	7	54	
GATE0122	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	03/03/66-08/24/66	0	12	
GATE0124	No	00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	27	299	T
GATE0131	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/17/75-07/18/77	1	19	
GATE0138	No	00310	BOD, 5 DAY, 20 DEG C MG/L	11/07/73-01/08/74	0	4	
GATE0140	No	00310	BOD, 5 DAY, 20 DEG C MG/L	07/30/74-02/19/87	12	52	
GATE0143	No	00310	BOD, 5 DAY, 20 DEG C MG/L	03/03/66-08/24/66	0	12	
GATE0148	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/17/75-07/18/77	1	6	
GATE0153	No	00310	BOD, 5 DAY, 20 DEG C MG/L	12/15/76-07/18/77	0	2	
GATE0163	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	08/11/66-08/22/67	1	2	
GATE0164	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	01/02/75-09/10/79	4	99	
GATE0168	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	12/11/73-09/10/79	5	215	
GATE0169	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	04/13/76-06/18/79	3	41	
GATE0180	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/12/74-07/26/78	3	8	
GATE0188	No	00310	BOD, 5 DAY, 20 DEG C MG/L	06/30/66-06/30/66	0	1	
GATE0210	No	00310	BOD, 5 DAY, 20 DEG C MG/L	04/03/86-11/19/86	0	9	
GATE0211	No	00310	BOD, 5 DAY, 20 DEG C MG/L	04/03/86-11/19/86	0	9	
GATE0246	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	04/13/76-03/27/79	2	48	
GATE0257	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/16/75-07/26/77	1	9	
GATE0271	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/02/77-08/02/77	0	1	
GATE0279	No	00310	BOD, 5 DAY, 20 DEG C MG/L	06/03/64-07/29/64	0	2	
GATE0282	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	12/11/73-09/10/79	5	128	
GATE0295	No	00310	BOD, 5 DAY, 20 DEG C MG/L	10/25/76-07/26/78	1	3	
GATE0296	No	00310	BOD, 5 DAY, 20 DEG C MG/L	12/11/73-06/14/79	5	122	
GATE0299	No	00310	BOD, 5 DAY, 20 DEG C MG/L	06/04/64-01/23/68	3	18	
GATE0306	No	00310	BOD, 5 DAY, 20 DEG C MG/L	06/03/64-01/23/68	3	3	
GATE0310	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/08/77-07/26/78	0	3	
GATE0313	No	00310	BOD, 5 DAY, 20 DEG C MG/L	06/04/64-01/23/68	3	19	
GATE0318	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/22/77-06/14/79	1	8	
GATE0320	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/16/75-07/26/77	1	9	
GATE0326	No	00310	BOD, 5 DAY, 20 DEG C MG/L	03/30/64-01/23/68	3	3	
GATE0336	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/16/74-06/19/74	0	9	
GATE0337	No	00310	BOD, 5 DAY, 20 DEG C MG/L	03/05/63-01/23/68	4	40	
GATE0339	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/12/63-11/12/63	0	18	
GATE0346	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/16/74-06/19/74	0	9	
GATE0348	No	00310	BOD, 5 DAY, 20 DEG C MG/L	03/05/63-09/29/64	1	26	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 04/23/18 To 08/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GATE0352	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/01/62-03/20/68	5	30	
GATE0356	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/16/75-07/28/77	1	61	
GATE0358	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/16/74-02/22/82	8	119	
GATE0360	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/01/62-03/20/68	5	97	
GATE0361	No	00310	BOD, 5 DAY, 20 DEG C MG/L	07/31/74-11/04/81	7	48	
GATE0365	No	00310	BOD, 5 DAY, 20 DEG C MG/L	06/27/46-01/08/74	27	574	T
GATE0369	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/16/74-09/13/79	5	51	
GATE0371	No	00310	BOD, 5 DAY, 20 DEG C MG/L	03/26/63-11/08/65	2	12	
GATE0373	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	08/01/62-03/20/68	5	52	
GATE0374	No	00310	BOD, 5 DAY, 20 DEG C MG/L	04/13/76-09/10/79	3	63	
GATE0377	No	00310	BOD, 5 DAY, 20 DEG C MG/L	06/04/64-07/29/64	0	2	
GATE0380	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/16/74-06/19/74	0	9	
GATE0381	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	03/26/63-01/23/68	4	27	
GATE0384	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/16/75-07/28/77	1	26	
GATE0385	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	01/16/74-06/19/74	0	9	
GATE0387	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/16/74-06/19/74	0	9	
GATE0391	No	00310	BOD, 5 DAY, 20 DEG C MG/L	06/04/64-06/04/64	0	1	
GATE0394	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	06/04/64-07/29/64	0	2	
GATE0395	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/16/74-06/19/74	0	9	
GATE0396	No	00310	BOD, 5 DAY, 20 DEG C MG/L	06/16/63-03/16/64	0	20	
GATE0398	No	00310	BOD, 5 DAY, 20 DEG C MG/L	03/16/64-03/20/68	4	11	
GATE0400	No	00310	BOD, 5 DAY, 20 DEG C MG/L	03/05/63-11/08/65	2	41	
GATE0401	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/29/64-12/08/69	5	449	
GATE0404	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/12/63-11/12/63	0	18	
GATE0405	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/16/74-06/19/74	0	9	
GATE0407	No	00310	BOD, 5 DAY, 20 DEG C MG/L	03/05/63-01/23/68	4	36	
GATE0409	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/07/74-02/24/82	7	49	
GATE0410	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/17/75-07/26/77	1	43	
GATE0414	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	04/22/77-06/05/77	0	22	
GATE0422	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/17/75-07/26/77	1	43	
GATE0433	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	04/22/77-06/05/77	0	21	
GATE0437	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/16/75-07/26/77	1	43	
GATE0164	Yes	00312	BOD, 6 DAY, 20 DEG C MG/L	01/02/75-09/10/79	4	119	
GATE0168	Yes	00312	BOD, 6 DAY, 20 DEG C MG/L	11/27/73-09/10/79	5	258	
GATE0169	Yes	00312	BOD, 6 DAY, 20 DEG C MG/L	04/13/76-06/18/79	3	48	
GATE0180	No	00312	BOD, 6 DAY, 20 DEG C MG/L	10/30/74-08/08/77	2	3	
GATE0246	Yes	00312	BOD, 6 DAY, 20 DEG C MG/L	04/13/76-04/23/79	3	55	
GATE0282	Yes	00312	BOD, 6 DAY, 20 DEG C MG/L	11/27/73-09/10/79	5	147	
GATE0295	No	00312	BOD, 6 DAY, 20 DEG C MG/L	08/08/77-04/24/78	0	2	
GATE0296	No	00312	BOD, 6 DAY, 20 DEG C MG/L	11/27/73-05/30/79	5	144	
GATE0310	No	00312	BOD, 6 DAY, 20 DEG C MG/L	10/25/76-04/24/78	1	2	
GATE0318	No	00312	BOD, 6 DAY, 20 DEG C MG/L	10/25/76-04/24/79	2	8	
GATE0374	No	00312	BOD, 6 DAY, 20 DEG C MG/L	07/30/75-09/10/79	4	82	
GATE0164	Yes	00315	BOD, 7 DAY, 20 DEG C MG/L	01/02/75-09/10/79	4	119	
GATE0168	Yes	00315	BOD, 7 DAY, 20 DEG C MG/L	11/27/73-09/10/79	5	255	
GATE0169	Yes	00315	BOD, 7 DAY, 20 DEG C MG/L	04/13/76-06/18/79	3	48	
GATE0246	Yes	00315	BOD, 7 DAY, 20 DEG C MG/L	04/13/76-04/23/79	3	55	
GATE0282	Yes	00315	BOD, 7 DAY, 20 DEG C MG/L	11/27/73-09/10/79	5	147	
GATE0296	No	00315	BOD, 7 DAY, 20 DEG C MG/L	11/27/73-05/30/79	5	141	
GATE0374	No	00315	BOD, 7 DAY, 20 DEG C MG/L	07/30/75-09/10/79	4	82	
GATE0168	Yes	00335	COD, .025N K2CR2O7 MG/L	07/15/81-07/15/81	0	1	
GATE0206	Yes	00335	COD, .025N K2CR2O7 MG/L	09/07/77-09/07/77	0	1	
GATE0296	No	00335	COD, .025N K2CR2O7 MG/L	07/15/81-07/15/81	0	1	
GATE0318	No	00335	COD, .025N K2CR2O7 MG/L	07/15/81-07/15/81	0	1	
GATE0168	Yes	00340	COD, .25N K2CR2O7 MG/L	09/30/81-09/30/81	0	1	
GATE0279	No	00340	COD, .25N K2CR2O7 MG/L	07/29/64-07/29/64	0	1	
GATE0296	No	00340	COD, .25N K2CR2O7 MG/L	09/30/81-09/30/81	0	1	
GATE0299	No	00340	COD, .25N K2CR2O7 MG/L	11/04/64-08/24/66	1	15	
GATE0313	No	00340	COD, .25N K2CR2O7 MG/L	11/04/64-08/24/66	1	16	
GATE0318	No	00340	COD, .25N K2CR2O7 MG/L	05/31/78-09/30/81	3	4	
GATE0337	No	00340	COD, .25N K2CR2O7 MG/L	02/03/64-11/08/65	1	13	
GATE0348	No	00340	COD, .25N K2CR2O7 MG/L	03/16/64-03/16/64	0	2	
GATE0352	No	00340	COD, .25N K2CR2O7 MG/L	10/13/64-09/20/66	1	21	
GATE0360	No	00340	COD, .25N K2CR2O7 MG/L	02/03/64-09/20/66	2	39	
GATE0373	Yes	00340	COD, .25N K2CR2O7 MG/L	10/13/64-09/20/66	1	21	
GATE0377	No	00340	COD, .25N K2CR2O7 MG/L	06/04/64-07/29/64	0	2	
GATE0394	Yes	00340	COD, .25N K2CR2O7 MG/L	06/04/64-07/29/64	0	2	
GATE0396	No	00340	COD, .25N K2CR2O7 MG/L	03/16/64-06/05/67	3	3	
GATE0398	No	00340	COD, .25N K2CR2O7 MG/L	03/16/64-09/20/66	2	23	
GATE0400	No	00340	COD, .25N K2CR2O7 MG/L	02/03/64-09/29/64	0	5	
GATE0401	No	00340	COD, .25N K2CR2O7 MG/L	10/19/64-06/06/67	2	271	
GATE0407	No	00340	COD, .25N K2CR2O7 MG/L	06/04/64-08/23/66	2	8	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 04/23/18 To 08/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GATE0401	No	00370	CHLORINE DEMAND, 1 HOUR (MG/L)	09/29/64-06/06/67	2	276	
GATE0360	No	00380	CHLORINE DEMAND, 24 HOUR (MG/L)	01/06/65-01/06/65	0	1	
GATE0373	Yes	00380	CHLORINE DEMAND, 24 HOUR (MG/L)	01/06/65-01/06/65	0	1	
GATE0398	No	00380	CHLORINE DEMAND, 24 HOUR (MG/L)	01/06/65-01/06/65	0	1	
GATE0401	No	00380	CHLORINE DEMAND, 24 HOUR (MG/L)	09/29/64-06/06/67	2	272	
GATE0017	Yes	00400	PH (STANDARD UNITS)	12/15/76-12/15/76	0	1	
GATE0021	No	00400	PH (STANDARD UNITS)	02/19/75-11/14/79	4	44	
GATE0022	No	00400	PH (STANDARD UNITS)	03/03/66-08/24/66	0	12	
GATE0023	No	00400	PH (STANDARD UNITS)	12/15/76-12/15/76	0	1	
GATE0030	Yes	00400	PH (STANDARD UNITS)	02/19/75-05/26/82	7	64	
GATE0035	Yes	00400	PH (STANDARD UNITS)	03/03/66-08/24/66	0	12	
GATE0037	Yes	00400	PH (STANDARD UNITS)	12/15/76-12/15/76	0	1	
GATE0038	Yes	00400	PH (STANDARD UNITS)	02/19/75-05/26/82	7	64	
GATE0059	No	00400	PH (STANDARD UNITS)	12/15/76-12/15/76	0	1	
GATE0066	Yes	00400	PH (STANDARD UNITS)	12/15/76-12/15/76	0	1	
GATE0079	Yes	00400	PH (STANDARD UNITS)	12/15/76-12/15/76	0	1	
GATE0092	Yes	00400	PH (STANDARD UNITS)	12/15/76-12/15/76	0	1	
GATE0093	Yes	00400	PH (STANDARD UNITS)	02/19/75-05/26/82	7	64	
GATE0096	Yes	00400	PH (STANDARD UNITS)	03/03/66-08/24/66	0	12	
GATE0097	Yes	00400	PH (STANDARD UNITS)	03/03/66-08/24/66	0	12	
GATE0099	Yes	00400	PH (STANDARD UNITS)	12/15/76-12/15/76	0	1	
GATE0101	Yes	00400	PH (STANDARD UNITS)	02/19/75-05/26/82	7	68	
GATE0102	Yes	00400	PH (STANDARD UNITS)	02/19/75-05/26/82	7	64	
GATE0104	Yes	00400	PH (STANDARD UNITS)	03/03/66-08/24/66	0	12	
GATE0107	Yes	00400	PH (STANDARD UNITS)	12/15/76-12/15/76	0	1	
GATE0109	No	00400	PH (STANDARD UNITS)	09/17/75-12/16/76	1	5	
GATE0121	No	00400	PH (STANDARD UNITS)	02/19/75-05/26/82	7	68	
GATE0122	Yes	00400	PH (STANDARD UNITS)	03/03/66-08/24/66	0	12	
GATE0131	No	00400	PH (STANDARD UNITS)	09/17/75-12/16/76	1	6	
GATE0140	No	00400	PH (STANDARD UNITS)	03/12/75-02/19/87	11	67	
GATE0143	No	00400	PH (STANDARD UNITS)	03/03/66-08/24/66	0	12	
GATE0148	No	00400	PH (STANDARD UNITS)	09/17/75-12/16/76	1	3	
GATE0153	No	00400	PH (STANDARD UNITS)	12/15/76-12/15/76	0	1	
GATE0163	Yes	00400	PH (STANDARD UNITS)	08/11/66-08/11/66	0	1	
GATE0164	Yes	00400	PH (STANDARD UNITS)	01/02/75-09/10/79	4	119	
GATE0168	Yes	00400	PH (STANDARD UNITS)	11/27/73-07/15/81	7	259	
GATE0169	Yes	00400	PH (STANDARD UNITS)	04/13/76-06/18/79	3	48	
GATE0180	No	00400	PH (STANDARD UNITS)	09/12/74-10/17/79	5	15	
GATE0188	No	00400	PH (STANDARD UNITS)	06/30/66-08/29/66	0	2	
GATE0206	Yes	00400	PH (STANDARD UNITS)	09/07/77-08/06/93	15	3	
GATE0210	No	00400	PH (STANDARD UNITS)	04/03/86-11/19/86	0	9	
GATE0211	No	00400	PH (STANDARD UNITS)	04/03/86-11/19/86	0	14	
GATE0212	No	00400	PH (STANDARD UNITS)	06/23/86-11/12/86	0	5	
GATE0241	No	00400	PH (STANDARD UNITS)	09/11/73-05/22/75	1	4	
GATE0246	Yes	00400	PH (STANDARD UNITS)	04/13/76-04/23/79	3	55	
GATE0257	No	00400	PH (STANDARD UNITS)	09/16/75-12/17/76	1	5	
GATE0271	No	00400	PH (STANDARD UNITS)	07/12/71-07/26/71	0	17	
GATE0279	No	00400	PH (STANDARD UNITS)	02/06/64-08/13/64	0	3	
GATE0282	Yes	00400	PH (STANDARD UNITS)	11/27/73-09/10/79	5	147	
GATE0285	No	00400	PH (STANDARD UNITS)	07/12/71-07/26/71	0	17	
GATE0295	No	00400	PH (STANDARD UNITS)	10/25/76-07/26/78	1	5	
GATE0296	No	00400	PH (STANDARD UNITS)	11/27/73-07/15/81	7	146	
GATE0299	No	00400	PH (STANDARD UNITS)	02/06/64-02/15/68	4	15	
GATE0306	No	00400	PH (STANDARD UNITS)	02/06/64-06/01/67	3	5	
GATE0310	No	00400	PH (STANDARD UNITS)	10/25/76-07/26/78	1	5	
GATE0313	No	00400	PH (STANDARD UNITS)	02/06/64-06/01/67	3	11	
GATE0318	No	00400	PH (STANDARD UNITS)	10/25/76-07/15/81	4	15	
GATE0320	No	00400	PH (STANDARD UNITS)	09/16/75-12/17/76	1	6	
GATE0321	No	00400	PH (STANDARD UNITS)	07/12/71-07/26/71	0	16	
GATE0326	No	00400	PH (STANDARD UNITS)	06/01/67-06/01/67	0	1	
GATE0337	No	00400	PH (STANDARD UNITS)	03/16/64-05/08/69	5	4	
GATE0342	No	00400	PH (STANDARD UNITS)	02/06/64-08/13/64	0	3	
GATE0348	No	00400	PH (STANDARD UNITS)	03/16/64-03/16/64	0	2	
GATE0352	No	00400	PH (STANDARD UNITS)	10/13/64-03/14/68	3	23	
GATE0356	No	00400	PH (STANDARD UNITS)	09/16/75-12/14/76	1	6	
GATE0358	No	00400	PH (STANDARD UNITS)	01/08/75-05/26/82	7	119	
GATE0360	No	00400	PH (STANDARD UNITS)	03/16/64-11/30/71	7	49	
GATE0361	No	00400	PH (STANDARD UNITS)	07/12/71-06/02/82	10	89	
GATE0369	No	00400	PH (STANDARD UNITS)	02/19/75-11/14/79	4	45	
GATE0371	No	00400	PH (STANDARD UNITS)	02/06/64-08/13/64	0	4	
GATE0373	Yes	00400	PH (STANDARD UNITS)	06/27/63-09/20/66	3	47	
GATE0374	No	00400	PH (STANDARD UNITS)	07/31/75-09/10/79	4	79	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 04/23/18 To 08/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GATE0377	No	00400	PH (STANDARD UNITS)	08/13/64-08/13/64	0	1	
GATE0381	Yes	00400	PH (STANDARD UNITS)	06/01/67-06/01/67	0	1	
GATE0384	No	00400	PH (STANDARD UNITS)	09/16/75-12/14/76	1	6	
GATE0390	Yes	00400	PH (STANDARD UNITS)	04/26/74-07/27/78	4	5209	
GATE0391	No	00400	PH (STANDARD UNITS)	03/23/64-08/13/64	0	3	
GATE0394	Yes	00400	PH (STANDARD UNITS)	03/23/64-08/13/64	0	2	
GATE0396	No	00400	PH (STANDARD UNITS)	03/16/64-06/05/67	3	3	
GATE0398	No	00400	PH (STANDARD UNITS)	03/16/64-11/30/71	7	26	
GATE0400	No	00400	PH (STANDARD UNITS)	03/23/64-03/23/64	0	1	
GATE0401	No	00400	PH (STANDARD UNITS)	09/29/64-04/05/71	6	461	
GATE0407	No	00400	PH (STANDARD UNITS)	03/23/64-06/01/67	3	10	
GATE0409	No	00400	PH (STANDARD UNITS)	01/08/75-06/02/82	7	74	
GATE0410	No	00400	PH (STANDARD UNITS)	09/17/75-12/16/76	1	5	
GATE0415	No	00400	PH (STANDARD UNITS)	03/23/64-06/03/64	0	2	
GATE0419	No	00400	PH (STANDARD UNITS)	03/23/64-06/03/64	0	2	
GATE0422	No	00400	PH (STANDARD UNITS)	09/17/75-12/16/76	1	5	
GATE0436	No	00400	PH (STANDARD UNITS)	03/23/64-06/03/64	0	2	
GATE0437	No	00400	PH (STANDARD UNITS)	09/16/75-12/17/76	1	6	
GATE0439	No	00400	PH (STANDARD UNITS)	03/23/64-06/03/64	0	2	
GATE0012	Yes	00403	PH, LAB, STANDARD UNITS SU	06/01/83-08/30/83	0	14	
GATE0018	Yes	00403	PH, LAB, STANDARD UNITS SU	06/01/83-08/30/83	0	14	
GATE0019	No	00403	PH, LAB, STANDARD UNITS SU	06/01/83-08/30/83	0	14	
GATE0020	No	00403	PH, LAB, STANDARD UNITS SU	11/07/73-01/08/74	0	4	
GATE0036	Yes	00403	PH, LAB, STANDARD UNITS SU	11/07/73-01/08/74	0	4	
GATE0049	Yes	00403	PH, LAB, STANDARD UNITS SU	06/01/83-08/30/83	0	14	
GATE0058	Yes	00403	PH, LAB, STANDARD UNITS SU	06/01/83-08/30/83	0	14	
GATE0061	Yes	00403	PH, LAB, STANDARD UNITS SU	06/01/83-08/30/83	0	14	
GATE0074	Yes	00403	PH, LAB, STANDARD UNITS SU	06/01/83-08/31/83	0	14	
GATE0090	Yes	00403	PH, LAB, STANDARD UNITS SU	06/01/83-08/30/83	0	14	
GATE0095	Yes	00403	PH, LAB, STANDARD UNITS SU	11/07/73-01/08/74	0	4	
GATE0098	Yes	00403	PH, LAB, STANDARD UNITS SU	11/07/73-01/08/74	0	4	
GATE0103	Yes	00403	PH, LAB, STANDARD UNITS SU	11/07/73-01/08/74	0	4	
GATE0106	Yes	00403	PH, LAB, STANDARD UNITS SU	06/01/83-08/30/83	0	14	
GATE0119	Yes	00403	PH, LAB, STANDARD UNITS SU	06/01/83-08/31/83	0	14	
GATE0124	No	00403	PH, LAB, STANDARD UNITS SU	11/07/73-01/08/74	0	4	
GATE0132	No	00403	PH, LAB, STANDARD UNITS SU	06/01/83-08/30/83	0	14	
GATE0138	No	00403	PH, LAB, STANDARD UNITS SU	11/07/73-01/08/74	0	4	
GATE0168	Yes	00403	PH, LAB, STANDARD UNITS SU	09/30/81-09/30/81	0	1	
GATE0210	No	00403	PH, LAB, STANDARD UNITS SU	04/03/86-04/03/86	0	1	
GATE0211	No	00403	PH, LAB, STANDARD UNITS SU	04/03/86-04/03/86	0	1	
GATE0296	No	00403	PH, LAB, STANDARD UNITS SU	09/30/81-09/30/81	0	1	
GATE0318	No	00403	PH, LAB, STANDARD UNITS SU	09/30/81-09/30/81	0	1	
GATE0365	No	00403	PH, LAB, STANDARD UNITS SU	11/08/73-01/08/74	0	4	
GATE0403	Yes	00403	PH, LAB, STANDARD UNITS SU	06/02/83-08/31/83	0	14	
GATE0412	Yes	00403	PH, LAB, STANDARD UNITS SU	06/02/83-08/31/83	0	14	
GATE0416	Yes	00403	PH, LAB, STANDARD UNITS SU	06/02/83-08/31/83	0	14	
GATE0423	Yes	00403	PH, LAB, STANDARD UNITS SU	06/02/83-08/31/83	0	14	
GATE0425	Yes	00403	PH, LAB, STANDARD UNITS SU	06/02/83-08/31/83	0	14	
GATE0428	Yes	00403	PH, LAB, STANDARD UNITS SU	06/02/83-08/31/83	0	14	
GATE0432	Yes	00403	PH, LAB, STANDARD UNITS SU	06/02/83-08/31/83	0	14	
GATE0005	No	00405	CARBON DIOXIDE (MG/L AS CO2)	07/06/92-07/06/92	0	1	
GATE0206	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	09/07/77-09/07/77	0	1	
GATE0005	No	00406	PH, FIELD, STANDARD UNITS SU	05/30/89-08/30/93	4	105	
GATE0010	No	00406	PH, FIELD, STANDARD UNITS SU	05/30/89-08/26/96	7	177	
GATE0012	Yes	00406	PH, FIELD, STANDARD UNITS SU	05/30/89-08/26/96	7	119	
GATE0013	No	00406	PH, FIELD, STANDARD UNITS SU	10/25/94-11/22/94	0	3	
GATE0018	Yes	00406	PH, FIELD, STANDARD UNITS SU	05/30/89-08/30/93	4	106	
GATE0019	No	00406	PH, FIELD, STANDARD UNITS SU	05/30/89-08/30/93	4	108	
GATE0034	Yes	00406	PH, FIELD, STANDARD UNITS SU	05/28/92-08/26/96	4	123	
GATE0039	Yes	00406	PH, FIELD, STANDARD UNITS SU	05/30/89-08/31/93	4	58	
GATE0040	No	00406	PH, FIELD, STANDARD UNITS SU	01/31/94-08/26/96	2	88	
GATE0043	No	00406	PH, FIELD, STANDARD UNITS SU	01/31/94-08/26/96	2	88	
GATE0049	Yes	00406	PH, FIELD, STANDARD UNITS SU	05/30/89-10/25/94	5	110	
GATE0058	Yes	00406	PH, FIELD, STANDARD UNITS SU	05/30/89-08/30/93	4	107	
GATE0061	Yes	00406	PH, FIELD, STANDARD UNITS SU	05/30/89-08/30/93	4	108	
GATE0063	Yes	00406	PH, FIELD, STANDARD UNITS SU	05/30/89-08/08/89	0	14	
GATE0068	No	00406	PH, FIELD, STANDARD UNITS SU	01/31/94-08/26/96	2	81	
GATE0082	Yes	00406	PH, FIELD, STANDARD UNITS SU	05/22/90-08/26/96	6	175	
GATE0090	Yes	00406	PH, FIELD, STANDARD UNITS SU	05/30/89-08/26/96	7	179	
GATE0106	Yes	00406	PH, FIELD, STANDARD UNITS SU	05/24/89-08/30/93	4	113	
GATE0111	No	00406	PH, FIELD, STANDARD UNITS SU	05/30/89-08/27/90	1	45	
GATE0112	No	00406	PH, FIELD, STANDARD UNITS SU	05/30/89-08/27/90	1	44	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 04/23/18 To 08/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GATE0120	No	00406	PH, FIELD, STANDARD UNITS SU	05/30/89-08/27/90	1	23	
GATE0132	No	00406	PH, FIELD, STANDARD UNITS SU	05/24/89-08/26/96	7	192	
GATE0227	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/24/93-08/24/93	0	10	
GATE0232	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/24/93-08/24/93	0	10	
GATE0060	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/07/77-07/16/77	0	21	
GATE0088	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/07/77-07/16/77	0	21	
GATE0131	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/06/77-06/12/77	0	10	
GATE0155	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/07/77-07/16/77	0	25	
GATE0164	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/02/75-09/10/79	4	118	
GATE0168	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/27/73-09/30/81	7	262	
GATE0169	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/13/76-06/18/79	3	47	
GATE0180	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/02/79-10/17/79	0	3	
GATE0188	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/30/66-06/30/66	0	1	
GATE0206	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/07/77-09/07/77	0	1	
GATE0246	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/13/76-04/23/79	3	54	
GATE0282	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/27/73-09/10/79	5	146	
GATE0296	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/27/73-09/30/81	7	147	
GATE0318	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/11/78-09/30/81	3	7	
GATE0356	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/01/77-07/16/77	0	32	
GATE0374	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/31/75-09/10/79	4	79	
GATE0384	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/12/77-07/16/77	0	10	
GATE0401	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/19/64-04/05/71	6	183	
GATE0410	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/01/77-06/12/77	0	22	
GATE0414	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/01/77-07/15/77	0	15	
GATE0422	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/01/77-06/12/77	0	21	
GATE0433	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/01/77-07/15/77	0	16	
GATE0437	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/01/77-06/12/77	0	20	
GATE0360	No	00436	ACIDITY, MINERAL (METHYL ORANGE) (MG/L AS CACO3)	01/06/65-01/06/65	0	1	
GATE0360	No	00437	ACIDITY, CO2 (PHENOLPHTHALEIN) (MG/L AS CACO3)	01/06/65-01/06/65	0	1	
GATE0206	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	09/07/77-09/07/77	0	1	
GATE0005	No	00445	CARBONATE ION (MG/L AS CO3)	07/06/92-07/06/92	0	1	
GATE0206	Yes	00445	CARBONATE ION (MG/L AS CO3)	09/07/77-09/07/77	0	1	
GATE0005	No	00480	SALINITY - PARTS PER THOUSAND	05/30/89-08/30/93	4	132	
GATE0010	No	00480	SALINITY - PARTS PER THOUSAND	05/30/89-08/26/96	7	204	
GATE0012	Yes	00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/26/96	13	150	
GATE0013	No	00480	SALINITY - PARTS PER THOUSAND	10/25/94-11/22/94	0	3	
GATE0018	Yes	00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/30/93	10	146	
GATE0019	No	00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/30/93	10	146	
GATE0034	Yes	00480	SALINITY - PARTS PER THOUSAND	05/28/92-08/26/96	4	132	
GATE0039	Yes	00480	SALINITY - PARTS PER THOUSAND	05/30/89-08/31/93	4	68	
GATE0040	No	00480	SALINITY - PARTS PER THOUSAND	01/31/94-08/26/96	2	88	
GATE0043	No	00480	SALINITY - PARTS PER THOUSAND	01/31/94-08/26/96	2	88	
GATE0049	Yes	00480	SALINITY - PARTS PER THOUSAND	06/01/83-10/25/94	11	148	
GATE0058	Yes	00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/30/93	10	142	
GATE0060	No	00480	SALINITY - PARTS PER THOUSAND	11/10/75-06/09/77	1	20	
GATE0061	Yes	00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/30/93	10	147	
GATE0063	Yes	00480	SALINITY - PARTS PER THOUSAND	05/30/89-08/15/89	0	20	
GATE0068	No	00480	SALINITY - PARTS PER THOUSAND	01/31/94-08/26/96	2	81	
GATE0074	Yes	00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/25/83	0	10	
GATE0082	Yes	00480	SALINITY - PARTS PER THOUSAND	05/22/90-08/26/96	6	194	
GATE0088	Yes	00480	SALINITY - PARTS PER THOUSAND	11/10/75-06/09/77	1	20	
GATE0090	Yes	00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/26/96	13	210	
GATE0106	Yes	00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/30/93	10	148	
GATE0109	No	00480	SALINITY - PARTS PER THOUSAND	09/17/75-11/06/75	0	6	
GATE0111	No	00480	SALINITY - PARTS PER THOUSAND	05/30/89-08/27/90	1	46	
GATE0112	No	00480	SALINITY - PARTS PER THOUSAND	05/23/89-08/27/90	1	47	
GATE0119	Yes	00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/25/83	0	10	
GATE0120	No	00480	SALINITY - PARTS PER THOUSAND	05/30/89-08/27/90	1	25	
GATE0131	No	00480	SALINITY - PARTS PER THOUSAND	09/17/75-06/12/77	1	58	
GATE0132	No	00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/26/96	13	224	
GATE0149	No	00480	SALINITY - PARTS PER THOUSAND	10/20/78-08/08/79	0	15	
GATE0150	No	00480	SALINITY - PARTS PER THOUSAND	10/20/78-08/08/79	0	15	
GATE0155	No	00480	SALINITY - PARTS PER THOUSAND	06/07/77-06/09/77	0	10	
GATE0156	No	00480	SALINITY - PARTS PER THOUSAND	11/30/78-08/10/79	0	15	
GATE0158	No	00480	SALINITY - PARTS PER THOUSAND	11/30/78-08/10/79	0	15	
GATE0164	Yes	00480	SALINITY - PARTS PER THOUSAND	01/02/75-08/09/79	4	97	
GATE0168	Yes	00480	SALINITY - PARTS PER THOUSAND	11/27/73-09/30/81	7	236	
GATE0169	Yes	00480	SALINITY - PARTS PER THOUSAND	04/13/76-06/18/79	3	29	
GATE0180	No	00480	SALINITY - PARTS PER THOUSAND	11/30/78-08/10/79	0	15	
GATE0181	No	00480	SALINITY - PARTS PER THOUSAND	06/18/79-07/05/88	9	171	
GATE0183	No	00480	SALINITY - PARTS PER THOUSAND	11/18/93-11/18/93	0	1	
GATE0186	No	00480	SALINITY - PARTS PER THOUSAND	06/01/83-04/11/95	11	73	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 04/23/18 To 08/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GATE0189	No	00480	SALINITY - PARTS PER THOUSAND	06/06/79-05/10/83	3	36	
GATE0222	No	00480	SALINITY - PARTS PER THOUSAND	11/30/78-08/10/79	0	15	
GATE0227	Yes	00480	SALINITY - PARTS PER THOUSAND	08/24/93-08/24/93	0	10	
GATE0232	Yes	00480	SALINITY - PARTS PER THOUSAND	08/24/93-08/24/93	0	10	
GATE0243	No	00480	SALINITY - PARTS PER THOUSAND	11/30/78-08/10/79	0	15	
GATE0244	No	00480	SALINITY - PARTS PER THOUSAND	03/20/79-04/11/95	16	94	
GATE0246	Yes	00480	SALINITY - PARTS PER THOUSAND	04/13/76-04/23/79	3	34	
GATE0257	No	00480	SALINITY - PARTS PER THOUSAND	09/17/75-09/17/75	0	2	
GATE0260	No	00480	SALINITY - PARTS PER THOUSAND	06/27/85-08/22/85	0	5	
GATE0282	Yes	00480	SALINITY - PARTS PER THOUSAND	11/27/73-08/09/79	5	122	
GATE0296	No	00480	SALINITY - PARTS PER THOUSAND	11/27/73-09/30/81	7	127	
GATE0297	No	00480	SALINITY - PARTS PER THOUSAND	06/27/85-05/26/94	8	19	
GATE0310	No	00480	SALINITY - PARTS PER THOUSAND	06/18/79-04/25/94	14	93	
GATE0318	No	00480	SALINITY - PARTS PER THOUSAND	07/11/78-09/30/81	3	8	
GATE0319	No	00480	SALINITY - PARTS PER THOUSAND	06/16/93-04/25/94	0	5	
GATE0320	No	00480	SALINITY - PARTS PER THOUSAND	09/16/75-10/02/75	0	10	
GATE0331	No	00480	SALINITY - PARTS PER THOUSAND	06/14/79-09/01/81	2	14	
GATE0341	No	00480	SALINITY - PARTS PER THOUSAND	06/18/79-07/05/88	9	83	
GATE0356	No	00480	SALINITY - PARTS PER THOUSAND	09/16/75-07/16/77	1	224	
GATE0360	No	00480	SALINITY - PARTS PER THOUSAND	03/28/73-03/28/73	0	2	
GATE0366	No	00480	SALINITY - PARTS PER THOUSAND	03/15/82-11/16/82	0	15	
GATE0372	No	00480	SALINITY - PARTS PER THOUSAND	03/15/82-11/16/82	0	15	
GATE0374	No	00480	SALINITY - PARTS PER THOUSAND	07/31/75-08/09/79	4	54	
GATE0384	No	00480	SALINITY - PARTS PER THOUSAND	09/16/75-07/16/77	1	90	
GATE0386	No	00480	SALINITY - PARTS PER THOUSAND	03/15/82-11/16/82	0	16	
GATE0393	No	00480	SALINITY - PARTS PER THOUSAND	03/15/82-11/16/82	0	15	
GATE0398	No	00480	SALINITY - PARTS PER THOUSAND	03/28/73-03/28/73	0	2	
GATE0403	Yes	00480	SALINITY - PARTS PER THOUSAND	06/09/83-08/31/92	9	24	
GATE0410	No	00480	SALINITY - PARTS PER THOUSAND	09/17/75-06/12/77	1	122	
GATE0412	Yes	00480	SALINITY - PARTS PER THOUSAND	06/09/83-08/31/92	9	24	
GATE0416	Yes	00480	SALINITY - PARTS PER THOUSAND	06/09/83-08/31/92	9	24	
GATE0422	No	00480	SALINITY - PARTS PER THOUSAND	09/17/75-06/12/77	1	122	
GATE0423	Yes	00480	SALINITY - PARTS PER THOUSAND	06/09/83-08/31/92	9	24	
GATE0425	Yes	00480	SALINITY - PARTS PER THOUSAND	06/09/83-08/31/92	9	24	
GATE0428	Yes	00480	SALINITY - PARTS PER THOUSAND	06/09/83-08/31/92	9	24	
GATE0432	Yes	00480	SALINITY - PARTS PER THOUSAND	06/09/83-08/31/92	9	23	
GATE0437	No	00480	SALINITY - PARTS PER THOUSAND	09/16/75-06/12/77	1	118	
GATE0164	Yes	00500	RESIDUE, TOTAL (MG/L)	06/10/75-06/17/75	0	2	
GATE0168	Yes	00500	RESIDUE, TOTAL (MG/L)	06/10/75-09/30/81	6	11	
GATE0180	No	00500	RESIDUE, TOTAL (MG/L)	09/12/74-10/17/79	5	13	
GATE0282	Yes	00500	RESIDUE, TOTAL (MG/L)	06/10/75-06/17/75	0	2	
GATE0295	No	00500	RESIDUE, TOTAL (MG/L)	10/25/76-07/26/78	1	5	
GATE0296	No	00500	RESIDUE, TOTAL (MG/L)	06/10/75-09/30/81	6	9	
GATE0299	No	00500	RESIDUE, TOTAL (MG/L)	08/19/64-08/25/64	0	4	
GATE0310	No	00500	RESIDUE, TOTAL (MG/L)	08/08/77-07/26/78	0	4	
GATE0318	No	00500	RESIDUE, TOTAL (MG/L)	10/25/76-09/30/81	4	16	
GATE0326	No	00500	RESIDUE, TOTAL (MG/L)	06/08/64-06/08/64	0	2	
GATE0164	Yes	00510	RESIDUE, TOTAL FIXED (MG/L)	02/10/75-01/31/78	2	3	
GATE0168	Yes	00510	RESIDUE, TOTAL FIXED (MG/L)	02/10/75-05/21/79	4	6	
GATE0169	Yes	00510	RESIDUE, TOTAL FIXED (MG/L)	01/31/78-05/21/79	1	2	
GATE0180	No	00510	RESIDUE, TOTAL FIXED (MG/L)	09/12/74-07/26/78	3	10	
GATE0246	Yes	00510	RESIDUE, TOTAL FIXED (MG/L)	01/31/78-01/31/78	0	1	
GATE0282	Yes	00510	RESIDUE, TOTAL FIXED (MG/L)	02/10/75-05/21/79	4	4	
GATE0295	No	00510	RESIDUE, TOTAL FIXED (MG/L)	10/25/76-07/26/78	1	5	
GATE0296	No	00510	RESIDUE, TOTAL FIXED (MG/L)	02/10/75-02/10/75	0	1	
GATE0310	No	00510	RESIDUE, TOTAL FIXED (MG/L)	08/08/77-07/26/78	0	4	
GATE0318	No	00510	RESIDUE, TOTAL FIXED (MG/L)	10/25/76-07/26/78	1	5	
GATE0374	No	00510	RESIDUE, TOTAL FIXED (MG/L)	08/07/75-05/21/79	3	4	
GATE0017	Yes	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	12/15/76-07/18/77	0	2	
GATE0023	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	12/15/76-07/18/77	0	2	
GATE0037	Yes	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	12/15/76-07/18/77	0	2	
GATE0059	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	12/15/76-07/18/77	0	2	
GATE0060	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	07/12/77-07/12/77	0	2	
GATE0066	Yes	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	12/15/76-07/18/77	0	2	
GATE0079	Yes	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	12/15/76-07/18/77	0	2	
GATE0088	Yes	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	07/12/77-07/12/77	0	2	
GATE0092	Yes	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	12/15/76-07/18/77	0	2	
GATE0099	Yes	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	12/15/76-07/18/77	0	2	
GATE0107	Yes	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	12/15/76-07/18/77	0	2	
GATE0109	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/17/75-07/18/77	1	8	
GATE0131	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/17/75-07/18/77	1	22	
GATE0148	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/17/75-07/18/77	1	6	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 04/23/18 To 08/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GATE0153	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	12/15/76-07/18/77	0	2	
GATE0257	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/16/75-07/26/77	1	9	
GATE0320	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/16/75-07/26/77	1	9	
GATE0356	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/16/75-07/28/77	1	60	
GATE0384	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/16/75-07/28/77	1	22	
GATE0401	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	10/19/64-09/22/69	4	173	
GATE0410	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/17/75-07/26/77	1	46	
GATE0414	Yes	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	04/22/77-06/05/77	0	22	
GATE0422	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/17/75-07/26/77	1	46	
GATE0433	Yes	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	04/22/77-06/05/77	0	21	
GATE0437	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/16/75-07/26/77	1	45	
GATE0030	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/14/79-05/26/82	3	28	
GATE0071	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/06/82-09/06/82	0	2	
GATE0140	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/14/79-05/26/82	3	28	
GATE0145	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/23/83-08/23/83	0	1	
GATE0147	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/23/83-08/23/83	0	1	
GATE0168	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/11/78-09/30/81	3	7	
GATE0180	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/12/74-10/17/79	5	15	
GATE0210	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/03/86-11/19/86	0	9	
GATE0211	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/03/86-11/19/86	0	9	
GATE0295	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/25/76-07/26/78	1	5	
GATE0296	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/11/78-09/30/81	3	7	
GATE0310	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/08/77-07/26/78	0	4	
GATE0318	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/25/76-09/30/81	4	13	
GATE0358	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/26/79-05/26/82	3	31	
GATE0391	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/23/91-09/23/91	0	1	
GATE0210	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/03/86-11/19/86	0	9	
GATE0211	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/03/86-11/19/86	0	9	
GATE0180	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/12/74-10/17/79	5	12	
GATE0210	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/03/86-11/19/86	0	9	
GATE0211	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/03/86-11/19/86	0	9	
GATE0295	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10/25/76-07/26/78	1	5	
GATE0310	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	08/08/77-07/26/78	0	4	
GATE0318	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10/25/76-07/26/78	1	5	
GATE0021	No	00560	OIL & GREASE (FREON EXTR.-IR METHOD) TOT,REC,MG/L	08/13/75-03/10/86	10	16	
GATE0030	Yes	00560	OIL & GREASE (FREON EXTR.-IR METHOD) TOT,REC,MG/L	08/13/75-05/26/82	6	14	
GATE0038	Yes	00560	OIL & GREASE (FREON EXTR.-IR METHOD) TOT,REC,MG/L	08/13/75-08/11/86	10	17	
GATE0093	Yes	00560	OIL & GREASE (FREON EXTR.-IR METHOD) TOT,REC,MG/L	08/13/75-03/10/86	10	21	
GATE0101	Yes	00560	OIL & GREASE (FREON EXTR.-IR METHOD) TOT,REC,MG/L	08/13/75-08/11/86	10	18	
GATE0102	Yes	00560	OIL & GREASE (FREON EXTR.-IR METHOD) TOT,REC,MG/L	08/13/75-06/24/81	5	11	
GATE0121	No	00560	OIL & GREASE (FREON EXTR.-IR METHOD) TOT,REC,MG/L	08/13/75-05/26/82	6	14	
GATE0140	No	00560	OIL & GREASE (FREON EXTR.-IR METHOD) TOT,REC,MG/L	08/13/75-08/11/86	10	17	
GATE0144	No	00560	OIL & GREASE (FREON EXTR.-IR METHOD) TOT,REC,MG/L	09/09/82-03/10/86	3	6	
GATE0358	No	00560	OIL & GREASE (FREON EXTR.-IR METHOD) TOT,REC,MG/L	07/16/75-09/22/86	11	39	
GATE0361	No	00560	OIL & GREASE (FREON EXTR.-IR METHOD) TOT,REC,MG/L	07/16/75-05/05/82	6	14	
GATE0369	No	00560	OIL & GREASE (FREON EXTR.-IR METHOD) TOT,REC,MG/L	08/13/75-09/29/86	11	17	
GATE0409	No	00560	OIL & GREASE (FREON EXTR.-IR METHOD) TOT,REC,MG/L	07/16/75-03/24/86	10	19	
GATE0206	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	09/07/77-09/07/77	0	1	
GATE0201	Yes	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/17/72-04/17/72	0	1	
GATE0206	Yes	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/07/77-09/07/77	0	1	
GATE0279	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	07/29/64-07/29/64	0	1	
GATE0299	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	07/23/63-07/23/63	0	1	
GATE0360	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/12/63-07/29/64	0	2	
GATE0377	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	07/29/64-07/29/64	0	1	
GATE0394	Yes	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	07/29/64-07/29/64	0	1	
GATE0400	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	07/29/64-07/29/64	0	1	
GATE0401	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	10/19/64-04/05/71	6	17	
GATE0407	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	07/29/64-07/29/64	0	1	
GATE0010	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	03/21/94-09/26/94	0	21	
GATE0012	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/28/94-09/28/94	0	11	
GATE0034	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/01/94-09/28/94	0	15	
GATE0040	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/31/94-09/26/94	0	24	
GATE0043	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/31/94-09/26/94	0	23	
GATE0068	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/31/94-09/26/94	0	24	
GATE0082	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/31/94-09/27/94	0	23	
GATE0090	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/31/94-09/27/94	0	23	
GATE0132	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/31/94-09/26/94	0	25	
GATE0012	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/09/83-08/23/83	0	2	
GATE0017	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/15/76-07/18/77	0	2	
GATE0018	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/09/83-08/23/83	0	2	
GATE0019	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/09/83-08/23/83	0	2	
GATE0021	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/13/74-09/06/83	9	29	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 04/23/18 To 08/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GATE0022	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/25/66-08/24/66	0	8	
GATE0023	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/15/76-07/18/77	0	2	
GATE0030	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/13/74-05/26/82	7	49	
GATE0035	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/25/66-08/24/66	0	8	
GATE0037	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/15/76-07/18/77	0	2	
GATE0038	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/13/74-08/11/86	11	38	
GATE0049	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/09/83-08/23/83	0	2	
GATE0056	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/08/77-05/18/77	0	4	
GATE0058	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/09/83-08/23/83	0	2	
GATE0059	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/15/76-07/18/77	0	2	
GATE0061	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/09/83-08/23/83	0	2	
GATE0066	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/15/76-07/18/77	0	2	
GATE0071	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/08/77-05/18/77	0	4	
GATE0074	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/04/83-08/31/83	0	4	
GATE0079	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/15/76-07/18/77	0	2	
GATE0090	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/09/83-08/23/83	0	2	
GATE0092	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/15/76-07/18/77	0	2	
GATE0093	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/13/74-09/06/83	9	38	
GATE0096	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/25/66-08/24/66	0	7	
GATE0097	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/25/66-08/24/66	0	7	
GATE0099	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/15/76-07/18/77	0	2	
GATE0101	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/13/74-08/11/86	11	41	
GATE0102	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/13/74-03/15/82	7	31	
GATE0104	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/25/66-08/24/66	0	7	
GATE0106	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/09/83-08/23/83	0	2	
GATE0107	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/15/76-07/18/77	0	2	
GATE0109	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/01/75-07/18/77	1	7	
GATE0119	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/04/83-08/31/83	0	4	
GATE0121	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/13/74-05/26/82	7	34	
GATE0122	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/25/66-08/24/66	0	7	
GATE0129	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/08/77-05/18/77	0	4	
GATE0131	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/17/75-07/18/77	1	9	
GATE0132	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/09/83-08/23/83	0	2	
GATE0140	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/13/74-02/19/87	12	61	
GATE0143	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/25/66-06/23/66	0	4	
GATE0144	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/11/82-09/06/83	1	3	
GATE0148	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/17/75-07/18/77	1	6	
GATE0153	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/15/76-07/18/77	0	2	
GATE0159	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/09/77-05/19/77	0	6	
GATE0160	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/09/77-05/17/77	0	8	
GATE0164	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/02/75-09/10/79	4	119	
GATE0166	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/11/80-10/05/87	7	79	
GATE0168	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/27/73-07/15/81	7	169	
GATE0169	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/13/76-06/18/79	3	48	
GATE0178	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/09/77-05/19/77	0	6	
GATE0180	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/12/74-10/17/79	5	15	
GATE0188	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/30/66-06/30/66	0	1	
GATE0201	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/17/72-04/17/72	0	1	
GATE0205	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/09/77-05/19/77	0	6	
GATE0206	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/07/77-09/07/77	0	1	
GATE0210	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/03/86-11/19/86	0	9	
GATE0211	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/03/86-11/19/86	0	9	
GATE0237	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/09/77-05/19/77	0	6	
GATE0246	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/13/76-04/23/79	3	55	
GATE0257	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/16/75-07/26/77	1	8	
GATE0271	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/12/71-08/02/77	6	3	
GATE0282	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/27/73-09/10/79	5	147	
GATE0285	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/12/71-07/19/71	0	2	
GATE0295	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/25/76-07/26/78	1	5	
GATE0296	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/27/73-07/15/81	7	146	
GATE0299	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/23/63-10/05/87	24	74	S
GATE0310	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/25/76-07/26/78	1	5	
GATE0313	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/25/66-08/19/80	14	10	
GATE0318	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/25/76-07/15/81	4	12	
GATE0320	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/16/75-07/26/77	1	9	
GATE0321	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/12/71-07/19/71	0	2	
GATE0337	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/03/64-03/30/64	0	4	
GATE0346	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/16/74-06/19/74	0	9	
GATE0348	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/16/64-03/16/64	0	2	
GATE0352	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/23/66-08/23/66	0	4	
GATE0356	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/16/75-07/28/77	1	9	
GATE0358	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/16/74-02/20/87	13	98	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 04/23/18 To 08/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GATE0360	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/12/63-03/28/73	9	23	
GATE0361	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/12/71-05/05/82	10	35	
GATE0369	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/27/74-08/26/85	10	30	
GATE0370	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/19/86-02/19/87	0	3	
GATE0373	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/23/66-08/23/66	0	3	
GATE0374	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/31/75-09/10/79	4	79	
GATE0377	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/04/64-01/10/93	28	2	
GATE0380	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/16/74-06/19/74	0	9	
GATE0384	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/16/75-07/28/77	1	9	
GATE0385	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/16/74-06/19/74	0	9	
GATE0394	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/04/64-01/09/93	28	2	
GATE0396	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/16/64-03/16/64	0	2	
GATE0398	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/16/64-09/20/66	2	6	
GATE0400	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/03/64-01/10/93	28	4	
GATE0401	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/26/64-04/05/71	6	428	
GATE0403	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/04/83-08/31/83	0	4	
GATE0407	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/04/64-07/21/66	2	3	
GATE0409	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/21/74-08/08/83	8	37	
GATE0410	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/17/75-07/26/77	1	9	
GATE0412	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/04/83-08/31/83	0	4	
GATE0415	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/10/93-01/10/93	0	1	
GATE0416	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/04/83-08/31/83	0	4	
GATE0422	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/17/75-07/26/77	1	9	
GATE0423	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/04/83-08/31/83	0	4	
GATE0425	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/04/83-08/31/83	0	4	
GATE0428	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/04/83-08/31/83	0	4	
GATE0432	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/04/83-08/31/83	0	4	
GATE0437	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/16/75-07/26/77	1	8	
GATE0017	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/15/76-07/18/77	0	2	
GATE0021	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/13/74-10/08/75	1	9	
GATE0022	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/03/66-08/24/66	0	12	
GATE0023	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/15/76-07/18/77	0	2	
GATE0030	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/13/74-12/10/75	1	12	
GATE0035	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/03/66-08/24/66	0	12	
GATE0037	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/15/76-07/18/77	0	2	
GATE0038	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/13/74-12/10/75	1	12	
GATE0056	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/08/77-05/18/77	0	4	
GATE0059	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/15/76-07/18/77	0	2	
GATE0066	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/15/76-07/18/77	0	2	
GATE0071	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/08/77-05/18/77	0	4	
GATE0079	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/15/76-07/18/77	0	2	
GATE0092	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/15/76-07/18/77	0	2	
GATE0093	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/13/74-10/08/75	1	10	
GATE0096	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/03/66-08/24/66	0	12	
GATE0097	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/03/66-08/24/66	0	12	
GATE0099	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/15/76-07/18/77	0	2	
GATE0101	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/13/74-10/08/75	1	10	
GATE0102	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/13/74-12/10/75	1	12	
GATE0104	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/03/66-08/24/66	0	12	
GATE0107	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/15/76-07/18/77	0	2	
GATE0109	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/17/75-07/18/77	1	8	
GATE0121	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/13/74-12/10/75	1	12	
GATE0122	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/03/66-08/24/66	0	12	
GATE0129	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/08/77-05/18/77	0	3	
GATE0131	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/17/75-07/18/77	1	9	
GATE0140	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/13/74-10/08/75	1	10	
GATE0143	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/03/66-08/24/66	0	12	
GATE0148	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/17/75-07/18/77	1	6	
GATE0153	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/15/76-07/18/77	0	2	
GATE0159	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/09/77-05/19/77	0	6	
GATE0160	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/09/77-05/17/77	0	8	
GATE0163	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/11/66-08/11/66	0	1	
GATE0164	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/02/75-09/10/79	4	119	
GATE0168	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/27/73-09/30/81	7	170	
GATE0169	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/13/76-06/18/79	3	48	
GATE0178	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/09/77-05/19/77	0	6	
GATE0180	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/02/79-10/17/79	0	2	
GATE0205	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/09/77-05/19/77	0	6	
GATE0206	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/07/77-09/07/77	0	1	
GATE0210	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/03/86-11/19/86	0	9	
GATE0211	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/03/86-11/19/86	0	9	
GATE0237	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/09/77-05/19/77	0	6	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 04/23/18 To 08/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GATE0246	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/13/76-04/23/79	3	55	
GATE0257	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/16/75-07/26/77	1	9	
GATE0271	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/12/71-07/26/71	0	8	
GATE0279	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/29/64-07/29/64	0	1	
GATE0282	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/27/73-09/10/79	5	147	
GATE0285	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/12/71-07/26/71	0	8	
GATE0296	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/27/73-09/30/81	7	148	
GATE0299	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/11/63-08/24/66	3	24	
GATE0313	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/04/64-08/24/66	1	17	
GATE0318	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/22/77-09/30/81	4	13	
GATE0320	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/16/75-07/26/77	1	9	
GATE0321	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/12/71-07/26/71	0	8	
GATE0337	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/16/64-11/08/65	1	13	
GATE0339	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/12/63-11/12/63	0	16	
GATE0346	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/16/74-06/19/74	0	9	
GATE0348	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/16/64-09/29/64	0	3	
GATE0352	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/12/63-09/20/66	3	38	
GATE0356	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/16/75-07/28/77	1	9	
GATE0358	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/16/74-12/03/75	1	28	
GATE0360	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/21/63-09/20/66	3	89	
GATE0361	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/12/71-10/01/75	4	17	
GATE0369	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/27/74-12/10/75	1	11	
GATE0371	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/21/63-09/15/65	2	14	
GATE0373	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/27/63-09/20/66	3	62	
GATE0374	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/31/75-09/10/79	4	79	
GATE0377	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/04/64-07/29/64	0	2	
GATE0380	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/16/74-06/19/74	0	9	
GATE0381	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/29/64-09/29/64	0	1	
GATE0384	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/16/75-07/28/77	1	9	
GATE0385	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/16/74-06/19/74	0	9	
GATE0394	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/04/64-07/29/64	0	2	
GATE0396	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/16/63-03/16/64	0	18	
GATE0398	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/16/64-09/20/66	2	24	
GATE0400	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	02/03/64-09/29/64	0	5	
GATE0404	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/12/63-11/12/63	0	15	
GATE0407	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/04/64-08/23/66	2	11	
GATE0409	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/21/74-10/01/75	1	9	
GATE0410	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/17/75-07/26/77	1	9	
GATE0422	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/17/75-07/26/77	1	9	
GATE0437	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/16/75-07/26/77	1	8	
GATE0012	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/26/83-08/30/83	0	4	
GATE0017	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/15/76-07/18/77	0	2	
GATE0018	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/26/83-08/30/83	0	4	
GATE0019	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/26/83-08/30/83	0	4	
GATE0021	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/13/74-10/08/75	1	9	
GATE0022	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/03/66-08/24/66	0	12	
GATE0023	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/15/76-07/18/77	0	2	
GATE0030	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/13/74-12/10/75	1	11	
GATE0035	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/03/66-08/24/66	0	12	
GATE0037	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/15/76-07/18/77	0	2	
GATE0038	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/13/74-12/10/75	1	12	
GATE0049	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/26/83-08/30/83	0	4	
GATE0056	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/08/77-05/18/77	0	4	
GATE0058	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/26/83-08/30/83	0	4	
GATE0059	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/15/76-07/18/77	0	2	
GATE0061	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/26/83-08/30/83	0	4	
GATE0066	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/15/76-07/18/77	0	2	
GATE0071	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/08/77-05/18/77	0	4	
GATE0074	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/20/83-08/25/83	0	3	
GATE0079	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/15/76-07/18/77	0	2	
GATE0090	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/26/83-08/30/83	0	4	
GATE0092	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/15/76-07/18/77	0	2	
GATE0093	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/13/74-10/08/75	1	10	
GATE0096	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/03/66-08/24/66	0	12	
GATE0097	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/03/66-08/24/66	0	12	
GATE0099	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/15/76-07/18/77	0	2	
GATE0101	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/13/74-10/08/75	1	10	
GATE0102	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/13/74-12/10/75	1	12	
GATE0104	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/03/66-08/24/66	0	12	
GATE0106	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/26/83-08/30/83	0	4	
GATE0107	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/15/76-07/18/77	0	2	
GATE0109	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/17/75-07/18/77	1	8	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 04/23/18 To 08/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GATE0119	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/20/83-08/25/83	0	3	
GATE0121	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/13/74-12/10/75	1	12	
GATE0122	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/03/66-08/24/66	0	12	
GATE0129	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/08/77-05/18/77	0	4	
GATE0131	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/17/75-07/18/77	1	9	
GATE0132	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/26/83-08/30/83	0	4	
GATE0140	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/13/74-10/08/75	1	10	
GATE0143	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/03/66-08/24/66	0	12	
GATE0148	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/17/75-07/18/77	1	6	
GATE0153	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/15/76-07/18/77	0	2	
GATE0159	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/09/77-05/19/77	0	6	
GATE0160	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/09/77-05/17/77	0	8	
GATE0163	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/11/66-08/22/67	1	2	
GATE0166	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/11/80-06/11/80	0	1	
GATE0178	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/09/77-05/19/77	0	6	
GATE0188	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/29/66-08/29/66	0	1	
GATE0201	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/17/72-04/17/72	0	1	
GATE0205	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/09/77-05/19/77	0	6	
GATE0206	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/07/77-09/07/77	0	1	
GATE0237	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/09/77-05/19/77	0	6	
GATE0257	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/16/75-07/26/77	1	9	
GATE0271	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/12/71-07/26/71	0	8	
GATE0279	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/29/64-07/29/64	0	1	
GATE0285	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/12/71-07/26/71	0	8	
GATE0299	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/11/63-06/06/72	8	26	
GATE0313	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/04/64-06/11/80	15	19	
GATE0320	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/16/75-07/26/77	1	9	
GATE0321	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/12/71-07/26/71	0	8	
GATE0337	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/16/64-06/06/72	8	17	
GATE0339	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/12/63-11/12/63	0	14	
GATE0346	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/16/74-06/19/74	0	9	
GATE0348	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/16/64-07/09/68	4	6	
GATE0352	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/12/63-09/20/66	3	36	
GATE0356	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/16/75-07/28/77	1	9	
GATE0358	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/16/74-12/03/75	1	28	
GATE0360	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/05/63-03/28/73	10	101	
GATE0361	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/12/71-10/01/75	4	17	
GATE0369	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/27/74-12/10/75	1	11	
GATE0371	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/05/63-09/15/65	2	18	
GATE0373	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/27/63-09/20/66	3	59	
GATE0377	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/04/64-07/29/64	0	2	
GATE0380	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/16/74-06/19/74	0	9	
GATE0381	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/29/64-09/29/64	0	1	
GATE0384	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/16/75-07/28/77	1	9	
GATE0385	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/16/74-06/19/74	0	9	
GATE0394	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/04/64-07/29/64	0	2	
GATE0396	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/12/63-03/16/64	0	16	
GATE0398	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/16/64-05/02/72	8	31	
GATE0400	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/03/64-09/29/64	0	5	
GATE0401	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/22/66-04/05/71	4	36	
GATE0403	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/20/83-08/25/83	0	3	
GATE0404	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/12/63-11/12/63	0	13	
GATE0407	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/04/64-08/23/66	2	11	
GATE0409	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/21/74-10/01/75	1	9	
GATE0410	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/17/75-07/26/77	1	9	
GATE0412	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/20/83-08/25/83	0	3	
GATE0416	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/20/83-08/25/83	0	3	
GATE0422	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/17/75-07/26/77	1	7	
GATE0423	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/20/83-08/25/83	0	3	
GATE0425	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/20/83-08/25/83	0	3	
GATE0428	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/20/83-08/25/83	0	3	
GATE0432	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/20/83-08/25/83	0	3	
GATE0437	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/16/75-07/26/77	1	8	
GATE0017	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/15/76-07/18/77	0	2	
GATE0021	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/18/76-09/06/83	7	9	
GATE0022	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/03/66-08/24/66	0	12	
GATE0023	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/15/76-07/18/77	0	2	
GATE0030	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/22/76-02/22/82	5	30	
GATE0035	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/03/66-08/24/66	0	12	
GATE0037	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/15/76-07/18/77	0	2	
GATE0038	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/22/76-08/11/86	10	13	
GATE0059	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/15/76-07/18/77	0	2	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 04/23/18 To 08/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GATE0066	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/15/76-07/18/77	0	2	
GATE0079	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/15/76-07/18/77	0	2	
GATE0092	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/15/76-07/18/77	0	2	
GATE0093	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/18/76-09/06/83	7	10	
GATE0096	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/03/66-08/24/66	0	11	
GATE0097	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/03/66-08/24/66	0	12	
GATE0099	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/15/76-07/18/77	0	2	
GATE0101	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/18/76-08/11/86	10	13	
GATE0102	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/22/76-08/25/81	5	8	
GATE0104	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/03/66-08/24/66	0	12	
GATE0107	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/15/76-07/18/77	0	2	
GATE0109	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/01/75-07/18/77	1	7	
GATE0121	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/22/76-08/11/81	5	7	
GATE0122	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/03/66-08/24/66	0	12	
GATE0131	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/17/75-07/18/77	1	9	
GATE0140	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/29/76-08/26/86	10	34	
GATE0143	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/03/66-08/24/66	0	11	
GATE0144	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/11/82-09/06/83	1	2	
GATE0148	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/17/75-07/18/77	1	6	
GATE0153	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/15/76-07/18/77	0	2	
GATE0163	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/22/67-08/22/67	0	1	
GATE0168	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/11/78-07/15/81	2	6	
GATE0180	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/12/74-10/17/79	5	14	
GATE0201	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/17/72-04/17/72	0	1	
GATE0206	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/07/77-09/07/77	0	1	
GATE0210	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/03/86-11/19/86	0	8	
GATE0211	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/03/86-11/19/86	0	8	
GATE0257	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/16/75-07/26/77	1	9	
GATE0295	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/25/76-07/26/78	1	5	
GATE0296	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/11/78-07/15/81	2	6	
GATE0299	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/02/66-06/06/72	6	9	
GATE0310	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/25/76-07/26/78	1	5	
GATE0313	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/02/66-06/06/72	6	9	
GATE0318	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/25/76-07/15/81	4	17	
GATE0320	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/16/75-07/26/77	1	9	
GATE0337	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/27/72-06/06/72	0	2	
GATE0352	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/26/66-09/20/66	0	9	
GATE0356	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/16/75-07/28/77	1	9	
GATE0358	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/18/76-02/20/87	11	45	
GATE0360	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/11/66-03/28/73	7	35	
GATE0361	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/07/76-05/05/82	5	9	
GATE0369	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/22/76-08/26/85	9	9	
GATE0370	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/19/86-02/19/87	0	3	
GATE0373	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/26/66-09/20/66	0	9	
GATE0384	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/16/75-07/28/77	1	9	
GATE0391	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/23/91-09/23/91	0	1	
GATE0398	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/24/66-05/02/72	6	12	
GATE0401	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/09/69-08/17/70	1	16	
GATE0407	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/26/66-08/23/66	0	8	
GATE0409	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/07/76-08/04/82	6	10	
GATE0410	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/17/75-07/26/77	1	9	
GATE0422	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/17/75-07/26/77	1	9	
GATE0437	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/16/75-07/26/77	1	8	
GATE0010	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/01/94-08/26/96	2	37	
GATE0012	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/28/94-08/26/96	2	36	
GATE0021	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/18/76-03/02/83	7	18	
GATE0030	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/14/76-05/26/82	6	37	
GATE0034	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/01/94-08/26/96	2	41	
GATE0038	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/14/76-08/11/86	10	26	
GATE0040	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/01/94-08/26/96	2	41	
GATE0043	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/01/94-08/26/96	2	41	
GATE0068	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/01/94-08/26/96	2	41	
GATE0082	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/01/94-08/26/96	2	42	
GATE0090	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/01/94-08/26/96	2	41	
GATE0093	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/18/76-03/02/83	7	27	
GATE0101	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/18/76-08/11/86	10	30	
GATE0102	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/14/76-03/15/82	5	19	
GATE0121	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/14/76-05/26/82	6	23	
GATE0132	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/01/94-08/26/96	2	40	
GATE0140	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/29/76-02/19/87	10	49	
GATE0144	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/11/82-03/02/83	0	2	
GATE0166	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/18/80-10/05/87	7	77	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 04/23/18 To 08/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GATE0168	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/11/78-09/30/81	3	7	
GATE0180	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/12/74-10/17/79	5	15	
GATE0206	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/07/77-09/07/77	0	1	
GATE0210	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/03/86-11/19/86	0	9	
GATE0211	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/03/86-11/19/86	0	9	
GATE0271	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/02/77-08/02/77	0	1	
GATE0295	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/25/76-07/26/78	1	5	
GATE0296	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/11/78-09/30/81	3	7	
GATE0299	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/28/81-10/05/87	6	70	
GATE0310	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/25/76-07/26/78	1	5	
GATE0313	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/18/80-08/19/80	0	7	
GATE0318	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/25/76-09/30/81	4	18	
GATE0358	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/76-02/20/87	10	66	
GATE0361	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/25/76-05/05/82	6	25	
GATE0369	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/14/76-08/26/85	9	21	
GATE0370	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/19/86-02/19/87	0	3	
GATE0391	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/23/91-09/23/91	0	1	
GATE0409	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/25/76-08/08/83	7	28	
GATE0122	Yes	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	03/03/66-07/25/66	0	10	
GATE0143	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	03/03/66-07/25/66	0	10	
GATE0163	Yes	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/11/66-08/22/67	1	2	
GATE0164	Yes	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/02/75-09/10/79	4	119	
GATE0168	Yes	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/27/73-09/30/81	7	170	
GATE0169	Yes	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/13/76-06/18/79	3	47	
GATE0180	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/08/77-10/17/79	2	6	
GATE0188	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	06/30/66-08/29/66	0	2	
GATE0246	Yes	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/13/76-04/23/79	3	54	
GATE0282	Yes	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/27/73-09/10/79	5	144	
GATE0295	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/25/76-07/26/78	1	5	
GATE0296	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/27/73-09/30/81	7	146	
GATE0299	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	03/02/66-01/23/68	1	6	
GATE0306	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/23/68-01/23/68	0	1	
GATE0310	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/25/76-07/26/78	1	5	
GATE0313	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	03/02/66-01/23/68	1	6	
GATE0318	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/25/76-09/30/81	4	18	
GATE0326	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/23/68-01/23/68	0	1	
GATE0337	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/23/68-04/29/68	0	3	
GATE0348	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/29/68-04/29/68	0	2	
GATE0352	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/26/66-03/20/68	2	7	
GATE0360	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/11/66-04/29/68	2	26	
GATE0373	Yes	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/26/66-03/20/68	2	7	
GATE0374	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	07/31/75-09/10/79	4	79	
GATE0381	Yes	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/23/68-01/23/68	0	1	
GATE0398	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/26/66-04/29/68	2	9	
GATE0401	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/10/66-01/19/70	4	174	
GATE0407	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/26/66-01/23/68	1	7	
GATE0022	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/03/66-08/24/66	0	12	
GATE0035	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/03/66-08/24/66	0	12	
GATE0096	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/03/66-08/24/66	0	12	
GATE0097	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/03/66-08/24/66	0	12	
GATE0104	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/03/66-08/24/66	0	12	
GATE0122	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/03/66-08/24/66	0	12	
GATE0143	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/03/66-08/24/66	0	12	
GATE0164	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/02/75-09/10/79	4	118	
GATE0168	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/27/73-09/30/81	7	170	
GATE0169	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/13/76-06/18/79	3	47	
GATE0180	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	09/12/74-10/17/79	5	10	
GATE0246	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/13/76-04/23/79	3	54	
GATE0279	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/29/64-07/29/64	0	1	
GATE0282	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/27/73-09/10/79	5	144	
GATE0296	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/27/73-09/30/81	7	146	
GATE0299	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/11/63-08/24/66	3	24	
GATE0313	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/04/64-08/24/66	1	17	
GATE0318	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/11/78-07/15/81	3	7	
GATE0337	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/16/64-07/09/68	4	15	
GATE0339	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/12/63-11/12/63	0	16	
GATE0348	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/16/64-07/09/68	4	5	
GATE0352	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/12/63-09/20/66	3	38	
GATE0360	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/05/63-07/09/68	5	95	
GATE0371	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/05/63-09/15/65	2	18	
GATE0373	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/27/63-09/20/66	3	62	
GATE0374	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/30/75-09/10/79	4	80	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 04/23/18 To 08/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GATE0377	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/04/64-07/29/64	0	2	
GATE0381	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	09/29/64-09/29/64	0	1	
GATE0394	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/04/64-07/29/64	0	2	
GATE0396	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/16/63-03/16/64	0	18	
GATE0398	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/16/64-07/09/68	4	26	
GATE0400	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	02/03/64-09/29/64	0	5	
GATE0401	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/26/64-05/08/67	2	264	
GATE0404	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/12/63-11/12/63	0	15	
GATE0407	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/04/64-08/23/66	2	11	
GATE0017	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/15/76-07/18/77	0	2	
GATE0021	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/29/76-09/06/83	7	19	
GATE0023	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/15/76-07/18/77	0	2	
GATE0030	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/22/76-05/26/82	5	36	
GATE0037	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/15/76-07/18/77	0	2	
GATE0038	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/22/76-08/11/86	10	24	
GATE0056	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/08/77-05/18/77	0	4	
GATE0059	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/15/76-07/18/77	0	2	
GATE0066	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/15/76-07/18/77	0	2	
GATE0071	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/08/77-05/18/77	0	4	
GATE0079	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/15/76-07/18/77	0	2	
GATE0092	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/15/76-07/18/77	0	2	
GATE0093	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/29/76-09/06/83	7	26	
GATE0099	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/15/76-07/18/77	0	2	
GATE0101	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/29/76-08/11/86	10	29	
GATE0102	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/22/76-03/15/82	5	19	
GATE0107	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/15/76-07/18/77	0	2	
GATE0109	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/17/75-07/18/77	1	8	
GATE0121	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/22/76-05/26/82	5	19	
GATE0129	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/08/77-05/18/77	0	4	
GATE0131	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/17/75-07/18/77	1	9	
GATE0140	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/29/76-02/19/87	10	49	
GATE0144	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/06/83-09/06/83	0	1	
GATE0148	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/17/75-07/18/77	1	6	
GATE0153	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/15/76-07/18/77	0	2	
GATE0159	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/09/77-05/19/77	0	6	
GATE0160	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/09/77-05/17/77	0	8	
GATE0166	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/11/80-10/05/87	7	78	
GATE0178	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/09/77-05/19/77	0	6	
GATE0201	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/17/72-04/17/72	0	1	
GATE0205	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/09/77-05/19/77	0	6	
GATE0206	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/07/77-09/07/77	0	1	
GATE0237	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/09/77-05/19/77	0	6	
GATE0257	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/16/75-07/26/77	1	9	
GATE0299	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/30/72-10/05/87	15	73	
GATE0313	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/30/72-08/19/80	8	11	
GATE0320	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/16/75-07/26/77	1	9	
GATE0337	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/27/72-06/06/72	0	2	
GATE0356	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/16/75-07/28/77	1	9	
GATE0358	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/29/76-02/20/87	10	65	
GATE0360	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/21/72-03/28/73	1	7	
GATE0361	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/07/76-05/05/82	5	23	
GATE0369	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/22/76-08/26/85	9	17	
GATE0370	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/19/86-02/19/87	0	3	
GATE0384	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/16/75-07/28/77	1	9	
GATE0391	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/23/91-09/23/91	0	1	
GATE0398	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/21/72-05/02/72	0	4	
GATE0401	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/10/70-04/05/71	1	24	
GATE0409	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/07/76-08/08/83	7	25	
GATE0410	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/17/75-07/26/77	1	9	
GATE0422	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/17/75-07/26/77	1	9	
GATE0437	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/16/75-07/26/77	1	8	
GATE0010	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/21/94-08/26/96	2	42	
GATE0012	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/26/94-08/26/96	2	32	
GATE0021	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/13/74-09/06/83	9	27	
GATE0030	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/13/74-05/26/82	7	38	
GATE0034	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/01/94-08/26/96	2	38	
GATE0038	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/13/74-08/11/86	11	37	
GATE0040	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/31/94-08/26/96	2	48	
GATE0043	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/31/94-08/26/96	2	48	
GATE0068	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/31/94-08/26/96	2	49	
GATE0082	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/31/94-08/26/96	2	46	
GATE0090	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/31/94-08/26/96	2	47	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 04/23/18 To 08/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GATE0093	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/13/74-09/06/83	9	36	
GATE0101	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/13/74-08/11/86	11	40	
GATE0102	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/13/74-03/15/82	7	32	
GATE0121	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/13/74-05/26/82	7	33	
GATE0132	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/31/94-08/26/96	2	45	
GATE0140	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/13/74-02/19/87	12	47	
GATE0144	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/02/83-09/06/83	0	2	
GATE0271	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/02/77-08/02/77	0	1	
GATE0346	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/16/74-06/19/74	0	9	
GATE0358	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/16/74-02/20/87	13	85	
GATE0361	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/21/74-05/05/82	7	34	
GATE0369	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/27/74-08/26/85	10	29	
GATE0370	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/19/86-02/19/87	0	3	
GATE0380	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/16/74-06/19/74	0	9	
GATE0385	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/16/74-06/19/74	0	9	
GATE0409	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/21/74-08/08/83	8	36	
GATE0021	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	12	66	
GATE0030	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/13/74-05/26/82	7	74	
GATE0038	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	12	86	
GATE0056	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/08/77-05/18/77	0	4	
GATE0071	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/08/77-09/06/82	5	6	
GATE0093	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	12	84	
GATE0101	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	12	89	
GATE0102	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-05/26/82	7	71	
GATE0121	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-05/26/82	7	76	
GATE0129	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/08/77-05/18/77	0	4	
GATE0140	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	12	85	
GATE0144	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/11/82-08/11/86	4	12	
GATE0145	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/23/83-08/23/83	0	1	
GATE0147	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/23/83-08/23/83	0	1	
GATE0159	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/09/77-05/19/77	0	6	
GATE0160	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/09/77-05/17/77	0	8	
GATE0168	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/15/81-09/30/81	0	2	
GATE0178	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/09/77-05/19/77	0	6	
GATE0188	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/30/66-06/30/66	0	3	
GATE0201	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/17/72-04/17/72	0	1	
GATE0205	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/09/77-05/19/77	0	6	
GATE0206	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/07/77-09/07/77	0	1	
GATE0237	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/09/77-05/19/77	0	6	
GATE0271	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/12/71-08/02/77	6	14	
GATE0285	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/12/71-08/02/77	6	14	
GATE0296	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/15/81-09/30/81	0	2	
GATE0299	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/07/69-12/14/72	3	18	
GATE0313	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/07/69-12/14/72	3	18	
GATE0318	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/15/81-09/30/81	0	2	
GATE0321	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/12/71-08/02/77	6	14	
GATE0337	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/29/68-12/14/72	4	22	
GATE0346	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/20/74-06/19/74	0	7	
GATE0348	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/29/68-07/09/68	0	4	
GATE0358	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/20/74-10/21/86	12	159	
GATE0360	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/20/68-03/28/73	5	60	
GATE0361	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/12/71-07/21/82	11	94	
GATE0369	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-09/29/86	12	72	
GATE0380	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/20/74-06/19/74	0	7	
GATE0385	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/20/74-06/19/74	0	7	
GATE0391	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/23/91-09/23/91	0	1	
GATE0398	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/29/68-03/28/73	4	44	
GATE0401	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/19/70-04/05/71	1	14	
GATE0409	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/07/74-03/24/86	11	90	
GATE0206	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/07/77-09/07/77	0	1	
GATE0021	No	00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	12	72	
GATE0030	Yes	00690	CARBON, TOTAL (MG/L AS C)	08/13/74-05/26/82	7	78	
GATE0038	Yes	00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	12	91	
GATE0093	Yes	00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	12	89	
GATE0101	Yes	00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	12	94	
GATE0102	Yes	00690	CARBON, TOTAL (MG/L AS C)	07/30/74-05/26/82	7	76	
GATE0121	No	00690	CARBON, TOTAL (MG/L AS C)	07/30/74-05/26/82	7	81	
GATE0140	No	00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	12	90	
GATE0144	No	00690	CARBON, TOTAL (MG/L AS C)	08/11/82-08/11/86	4	12	
GATE0271	No	00690	CARBON, TOTAL (MG/L AS C)	07/12/71-08/02/77	6	14	
GATE0285	No	00690	CARBON, TOTAL (MG/L AS C)	07/12/71-08/02/77	6	14	
GATE0321	No	00690	CARBON, TOTAL (MG/L AS C)	07/12/71-08/02/77	6	14	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 04/23/18 To 08/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GATE0346	No	00690	CARBON, TOTAL (MG/L AS C)	02/20/74-06/19/74	0	7	
GATE0358	No	00690	CARBON, TOTAL (MG/L AS C)	02/20/74-10/21/86	12	165	
GATE0361	No	00690	CARBON, TOTAL (MG/L AS C)	07/12/71-07/21/82	11	97	
GATE0369	No	00690	CARBON, TOTAL (MG/L AS C)	07/30/74-09/29/86	12	77	
GATE0380	No	00690	CARBON, TOTAL (MG/L AS C)	02/20/74-06/19/74	0	7	
GATE0385	Yes	00690	CARBON, TOTAL (MG/L AS C)	02/20/74-06/19/74	0	7	
GATE0409	No	00690	CARBON, TOTAL (MG/L AS C)	08/07/74-03/24/86	11	93	
GATE0206	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/07/77-09/07/77	0	1	
GATE0210	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/03/86-11/19/86	0	9	
GATE0211	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/03/86-11/19/86	0	16	
GATE0212	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/01/86-11/12/86	0	7	
GATE0401	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/64-09/03/68	3	173	
GATE0206	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/07/77-09/07/77	0	1	
GATE0337	No	00910	CALCIUM (MG/L AS CACO3)	07/09/68-07/09/68	0	2	
GATE0348	No	00910	CALCIUM (MG/L AS CACO3)	07/09/68-07/09/68	0	2	
GATE0360	No	00910	CALCIUM (MG/L AS CACO3)	07/09/68-07/09/68	0	2	
GATE0398	No	00910	CALCIUM (MG/L AS CACO3)	07/09/68-07/09/68	0	2	
GATE0206	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/07/77-09/07/77	0	1	
GATE0206	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	09/07/77-09/07/77	0	1	
GATE0206	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/07/77-09/07/77	0	1	
GATE0206	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	09/07/77-09/07/77	0	1	
GATE0206	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	09/07/77-09/07/77	0	1	
GATE0206	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/07/77-08/06/93	15	3	
GATE0206	Yes	00931	SODIUM ADSORPTION RATIO	09/07/77-09/07/77	0	1	
GATE0206	Yes	00932	SODIUM, PERCENT	09/07/77-09/07/77	0	1	
GATE0206	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/07/77-09/07/77	0	1	
GATE0206	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	09/07/77-09/07/77	0	1	
GATE0012	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	06/01/83-08/30/83	0	12	
GATE0014	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	04/22/65-04/22/65	0	2	
GATE0015	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/22/65-04/22/65	0	2	
GATE0016	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/22/65-04/22/65	0	2	
GATE0017	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	12/15/76-07/18/77	0	4	
GATE0018	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	06/01/83-08/30/83	0	12	
GATE0019	No	00940	CHLORIDE,TOTAL IN WATER MG/L	06/01/83-08/30/83	0	12	
GATE0020	No	00940	CHLORIDE,TOTAL IN WATER MG/L	11/07/73-01/08/74	0	4	
GATE0021	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/30/74-04/09/75	0	12	
GATE0022	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/22/65-08/24/66	1	14	
GATE0023	No	00940	CHLORIDE,TOTAL IN WATER MG/L	12/15/76-07/18/77	0	4	
GATE0024	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	04/22/65-04/22/65	0	2	
GATE0030	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/13/74-04/09/75	0	11	
GATE0035	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	04/22/65-08/24/66	1	14	
GATE0036	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	11/07/73-01/08/74	0	4	
GATE0037	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	12/15/76-07/18/77	0	4	
GATE0038	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/30/74-04/09/75	0	12	
GATE0049	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	06/01/83-08/30/83	0	12	
GATE0052	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/22/65-04/22/65	0	2	
GATE0056	No	00940	CHLORIDE,TOTAL IN WATER MG/L	05/18/77-05/18/77	0	2	
GATE0058	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	06/01/83-08/30/83	0	12	
GATE0059	No	00940	CHLORIDE,TOTAL IN WATER MG/L	12/15/76-07/18/77	0	4	
GATE0061	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	06/01/83-08/30/83	0	12	
GATE0064	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	04/22/65-04/22/65	0	2	
GATE0066	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	12/15/76-07/18/77	0	4	
GATE0067	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/22/65-04/22/65	0	2	
GATE0071	No	00940	CHLORIDE,TOTAL IN WATER MG/L	05/18/77-05/18/77	0	2	
GATE0073	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	04/22/65-04/22/65	0	2	
GATE0074	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	06/01/83-08/25/83	0	10	
GATE0076	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	04/22/65-04/22/65	0	2	
GATE0077	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	04/22/65-04/22/65	0	2	
GATE0079	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	12/15/76-07/18/77	0	4	
GATE0081	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	04/22/65-04/22/65	0	2	
GATE0090	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	06/01/83-08/30/83	0	12	
GATE0092	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	12/15/76-07/18/77	0	4	
GATE0093	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/30/74-04/09/75	0	12	
GATE0095	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	11/07/73-01/08/74	0	4	
GATE0096	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	04/22/65-08/24/66	1	14	
GATE0097	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	03/03/66-08/24/66	0	12	
GATE0098	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	11/07/73-01/08/74	0	4	
GATE0099	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	12/15/76-07/18/77	0	4	
GATE0101	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/30/74-04/09/75	0	12	
GATE0102	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/30/74-04/09/75	0	12	
GATE0103	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	11/07/73-01/08/74	0	4	
GATE0104	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	04/22/65-08/24/66	1	14	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 04/23/18 To 08/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GATE0105	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	04/22/65-04/22/65	0	2	
GATE0106	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	06/01/83-08/30/83	0	12	
GATE0107	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	12/15/76-07/18/77	0	4	
GATE0109	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/01/75-07/18/77	1	11	
GATE0119	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	06/01/83-08/25/83	0	10	
GATE0121	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/30/74-04/09/75	0	13	
GATE0122	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	03/03/66-08/24/66	0	12	
GATE0124	No	00940	CHLORIDE,TOTAL IN WATER MG/L	11/07/73-01/08/74	0	4	
GATE0129	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	05/18/77-05/18/77	0	2	
GATE0131	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/24/75-07/18/77	1	11	
GATE0132	No	00940	CHLORIDE,TOTAL IN WATER MG/L	06/01/83-08/23/83	0	12	
GATE0138	No	00940	CHLORIDE,TOTAL IN WATER MG/L	11/07/73-01/08/74	0	4	
GATE0140	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/30/74-04/09/75	0	11	
GATE0143	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/03/66-08/24/66	0	12	
GATE0148	No	00940	CHLORIDE,TOTAL IN WATER MG/L	12/16/76-07/18/77	0	8	
GATE0153	No	00940	CHLORIDE,TOTAL IN WATER MG/L	12/15/76-07/18/77	0	4	
GATE0159	No	00940	CHLORIDE,TOTAL IN WATER MG/L	05/19/77-05/19/77	0	2	
GATE0160	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	05/17/77-05/17/77	0	2	
GATE0163	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/11/66-08/22/67	1	4	
GATE0164	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	01/02/75-09/10/79	4	116	
GATE0166	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	06/11/80-09/24/81	1	15	
GATE0168	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	11/27/73-09/30/81	7	164	
GATE0169	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	04/13/76-06/18/79	3	46	
GATE0178	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	05/19/77-05/19/77	0	2	
GATE0180	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/02/79-10/17/79	0	3	
GATE0188	No	00940	CHLORIDE,TOTAL IN WATER MG/L	06/30/66-08/29/66	0	6	
GATE0205	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	05/19/77-05/19/77	0	2	
GATE0206	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/07/77-08/06/93	15	3	
GATE0237	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	05/19/77-05/19/77	0	2	
GATE0241	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/29/67-05/22/75	7	11	
GATE0246	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	04/13/76-04/23/79	3	52	
GATE0257	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/23/75-07/26/77	1	13	
GATE0271	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/12/71-07/22/71	0	15	
GATE0279	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/23/64-07/29/64	0	2	
GATE0282	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	11/27/73-09/10/79	5	141	
GATE0285	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/12/71-07/22/71	0	14	
GATE0296	No	00940	CHLORIDE,TOTAL IN WATER MG/L	11/27/73-09/30/81	7	142	
GATE0299	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/14/62-09/24/81	19	86	
GATE0306	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/07/62-06/01/67	4	61	
GATE0313	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/07/62-08/19/80	18	95	
GATE0318	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/11/78-09/30/81	3	8	
GATE0320	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/23/75-07/26/77	1	13	
GATE0321	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/12/71-07/22/71	0	15	
GATE0326	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/07/62-06/01/67	4	63	
GATE0336	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/16/74-06/19/74	0	9	
GATE0337	No	00940	CHLORIDE,TOTAL IN WATER MG/L	02/13/63-12/14/72	9	82	
GATE0339	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/12/63-11/12/63	0	15	
GATE0342	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/14/62-03/23/64	1	27	
GATE0346	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/16/74-06/19/74	0	9	
GATE0347	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/31/62-11/06/62	0	8	
GATE0348	No	00940	CHLORIDE,TOTAL IN WATER MG/L	02/13/63-04/29/68	5	63	
GATE0352	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/01/62-09/20/66	4	59	
GATE0356	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/23/75-07/28/77	1	13	
GATE0358	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/16/74-10/01/75	1	52	
GATE0360	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/01/62-03/28/73	10	187	
GATE0361	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/12/71-10/01/75	4	28	
GATE0365	No	00940	CHLORIDE,TOTAL IN WATER MG/L	11/08/73-01/08/74	0	4	
GATE0369	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/16/74-04/09/75	1	21	
GATE0371	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/07/62-09/15/65	3	68	
GATE0373	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/01/62-09/20/66	4	84	
GATE0374	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/31/75-09/10/79	4	73	
GATE0377	No	00940	CHLORIDE,TOTAL IN WATER MG/L	06/04/64-07/29/64	0	2	
GATE0380	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/16/74-06/19/74	0	9	
GATE0381	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	02/13/63-06/01/67	4	31	
GATE0384	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/23/75-07/28/77	1	13	
GATE0385	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	01/16/74-06/19/74	0	9	
GATE0387	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/16/74-06/19/74	0	9	
GATE0389	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	10/31/62-11/06/62	0	12	
GATE0391	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/07/62-03/23/64	1	87	
GATE0394	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	03/23/64-07/29/64	0	3	
GATE0395	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/16/74-06/19/74	0	9	
GATE0396	No	00940	CHLORIDE,TOTAL IN WATER MG/L	06/16/63-06/05/67	3	19	

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Station/Parameter Period of Record Tabulation
From 04/23/18 To 08/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GATE0398	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/16/64-03/28/73	9	47	
GATE0400	No	00940	CHLORIDE,TOTAL IN WATER MG/L	02/13/63-09/15/65	2	68	
GATE0401	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/29/64-03/08/71	6	473	
GATE0403	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	06/09/83-08/25/83	0	9	
GATE0404	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/12/63-11/12/63	0	15	
GATE0405	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/16/74-06/19/74	0	9	
GATE0407	No	00940	CHLORIDE,TOTAL IN WATER MG/L	02/13/63-06/01/67	4	41	
GATE0409	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/07/74-10/01/75	1	12	
GATE0410	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/24/75-07/26/77	1	11	
GATE0412	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	06/09/83-08/25/83	0	9	
GATE0415	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/23/64-03/23/64	0	1	
GATE0416	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	06/09/83-08/25/83	0	9	
GATE0419	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/23/64-03/23/64	0	1	
GATE0422	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/24/75-07/26/77	1	11	
GATE0423	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	06/09/83-08/25/83	0	9	
GATE0425	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	06/09/83-08/25/83	0	9	
GATE0428	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	06/09/83-08/25/83	0	9	
GATE0432	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	06/09/83-08/18/83	0	8	
GATE0436	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/23/64-03/23/64	0	1	
GATE0437	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/23/75-07/26/77	1	13	
GATE0439	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/23/64-03/23/64	0	1	
GATE0168	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/11/78-09/30/81	3	7	
GATE0180	No	00945	SULFATE, TOTAL (MG/L AS SO4)	07/02/79-10/17/79	0	3	
GATE0206	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/07/77-09/07/77	0	1	
GATE0296	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/11/78-09/30/81	3	7	
GATE0318	No	00945	SULFATE, TOTAL (MG/L AS SO4)	07/11/78-09/30/81	3	8	
GATE0401	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/26/64-09/22/69	4	166	
GATE0206	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/07/77-09/07/77	0	1	
GATE0206	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	09/07/77-09/07/77	0	1	
GATE0206	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/07/77-09/07/77	0	1	
GATE0056	No	00956	SILICA, TOTAL (MG/L AS SI02)	03/08/77-05/18/77	0	4	
GATE0071	No	00956	SILICA, TOTAL (MG/L AS SI02)	03/08/77-05/18/77	0	4	
GATE0129	Yes	00956	SILICA, TOTAL (MG/L AS SI02)	03/08/77-05/18/77	0	4	
GATE0159	No	00956	SILICA, TOTAL (MG/L AS SI02)	03/09/77-05/19/77	0	6	
GATE0160	Yes	00956	SILICA, TOTAL (MG/L AS SI02)	03/09/77-05/17/77	0	8	
GATE0164	Yes	00956	SILICA, TOTAL (MG/L AS SI02)	01/31/79-09/10/79	0	10	
GATE0166	Yes	00956	SILICA, TOTAL (MG/L AS SI02)	06/11/80-08/19/80	0	9	
GATE0168	Yes	00956	SILICA, TOTAL (MG/L AS SI02)	01/31/79-09/10/79	0	14	
GATE0169	Yes	00956	SILICA, TOTAL (MG/L AS SI02)	01/31/79-06/18/79	0	6	
GATE0178	Yes	00956	SILICA, TOTAL (MG/L AS SI02)	03/09/77-05/19/77	0	6	
GATE0205	Yes	00956	SILICA, TOTAL (MG/L AS SI02)	03/09/77-05/19/77	0	6	
GATE0237	Yes	00956	SILICA, TOTAL (MG/L AS SI02)	03/09/77-05/19/77	0	6	
GATE0246	Yes	00956	SILICA, TOTAL (MG/L AS SI02)	01/31/79-04/23/79	0	3	
GATE0282	Yes	00956	SILICA, TOTAL (MG/L AS SI02)	01/31/79-09/10/79	0	13	
GATE0296	No	00956	SILICA, TOTAL (MG/L AS SI02)	01/31/79-05/30/79	0	5	
GATE0313	No	00956	SILICA, TOTAL (MG/L AS SI02)	06/11/80-08/19/80	0	8	
GATE0374	No	00956	SILICA, TOTAL (MG/L AS SI02)	01/31/79-09/10/79	0	14	
GATE0211	No	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	07/11/84-11/12/86	2	14	
GATE0211	No	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	06/14/84-11/12/86	2	8	
GATE0211	No	00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	06/14/84-05/29/86	1	12	
GATE0211	No	00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	06/14/84-11/12/86	2	19	
GATE0021	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	02/18/76-05/09/79	3	2	
GATE0030	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	04/23/79-04/23/79	0	1	
GATE0038	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	04/23/79-04/23/79	0	1	
GATE0093	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	02/18/76-05/09/79	3	2	
GATE0101	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	02/18/76-05/09/79	3	2	
GATE0102	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	04/23/79-04/23/79	0	1	
GATE0121	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	04/23/79-04/23/79	0	1	
GATE0140	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/09/79-05/09/79	0	1	
GATE0358	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	02/18/76-05/09/79	3	3	
GATE0361	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	02/25/76-05/02/79	3	2	
GATE0369	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	04/23/79-04/23/79	0	1	
GATE0409	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	02/25/76-05/02/79	3	2	
GATE0021	No	01002	ARSENIC, TOTAL (UG/L AS AS)	02/18/76-08/11/86	10	10	
GATE0030	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	12/10/75-07/08/81	5	6	
GATE0038	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	12/10/75-08/11/86	10	14	
GATE0071	No	01002	ARSENIC, TOTAL (UG/L AS AS)	12/03/81-12/03/81	0	2	
GATE0093	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	02/18/76-08/11/86	10	13	
GATE0101	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	02/18/76-08/11/86	10	14	
GATE0102	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	12/10/75-07/22/81	5	7	
GATE0121	No	01002	ARSENIC, TOTAL (UG/L AS AS)	12/10/75-07/08/81	5	6	
GATE0140	No	01002	ARSENIC, TOTAL (UG/L AS AS)	05/09/79-02/19/87	7	19	

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Station/Parameter Period of Record Tabulation
From 04/23/18 To 08/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GATE0144	No	01002	ARSENIC, TOTAL (UG/L AS AS)	08/11/82-08/11/86	4	7	
GATE0168	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	09/11/78-09/30/81	3	7	
GATE0180	No	01002	ARSENIC, TOTAL (UG/L AS AS)	07/02/79-10/17/79	0	3	
GATE0201	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	04/17/72-04/17/72	0	1	
GATE0206	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	09/07/77-09/07/77	0	1	
GATE0212	No	01002	ARSENIC, TOTAL (UG/L AS AS)	07/11/84-11/12/86	2	14	
GATE0296	No	01002	ARSENIC, TOTAL (UG/L AS AS)	09/11/78-09/30/81	3	6	
GATE0318	No	01002	ARSENIC, TOTAL (UG/L AS AS)	08/08/77-09/30/81	4	14	
GATE0358	No	01002	ARSENIC, TOTAL (UG/L AS AS)	12/03/75-02/20/87	11	20	
GATE0360	No	01002	ARSENIC, TOTAL (UG/L AS AS)	03/21/72-05/02/72	0	4	
GATE0361	No	01002	ARSENIC, TOTAL (UG/L AS AS)	02/25/76-07/01/81	5	6	
GATE0369	No	01002	ARSENIC, TOTAL (UG/L AS AS)	12/10/75-03/24/86	10	9	
GATE0370	No	01002	ARSENIC, TOTAL (UG/L AS AS)	08/19/86-02/19/87	0	5	
GATE0391	No	01002	ARSENIC, TOTAL (UG/L AS AS)	09/23/91-09/23/91	0	1	
GATE0398	No	01002	ARSENIC, TOTAL (UG/L AS AS)	05/02/72-05/02/72	0	2	
GATE0409	No	01002	ARSENIC, TOTAL (UG/L AS AS)	02/25/76-03/24/86	10	11	
GATE0009	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	05/15/75-05/15/75	0	1	
GATE0031	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	05/15/75-05/15/75	0	1	
GATE0056	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	07/11/74-09/23/74	0	3	
GATE0065	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	05/15/75-05/15/75	0	1	
GATE0071	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	07/11/74-10/16/85	11	4	
GATE0080	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	05/15/75-05/15/75	0	1	
GATE0091	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	05/15/75-05/15/75	0	1	
GATE0108	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	05/15/75-05/15/75	0	1	
GATE0114	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	05/15/75-05/15/75	0	1	
GATE0129	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	07/11/74-09/23/74	0	3	
GATE0133	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	05/15/75-05/15/75	0	1	
GATE0141	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	05/15/75-05/15/75	0	1	
GATE0142	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	05/15/75-05/15/75	0	1	
GATE0151	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	05/16/74-05/16/74	0	1	
GATE0159	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	07/10/74-09/12/74	0	3	
GATE0160	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/30/74-09/12/74	0	4	
GATE0176	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	09/15/77-09/15/77	0	1	
GATE0178	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	07/10/74-09/12/74	0	3	
GATE0205	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/30/74-09/12/74	0	4	
GATE0234	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	05/16/77-05/16/77	0	1	
GATE0237	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/30/74-09/12/74	0	4	
GATE0281	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	09/15/77-09/15/77	0	1	
GATE0309	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	08/15/74-08/15/74	0	1	
GATE0315	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	08/15/74-08/15/74	0	1	
GATE0316	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	08/15/74-08/15/74	0	1	
GATE0327	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	08/15/74-08/15/74	0	1	
GATE0328	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	08/15/74-08/15/74	0	1	
GATE0357	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	09/14/77-09/14/77	0	1	
GATE0363	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/18/77-04/18/77	0	1	
GATE0368	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	05/25/77-05/25/77	0	1	
GATE0392	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	09/15/77-09/15/77	0	1	
GATE0072	Yes	01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	07/18/78-07/18/78	0	4	
GATE0071	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	12/03/81-12/03/81	0	2	
GATE0212	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	06/14/84-11/12/86	2	19	
GATE0391	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	09/23/91-09/23/91	0	1	
GATE0021	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	02/18/76-11/14/79	3	13	
GATE0030	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	04/14/76-02/22/82	5	16	
GATE0038	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	04/14/76-03/15/82	5	16	
GATE0093	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	02/18/76-02/22/82	6	17	
GATE0101	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	02/18/76-03/15/82	6	18	
GATE0102	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	04/14/76-03/15/82	5	16	
GATE0121	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	04/14/76-02/22/82	5	17	
GATE0140	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/29/76-03/15/82	5	18	
GATE0271	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/02/77-08/02/77	0	1	
GATE0285	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/02/77-08/02/77	0	1	
GATE0321	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/02/77-08/02/77	0	1	
GATE0358	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	02/18/76-02/22/82	6	32	
GATE0361	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	02/25/76-07/01/81	5	17	
GATE0369	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	04/14/76-09/13/79	3	13	
GATE0409	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	02/25/76-02/24/82	5	17	
GATE0017	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	12/15/76-12/15/76	0	1	
GATE0021	No	01027	CADMIUM, TOTAL (UG/L AS CD)	08/13/74-08/11/86	11	30	
GATE0030	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	08/13/74-02/22/82	7	27	
GATE0037	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	12/15/76-12/15/76	0	1	
GATE0038	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	08/13/74-08/11/86	11	33	
GATE0059	No	01027	CADMIUM, TOTAL (UG/L AS CD)	12/15/76-12/15/76	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 04/23/18 To 08/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GATE0066	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	12/15/76-12/15/76	0	1	
GATE0071	No	01027	CADMIUM, TOTAL (UG/L AS CD)	12/03/81-12/03/81	0	2	
GATE0079	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	12/15/76-12/15/76	0	1	
GATE0092	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	12/15/76-12/15/76	0	1	
GATE0093	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	08/13/74-08/11/86	11	35	
GATE0099	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	12/15/76-12/15/76	0	1	
GATE0101	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	08/13/74-08/11/86	11	35	
GATE0102	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	08/13/74-03/15/82	7	27	
GATE0107	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	12/15/76-12/15/76	0	1	
GATE0109	No	01027	CADMIUM, TOTAL (UG/L AS CD)	12/06/76-12/06/76	0	1	
GATE0121	No	01027	CADMIUM, TOTAL (UG/L AS CD)	08/13/74-02/22/82	7	27	
GATE0131	No	01027	CADMIUM, TOTAL (UG/L AS CD)	12/06/76-12/06/76	0	1	
GATE0140	No	01027	CADMIUM, TOTAL (UG/L AS CD)	08/13/74-02/19/87	12	41	
GATE0144	No	01027	CADMIUM, TOTAL (UG/L AS CD)	08/11/82-08/11/86	4	7	
GATE0153	No	01027	CADMIUM, TOTAL (UG/L AS CD)	12/15/76-12/15/76	0	1	
GATE0168	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	09/11/78-09/30/81	3	6	
GATE0180	No	01027	CADMIUM, TOTAL (UG/L AS CD)	09/12/74-10/17/79	5	15	
GATE0206	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	09/07/77-09/07/77	0	1	
GATE0212	No	01027	CADMIUM, TOTAL (UG/L AS CD)	06/14/84-11/12/86	2	17	
GATE0257	No	01027	CADMIUM, TOTAL (UG/L AS CD)	12/09/76-12/09/76	0	1	
GATE0271	No	01027	CADMIUM, TOTAL (UG/L AS CD)	07/12/71-08/02/77	6	8	
GATE0285	No	01027	CADMIUM, TOTAL (UG/L AS CD)	07/12/71-08/02/77	6	8	
GATE0295	No	01027	CADMIUM, TOTAL (UG/L AS CD)	10/25/76-07/26/78	1	5	
GATE0296	No	01027	CADMIUM, TOTAL (UG/L AS CD)	09/11/78-09/30/81	3	5	
GATE0299	No	01027	CADMIUM, TOTAL (UG/L AS CD)	02/17/71-02/17/71	0	1	
GATE0310	No	01027	CADMIUM, TOTAL (UG/L AS CD)	10/25/76-07/26/78	1	5	
GATE0318	No	01027	CADMIUM, TOTAL (UG/L AS CD)	10/25/76-09/30/81	4	17	
GATE0320	No	01027	CADMIUM, TOTAL (UG/L AS CD)	12/17/76-12/17/76	0	1	
GATE0321	No	01027	CADMIUM, TOTAL (UG/L AS CD)	07/12/71-08/02/77	6	8	
GATE0346	No	01027	CADMIUM, TOTAL (UG/L AS CD)	01/16/74-06/19/74	0	9	
GATE0356	No	01027	CADMIUM, TOTAL (UG/L AS CD)	12/14/76-12/14/76	0	1	
GATE0358	No	01027	CADMIUM, TOTAL (UG/L AS CD)	01/16/74-02/20/87	13	70	
GATE0360	No	01027	CADMIUM, TOTAL (UG/L AS CD)	02/18/71-03/28/73	2	4	
GATE0361	No	01027	CADMIUM, TOTAL (UG/L AS CD)	07/12/71-07/01/81	9	32	
GATE0369	No	01027	CADMIUM, TOTAL (UG/L AS CD)	08/27/74-03/24/86	11	28	
GATE0370	No	01027	CADMIUM, TOTAL (UG/L AS CD)	08/19/86-02/19/87	0	5	
GATE0380	No	01027	CADMIUM, TOTAL (UG/L AS CD)	01/16/74-06/19/74	0	8	
GATE0384	No	01027	CADMIUM, TOTAL (UG/L AS CD)	12/14/76-12/14/76	0	1	
GATE0385	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	01/16/74-06/19/74	0	9	
GATE0391	No	01027	CADMIUM, TOTAL (UG/L AS CD)	09/23/91-09/23/91	0	1	
GATE0401	No	01027	CADMIUM, TOTAL (UG/L AS CD)	01/19/70-01/19/70	0	1	
GATE0409	No	01027	CADMIUM, TOTAL (UG/L AS CD)	08/21/74-03/24/86	11	32	
GATE0410	No	01027	CADMIUM, TOTAL (UG/L AS CD)	12/09/76-12/09/76	0	1	
GATE0422	No	01027	CADMIUM, TOTAL (UG/L AS CD)	12/09/76-12/09/76	0	1	
GATE0437	No	01027	CADMIUM, TOTAL (UG/L AS CD)	12/17/76-12/17/76	0	1	
GATE0009	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/15/75-05/15/75	0	1	
GATE0031	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/15/75-05/15/75	0	1	
GATE0056	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/11/74-03/24/76	1	7	
GATE0065	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/15/75-05/15/75	0	1	
GATE0071	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/11/74-09/03/88	14	11	
GATE0080	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/15/75-05/15/75	0	1	
GATE0091	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/15/75-05/15/75	0	1	
GATE0108	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/15/75-05/15/75	0	1	
GATE0114	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/15/75-05/15/75	0	1	
GATE0129	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/11/74-03/24/76	1	6	
GATE0133	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/15/75-05/15/75	0	1	
GATE0141	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/15/75-05/15/75	0	1	
GATE0142	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/15/75-05/15/75	0	1	
GATE0145	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	01/14/87-01/14/87	0	1	
GATE0147	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	01/14/87-09/04/88	1	2	
GATE0151	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/16/74-05/16/74	0	1	
GATE0159	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/10/74-09/01/76	2	9	
GATE0160	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/30/74-05/17/77	3	11	
GATE0176	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/15/77-09/15/77	0	1	
GATE0178	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/10/74-09/01/76	2	9	
GATE0205	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/30/74-09/01/76	2	10	
GATE0234	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/16/77-05/16/77	0	1	
GATE0237	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/30/74-09/01/76	2	9	
GATE0281	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/15/77-09/15/77	0	1	
GATE0288	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	0	2	
GATE0300	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	0	2	
GATE0307	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	0	2	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 04/23/18 To 08/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GATE0309	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/15/74-08/15/74	0	1	
GATE0315	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/15/74-08/15/74	0	1	
GATE0316	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/15/74-08/15/74	0	1	
GATE0317	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	0	2	
GATE0324	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	0	2	
GATE0327	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/15/74-08/15/74	0	1	
GATE0328	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/15/74-08/15/74	0	1	
GATE0330	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	0	2	
GATE0343	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	0	2	
GATE0345	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	0	2	
GATE0355	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	0	2	
GATE0357	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/14/77-09/14/77	0	1	
GATE0363	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/18/77-04/18/77	0	1	
GATE0367	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	0	2	
GATE0368	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/25/77-05/25/77	0	1	
GATE0376	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	0	2	
GATE0388	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	0	2	
GATE0392	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/15/77-09/15/77	0	1	
GATE0399	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	0	2	
GATE0406	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/01/73-05/01/73	0	1	
GATE0408	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	0	2	
GATE0417	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	0	2	
GATE0435	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/01/73-05/01/73	0	1	
GATE0438	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	0	2	
GATE0009	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/15/75-05/15/75	0	1	
GATE0031	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/15/75-05/15/75	0	1	
GATE0056	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/11/74-03/24/76	1	8	
GATE0065	Yes	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/15/75-05/15/75	0	1	
GATE0071	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/11/74-09/03/88	14	12	
GATE0080	Yes	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/15/75-05/15/75	0	1	
GATE0091	Yes	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/15/75-05/15/75	0	1	
GATE0108	Yes	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/15/75-05/15/75	0	1	
GATE0114	Yes	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/15/75-05/15/75	0	1	
GATE0129	Yes	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/11/74-03/24/76	1	7	
GATE0133	Yes	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/15/75-05/15/75	0	1	
GATE0141	Yes	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/15/75-05/15/75	0	1	
GATE0142	Yes	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/15/75-05/15/75	0	1	
GATE0145	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	01/14/87-01/14/87	0	1	
GATE0147	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	01/14/87-09/04/88	1	2	
GATE0151	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/16/74-05/16/74	0	1	
GATE0159	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/10/74-09/01/76	2	10	
GATE0160	Yes	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/30/74-05/17/77	3	12	
GATE0176	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/15/77-09/15/77	0	1	
GATE0178	Yes	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/10/74-09/01/76	2	10	
GATE0205	Yes	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/30/74-09/01/76	2	11	
GATE0234	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/16/77-05/16/77	0	1	
GATE0237	Yes	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/30/74-09/01/76	2	10	
GATE0281	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/15/77-09/15/77	0	1	
GATE0288	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	0	2	
GATE0300	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	0	2	
GATE0307	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	0	2	
GATE0309	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/15/74-08/15/74	0	1	
GATE0315	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/15/74-08/15/74	0	1	
GATE0316	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/15/74-08/15/74	0	1	
GATE0317	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	0	2	
GATE0324	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	0	2	
GATE0327	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/15/74-08/15/74	0	1	
GATE0328	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/15/74-08/15/74	0	1	
GATE0330	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	0	2	
GATE0343	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	0	2	
GATE0345	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	0	2	
GATE0355	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	0	2	
GATE0357	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/14/77-09/14/77	0	1	
GATE0363	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/18/77-04/18/77	0	1	
GATE0367	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	0	2	
GATE0368	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/25/77-05/25/77	0	1	
GATE0376	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	0	2	
GATE0388	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	0	2	
GATE0392	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/15/77-09/15/77	0	1	
GATE0399	Yes	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	0	2	
GATE0406	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/01/73-05/01/73	0	1	
GATE0408	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	0	2	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 04/23/18 To 08/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GATE0417	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	0	2	
GATE0435	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/01/73-05/01/73	0	1	
GATE0438	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	0	2	
GATE0021	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	02/18/76-11/14/79	3	13	
GATE0030	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	04/14/76-02/22/82	5	16	
GATE0038	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	04/14/76-03/15/82	5	16	
GATE0093	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	02/18/76-02/22/82	6	18	
GATE0101	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	02/18/76-03/15/82	6	18	
GATE0102	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	04/14/76-03/15/82	5	16	
GATE0121	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	04/14/76-02/22/82	5	17	
GATE0140	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/29/76-03/15/82	5	18	
GATE0271	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/02/77-08/02/77	0	1	
GATE0285	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/02/77-08/02/77	0	1	
GATE0321	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/02/77-08/02/77	0	1	
GATE0358	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	02/18/76-02/22/82	6	32	
GATE0361	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	02/25/76-07/01/81	5	17	
GATE0369	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	04/14/76-09/13/79	3	13	
GATE0409	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	02/25/76-02/24/82	5	18	
GATE0017	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	12/15/76-12/15/76	0	1	
GATE0021	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	08/13/74-08/11/86	11	31	
GATE0030	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	08/13/74-02/22/82	7	27	
GATE0037	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	12/15/76-12/15/76	0	1	
GATE0038	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	08/13/74-08/11/86	11	34	
GATE0059	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	12/15/76-12/15/76	0	1	
GATE0066	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	12/15/76-12/15/76	0	1	
GATE0071	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	12/03/81-12/03/81	0	2	
GATE0079	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	12/15/76-12/15/76	0	1	
GATE0092	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	12/15/76-12/15/76	0	1	
GATE0093	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	08/13/74-08/11/86	11	35	
GATE0099	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	12/15/76-12/15/76	0	1	
GATE0101	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	08/13/74-08/11/86	11	36	
GATE0102	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	08/13/74-03/15/82	7	28	
GATE0107	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	12/15/76-12/15/76	0	1	
GATE0109	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	12/06/76-12/06/76	0	1	
GATE0121	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	08/13/74-02/22/82	7	27	
GATE0131	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	12/06/76-12/06/76	0	1	
GATE0140	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	08/13/74-02/19/87	12	42	
GATE0144	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	08/11/82-08/11/86	4	6	
GATE0153	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	12/15/76-12/15/76	0	1	
GATE0168	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	09/11/78-09/30/81	3	7	
GATE0180	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	09/12/74-10/17/79	5	14	
GATE0201	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	04/17/72-04/17/72	0	1	
GATE0206	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	09/07/77-09/07/77	0	1	
GATE0212	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	06/14/84-11/12/86	2	19	
GATE0257	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	12/09/76-12/09/76	0	1	
GATE0271	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/12/71-08/02/77	6	8	
GATE0285	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/12/71-08/02/77	6	8	
GATE0295	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/25/76-07/26/78	1	5	
GATE0296	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	09/11/78-09/30/81	3	6	
GATE0299	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	02/17/71-02/17/71	0	1	
GATE0310	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/25/76-07/26/78	1	5	
GATE0318	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/25/76-09/30/81	4	18	
GATE0320	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	12/17/76-12/17/76	0	1	
GATE0321	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/12/71-08/02/77	6	8	
GATE0346	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	01/16/74-06/19/74	0	9	
GATE0356	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	12/14/76-12/14/76	0	1	
GATE0358	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	01/16/74-02/20/87	13	74	
GATE0360	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	02/18/71-05/02/72	1	5	
GATE0361	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/12/71-07/01/81	9	33	
GATE0369	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	08/27/74-03/24/86	11	27	
GATE0370	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	08/19/86-02/19/87	0	5	
GATE0380	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	01/16/74-06/19/74	0	8	
GATE0384	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	12/14/76-12/14/76	0	1	
GATE0385	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	01/16/74-06/19/74	0	9	
GATE0391	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	09/23/91-09/23/91	0	1	
GATE0398	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	05/02/72-05/02/72	0	2	
GATE0401	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	01/19/70-01/19/70	0	1	
GATE0409	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	08/21/74-03/24/86	11	33	
GATE0410	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	12/09/76-12/09/76	0	1	
GATE0422	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	12/09/76-12/09/76	0	1	
GATE0437	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	12/17/76-12/17/76	0	1	
GATE0021	No	01035	COBALT, DISSOLVED (UG/L AS CO)	02/18/76-11/14/79	3	7	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 04/23/18 To 08/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GATE0030	Yes	01035	COBALT, DISSOLVED (UG/L AS CO)	07/22/76-02/22/82	5	11	
GATE0038	Yes	01035	COBALT, DISSOLVED (UG/L AS CO)	07/22/76-03/15/82	5	10	
GATE0093	Yes	01035	COBALT, DISSOLVED (UG/L AS CO)	02/18/76-02/22/82	6	12	
GATE0101	Yes	01035	COBALT, DISSOLVED (UG/L AS CO)	02/18/76-03/15/82	6	12	
GATE0102	Yes	01035	COBALT, DISSOLVED (UG/L AS CO)	03/09/77-03/15/82	5	10	
GATE0121	No	01035	COBALT, DISSOLVED (UG/L AS CO)	07/22/76-02/22/82	5	11	
GATE0140	No	01035	COBALT, DISSOLVED (UG/L AS CO)	07/28/76-03/15/82	5	12	
GATE0358	No	01035	COBALT, DISSOLVED (UG/L AS CO)	02/18/76-02/22/82	6	19	
GATE0361	No	01035	COBALT, DISSOLVED (UG/L AS CO)	02/25/76-07/01/81	5	11	
GATE0369	No	01035	COBALT, DISSOLVED (UG/L AS CO)	07/22/76-09/13/79	3	6	
GATE0409	No	01035	COBALT, DISSOLVED (UG/L AS CO)	02/25/76-02/24/82	5	13	
GATE0021	No	01037	COBALT, TOTAL (UG/L AS CO)	12/18/74-03/02/83	8	13	
GATE0030	Yes	01037	COBALT, TOTAL (UG/L AS CO)	12/05/74-02/22/82	7	15	
GATE0038	Yes	01037	COBALT, TOTAL (UG/L AS CO)	12/05/74-03/02/83	8	17	
GATE0093	Yes	01037	COBALT, TOTAL (UG/L AS CO)	12/18/74-03/02/83	8	19	
GATE0101	Yes	01037	COBALT, TOTAL (UG/L AS CO)	12/18/74-03/02/83	8	18	
GATE0102	Yes	01037	COBALT, TOTAL (UG/L AS CO)	12/05/74-03/15/82	7	15	
GATE0121	No	01037	COBALT, TOTAL (UG/L AS CO)	12/05/74-02/22/82	7	15	
GATE0140	No	01037	COBALT, TOTAL (UG/L AS CO)	12/18/74-03/02/83	8	19	
GATE0144	No	01037	COBALT, TOTAL (UG/L AS CO)	08/11/82-03/02/83	0	2	
GATE0206	Yes	01037	COBALT, TOTAL (UG/L AS CO)	09/07/77-09/07/77	0	1	
GATE0358	No	01037	COBALT, TOTAL (UG/L AS CO)	11/06/74-08/04/82	7	27	
GATE0361	No	01037	COBALT, TOTAL (UG/L AS CO)	07/02/75-07/01/81	5	14	
GATE0369	No	01037	COBALT, TOTAL (UG/L AS CO)	12/05/74-08/04/82	7	11	
GATE0409	No	01037	COBALT, TOTAL (UG/L AS CO)	07/02/75-08/04/82	7	17	
GATE0021	No	01040	COPPER, DISSOLVED (UG/L AS CU)	02/18/76-11/14/79	3	13	
GATE0030	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	04/14/76-02/22/82	5	15	
GATE0038	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	04/14/76-03/15/82	5	15	
GATE0093	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	02/18/76-02/22/82	6	18	
GATE0101	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	02/18/76-03/15/82	6	18	
GATE0102	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	04/14/76-03/15/82	5	15	
GATE0121	No	01040	COPPER, DISSOLVED (UG/L AS CU)	04/14/76-02/22/82	5	16	
GATE0140	No	01040	COPPER, DISSOLVED (UG/L AS CU)	06/29/76-03/15/82	5	18	
GATE0271	No	01040	COPPER, DISSOLVED (UG/L AS CU)	08/02/77-08/02/77	0	1	
GATE0285	No	01040	COPPER, DISSOLVED (UG/L AS CU)	08/02/77-08/02/77	0	1	
GATE0321	No	01040	COPPER, DISSOLVED (UG/L AS CU)	08/02/77-08/02/77	0	1	
GATE0337	No	01040	COPPER, DISSOLVED (UG/L AS CU)	04/29/68-04/29/68	0	2	
GATE0348	No	01040	COPPER, DISSOLVED (UG/L AS CU)	04/29/68-04/29/68	0	2	
GATE0358	No	01040	COPPER, DISSOLVED (UG/L AS CU)	02/18/76-02/22/82	6	31	
GATE0360	No	01040	COPPER, DISSOLVED (UG/L AS CU)	04/29/68-04/29/68	0	2	
GATE0361	No	01040	COPPER, DISSOLVED (UG/L AS CU)	02/25/76-07/01/81	5	16	
GATE0369	No	01040	COPPER, DISSOLVED (UG/L AS CU)	04/14/76-09/13/79	3	12	
GATE0398	No	01040	COPPER, DISSOLVED (UG/L AS CU)	04/29/68-04/29/68	0	2	
GATE0409	No	01040	COPPER, DISSOLVED (UG/L AS CU)	02/25/76-02/24/82	5	18	
GATE0010	No	01042	COPPER, TOTAL (UG/L AS CU)	03/21/94-09/26/94	0	22	
GATE0012	Yes	01042	COPPER, TOTAL (UG/L AS CU)	06/28/94-09/28/94	0	12	
GATE0017	Yes	01042	COPPER, TOTAL (UG/L AS CU)	12/15/76-12/15/76	0	1	
GATE0021	No	01042	COPPER, TOTAL (UG/L AS CU)	08/13/74-08/11/86	11	31	
GATE0030	Yes	01042	COPPER, TOTAL (UG/L AS CU)	08/13/74-02/22/82	7	28	
GATE0034	Yes	01042	COPPER, TOTAL (UG/L AS CU)	06/13/94-09/28/94	0	14	
GATE0037	Yes	01042	COPPER, TOTAL (UG/L AS CU)	12/15/76-12/15/76	0	1	
GATE0038	Yes	01042	COPPER, TOTAL (UG/L AS CU)	08/13/74-08/11/86	11	35	
GATE0040	No	01042	COPPER, TOTAL (UG/L AS CU)	01/31/94-09/26/94	0	24	
GATE0043	No	01042	COPPER, TOTAL (UG/L AS CU)	01/31/94-09/26/94	0	20	
GATE0059	No	01042	COPPER, TOTAL (UG/L AS CU)	12/15/76-12/15/76	0	1	
GATE0066	Yes	01042	COPPER, TOTAL (UG/L AS CU)	12/15/76-12/15/76	0	1	
GATE0068	No	01042	COPPER, TOTAL (UG/L AS CU)	01/31/94-09/26/94	0	23	
GATE0071	No	01042	COPPER, TOTAL (UG/L AS CU)	12/03/81-12/03/81	0	2	
GATE0079	Yes	01042	COPPER, TOTAL (UG/L AS CU)	12/15/76-12/15/76	0	1	
GATE0082	Yes	01042	COPPER, TOTAL (UG/L AS CU)	01/31/94-09/27/94	0	23	
GATE0090	Yes	01042	COPPER, TOTAL (UG/L AS CU)	01/31/94-09/27/94	0	21	
GATE0092	Yes	01042	COPPER, TOTAL (UG/L AS CU)	12/15/76-12/15/76	0	1	
GATE0093	Yes	01042	COPPER, TOTAL (UG/L AS CU)	08/13/74-08/11/86	11	35	
GATE0099	Yes	01042	COPPER, TOTAL (UG/L AS CU)	12/15/76-12/15/76	0	1	
GATE0101	Yes	01042	COPPER, TOTAL (UG/L AS CU)	08/13/74-08/11/86	11	36	
GATE0102	Yes	01042	COPPER, TOTAL (UG/L AS CU)	08/13/74-03/15/82	7	29	
GATE0107	Yes	01042	COPPER, TOTAL (UG/L AS CU)	12/15/76-12/15/76	0	1	
GATE0109	No	01042	COPPER, TOTAL (UG/L AS CU)	12/06/76-12/06/76	0	1	
GATE0121	No	01042	COPPER, TOTAL (UG/L AS CU)	08/13/74-02/22/82	7	28	
GATE0131	No	01042	COPPER, TOTAL (UG/L AS CU)	12/06/76-12/06/76	0	1	
GATE0132	No	01042	COPPER, TOTAL (UG/L AS CU)	01/31/94-09/26/94	0	25	
GATE0140	No	01042	COPPER, TOTAL (UG/L AS CU)	08/13/74-02/19/87	12	42	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 04/23/18 To 08/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GATE0144	No	01042	COPPER, TOTAL (UG/L AS CU)	08/11/82-08/11/86	4	7	
GATE0153	No	01042	COPPER, TOTAL (UG/L AS CU)	12/15/76-12/15/76	0	1	
GATE0168	Yes	01042	COPPER, TOTAL (UG/L AS CU)	09/11/78-09/30/81	3	7	
GATE0180	No	01042	COPPER, TOTAL (UG/L AS CU)	09/12/74-10/17/79	5	14	
GATE0206	Yes	01042	COPPER, TOTAL (UG/L AS CU)	09/07/77-09/07/77	0	1	
GATE0212	No	01042	COPPER, TOTAL (UG/L AS CU)	06/14/84-11/12/86	2	19	
GATE0257	No	01042	COPPER, TOTAL (UG/L AS CU)	12/09/76-12/09/76	0	1	
GATE0271	No	01042	COPPER, TOTAL (UG/L AS CU)	07/12/71-08/02/77	6	8	
GATE0285	No	01042	COPPER, TOTAL (UG/L AS CU)	07/12/71-08/02/77	6	8	
GATE0295	No	01042	COPPER, TOTAL (UG/L AS CU)	10/25/76-07/26/78	1	5	
GATE0296	No	01042	COPPER, TOTAL (UG/L AS CU)	09/11/78-09/30/81	3	6	
GATE0299	No	01042	COPPER, TOTAL (UG/L AS CU)	02/17/71-02/17/71	0	1	
GATE0310	No	01042	COPPER, TOTAL (UG/L AS CU)	10/25/76-07/26/78	1	5	
GATE0318	No	01042	COPPER, TOTAL (UG/L AS CU)	10/25/76-09/30/81	4	18	
GATE0320	No	01042	COPPER, TOTAL (UG/L AS CU)	12/17/76-12/17/76	0	1	
GATE0321	No	01042	COPPER, TOTAL (UG/L AS CU)	07/12/71-08/02/77	6	8	
GATE0346	No	01042	COPPER, TOTAL (UG/L AS CU)	01/16/74-06/19/74	0	9	
GATE0356	No	01042	COPPER, TOTAL (UG/L AS CU)	12/14/76-12/14/76	0	1	
GATE0358	No	01042	COPPER, TOTAL (UG/L AS CU)	01/16/74-02/20/87	13	73	
GATE0360	No	01042	COPPER, TOTAL (UG/L AS CU)	02/18/71-03/28/73	2	4	
GATE0361	No	01042	COPPER, TOTAL (UG/L AS CU)	07/12/71-07/01/81	9	32	
GATE0369	No	01042	COPPER, TOTAL (UG/L AS CU)	08/27/74-03/24/86	11	29	
GATE0370	No	01042	COPPER, TOTAL (UG/L AS CU)	08/19/86-02/19/87	0	5	
GATE0380	No	01042	COPPER, TOTAL (UG/L AS CU)	01/16/74-06/19/74	0	8	
GATE0384	No	01042	COPPER, TOTAL (UG/L AS CU)	12/14/76-12/14/76	0	1	
GATE0385	Yes	01042	COPPER, TOTAL (UG/L AS CU)	01/16/74-06/19/74	0	9	
GATE0391	No	01042	COPPER, TOTAL (UG/L AS CU)	09/23/91-09/23/91	0	1	
GATE0401	No	01042	COPPER, TOTAL (UG/L AS CU)	01/19/70-01/19/70	0	1	
GATE0409	No	01042	COPPER, TOTAL (UG/L AS CU)	08/21/74-03/24/86	11	33	
GATE0410	No	01042	COPPER, TOTAL (UG/L AS CU)	12/09/76-12/09/76	0	1	
GATE0422	No	01042	COPPER, TOTAL (UG/L AS CU)	12/09/76-12/09/76	0	1	
GATE0437	No	01042	COPPER, TOTAL (UG/L AS CU)	12/17/76-12/17/76	0	1	
GATE0009	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	05/15/75-05/15/75	0	1	
GATE0031	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	05/15/75-05/15/75	0	1	
GATE0056	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	07/11/74-03/24/76	1	8	
GATE0065	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	05/15/75-05/15/75	0	1	
GATE0071	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	07/11/74-09/03/88	14	12	
GATE0080	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	05/15/75-05/15/75	0	1	
GATE0091	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	05/15/75-05/15/75	0	1	
GATE0108	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	05/15/75-05/15/75	0	1	
GATE0114	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	05/15/75-05/15/75	0	1	
GATE0129	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	07/11/74-03/24/76	1	7	
GATE0133	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	05/15/75-05/15/75	0	1	
GATE0141	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	05/15/75-05/15/75	0	1	
GATE0142	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	05/15/75-05/15/75	0	1	
GATE0145	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	01/14/87-01/14/87	0	1	
GATE0147	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	01/14/87-09/04/88	1	2	
GATE0151	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	05/16/74-05/16/74	0	1	
GATE0159	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	07/10/74-09/01/76	2	10	
GATE0160	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/30/74-05/17/77	3	12	
GATE0176	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/15/77-09/15/77	0	1	
GATE0178	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	07/10/74-09/01/76	2	10	
GATE0205	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/30/74-09/01/76	2	11	
GATE0234	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	05/16/77-05/16/77	0	1	
GATE0237	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/30/74-09/01/76	2	10	
GATE0281	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/15/77-09/15/77	0	1	
GATE0288	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	02/01/73-05/01/73	0	2	
GATE0300	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	02/01/73-05/01/73	0	2	
GATE0307	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	02/01/73-05/01/73	0	2	
GATE0309	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/15/74-08/15/74	0	1	
GATE0315	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/15/74-08/15/74	0	1	
GATE0316	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/15/74-08/15/74	0	1	
GATE0317	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	02/01/73-05/01/73	0	2	
GATE0324	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	02/01/73-05/01/73	0	2	
GATE0327	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/15/74-08/15/74	0	1	
GATE0328	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/15/74-08/15/74	0	1	
GATE0330	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	02/01/73-05/01/73	0	2	
GATE0343	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	02/01/73-05/01/73	0	2	
GATE0345	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	02/01/73-05/01/73	0	2	
GATE0355	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	02/01/73-05/01/73	0	2	
GATE0357	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/14/77-09/14/77	0	1	
GATE0363	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/18/77-04/18/77	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 04/23/18 To 08/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GATE0367	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	02/01/73-05/01/73	0	2	
GATE0368	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	05/25/77-05/25/77	0	1	
GATE0376	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	02/01/73-05/01/73	0	2	
GATE0388	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	02/01/73-05/01/73	0	2	
GATE0392	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/15/77-09/15/77	0	1	
GATE0399	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	02/01/73-05/01/73	0	2	
GATE0406	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	05/01/73-05/01/73	0	1	
GATE0408	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	02/01/73-05/01/73	0	2	
GATE0417	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	02/01/73-05/01/73	0	2	
GATE0435	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	05/01/73-05/01/73	0	1	
GATE0438	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	02/01/73-05/01/73	0	2	
GATE0021	No	01045	IRON, TOTAL (UG/L AS FE)	12/18/74-08/11/86	11	18	
GATE0030	Yes	01045	IRON, TOTAL (UG/L AS FE)	12/05/74-02/22/82	7	15	
GATE0038	Yes	01045	IRON, TOTAL (UG/L AS FE)	12/05/74-08/11/86	11	21	
GATE0093	Yes	01045	IRON, TOTAL (UG/L AS FE)	12/18/74-08/11/86	11	23	
GATE0101	Yes	01045	IRON, TOTAL (UG/L AS FE)	12/18/74-08/11/86	11	23	
GATE0102	Yes	01045	IRON, TOTAL (UG/L AS FE)	12/05/74-03/15/82	7	15	
GATE0121	No	01045	IRON, TOTAL (UG/L AS FE)	12/05/74-02/22/82	7	15	
GATE0140	No	01045	IRON, TOTAL (UG/L AS FE)	12/18/74-02/19/87	12	29	
GATE0144	No	01045	IRON, TOTAL (UG/L AS FE)	03/02/83-08/11/86	3	6	
GATE0168	Yes	01045	IRON, TOTAL (UG/L AS FE)	09/11/78-09/30/81	3	7	
GATE0180	No	01045	IRON, TOTAL (UG/L AS FE)	07/02/79-10/17/79	0	3	
GATE0206	Yes	01045	IRON, TOTAL (UG/L AS FE)	09/07/77-09/07/77	0	1	
GATE0296	No	01045	IRON, TOTAL (UG/L AS FE)	09/11/78-09/30/81	3	6	
GATE0318	No	01045	IRON, TOTAL (UG/L AS FE)	10/30/78-09/30/81	2	6	
GATE0337	No	01045	IRON, TOTAL (UG/L AS FE)	04/29/68-09/17/68	0	6	
GATE0348	No	01045	IRON, TOTAL (UG/L AS FE)	04/29/68-09/17/68	0	6	
GATE0358	No	01045	IRON, TOTAL (UG/L AS FE)	11/06/74-02/20/87	12	38	
GATE0360	No	01045	IRON, TOTAL (UG/L AS FE)	04/29/68-09/17/68	0	6	
GATE0361	No	01045	IRON, TOTAL (UG/L AS FE)	07/02/75-07/01/81	5	14	
GATE0369	No	01045	IRON, TOTAL (UG/L AS FE)	12/05/74-03/24/86	11	17	
GATE0370	No	01045	IRON, TOTAL (UG/L AS FE)	08/19/86-02/19/87	0	5	
GATE0398	No	01045	IRON, TOTAL (UG/L AS FE)	04/29/68-09/17/68	0	6	
GATE0409	No	01045	IRON, TOTAL (UG/L AS FE)	07/02/75-03/24/86	10	22	
GATE0021	No	01046	IRON, DISSOLVED (UG/L AS FE)	02/18/76-11/14/79	3	7	
GATE0030	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/22/76-02/22/82	5	11	
GATE0038	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/22/76-03/15/82	5	10	
GATE0093	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	02/18/76-02/22/82	6	12	
GATE0101	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	02/18/76-03/15/82	6	12	
GATE0102	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	03/09/77-03/15/82	5	10	
GATE0121	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/22/76-02/22/82	5	11	
GATE0140	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/28/76-03/15/82	5	11	
GATE0206	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/07/77-09/07/77	0	1	
GATE0358	No	01046	IRON, DISSOLVED (UG/L AS FE)	02/18/76-02/22/82	6	19	
GATE0361	No	01046	IRON, DISSOLVED (UG/L AS FE)	02/25/76-07/01/81	5	11	
GATE0369	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/22/76-09/13/79	3	6	
GATE0409	No	01046	IRON, DISSOLVED (UG/L AS FE)	02/25/76-02/24/82	5	13	
GATE0021	No	01049	LEAD, DISSOLVED (UG/L AS PB)	02/18/76-11/14/79	3	13	
GATE0030	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	04/14/76-02/22/82	5	16	
GATE0038	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	04/14/76-03/15/82	5	16	
GATE0093	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	02/18/76-02/22/82	6	18	
GATE0101	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	02/18/76-03/15/82	6	18	
GATE0102	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	04/14/76-03/15/82	5	16	
GATE0121	No	01049	LEAD, DISSOLVED (UG/L AS PB)	04/14/76-02/22/82	5	17	
GATE0140	No	01049	LEAD, DISSOLVED (UG/L AS PB)	06/29/76-03/15/82	5	18	
GATE0271	No	01049	LEAD, DISSOLVED (UG/L AS PB)	08/02/77-08/02/77	0	1	
GATE0285	No	01049	LEAD, DISSOLVED (UG/L AS PB)	08/02/77-08/02/77	0	1	
GATE0321	No	01049	LEAD, DISSOLVED (UG/L AS PB)	08/02/77-08/02/77	0	1	
GATE0358	No	01049	LEAD, DISSOLVED (UG/L AS PB)	02/18/76-02/22/82	6	33	
GATE0361	No	01049	LEAD, DISSOLVED (UG/L AS PB)	02/25/76-07/01/81	5	16	
GATE0369	No	01049	LEAD, DISSOLVED (UG/L AS PB)	04/14/76-09/13/79	3	13	
GATE0409	No	01049	LEAD, DISSOLVED (UG/L AS PB)	02/25/76-02/24/82	5	17	
GATE0017	Yes	01051	LEAD, TOTAL (UG/L AS PB)	12/15/76-12/15/76	0	1	
GATE0021	No	01051	LEAD, TOTAL (UG/L AS PB)	08/13/74-08/11/86	11	30	
GATE0030	Yes	01051	LEAD, TOTAL (UG/L AS PB)	08/13/74-02/22/82	7	27	
GATE0037	Yes	01051	LEAD, TOTAL (UG/L AS PB)	12/15/76-12/15/76	0	1	
GATE0038	Yes	01051	LEAD, TOTAL (UG/L AS PB)	08/13/74-08/11/86	11	33	
GATE0059	No	01051	LEAD, TOTAL (UG/L AS PB)	12/15/76-12/15/76	0	1	
GATE0066	Yes	01051	LEAD, TOTAL (UG/L AS PB)	12/15/76-12/15/76	0	1	
GATE0071	No	01051	LEAD, TOTAL (UG/L AS PB)	12/03/81-12/03/81	0	2	
GATE0079	Yes	01051	LEAD, TOTAL (UG/L AS PB)	12/15/76-12/15/76	0	1	
GATE0092	Yes	01051	LEAD, TOTAL (UG/L AS PB)	12/15/76-12/15/76	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 04/23/18 To 08/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GATE0093	Yes	01051	LEAD, TOTAL (UG/L AS PB)	08/13/74-08/11/86	11	34	
GATE0099	Yes	01051	LEAD, TOTAL (UG/L AS PB)	12/15/76-12/15/76	0	1	
GATE0101	Yes	01051	LEAD, TOTAL (UG/L AS PB)	08/13/74-08/11/86	11	35	
GATE0102	Yes	01051	LEAD, TOTAL (UG/L AS PB)	08/13/74-03/15/82	7	28	
GATE0107	Yes	01051	LEAD, TOTAL (UG/L AS PB)	12/15/76-12/15/76	0	1	
GATE0109	No	01051	LEAD, TOTAL (UG/L AS PB)	12/06/76-12/06/76	0	1	
GATE0121	No	01051	LEAD, TOTAL (UG/L AS PB)	08/13/74-02/22/82	7	27	
GATE0131	No	01051	LEAD, TOTAL (UG/L AS PB)	12/06/76-12/06/76	0	1	
GATE0140	No	01051	LEAD, TOTAL (UG/L AS PB)	08/13/74-02/19/87	12	41	
GATE0144	No	01051	LEAD, TOTAL (UG/L AS PB)	03/02/83-08/11/86	3	6	
GATE0153	No	01051	LEAD, TOTAL (UG/L AS PB)	12/15/76-12/15/76	0	1	
GATE0168	Yes	01051	LEAD, TOTAL (UG/L AS PB)	09/11/78-09/30/81	3	7	
GATE0180	No	01051	LEAD, TOTAL (UG/L AS PB)	09/12/74-10/17/79	5	15	
GATE0206	Yes	01051	LEAD, TOTAL (UG/L AS PB)	09/07/77-09/07/77	0	1	
GATE0212	No	01051	LEAD, TOTAL (UG/L AS PB)	07/11/84-11/12/86	2	16	
GATE0257	No	01051	LEAD, TOTAL (UG/L AS PB)	12/09/76-12/09/76	0	1	
GATE0271	No	01051	LEAD, TOTAL (UG/L AS PB)	07/19/71-08/02/77	6	4	
GATE0285	No	01051	LEAD, TOTAL (UG/L AS PB)	07/19/71-08/02/77	6	5	
GATE0295	No	01051	LEAD, TOTAL (UG/L AS PB)	10/25/76-07/26/78	1	5	
GATE0296	No	01051	LEAD, TOTAL (UG/L AS PB)	09/11/78-09/30/81	3	6	
GATE0299	No	01051	LEAD, TOTAL (UG/L AS PB)	02/17/71-02/17/71	0	1	
GATE0310	No	01051	LEAD, TOTAL (UG/L AS PB)	10/25/76-07/26/78	1	4	
GATE0318	No	01051	LEAD, TOTAL (UG/L AS PB)	10/25/76-09/30/81	4	18	
GATE0320	No	01051	LEAD, TOTAL (UG/L AS PB)	12/17/76-12/17/76	0	1	
GATE0321	No	01051	LEAD, TOTAL (UG/L AS PB)	07/19/71-08/02/77	6	5	
GATE0346	No	01051	LEAD, TOTAL (UG/L AS PB)	01/16/74-06/19/74	0	9	
GATE0356	No	01051	LEAD, TOTAL (UG/L AS PB)	12/14/76-12/14/76	0	1	
GATE0358	No	01051	LEAD, TOTAL (UG/L AS PB)	01/16/74-02/20/87	13	72	
GATE0360	No	01051	LEAD, TOTAL (UG/L AS PB)	02/18/71-03/28/73	2	4	
GATE0361	No	01051	LEAD, TOTAL (UG/L AS PB)	07/19/71-07/01/81	9	30	
GATE0369	No	01051	LEAD, TOTAL (UG/L AS PB)	08/27/74-03/24/86	11	29	
GATE0370	No	01051	LEAD, TOTAL (UG/L AS PB)	08/19/86-02/19/87	0	5	
GATE0380	No	01051	LEAD, TOTAL (UG/L AS PB)	01/16/74-06/19/74	0	8	
GATE0384	No	01051	LEAD, TOTAL (UG/L AS PB)	12/14/76-12/14/76	0	1	
GATE0385	Yes	01051	LEAD, TOTAL (UG/L AS PB)	01/16/74-06/19/74	0	9	
GATE0391	No	01051	LEAD, TOTAL (UG/L AS PB)	09/23/91-09/23/91	0	1	
GATE0401	No	01051	LEAD, TOTAL (UG/L AS PB)	01/19/70-01/19/70	0	1	
GATE0409	No	01051	LEAD, TOTAL (UG/L AS PB)	08/21/74-03/24/86	11	33	
GATE0410	No	01051	LEAD, TOTAL (UG/L AS PB)	12/09/76-12/09/76	0	1	
GATE0422	No	01051	LEAD, TOTAL (UG/L AS PB)	12/09/76-12/09/76	0	1	
GATE0437	No	01051	LEAD, TOTAL (UG/L AS PB)	12/17/76-12/17/76	0	1	
GATE0004	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	11/10/71-11/10/71	0	1	
GATE0009	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	05/15/75-05/15/75	0	1	
GATE0031	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	05/15/75-05/15/75	0	1	
GATE0042	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	11/10/71-11/10/71	0	1	
GATE0056	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	07/11/74-03/24/76	1	8	
GATE0065	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	05/15/75-05/15/75	0	1	
GATE0071	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	07/11/74-09/03/88	14	12	
GATE0075	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	11/15/71-11/15/71	0	1	
GATE0080	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	05/15/75-05/15/75	0	1	
GATE0083	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	11/10/71-11/10/71	0	1	
GATE0091	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	05/15/75-05/15/75	0	1	
GATE0108	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	05/15/75-05/15/75	0	1	
GATE0114	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	05/15/75-05/15/75	0	1	
GATE0127	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	01/31/72-01/31/72	0	1	
GATE0129	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	07/11/74-03/24/76	1	7	
GATE0133	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	05/15/75-05/15/75	0	1	
GATE0136	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	11/10/71-11/10/71	0	1	
GATE0141	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	05/15/75-05/15/75	0	1	
GATE0142	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	05/15/75-05/15/75	0	1	
GATE0145	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	01/14/87-01/14/87	0	1	
GATE0147	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	01/14/87-09/04/88	1	2	
GATE0151	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	05/16/74-05/16/74	0	1	
GATE0159	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	07/10/74-09/01/76	2	10	
GATE0160	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/30/74-05/17/77	3	12	
GATE0176	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/15/77-09/15/77	0	1	
GATE0178	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	07/10/74-09/01/76	2	10	
GATE0205	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/30/74-09/01/76	2	11	
GATE0209	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	11/26/71-11/26/71	0	1	
GATE0234	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	05/16/77-05/16/77	0	1	
GATE0237	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/30/74-09/01/76	2	10	
GATE0281	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/15/77-09/15/77	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 04/23/18 To 08/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GATE0288	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	02/01/73-05/01/73	0	2	
GATE0300	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	02/01/73-05/01/73	0	2	
GATE0307	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	02/01/73-05/01/73	0	2	
GATE0309	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/15/74-08/15/74	0	1	
GATE0315	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/15/74-08/15/74	0	1	
GATE0316	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/15/74-08/15/74	0	1	
GATE0317	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	02/01/73-05/01/73	0	2	
GATE0324	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	02/01/73-05/01/73	0	2	
GATE0327	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/15/74-08/15/74	0	1	
GATE0328	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/15/74-08/15/74	0	1	
GATE0330	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	02/01/73-05/01/73	0	2	
GATE0343	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	02/01/73-05/01/73	0	2	
GATE0345	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	02/01/73-05/01/73	0	2	
GATE0351	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	11/26/71-11/27/71	0	2	
GATE0355	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	02/01/73-05/01/73	0	2	
GATE0357	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/14/77-09/14/77	0	1	
GATE0363	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/18/77-04/18/77	0	1	
GATE0367	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	02/01/73-05/01/73	0	2	
GATE0368	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	05/25/77-05/25/77	0	1	
GATE0376	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	02/01/73-05/01/73	0	2	
GATE0379	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	02/10/72-02/11/72	0	2	
GATE0388	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	02/01/73-05/01/73	0	2	
GATE0392	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/15/77-09/15/77	0	1	
GATE0399	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	02/01/73-05/01/73	0	2	
GATE0406	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	05/01/73-05/01/73	0	1	
GATE0408	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	02/01/73-05/01/73	0	2	
GATE0417	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	02/01/73-05/01/73	0	2	
GATE0431	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	12/15/71-12/16/71	0	2	
GATE0434	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	12/15/71-12/16/71	0	2	
GATE0435	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	05/01/73-05/01/73	0	1	
GATE0438	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	02/01/73-05/01/73	0	2	
GATE0206	Yes	01054	MANGANESE, SUSPENDED (UG/L AS MN)	09/07/77-09/07/77	0	1	
GATE0168	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	09/11/78-09/30/81	3	7	
GATE0180	No	01055	MANGANESE, TOTAL (UG/L AS MN)	07/02/79-10/17/79	0	3	
GATE0206	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	09/07/77-09/07/77	0	1	
GATE0296	No	01055	MANGANESE, TOTAL (UG/L AS MN)	09/11/78-09/30/81	3	6	
GATE0318	No	01055	MANGANESE, TOTAL (UG/L AS MN)	07/11/78-09/30/81	3	8	
GATE0401	No	01055	MANGANESE, TOTAL (UG/L AS MN)	01/19/70-01/19/70	0	1	
GATE0206	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/07/77-09/07/77	0	1	
GATE0071	No	01059	THALLIUM, TOTAL (UG/L AS TL)	12/03/81-12/03/81	0	2	
GATE0212	No	01059	THALLIUM, TOTAL (UG/L AS TL)	06/14/84-05/29/86	1	12	
GATE0391	No	01059	THALLIUM, TOTAL (UG/L AS TL)	09/23/91-09/23/91	0	1	
GATE0021	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	02/18/76-11/14/79	3	13	
GATE0030	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	04/14/76-02/22/82	5	16	
GATE0038	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	04/14/76-03/15/82	5	16	
GATE0093	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	02/18/76-02/22/82	6	17	
GATE0101	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	02/18/76-03/15/82	6	18	
GATE0102	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	04/14/76-03/15/82	5	16	
GATE0121	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	04/14/76-02/22/82	5	17	
GATE0140	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	06/29/76-03/15/82	5	18	
GATE0271	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	08/02/77-08/02/77	0	1	
GATE0285	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	08/02/77-08/02/77	0	1	
GATE0321	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	08/02/77-08/02/77	0	1	
GATE0358	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	02/18/76-02/22/82	6	32	
GATE0361	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	02/25/76-07/01/81	5	16	
GATE0369	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	04/14/76-09/13/79	3	13	
GATE0409	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	02/25/76-02/24/82	5	18	
GATE0017	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	12/15/76-12/15/76	0	1	
GATE0021	No	01067	NICKEL, TOTAL (UG/L AS NI)	08/13/74-08/11/86	11	31	
GATE0030	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	08/13/74-02/22/82	7	27	
GATE0037	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	12/15/76-12/15/76	0	1	
GATE0038	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	08/13/74-08/11/86	11	34	
GATE0059	No	01067	NICKEL, TOTAL (UG/L AS NI)	12/15/76-12/15/76	0	1	
GATE0066	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	12/15/76-12/15/76	0	1	
GATE0071	No	01067	NICKEL, TOTAL (UG/L AS NI)	12/03/81-12/03/81	0	2	
GATE0079	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	12/15/76-12/15/76	0	1	
GATE0092	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	12/15/76-12/15/76	0	1	
GATE0093	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	08/13/74-08/11/86	11	36	
GATE0099	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	12/15/76-12/15/76	0	1	
GATE0101	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	08/13/74-08/11/86	11	35	
GATE0102	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	08/13/74-03/15/82	7	27	
GATE0107	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	12/15/76-12/15/76	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 04/23/18 To 08/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GATE0109	No	01067	NICKEL, TOTAL (UG/L AS NI)	12/06/76-12/06/76	0	1	
GATE0121	No	01067	NICKEL, TOTAL (UG/L AS NI)	08/13/74-02/22/82	7	27	
GATE0131	No	01067	NICKEL, TOTAL (UG/L AS NI)	12/06/76-12/06/76	0	1	
GATE0140	No	01067	NICKEL, TOTAL (UG/L AS NI)	08/13/74-02/19/87	12	42	
GATE0144	No	01067	NICKEL, TOTAL (UG/L AS NI)	08/11/82-08/11/86	4	7	
GATE0153	No	01067	NICKEL, TOTAL (UG/L AS NI)	12/15/76-12/15/76	0	1	
GATE0168	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	09/11/78-09/30/81	3	6	
GATE0180	No	01067	NICKEL, TOTAL (UG/L AS NI)	07/02/79-10/17/79	0	3	
GATE0206	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	09/07/77-09/07/77	0	1	
GATE0212	No	01067	NICKEL, TOTAL (UG/L AS NI)	06/14/84-11/12/86	2	18	
GATE0257	No	01067	NICKEL, TOTAL (UG/L AS NI)	12/09/76-12/09/76	0	1	
GATE0271	No	01067	NICKEL, TOTAL (UG/L AS NI)	07/12/71-08/02/77	6	8	
GATE0285	No	01067	NICKEL, TOTAL (UG/L AS NI)	07/13/71-08/02/77	6	7	
GATE0296	No	01067	NICKEL, TOTAL (UG/L AS NI)	09/11/78-09/30/81	3	5	
GATE0318	No	01067	NICKEL, TOTAL (UG/L AS NI)	07/11/78-09/30/81	3	7	
GATE0320	No	01067	NICKEL, TOTAL (UG/L AS NI)	12/17/76-12/17/76	0	1	
GATE0321	No	01067	NICKEL, TOTAL (UG/L AS NI)	07/12/71-08/02/77	6	8	
GATE0346	No	01067	NICKEL, TOTAL (UG/L AS NI)	01/16/74-06/19/74	0	9	
GATE0356	No	01067	NICKEL, TOTAL (UG/L AS NI)	12/14/76-12/14/76	0	1	
GATE0358	No	01067	NICKEL, TOTAL (UG/L AS NI)	01/16/74-02/20/87	13	70	
GATE0360	No	01067	NICKEL, TOTAL (UG/L AS NI)	03/21/72-03/28/73	1	3	
GATE0361	No	01067	NICKEL, TOTAL (UG/L AS NI)	07/12/71-07/01/81	9	33	
GATE0369	No	01067	NICKEL, TOTAL (UG/L AS NI)	08/27/74-03/24/86	11	29	
GATE0370	No	01067	NICKEL, TOTAL (UG/L AS NI)	08/19/86-02/19/87	0	5	
GATE0380	No	01067	NICKEL, TOTAL (UG/L AS NI)	01/16/74-06/19/74	0	8	
GATE0384	No	01067	NICKEL, TOTAL (UG/L AS NI)	12/14/76-12/14/76	0	1	
GATE0385	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	01/16/74-06/19/74	0	9	
GATE0391	No	01067	NICKEL, TOTAL (UG/L AS NI)	09/23/91-09/23/91	0	1	
GATE0401	No	01067	NICKEL, TOTAL (UG/L AS NI)	01/19/70-01/19/70	0	1	
GATE0409	No	01067	NICKEL, TOTAL (UG/L AS NI)	08/21/74-03/24/86	11	33	
GATE0410	No	01067	NICKEL, TOTAL (UG/L AS NI)	12/09/76-12/09/76	0	1	
GATE0422	No	01067	NICKEL, TOTAL (UG/L AS NI)	12/09/76-12/09/76	0	1	
GATE0437	No	01067	NICKEL, TOTAL (UG/L AS NI)	12/17/76-12/17/76	0	1	
GATE0009	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/15/75-05/15/75	0	1	
GATE0031	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/15/75-05/15/75	0	1	
GATE0056	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/11/74-03/24/76	1	8	
GATE0065	Yes	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/15/75-05/15/75	0	1	
GATE0071	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/11/74-10/16/85	11	9	
GATE0080	Yes	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/15/75-05/15/75	0	1	
GATE0091	Yes	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/15/75-05/15/75	0	1	
GATE0108	Yes	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/15/75-05/15/75	0	1	
GATE0114	Yes	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/15/75-05/15/75	0	1	
GATE0129	Yes	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/11/74-03/24/76	1	7	
GATE0133	Yes	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/15/75-05/15/75	0	1	
GATE0141	Yes	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/15/75-05/15/75	0	1	
GATE0142	Yes	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/15/75-05/15/75	0	1	
GATE0151	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/16/74-05/16/74	0	1	
GATE0159	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/10/74-09/01/76	2	10	
GATE0160	Yes	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/30/74-05/17/77	3	12	
GATE0176	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/15/77-09/15/77	0	1	
GATE0178	Yes	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/10/74-09/01/76	2	10	
GATE0205	Yes	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/30/74-09/01/76	2	11	
GATE0234	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/16/77-05/16/77	0	1	
GATE0237	Yes	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/30/74-09/01/76	2	10	
GATE0281	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/15/77-09/15/77	0	1	
GATE0288	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	0	2	
GATE0300	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	0	2	
GATE0307	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	0	2	
GATE0309	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/15/74-08/15/74	0	1	
GATE0315	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/15/74-08/15/74	0	1	
GATE0316	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/15/74-08/15/74	0	1	
GATE0317	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	0	2	
GATE0324	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	0	2	
GATE0327	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/15/74-08/15/74	0	1	
GATE0328	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/15/74-08/15/74	0	1	
GATE0330	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	0	2	
GATE0343	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	0	2	
GATE0345	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	0	2	
GATE0355	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	0	2	
GATE0357	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/14/77-09/14/77	0	1	
GATE0363	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/18/77-04/18/77	0	1	
GATE0367	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	0	2	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 04/23/18 To 08/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GATE0368	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/25/77-05/25/77	0	1	
GATE0376	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	0	2	
GATE0388	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	0	2	
GATE0392	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/15/77-09/15/77	0	1	
GATE0399	Yes	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	0	2	
GATE0406	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/01/73-05/01/73	0	1	
GATE0408	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	0	2	
GATE0417	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	0	2	
GATE0435	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/01/73-05/01/73	0	1	
GATE0438	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	0	2	
GATE0211	No	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	06/14/84-11/12/86	2	18	
GATE0021	No	01075	SILVER, DISSOLVED (UG/L AS AG)	02/18/76-11/14/79	3	7	
GATE0030	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	07/22/76-02/22/82	5	11	
GATE0038	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	07/22/76-03/15/82	5	10	
GATE0093	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	02/18/76-02/22/82	6	12	
GATE0101	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	02/18/76-03/15/82	6	12	
GATE0102	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	03/09/77-03/15/82	5	10	
GATE0121	No	01075	SILVER, DISSOLVED (UG/L AS AG)	07/22/76-02/22/82	5	11	
GATE0140	No	01075	SILVER, DISSOLVED (UG/L AS AG)	07/28/76-07/22/81	4	10	
GATE0358	No	01075	SILVER, DISSOLVED (UG/L AS AG)	02/18/76-02/22/82	6	19	
GATE0361	No	01075	SILVER, DISSOLVED (UG/L AS AG)	02/25/76-07/01/81	5	11	
GATE0369	No	01075	SILVER, DISSOLVED (UG/L AS AG)	07/22/76-09/13/79	3	6	
GATE0409	No	01075	SILVER, DISSOLVED (UG/L AS AG)	02/25/76-02/24/82	5	12	
GATE0021	No	01077	SILVER, TOTAL (UG/L AS AG)	12/18/74-08/11/86	11	19	
GATE0030	Yes	01077	SILVER, TOTAL (UG/L AS AG)	12/05/74-02/22/82	7	15	
GATE0038	Yes	01077	SILVER, TOTAL (UG/L AS AG)	12/05/74-08/11/86	11	22	
GATE0071	No	01077	SILVER, TOTAL (UG/L AS AG)	12/03/81-12/03/81	0	2	
GATE0093	Yes	01077	SILVER, TOTAL (UG/L AS AG)	12/18/74-08/11/86	11	24	
GATE0101	Yes	01077	SILVER, TOTAL (UG/L AS AG)	12/18/74-08/11/86	11	24	
GATE0102	Yes	01077	SILVER, TOTAL (UG/L AS AG)	12/05/74-03/15/82	7	15	
GATE0121	No	01077	SILVER, TOTAL (UG/L AS AG)	12/05/74-02/22/82	7	15	
GATE0140	No	01077	SILVER, TOTAL (UG/L AS AG)	12/18/74-02/19/87	12	30	
GATE0144	No	01077	SILVER, TOTAL (UG/L AS AG)	08/11/82-08/11/86	4	7	
GATE0212	No	01077	SILVER, TOTAL (UG/L AS AG)	06/14/84-10/15/86	2	18	
GATE0358	No	01077	SILVER, TOTAL (UG/L AS AG)	11/06/74-02/20/87	12	37	
GATE0361	No	01077	SILVER, TOTAL (UG/L AS AG)	07/02/75-07/01/81	5	14	
GATE0369	No	01077	SILVER, TOTAL (UG/L AS AG)	12/05/74-03/24/86	11	15	
GATE0370	No	01077	SILVER, TOTAL (UG/L AS AG)	08/19/86-02/19/87	0	5	
GATE0391	No	01077	SILVER, TOTAL (UG/L AS AG)	09/23/91-09/23/91	0	1	
GATE0409	No	01077	SILVER, TOTAL (UG/L AS AG)	07/02/75-03/24/86	10	20	
GATE0071	No	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	10/16/85-09/03/88	2	4	
GATE0145	No	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	01/14/87-01/14/87	0	1	
GATE0147	No	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	01/14/87-09/04/88	1	2	
GATE0211	No	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	06/14/84-10/15/86	2	18	
GATE0021	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	02/18/76-11/14/79	3	9	
GATE0030	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	04/14/76-02/22/82	5	13	
GATE0038	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	04/14/76-03/15/82	5	13	
GATE0093	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	02/18/76-02/22/82	6	13	
GATE0101	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	02/18/76-03/15/82	6	16	
GATE0102	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	04/14/76-03/15/82	5	14	
GATE0121	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	04/14/76-02/22/82	5	12	
GATE0140	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	09/13/77-03/15/82	4	14	
GATE0271	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/02/77-08/02/77	0	1	
GATE0285	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/02/77-08/02/77	0	1	
GATE0321	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/02/77-08/02/77	0	1	
GATE0337	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	04/29/68-09/17/68	0	6	
GATE0348	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	04/29/68-09/17/68	0	6	
GATE0358	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	02/18/76-02/22/82	6	22	
GATE0360	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	04/29/68-09/17/68	0	6	
GATE0361	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	02/25/76-07/01/81	5	15	
GATE0369	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	04/14/76-09/13/79	3	9	
GATE0398	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	04/29/68-09/17/68	0	6	
GATE0409	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	02/25/76-07/01/81	5	14	
GATE0017	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	12/15/76-12/15/76	0	1	
GATE0021	No	01092	ZINC, TOTAL (UG/L AS ZN)	08/13/74-08/11/86	11	30	
GATE0030	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	08/13/74-02/22/82	7	28	
GATE0037	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	12/15/76-12/15/76	0	1	
GATE0038	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	08/13/74-08/11/86	11	35	
GATE0059	No	01092	ZINC, TOTAL (UG/L AS ZN)	12/15/76-12/15/76	0	1	
GATE0066	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	12/15/76-12/15/76	0	1	
GATE0071	No	01092	ZINC, TOTAL (UG/L AS ZN)	12/03/81-12/03/81	0	2	
GATE0079	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	12/15/76-12/15/76	0	1	

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Station/Parameter Period of Record Tabulation
From 04/23/18 To 08/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GATE0092	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	12/15/76-12/15/76	0	1	
GATE0093	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	08/13/74-08/11/86	11	35	
GATE0099	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	12/15/76-12/15/76	0	1	
GATE0101	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	08/13/74-08/11/86	11	34	
GATE0102	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	08/13/74-03/15/82	7	28	
GATE0107	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	12/15/76-12/15/76	0	1	
GATE0109	No	01092	ZINC, TOTAL (UG/L AS ZN)	12/06/76-12/06/76	0	1	
GATE0121	No	01092	ZINC, TOTAL (UG/L AS ZN)	08/13/74-02/22/82	7	27	
GATE0131	No	01092	ZINC, TOTAL (UG/L AS ZN)	12/06/76-12/06/76	0	1	
GATE0140	No	01092	ZINC, TOTAL (UG/L AS ZN)	08/13/74-02/19/87	12	42	
GATE0144	No	01092	ZINC, TOTAL (UG/L AS ZN)	08/11/82-08/11/86	4	7	
GATE0153	No	01092	ZINC, TOTAL (UG/L AS ZN)	12/15/76-12/15/76	0	1	
GATE0168	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	09/11/78-09/30/81	3	7	
GATE0180	No	01092	ZINC, TOTAL (UG/L AS ZN)	09/12/74-10/17/79	5	14	
GATE0206	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	09/07/77-09/07/77	0	1	
GATE0212	No	01092	ZINC, TOTAL (UG/L AS ZN)	06/14/84-11/12/86	2	19	
GATE0257	No	01092	ZINC, TOTAL (UG/L AS ZN)	12/09/76-12/09/76	0	1	
GATE0271	No	01092	ZINC, TOTAL (UG/L AS ZN)	07/12/71-08/02/77	6	8	
GATE0285	No	01092	ZINC, TOTAL (UG/L AS ZN)	07/12/71-08/02/77	6	8	
GATE0295	No	01092	ZINC, TOTAL (UG/L AS ZN)	10/25/76-07/26/78	1	5	
GATE0296	No	01092	ZINC, TOTAL (UG/L AS ZN)	09/11/78-09/30/81	3	6	
GATE0310	No	01092	ZINC, TOTAL (UG/L AS ZN)	10/25/76-07/26/78	1	5	
GATE0318	No	01092	ZINC, TOTAL (UG/L AS ZN)	10/25/76-09/30/81	4	13	
GATE0320	No	01092	ZINC, TOTAL (UG/L AS ZN)	12/17/76-12/17/76	0	1	
GATE0321	No	01092	ZINC, TOTAL (UG/L AS ZN)	07/12/71-08/02/77	6	8	
GATE0346	No	01092	ZINC, TOTAL (UG/L AS ZN)	01/16/74-06/19/74	0	9	
GATE0356	No	01092	ZINC, TOTAL (UG/L AS ZN)	12/14/76-12/14/76	0	1	
GATE0358	No	01092	ZINC, TOTAL (UG/L AS ZN)	01/16/74-02/20/87	13	71	
GATE0360	No	01092	ZINC, TOTAL (UG/L AS ZN)	03/21/72-03/28/73	1	3	
GATE0361	No	01092	ZINC, TOTAL (UG/L AS ZN)	07/12/71-07/01/81	9	32	
GATE0369	No	01092	ZINC, TOTAL (UG/L AS ZN)	08/27/74-03/24/86	11	26	
GATE0370	No	01092	ZINC, TOTAL (UG/L AS ZN)	08/19/86-02/19/87	0	5	
GATE0380	No	01092	ZINC, TOTAL (UG/L AS ZN)	01/16/74-06/19/74	0	8	
GATE0384	No	01092	ZINC, TOTAL (UG/L AS ZN)	12/14/76-12/14/76	0	1	
GATE0385	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	01/16/74-06/19/74	0	9	
GATE0391	No	01092	ZINC, TOTAL (UG/L AS ZN)	09/23/91-09/23/91	0	1	
GATE0409	No	01092	ZINC, TOTAL (UG/L AS ZN)	08/21/74-03/24/86	11	32	
GATE0410	No	01092	ZINC, TOTAL (UG/L AS ZN)	12/09/76-12/09/76	0	1	
GATE0422	No	01092	ZINC, TOTAL (UG/L AS ZN)	12/09/76-12/09/76	0	1	
GATE0437	No	01092	ZINC, TOTAL (UG/L AS ZN)	12/17/76-12/17/76	0	1	
GATE0004	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	11/10/71-11/10/71	0	1	
GATE0009	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	05/15/75-05/15/75	0	1	
GATE0031	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	05/15/75-05/15/75	0	1	
GATE0042	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	11/10/71-11/10/71	0	1	
GATE0065	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	05/15/75-05/15/75	0	1	
GATE0071	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	10/16/85-09/03/88	2	4	
GATE0075	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	11/15/71-11/15/71	0	1	
GATE0080	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	05/15/75-05/15/75	0	1	
GATE0083	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	11/10/71-11/10/71	0	1	
GATE0091	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	05/15/75-05/15/75	0	1	
GATE0108	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	05/15/75-05/15/75	0	1	
GATE0114	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	05/15/75-05/15/75	0	1	
GATE0127	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	01/31/72-01/31/72	0	1	
GATE0133	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	05/15/75-05/15/75	0	1	
GATE0136	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	11/10/71-11/10/71	0	1	
GATE0141	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	05/15/75-05/15/75	0	1	
GATE0142	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	05/15/75-05/15/75	0	1	
GATE0145	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	01/14/87-01/14/87	0	1	
GATE0147	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	01/14/87-09/04/88	1	2	
GATE0176	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	09/15/77-09/15/77	0	1	
GATE0209	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	11/26/71-11/26/71	0	1	
GATE0234	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	05/16/77-05/16/77	0	1	
GATE0281	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	09/15/77-09/15/77	0	1	
GATE0288	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	02/01/73-05/01/73	0	2	
GATE0300	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	02/01/73-05/01/73	0	2	
GATE0307	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	02/01/73-05/01/73	0	2	
GATE0309	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	08/15/74-08/15/74	0	1	
GATE0315	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	08/15/74-08/15/74	0	1	
GATE0316	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	08/15/74-08/15/74	0	1	
GATE0317	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	02/01/73-05/01/73	0	2	
GATE0324	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	02/01/73-05/01/73	0	2	
GATE0327	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	08/15/74-08/15/74	0	1	

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Station/Parameter Period of Record Tabulation
From 04/23/18 To 08/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GATE0328	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	08/15/74-08/15/74	0	1	
GATE0330	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	02/01/73-05/01/73	0	2	
GATE0343	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	02/01/73-05/01/73	0	2	
GATE0345	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	02/01/73-05/01/73	0	2	
GATE0351	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	11/26/71-11/27/71	0	2	
GATE0355	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	02/01/73-05/01/73	0	2	
GATE0357	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	09/14/77-09/14/77	0	1	
GATE0363	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	04/18/77-04/18/77	0	1	
GATE0367	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	02/01/73-05/01/73	0	2	
GATE0368	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	05/25/77-05/25/77	0	1	
GATE0376	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	02/01/73-05/01/73	0	2	
GATE0379	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	02/10/72-02/11/72	0	2	
GATE0388	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	02/01/73-05/01/73	0	2	
GATE0392	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	09/15/77-09/15/77	0	1	
GATE0399	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	02/01/73-05/01/73	0	2	
GATE0406	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	05/01/73-05/01/73	0	1	
GATE0408	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	02/01/73-05/01/73	0	2	
GATE0417	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	02/01/73-05/01/73	0	2	
GATE0431	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	12/15/71-12/16/71	0	2	
GATE0434	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	12/15/71-12/16/71	0	2	
GATE0435	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	05/01/73-05/01/73	0	1	
GATE0438	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	02/01/73-05/01/73	0	2	
GATE0211	No	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	06/14/84-11/12/86	2	19	
GATE0071	No	01097	ANTIMONY, TOTAL (UG/L AS SB)	12/03/81-12/03/81	0	2	
GATE0212	No	01097	ANTIMONY, TOTAL (UG/L AS SB)	06/14/84-11/12/86	2	18	
GATE0391	No	01097	ANTIMONY, TOTAL (UG/L AS SB)	09/23/91-09/23/91	0	1	
GATE0021	No	01100	TIN, DISSOLVED (UG/L AS SN)	02/18/76-11/14/79	3	6	
GATE0030	Yes	01100	TIN, DISSOLVED (UG/L AS SN)	03/09/77-07/08/81	4	9	
GATE0038	Yes	01100	TIN, DISSOLVED (UG/L AS SN)	03/09/77-07/22/81	4	8	
GATE0093	Yes	01100	TIN, DISSOLVED (UG/L AS SN)	02/18/76-07/08/81	5	10	
GATE0101	Yes	01100	TIN, DISSOLVED (UG/L AS SN)	02/18/76-07/22/81	5	11	
GATE0102	Yes	01100	TIN, DISSOLVED (UG/L AS SN)	03/09/77-07/22/81	4	9	
GATE0121	No	01100	TIN, DISSOLVED (UG/L AS SN)	03/09/77-07/08/81	4	9	
GATE0140	No	01100	TIN, DISSOLVED (UG/L AS SN)	09/13/77-07/22/81	3	10	
GATE0358	No	01100	TIN, DISSOLVED (UG/L AS SN)	02/18/76-07/08/81	5	16	
GATE0361	No	01100	TIN, DISSOLVED (UG/L AS SN)	02/25/76-07/01/81	5	11	
GATE0369	No	01100	TIN, DISSOLVED (UG/L AS SN)	03/09/77-09/13/79	2	5	
GATE0409	No	01100	TIN, DISSOLVED (UG/L AS SN)	02/25/76-07/01/81	5	11	
GATE0021	No	01102	TIN, TOTAL (UG/L AS SN)	02/18/76-03/02/83	7	9	
GATE0030	Yes	01102	TIN, TOTAL (UG/L AS SN)	12/05/74-07/08/81	6	11	
GATE0038	Yes	01102	TIN, TOTAL (UG/L AS SN)	12/05/74-03/02/83	8	12	
GATE0093	Yes	01102	TIN, TOTAL (UG/L AS SN)	02/18/76-03/02/83	7	13	
GATE0101	Yes	01102	TIN, TOTAL (UG/L AS SN)	02/18/76-03/02/83	7	13	
GATE0102	Yes	01102	TIN, TOTAL (UG/L AS SN)	12/05/74-07/22/81	6	11	
GATE0121	No	01102	TIN, TOTAL (UG/L AS SN)	12/05/74-07/08/81	6	11	
GATE0140	No	01102	TIN, TOTAL (UG/L AS SN)	07/28/76-03/02/83	6	13	
GATE0144	No	01102	TIN, TOTAL (UG/L AS SN)	03/02/83-03/02/83	0	1	
GATE0358	No	01102	TIN, TOTAL (UG/L AS SN)	11/06/74-07/08/81	6	20	
GATE0361	No	01102	TIN, TOTAL (UG/L AS SN)	02/25/76-07/01/81	5	11	
GATE0369	No	01102	TIN, TOTAL (UG/L AS SN)	12/05/74-09/13/79	4	7	
GATE0409	No	01102	TIN, TOTAL (UG/L AS SN)	02/25/76-07/01/81	5	12	
GATE0021	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	07/09/75-03/02/83	7	10	
GATE0030	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	12/05/74-02/22/82	7	13	
GATE0038	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	12/05/74-03/02/83	8	16	
GATE0093	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	07/09/75-03/02/83	7	15	
GATE0101	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	07/09/75-03/02/83	7	15	
GATE0102	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	12/05/74-03/15/82	7	14	
GATE0121	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	12/05/74-02/22/82	7	13	
GATE0140	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	07/09/75-03/02/83	7	16	
GATE0144	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	08/11/82-03/02/83	0	2	
GATE0358	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	11/06/74-08/04/82	7	25	
GATE0361	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	07/02/75-07/01/81	5	12	
GATE0369	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	12/05/74-08/04/82	7	8	
GATE0409	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	07/02/75-08/04/82	7	15	
GATE0021	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	02/18/76-11/14/79	3	7	
GATE0030	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/22/76-02/22/82	5	11	
GATE0038	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/22/76-03/15/82	5	10	
GATE0093	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	02/18/76-02/22/82	6	12	
GATE0101	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	02/18/76-03/15/82	6	11	
GATE0102	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	03/09/77-03/15/82	5	10	
GATE0121	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/22/76-02/22/82	5	11	
GATE0140	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/28/76-03/15/82	5	12	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 04/23/18 To 08/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GATE0358	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	02/18/76-02/22/82	6	19	
GATE0361	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	02/25/76-07/01/81	5	11	
GATE0369	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/22/76-09/13/79	3	6	
GATE0409	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	02/25/76-02/24/82	5	13	
GATE0211	No	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	06/14/84-11/12/86	2	17	
GATE0211	No	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	07/11/84-11/12/86	2	16	
GATE0211	No	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	06/14/84-11/12/86	2	19	
GATE0211	No	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	06/14/84-11/12/86	2	19	
GATE0071	No	01147	SELENIUM, TOTAL (UG/L AS SE)	12/03/81-12/03/81	0	2	
GATE0212	No	01147	SELENIUM, TOTAL (UG/L AS SE)	06/14/84-11/12/86	2	8	
GATE0391	No	01147	SELENIUM, TOTAL (UG/L AS SE)	09/23/91-09/23/91	0	1	
GATE0071	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	10/16/85-10/16/85	0	1	
GATE0211	No	01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	06/14/84-11/12/86	2	18	
GATE0211	No	03789	PCB-1016/1242, WET WEIGHT, BOTTOM SEDIMENT MG/KG	07/19/84-07/19/84	0	1	
GATE0011	No	30344	PENTACHLORODIBENZO-P-DIOXIN,12378,FISH,WET WT,PG/G	09/08/87-09/08/87	0	1	
GATE0054	Yes	30344	PENTACHLORODIBENZO-P-DIOXIN,12378,FISH,WET WT,PG/G	06/30/87-06/30/87	0	1	
GATE0340	No	30344	PENTACHLORODIBENZO-P-DIOXIN,12378,FISH,WET WT,PG/G	09/29/87-10/02/87	0	2	
GATE0375	No	30344	PENTACHLORODIBENZO-P-DIOXIN,12378,FISH,WET WT,PG/G	08/20/87-08/20/87	0	1	
GATE0011	No	30345	HEXACHLORODIBENZO-P-DIOXIN,123478,FISH,WET WT,PG/G	09/08/87-09/08/87	0	1	
GATE0054	Yes	30345	HEXACHLORODIBENZO-P-DIOXIN,123478,FISH,WET WT,PG/G	06/30/87-06/30/87	0	1	
GATE0340	No	30345	HEXACHLORODIBENZO-P-DIOXIN,123478,FISH,WET WT,PG/G	09/29/87-10/02/87	0	2	
GATE0375	No	30345	HEXACHLORODIBENZO-P-DIOXIN,123478,FISH,WET WT,PG/G	08/20/87-08/20/87	0	1	
GATE0011	No	30346	HEXACHLORODIBENZO-P-DIOXIN,123678,FISH,WET WT,PG/G	09/08/87-09/08/87	0	1	
GATE0054	Yes	30346	HEXACHLORODIBENZO-P-DIOXIN,123678,FISH,WET WT,PG/G	06/30/87-06/30/87	0	1	
GATE0340	No	30346	HEXACHLORODIBENZO-P-DIOXIN,123678,FISH,WET WT,PG/G	09/29/87-10/02/87	0	2	
GATE0375	No	30346	HEXACHLORODIBENZO-P-DIOXIN,123678,FISH,WET WT,PG/G	08/20/87-08/20/87	0	1	
GATE0011	No	30347	HEXACHLORODIBENZO-P-DIOXIN,123789,FISH,WET WT,PG/G	09/08/87-09/08/87	0	1	
GATE0054	Yes	30347	HEXACHLORODIBENZO-P-DIOXIN,123789,FISH,WET WT,PG/G	06/30/87-06/30/87	0	1	
GATE0340	No	30347	HEXACHLORODIBENZO-P-DIOXIN,123789,FISH,WET WT,PG/G	09/29/87-10/02/87	0	2	
GATE0375	No	30347	HEXACHLORODIBENZO-P-DIOXIN,123789,FISH,WET WT,PG/G	08/20/87-08/20/87	0	1	
GATE0011	No	30348	HEPTACHLORODIBENZO-P-DIOXIN,1234678,TIS,WETWT,PG/G	09/08/87-09/08/87	0	1	
GATE0054	Yes	30348	HEPTACHLORODIBENZO-P-DIOXIN,1234678,TIS,WETWT,PG/G	06/30/87-06/30/87	0	1	
GATE0340	No	30348	HEPTACHLORODIBENZO-P-DIOXIN,1234678,TIS,WETWT,PG/G	09/29/87-10/02/87	0	2	
GATE0375	No	30348	HEPTACHLORODIBENZO-P-DIOXIN,1234678,TIS,WETWT,PG/G	08/20/87-08/20/87	0	1	
GATE0011	No	30349	TETRACHLORODIBENZOFURAN, 2378- , FISH,WET WT.,PG/G	09/08/87-09/08/87	0	1	
GATE0054	Yes	30349	TETRACHLORODIBENZOFURAN, 2378- , FISH,WET WT.,PG/G	06/30/87-06/30/87	0	1	
GATE0340	No	30349	TETRACHLORODIBENZOFURAN, 2378- , FISH,WET WT.,PG/G	09/29/87-10/02/87	0	2	
GATE0375	No	30349	TETRACHLORODIBENZOFURAN, 2378- , FISH,WET WT.,PG/G	08/20/87-08/20/87	0	1	
GATE0011	No	30350	PENTACHLORODIBENZOFURAN,12378- , FISH,WET WT.,PG/G	09/08/87-09/08/87	0	1	
GATE0054	Yes	30350	PENTACHLORODIBENZOFURAN,12378- , FISH,WET WT.,PG/G	06/30/87-06/30/87	0	1	
GATE0340	No	30350	PENTACHLORODIBENZOFURAN,12378- , FISH,WET WT.,PG/G	09/29/87-10/02/87	0	2	
GATE0375	No	30350	PENTACHLORODIBENZOFURAN,12378- , FISH,WET WT.,PG/G	08/20/87-08/20/87	0	1	
GATE0011	No	30351	PENTACHLORODIBENZOFURAN,23478- , FISH,WET WT.,PG/G	09/08/87-09/08/87	0	1	
GATE0054	Yes	30351	PENTACHLORODIBENZOFURAN,23478- , FISH,WET WT.,PG/G	06/30/87-06/30/87	0	1	
GATE0340	No	30351	PENTACHLORODIBENZOFURAN,23478- , FISH,WET WT.,PG/G	09/29/87-10/02/87	0	2	
GATE0375	No	30351	PENTACHLORODIBENZOFURAN,23478- , FISH,WET WT.,PG/G	08/20/87-08/20/87	0	1	
GATE0011	No	30352	HEXACHLORODIBENZOFURAN,123478- , FISH,WET WT.,PG/G	09/08/87-09/08/87	0	1	
GATE0054	Yes	30352	HEXACHLORODIBENZOFURAN,123478- , FISH,WET WT.,PG/G	06/30/87-06/30/87	0	1	
GATE0340	No	30352	HEXACHLORODIBENZOFURAN,123478- , FISH,WET WT.,PG/G	09/29/87-10/02/87	0	2	
GATE0375	No	30352	HEXACHLORODIBENZOFURAN,123478- , FISH,WET WT.,PG/G	08/20/87-08/20/87	0	1	
GATE0011	No	30353	HEXACHLORODIBENZOFURAN,123678- , FISH,WET WT.,PG/G	09/08/87-09/08/87	0	1	
GATE0054	Yes	30353	HEXACHLORODIBENZOFURAN,123678- , FISH,WET WT.,PG/G	06/30/87-06/30/87	0	1	
GATE0340	No	30353	HEXACHLORODIBENZOFURAN,123678- , FISH,WET WT.,PG/G	09/29/87-10/02/87	0	2	
GATE0375	No	30353	HEXACHLORODIBENZOFURAN,123678- , FISH,WET WT.,PG/G	08/20/87-08/20/87	0	1	
GATE0011	No	30354	HEXACHLORODIBENZOFURAN,123789- , FISH,WET WT.,PG/G	09/08/87-09/08/87	0	1	
GATE0054	Yes	30354	HEXACHLORODIBENZOFURAN,123789- , FISH,WET WT.,PG/G	06/30/87-06/30/87	0	1	
GATE0340	No	30354	HEXACHLORODIBENZOFURAN,123789- , FISH,WET WT.,PG/G	09/29/87-10/02/87	0	2	
GATE0375	No	30354	HEXACHLORODIBENZOFURAN,123789- , FISH,WET WT.,PG/G	08/20/87-08/20/87	0	1	
GATE0011	No	30355	HEXACHLORODIBENZOFURAN,234678- , FISH,WET WT.,PG/G	09/08/87-09/08/87	0	1	
GATE0054	Yes	30355	HEXACHLORODIBENZOFURAN,234678- , FISH,WET WT.,PG/G	06/30/87-06/30/87	0	1	
GATE0340	No	30355	HEXACHLORODIBENZOFURAN,234678- , FISH,WET WT.,PG/G	09/29/87-10/02/87	0	2	
GATE0375	No	30355	HEXACHLORODIBENZOFURAN,234678- , FISH,WET WT.,PG/G	08/20/87-08/20/87	0	1	
GATE0011	No	30356	HEPTACHLORODIBENZOFURAN,1234678- ,FISH,WET WT,PG/G	09/08/87-09/08/87	0	1	
GATE0054	Yes	30356	HEPTACHLORODIBENZOFURAN,1234678- ,FISH,WET WT,PG/G	06/30/87-06/30/87	0	1	
GATE0340	No	30356	HEPTACHLORODIBENZOFURAN,1234678- ,FISH,WET WT,PG/G	09/29/87-10/02/87	0	2	
GATE0375	No	30356	HEPTACHLORODIBENZOFURAN,1234678- ,FISH,WET WT,PG/G	08/20/87-08/20/87	0	1	
GATE0011	No	30357	HEPTACHLORODIBENZOFURAN,1234789- ,FISH,WET WT,PG/G	09/08/87-09/08/87	0	1	
GATE0054	Yes	30357	HEPTACHLORODIBENZOFURAN,1234789- ,FISH,WET WT,PG/G	06/30/87-06/30/87	0	1	
GATE0340	No	30357	HEPTACHLORODIBENZOFURAN,1234789- ,FISH,WET WT,PG/G	09/29/87-10/02/87	0	2	
GATE0375	No	30357	HEPTACHLORODIBENZOFURAN,1234789- ,FISH,WET WT,PG/G	08/20/87-08/20/87	0	1	
GATE0005	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/24/89-08/23/93	4	84	
GATE0007	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/11/74-09/28/81	7	151	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 04/23/18 To 08/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GATE0010	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/24/89-08/26/96	7	159	
GATE0012	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/26/96	16	213	
GATE0013	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/25/94-11/22/94	0	3	
GATE0014	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/22/65-04/22/65	0	2	
GATE0015	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/22/65-04/22/65	0	2	
GATE0016	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/22/65-04/22/65	0	2	
GATE0018	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/26/80-08/23/93	13	190	
GATE0019	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/23/93	13	186	
GATE0020	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/07/73-01/08/74	0	4	
GATE0022	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/22/65-08/24/66	1	14	
GATE0024	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/22/65-04/22/65	0	2	
GATE0026	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/11/74-09/28/81	7	149	
GATE0032	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/22/65-04/22/65	0	13	
GATE0034	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/28/92-08/26/96	4	89	
GATE0035	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/22/65-08/24/66	1	14	
GATE0036	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/07/73-01/08/74	0	4	
GATE0039	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/30/89-08/25/93	4	69	
GATE0040	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/31/94-08/26/96	2	74	
GATE0043	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/31/94-08/26/96	2	90	
GATE0049	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-10/25/94	14	198	
GATE0050	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/22/65-04/22/65	0	13	
GATE0052	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/22/65-04/22/65	0	2	
GATE0057	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/11/74-09/28/81	7	150	
GATE0058	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/23/93	13	188	
GATE0061	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/23/93	13	203	
GATE0063	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/30/89-08/30/89	0	14	
GATE0064	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/22/65-04/22/65	0	2	
GATE0067	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/22/65-04/22/65	0	2	
GATE0068	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/31/94-08/26/96	2	82	
GATE0069	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/11/74-09/28/81	7	151	
GATE0073	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/22/65-04/22/65	0	2	
GATE0074	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	16	266	A
GATE0076	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/22/65-04/22/65	0	2	
GATE0077	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/22/65-04/22/65	0	2	
GATE0081	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/22/65-04/22/65	0	2	
GATE0082	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/22/90-08/26/96	6	150	
GATE0090	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/26/80-08/26/96	16	276	A
GATE0095	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/07/73-01/08/74	0	4	
GATE0096	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/22/65-08/24/66	1	14	
GATE0097	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/22/65-08/24/66	1	26	
GATE0098	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/07/73-01/08/74	0	4	
GATE0103	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/07/73-01/08/74	0	4	
GATE0104	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/22/65-08/24/66	1	14	
GATE0105	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/22/65-04/22/65	0	2	
GATE0106	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/23/93	13	200	
GATE0111	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/02/86-08/27/90	4	70	
GATE0112	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/26/86-08/27/90	4	71	
GATE0119	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	16	263	A
GATE0120	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/26/86-08/27/90	4	69	
GATE0122	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/03/66-08/24/66	0	12	
GATE0124	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/07/73-01/08/74	0	4	
GATE0128	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/11/74-09/28/81	7	148	
GATE0132	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/26/96	16	276	A
GATE0138	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/07/73-01/08/74	0	4	
GATE0139	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/30/80-09/28/81	1	25	
GATE0143	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/03/66-08/24/66	0	12	
GATE0157	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/30/80-09/28/81	1	25	
GATE0161	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/72-04/17/72	0	1	
GATE0162	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/72-04/17/72	0	1	
GATE0163	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/11/66-08/22/67	1	2	
GATE0166	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/72-09/30/81	9	150	
GATE0167	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/30/80-09/28/81	1	25	
GATE0171	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/72-04/17/72	0	1	
GATE0184	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/02/88-08/30/95	7	118	
GATE0188	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/30/66-08/29/66	0	2	
GATE0201	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/72-09/30/81	9	150	
GATE0202	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/02/88-08/28/96	8	131	
GATE0207	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/72-09/30/81	9	148	
GATE0210	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/30/86-11/19/86	0	7	
GATE0211	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/30/86-11/19/86	0	7	
GATE0214	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/02/88-08/28/96	8	133	
GATE0227	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/24/93-08/24/93	0	10	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 04/23/18 To 08/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GATE0232	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/02/88-08/28/96	8	144	
GATE0248	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/08/74-09/30/81	7	148	
GATE0250	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/02/88-08/28/96	8	132	
GATE0256	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/02/88-08/30/95	7	118	
GATE0279	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	12/11/63-08/13/64	0	6	
GATE0292	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/72-11/30/76	4	2	
GATE0299	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/14/62-12/14/72	10	76	
GATE0306	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/07/62-01/23/68	5	40	
GATE0313	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/07/62-12/14/72	10	72	
GATE0326	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/07/62-01/23/68	5	31	
GATE0337	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/08/63-12/14/72	9	47	
GATE0339	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/12/63-11/26/63	0	20	
GATE0342	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/14/62-08/13/64	1	30	
GATE0347	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/31/62-11/06/62	0	14	
GATE0348	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/08/63-07/09/68	5	16	
GATE0352	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/01/62-03/20/68	5	69	
GATE0360	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/01/62-03/28/73	10	185	
GATE0365	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/08/73-01/08/74	0	4	
GATE0371	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/07/62-11/08/65	3	51	
GATE0373	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/01/62-03/20/68	5	69	
GATE0377	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/04/64-08/13/64	0	2	
GATE0381	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/08/63-01/23/68	4	9	
GATE0389	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/31/62-11/06/62	0	14	
GATE0391	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/07/62-08/13/64	2	46	
GATE0394	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	12/11/63-08/13/64	0	5	
GATE0396	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/16/63-06/05/67	3	21	
GATE0397	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/26/80-08/27/96	16	41	
GATE0398	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/06/65-10/31/72	7	63	
GATE0400	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/08/63-11/08/65	2	28	
GATE0401	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/29/64-04/05/71	6	460	
GATE0402	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/30/80-09/28/81	1	22	
GATE0403	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-09/06/95	15	217	A
GATE0404	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/12/63-11/26/63	0	20	
GATE0407	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/08/63-01/23/68	4	24	
GATE0411	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/30/80-09/28/81	1	22	
GATE0412	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-09/06/95	15	216	A
GATE0413	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/30/80-09/28/81	1	22	
GATE0415	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	12/11/63-08/11/64	0	5	
GATE0416	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	16	286	A
GATE0418	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/30/80-09/28/81	1	22	
GATE0419	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	12/11/63-08/11/64	0	5	
GATE0423	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	16	235	A
GATE0425	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	16	317	A
GATE0426	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/30/93-08/25/93	0	20	
GATE0427	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/30/80-09/28/81	1	22	
GATE0428	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/26/80-08/27/96	16	230	A
GATE0432	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	16	238	A
GATE0436	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	12/16/63-08/11/64	0	5	
GATE0439	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	12/16/63-08/11/64	0	5	
GATE0441	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/30/80-09/28/81	1	22	
GATE0021	No	31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	06/08/77-09/09/82	5	9	
GATE0030	Yes	31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	06/08/77-05/26/82	4	27	
GATE0038	Yes	31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	06/08/77-09/09/82	5	14	
GATE0093	Yes	31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	06/08/77-09/09/82	5	18	
GATE0101	Yes	31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	06/08/77-09/09/82	5	18	
GATE0102	Yes	31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	06/08/77-03/15/82	4	12	
GATE0121	No	31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	06/08/77-05/26/82	4	18	
GATE0140	No	31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	06/08/77-09/09/82	5	36	
GATE0144	No	31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	08/11/82-09/09/82	0	2	
GATE0271	No	31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	08/02/77-08/02/77	0	1	
GATE0358	No	31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	06/01/77-09/01/82	5	47	
GATE0361	No	31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	06/01/77-07/21/82	5	21	
GATE0369	No	31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	06/08/77-08/04/82	5	10	
GATE0409	No	31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	06/01/77-08/04/82	5	24	
GATE0012	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/01/83-08/30/83	0	14	
GATE0017	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	12/15/76-07/18/77	0	2	
GATE0018	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/01/83-08/30/83	0	14	
GATE0019	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/01/83-08/30/83	0	14	
GATE0020	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/11/53-09/15/66	13	273	
GATE0021	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/02/83-08/11/86	3	10	
GATE0023	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	12/15/76-07/18/77	0	2	
GATE0036	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/11/53-09/15/66	13	276	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 04/23/18 To 08/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GATE0037	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	12/15/76-07/18/77	0	2	
GATE0038	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/02/83-08/11/86	3	10	
GATE0045	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/15/77-08/15/77	0	12	
GATE0048	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/15/77-08/15/77	0	13	
GATE0049	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/01/83-08/30/83	0	14	
GATE0056	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/01/74-05/18/77	3	21	
GATE0058	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/01/83-08/30/83	0	14	
GATE0059	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	12/15/76-07/18/77	0	2	
GATE0060	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/10/75-07/16/77	1	25	
GATE0061	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/01/83-08/30/83	0	14	
GATE0066	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	12/15/76-07/18/77	0	2	
GATE0071	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/01/74-12/03/81	7	23	
GATE0074	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/01/83-09/10/83	0	15	
GATE0079	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	12/15/76-07/18/77	0	2	
GATE0085	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/15/77-08/28/79	2	33	
GATE0086	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/15/77-08/15/77	0	11	
GATE0088	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/10/75-07/16/77	1	29	
GATE0090	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/15/77-08/30/83	6	46	
GATE0092	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	12/15/76-07/18/77	0	2	
GATE0093	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/02/83-08/11/86	3	10	
GATE0095	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/10/54-09/15/66	12	272	
GATE0098	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/11/53-09/15/66	13	275	
GATE0099	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	12/15/76-07/18/77	0	2	
GATE0101	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/02/83-08/11/86	3	9	
GATE0103	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/09/53-09/15/66	13	271	
GATE0106	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/01/83-08/30/83	0	14	
GATE0107	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	12/15/76-07/18/77	0	2	
GATE0109	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/17/75-07/18/77	1	8	
GATE0116	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/19/78-08/28/79	1	21	
GATE0119	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/01/83-09/10/83	0	15	
GATE0124	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/11/53-09/15/66	13	273	
GATE0125	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/13/77-08/28/79	2	32	
GATE0129	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/01/74-05/18/77	3	23	
GATE0131	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/17/75-07/18/77	1	31	
GATE0132	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/01/83-08/30/83	0	14	
GATE0140	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/03/82-04/10/87	5	43	
GATE0144	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/02/83-08/11/86	3	10	
GATE0145	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/05/82-09/05/82	0	1	
GATE0148	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/17/75-07/18/77	1	6	
GATE0149	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/20/78-11/04/93	15	34	
GATE0150	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/20/78-08/08/79	0	30	
GATE0151	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/16/74-05/16/74	0	2	
GATE0152	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/05/82-09/05/82	0	1	
GATE0153	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	12/15/76-07/18/77	0	2	
GATE0155	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/07/77-07/16/77	0	18	
GATE0156	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/30/78-11/04/93	14	35	
GATE0158	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/30/78-08/10/79	0	30	
GATE0159	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/30/74-05/19/77	3	28	
GATE0160	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/30/74-05/17/77	3	30	
GATE0164	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/75-09/10/79	4	113	
GATE0168	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/27/73-09/30/81	7	164	
GATE0169	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/13/76-06/18/79	3	48	
GATE0170	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-07/01/75	2	8	
GATE0172	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	22	183	T,S
GATE0173	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	22	157	T,S
GATE0174	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/10/85-09/03/85	0	13	
GATE0177	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/10/85-09/03/85	0	13	
GATE0178	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/30/74-05/19/77	3	28	
GATE0180	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/74-11/04/93	19	47	
GATE0181	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	13	126	
GATE0182	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/17/85-09/03/85	0	11	
GATE0183	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/01/83-10/17/95	12	109	
GATE0186	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	22	183	T,S
GATE0187	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	13	126	
GATE0189	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/24/94	21	97	
GATE0191	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/10/85-09/03/85	0	12	
GATE0194	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	13	125	
GATE0195	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	13	126	
GATE0196	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	22	158	T,S
GATE0198	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/15/77-08/25/77	0	13	
GATE0203	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	16	143	
GATE0204	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	13	126	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 04/23/18 To 08/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GATE0205	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/30/74-05/19/77	3	28	
GATE0215	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	22	183	T,S
GATE0216	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/10/85-09/03/85	0	12	
GATE0217	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	16	150	
GATE0218	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-02/28/73	0	5	
GATE0220	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	22	182	T,S
GATE0221	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-02/28/73	0	5	
GATE0222	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/30/78-08/10/79	0	30	
GATE0223	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	22	156	T,S
GATE0225	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	16	150	
GATE0228	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-02/28/73	0	5	
GATE0230	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	21	163	
GATE0231	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/10/85-09/03/85	0	13	
GATE0235	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	22	135	S
GATE0237	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/30/74-05/19/77	3	27	
GATE0238	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-05/17/84	11	81	
GATE0239	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/10/85-09/03/85	0	13	
GATE0240	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-05/10/83	10	72	
GATE0242	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/10/85-09/03/85	0	13	
GATE0243	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/30/78-11/04/93	14	35	
GATE0244	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	22	183	T,S
GATE0245	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-02/28/73	0	5	
GATE0246	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/13/76-04/23/79	3	54	
GATE0250	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/15/77-08/25/77	0	14	
GATE0252	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-02/28/73	0	4	
GATE0253	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-05/10/83	10	72	
GATE0254	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-02/28/73	0	5	
GATE0255	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	22	155	T,S
GATE0256	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/17/77-07/05/77	0	4	
GATE0257	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/16/75-07/26/77	1	9	
GATE0258	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-05/10/83	10	71	
GATE0260	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	22	158	T,S
GATE0261	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	21	164	
GATE0263	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-02/28/73	0	5	
GATE0264	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-07/01/75	2	8	
GATE0266	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/17/74-10/17/95	21	151	
GATE0267	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-05/17/84	11	81	
GATE0268	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	16	150	
GATE0269	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-02/28/73	0	5	
GATE0270	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-07/01/75	2	8	
GATE0273	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	22	154	T,S
GATE0274	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	16	150	
GATE0275	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-02/28/73	0	5	
GATE0276	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	22	183	T,S
GATE0277	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-02/28/73	0	5	
GATE0278	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/10/85-09/03/85	0	13	
GATE0282	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/27/73-09/10/79	5	141	
GATE0283	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	22	157	T,S
GATE0284	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	21	161	
GATE0286	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	22	183	T,S
GATE0287	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	16	150	
GATE0289	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	16	149	
GATE0290	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	22	158	T,S
GATE0291	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-02/28/73	0	5	
GATE0294	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	16	143	
GATE0295	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/25/76-07/26/78	1	5	
GATE0296	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/27/73-09/30/81	7	149	
GATE0297	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	22	181	T,S
GATE0298	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-05/21/84	10	95	
GATE0299	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/14/62-06/01/67	4	49	
GATE0301	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	21	166	
GATE0304	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	21	159	
GATE0305	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	21	159	
GATE0306	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/07/62-06/01/67	4	51	
GATE0308	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-09/01/81	6	39	
GATE0310	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	21	170	
GATE0312	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-09/01/81	6	39	
GATE0313	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/07/62-06/01/67	4	50	
GATE0314	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	16	143	
GATE0318	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/25/76-09/30/81	4	13	
GATE0319	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	21	152	
GATE0320	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/16/75-07/26/77	1	9	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 04/23/18 To 08/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GATE0322	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-09/01/81	6	39	
GATE0325	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-09/01/81	6	39	
GATE0326	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/07/62-06/01/67	4	55	
GATE0329	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-05/21/84	10	86	
GATE0331	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-09/01/81	6	34	
GATE0332	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	16	142	
GATE0334	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	16	143	
GATE0337	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/13/63-06/01/67	4	55	
GATE0338	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	21	159	
GATE0341	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	16	138	
GATE0342	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/14/62-01/15/63	0	26	
GATE0344	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	16	143	
GATE0347	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/31/62-11/06/62	0	14	
GATE0348	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/13/63-09/10/63	0	46	
GATE0349	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	21	159	
GATE0352	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/31/62-11/30/62	0	18	
GATE0353	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	21	154	
GATE0354	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-09/01/81	6	39	
GATE0356	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/16/75-07/28/77	1	98	
GATE0358	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/03/82-04/10/87	5	48	
GATE0360	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/31/62-06/01/67	4	69	
GATE0364	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	21	159	
GATE0365	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/11/53-09/20/66	13	543	
GATE0366	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-06/16/95	20	145	
GATE0369	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/03/83-09/29/86	3	12	
GATE0370	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/03/82-04/10/87	5	38	
GATE0371	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/07/62-09/10/63	1	57	
GATE0372	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-03/12/90	14	130	
GATE0373	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/31/62-06/28/63	0	43	
GATE0374	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/13/76-09/10/79	3	73	
GATE0381	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/13/63-06/01/67	4	25	
GATE0384	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/16/75-07/28/77	1	42	
GATE0386	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-06/16/95	20	146	
GATE0389	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/31/62-11/06/62	0	14	
GATE0391	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/07/62-09/10/63	1	76	
GATE0393	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-03/12/90	14	124	
GATE0396	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/05/67-06/05/67	0	1	
GATE0400	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/13/63-09/10/63	0	47	
GATE0401	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/29/64-12/28/64	0	28	
GATE0403	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/02/83-09/10/83	0	15	
GATE0407	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/13/63-06/01/67	4	28	
GATE0409	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/03/82-03/24/86	4	16	
GATE0410	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/17/75-07/26/77	1	63	
GATE0412	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/02/83-09/10/83	0	15	
GATE0414	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/22/77-07/15/77	0	39	
GATE0416	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/15/77-09/10/83	6	47	
GATE0422	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/17/75-07/26/77	1	60	
GATE0423	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/02/83-09/10/83	0	15	
GATE0425	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/14/77-09/10/83	6	57	
GATE0428	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/02/83-09/10/83	0	15	
GATE0430	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/08/82-09/28/83	1	5	
GATE0432	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/02/83-09/10/83	0	15	
GATE0433	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/22/77-07/15/77	0	38	
GATE0437	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/16/75-07/26/77	1	54	
GATE0017	Yes	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/15/76-07/18/77	0	2	
GATE0023	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/15/76-07/18/77	0	2	
GATE0037	Yes	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/15/76-07/18/77	0	2	
GATE0059	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/15/76-07/18/77	0	2	
GATE0060	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/10/75-07/16/77	1	25	
GATE0066	Yes	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/15/76-07/18/77	0	2	
GATE0079	Yes	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/15/76-07/18/77	0	2	
GATE0088	Yes	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/10/75-07/16/77	1	29	
GATE0092	Yes	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/15/76-07/18/77	0	2	
GATE0099	Yes	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/15/76-07/18/77	0	2	
GATE0107	Yes	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/15/76-07/18/77	0	2	
GATE0109	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	09/17/75-07/18/77	1	8	
GATE0131	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	09/17/75-07/18/77	1	31	
GATE0148	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	09/17/75-07/18/77	1	6	
GATE0153	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/15/76-07/18/77	0	2	
GATE0155	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	06/07/77-07/16/77	0	18	
GATE0257	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	09/16/75-07/26/77	1	9	
GATE0320	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	09/16/75-07/26/77	1	9	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 04/23/18 To 08/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GATE0356	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	09/16/75-07/28/77	1	97	
GATE0384	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	09/16/75-07/28/77	1	42	
GATE0410	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	09/17/75-07/26/77	1	63	
GATE0414	Yes	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	04/22/77-07/15/77	0	39	
GATE0422	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	09/17/75-07/26/77	1	60	
GATE0433	Yes	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	04/22/77-07/15/77	0	38	
GATE0437	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	09/16/75-07/26/77	1	54	
GATE0056	No	31521	COLIFORM,TOT,MPN,IN BOT DEPOS,CONFIRM (MPN/100G)	05/01/74-03/24/76	1	10	
GATE0071	No	31521	COLIFORM,TOT,MPN,IN BOT DEPOS,CONFIRM (MPN/100G)	05/01/74-03/24/76	1	10	
GATE0129	Yes	31521	COLIFORM,TOT,MPN,IN BOT DEPOS,CONFIRM (MPN/100G)	05/01/74-03/24/76	1	9	
GATE0145	No	31521	COLIFORM,TOT,MPN,IN BOT DEPOS,CONFIRM (MPN/100G)	09/05/82-09/05/82	0	1	
GATE0151	No	31521	COLIFORM,TOT,MPN,IN BOT DEPOS,CONFIRM (MPN/100G)	05/16/74-05/16/74	0	1	
GATE0152	No	31521	COLIFORM,TOT,MPN,IN BOT DEPOS,CONFIRM (MPN/100G)	09/05/82-09/05/82	0	1	
GATE0159	No	31521	COLIFORM,TOT,MPN,IN BOT DEPOS,CONFIRM (MPN/100G)	04/30/74-09/01/76	2	12	
GATE0160	Yes	31521	COLIFORM,TOT,MPN,IN BOT DEPOS,CONFIRM (MPN/100G)	04/30/74-05/17/77	3	13	
GATE0178	Yes	31521	COLIFORM,TOT,MPN,IN BOT DEPOS,CONFIRM (MPN/100G)	04/30/74-09/01/76	2	12	
GATE0205	Yes	31521	COLIFORM,TOT,MPN,IN BOT DEPOS,CONFIRM (MPN/100G)	04/30/74-09/01/76	2	12	
GATE0237	Yes	31521	COLIFORM,TOT,MPN,IN BOT DEPOS,CONFIRM (MPN/100G)	04/30/74-09/01/76	2	11	
GATE0007	No	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	20	303	A
GATE0008	No	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	05/25/95-08/27/96	1	23	
GATE0021	No	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	08/13/74-09/09/82	8	29	
GATE0026	No	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	20	301	A
GATE0027	No	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	05/25/95-08/27/96	1	23	
GATE0030	Yes	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	08/13/74-05/26/82	7	55	
GATE0038	Yes	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	08/13/74-09/09/82	8	38	
GATE0055	No	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	05/25/95-08/27/96	1	23	
GATE0057	No	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	20	301	A
GATE0069	No	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	20	303	A
GATE0070	No	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	05/25/95-08/27/96	1	23	
GATE0093	Yes	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	08/13/74-09/09/82	8	41	
GATE0101	Yes	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	08/13/74-09/09/82	8	42	
GATE0102	Yes	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	08/13/74-03/15/82	7	37	
GATE0121	No	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	08/13/74-05/26/82	7	46	
GATE0128	Yes	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	20	302	A
GATE0130	Yes	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	05/25/95-08/27/96	1	23	
GATE0139	No	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	06/30/80-09/28/81	1	25	
GATE0140	No	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	08/13/74-09/09/82	8	62	
GATE0144	No	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	08/11/82-09/09/82	0	2	
GATE0157	No	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	06/30/80-09/28/81	1	25	
GATE0165	Yes	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	05/24/95-08/28/96	1	26	
GATE0166	Yes	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-08/31/94	20	321	A
GATE0167	No	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	06/30/80-09/28/81	1	25	
GATE0197	Yes	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	05/24/95-08/28/96	1	26	
GATE0201	Yes	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-08/31/94	20	320	A
GATE0207	Yes	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-10/05/87	13	227	
GATE0210	No	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/30/86-11/19/86	0	7	
GATE0211	No	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/30/86-11/19/86	0	7	
GATE0247	Yes	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	05/24/95-08/28/96	1	26	
GATE0248	Yes	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-08/31/94	20	318	A
GATE0292	Yes	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	11/30/76-11/30/76	0	1	
GATE0321	No	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	08/02/77-08/02/77	0	1	
GATE0346	No	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	01/16/74-06/19/74	0	9	
GATE0358	No	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	01/16/74-09/01/82	8	109	
GATE0361	No	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	07/31/74-07/21/82	7	44	
GATE0369	No	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	07/30/74-08/04/82	8	40	
GATE0380	No	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	01/16/74-06/19/74	0	9	
GATE0385	Yes	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	01/16/74-06/19/74	0	9	
GATE0402	Yes	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	06/30/80-09/28/81	1	22	
GATE0409	No	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	08/21/74-08/04/82	7	48	
GATE0411	Yes	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	06/30/80-09/28/81	1	22	
GATE0413	Yes	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	06/30/80-09/28/81	1	22	
GATE0418	Yes	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	06/30/80-09/22/81	1	21	
GATE0427	Yes	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	06/30/80-09/28/81	1	22	
GATE0441	No	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	06/30/80-09/28/81	1	22	
GATE0017	Yes	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/15/76-07/18/77	0	2	
GATE0023	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/15/76-07/18/77	0	2	
GATE0037	Yes	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/15/76-07/18/77	0	2	
GATE0059	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/15/76-07/18/77	0	2	
GATE0060	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/10/75-07/16/77	1	33	
GATE0066	Yes	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/15/76-07/18/77	0	2	
GATE0079	Yes	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/15/76-07/18/77	0	2	
GATE0088	Yes	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/10/75-07/16/77	1	28	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 04/23/18 To 08/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GATE0092	Yes	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/15/76-07/18/77	0	2	
GATE0099	Yes	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/15/76-07/18/77	0	2	
GATE0107	Yes	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/15/76-07/18/77	0	2	
GATE0109	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	09/17/75-07/18/77	1	8	
GATE0131	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	09/17/75-07/18/77	1	31	
GATE0148	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	09/17/75-07/18/77	1	6	
GATE0153	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/15/76-07/18/77	0	2	
GATE0155	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	06/07/77-07/16/77	0	24	
GATE0257	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	09/16/75-07/26/77	1	9	
GATE0320	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	09/16/75-07/26/77	1	9	
GATE0356	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	09/16/75-07/28/77	1	94	
GATE0384	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	09/16/75-07/28/77	1	41	
GATE0410	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	09/17/75-07/26/77	1	62	
GATE0414	Yes	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	04/22/77-07/15/77	0	40	
GATE0422	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	09/17/75-07/26/77	1	60	
GATE0433	Yes	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	04/22/77-07/15/77	0	36	
GATE0437	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	09/16/75-07/26/77	1	59	
GATE0012	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/01/83-08/30/83	0	14	
GATE0017	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/15/76-07/18/77	0	2	
GATE0018	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/01/83-08/30/83	0	14	
GATE0019	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/01/83-08/30/83	0	14	
GATE0021	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/02/83-08/11/86	3	10	
GATE0023	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/15/76-07/18/77	0	2	
GATE0037	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/15/76-07/18/77	0	2	
GATE0038	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/02/83-08/11/86	3	10	
GATE0045	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/21/77-08/18/77	0	5	
GATE0048	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/16/77-08/18/77	0	5	
GATE0049	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/01/83-08/30/83	0	14	
GATE0056	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/01/74-05/18/77	3	21	
GATE0058	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/01/83-08/30/83	0	14	
GATE0059	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/15/76-07/18/77	0	2	
GATE0060	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/10/75-07/16/77	1	33	
GATE0061	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/01/83-08/30/83	0	14	
GATE0066	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/15/76-07/18/77	0	2	
GATE0071	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/01/74-12/03/81	7	23	
GATE0074	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/01/83-09/10/83	0	15	
GATE0079	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/15/76-07/18/77	0	2	
GATE0085	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/16/77-08/29/79	2	27	
GATE0086	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/16/77-08/18/77	0	7	
GATE0088	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/10/75-07/16/77	1	28	
GATE0090	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/21/77-08/30/83	6	34	
GATE0092	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/15/76-07/18/77	0	2	
GATE0093	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/02/83-08/11/86	3	10	
GATE0099	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/15/76-07/18/77	0	2	
GATE0101	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/02/83-08/11/86	3	9	
GATE0106	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/01/83-08/30/83	0	14	
GATE0107	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/15/76-07/18/77	0	2	
GATE0109	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/17/75-07/18/77	1	8	
GATE0116	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/22/78-08/29/79	1	19	
GATE0119	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/01/83-09/10/83	0	15	
GATE0125	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/16/77-08/29/79	2	27	
GATE0129	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/01/74-05/18/77	3	23	
GATE0131	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/17/75-07/18/77	1	31	
GATE0132	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/01/83-08/30/83	0	14	
GATE0140	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/03/82-04/10/87	5	43	
GATE0144	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/02/83-08/11/86	3	10	
GATE0145	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/05/82-09/05/82	0	1	
GATE0148	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/17/75-07/18/77	1	6	
GATE0149	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/20/78-11/04/93	15	34	
GATE0150	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/20/78-08/08/79	0	30	
GATE0151	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/16/74-05/16/74	0	2	
GATE0152	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/05/82-09/05/82	0	1	
GATE0153	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/15/76-07/18/77	0	2	
GATE0155	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/07/77-07/16/77	0	24	
GATE0156	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/30/78-11/04/93	14	35	
GATE0158	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/30/78-08/10/79	0	30	
GATE0159	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/30/74-05/19/77	3	28	
GATE0160	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/30/74-05/17/77	3	30	
GATE0164	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/02/75-09/10/79	4	113	
GATE0166	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/29/85-08/29/85	0	1	
GATE0168	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/27/73-09/30/81	7	165	
GATE0169	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/13/76-06/18/79	3	48	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 04/23/18 To 08/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GATE0170	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/04/75-07/01/75	0	3	
GATE0172	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	21	178	
GATE0173	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	21	152	
GATE0178	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/30/74-05/19/77	3	28	
GATE0180	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/12/74-11/04/93	19	47	
GATE0181	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	13	126	
GATE0183	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/01/83-10/17/95	12	110	
GATE0186	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	21	178	
GATE0187	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	13	125	
GATE0189	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/24/94	21	97	
GATE0194	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	13	125	
GATE0195	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	13	125	
GATE0196	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	21	153	
GATE0198	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/15/77-08/25/77	0	12	
GATE0203	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	15	135	
GATE0204	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	13	125	
GATE0205	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/30/74-05/19/77	3	28	
GATE0215	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	22	183	T,S
GATE0217	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	16	148	
GATE0218	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-02/28/73	0	5	
GATE0220	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	22	182	T,S
GATE0221	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-02/28/73	0	5	
GATE0222	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/30/78-08/10/79	0	30	
GATE0223	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	21	151	
GATE0225	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	16	141	
GATE0230	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	21	163	
GATE0235	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/15/77-10/17/95	17	130	
GATE0237	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/30/74-05/19/77	3	27	
GATE0238	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-05/17/84	9	77	
GATE0240	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-05/10/83	8	67	
GATE0243	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/30/78-11/04/93	14	35	
GATE0244	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	21	178	
GATE0246	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/13/76-04/23/79	3	54	
GATE0250	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/15/77-08/25/77	0	13	
GATE0253	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-05/10/83	8	67	
GATE0255	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/19/74-10/17/95	21	150	
GATE0256	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/17/77-07/05/77	0	4	
GATE0257	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/16/75-07/26/77	1	9	
GATE0258	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/19/74-05/10/83	8	66	
GATE0260	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	22	158	T,S
GATE0261	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	21	162	
GATE0264	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/04/75-07/01/75	0	3	
GATE0266	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	21	151	
GATE0267	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/19/74-05/17/84	9	76	
GATE0268	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	16	150	
GATE0270	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/04/75-07/01/75	0	3	
GATE0273	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	22	154	T,S
GATE0274	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	16	142	
GATE0276	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	21	178	
GATE0282	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/27/73-09/10/79	5	141	
GATE0283	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	21	152	
GATE0284	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	21	154	
GATE0286	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	21	178	
GATE0287	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	16	142	
GATE0289	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	16	148	
GATE0290	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	21	153	
GATE0294	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	15	136	
GATE0295	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/25/76-07/26/78	1	5	
GATE0296	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/27/73-09/30/81	7	149	
GATE0297	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	22	181	T,S
GATE0298	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-05/21/84	10	87	
GATE0299	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/14/62-06/01/67	4	43	
GATE0301	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	21	158	
GATE0304	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	20	151	
GATE0305	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	20	151	
GATE0306	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/07/62-06/01/67	4	51	
GATE0308	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-09/01/81	6	39	
GATE0310	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	21	162	
GATE0312	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-09/01/81	6	39	
GATE0313	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/07/62-06/01/67	4	50	
GATE0314	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	15	135	
GATE0318	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/25/76-09/30/81	4	17	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 04/23/18 To 08/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GATE0319	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	21	152	
GATE0320	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/16/75-07/26/77	1	9	
GATE0322	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-09/01/81	6	39	
GATE0325	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-09/01/81	6	39	
GATE0326	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/07/62-06/01/67	4	55	
GATE0329	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-05/21/84	9	78	
GATE0331	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-09/01/81	6	34	
GATE0332	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	16	141	
GATE0334	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	15	135	
GATE0337	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/13/63-06/01/67	4	55	
GATE0338	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	20	151	
GATE0341	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	15	130	
GATE0342	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/14/62-01/15/63	0	24	
GATE0344	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	15	134	
GATE0347	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/31/62-11/06/62	0	12	
GATE0348	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/13/63-09/10/63	0	46	
GATE0349	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	20	151	
GATE0352	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/31/62-11/30/62	0	18	
GATE0353	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	20	146	
GATE0354	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-09/01/81	6	39	
GATE0356	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/16/75-07/28/77	1	93	
GATE0358	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/03/82-04/10/87	5	48	
GATE0360	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/31/62-06/01/67	4	69	
GATE0364	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	20	151	
GATE0366	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-06/16/95	20	144	
GATE0369	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/03/83-09/29/86	3	12	
GATE0370	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/03/82-04/10/87	5	38	
GATE0371	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/07/62-09/10/63	1	51	
GATE0372	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-03/12/90	14	129	
GATE0373	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/31/62-06/28/63	0	43	
GATE0374	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/13/76-09/10/79	3	73	
GATE0381	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/13/63-06/01/67	4	25	
GATE0384	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/16/75-07/28/77	1	41	
GATE0386	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-06/16/95	20	145	
GATE0389	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/31/62-11/06/62	0	10	
GATE0391	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/07/62-09/10/63	1	70	
GATE0393	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-03/12/90	14	123	
GATE0396	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/05/67-06/05/67	0	1	
GATE0400	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/13/63-09/10/63	0	47	
GATE0401	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/29/64-12/28/64	0	28	
GATE0403	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/02/83-09/10/83	0	15	
GATE0407	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/13/63-06/01/67	4	28	
GATE0409	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/03/82-03/24/86	4	16	
GATE0410	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/17/75-07/26/77	1	62	
GATE0412	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/02/83-09/10/83	0	15	
GATE0414	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/22/77-07/15/77	0	40	
GATE0416	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/16/77-09/10/83	6	34	
GATE0422	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/17/75-07/26/77	1	60	
GATE0423	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/02/83-09/10/83	0	15	
GATE0425	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/16/77-09/10/83	6	44	
GATE0428	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/02/83-09/10/83	0	15	
GATE0430	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/82-09/28/83	1	5	
GATE0432	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/02/83-09/10/83	0	15	
GATE0433	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/22/77-07/15/77	0	36	
GATE0437	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/16/75-07/26/77	1	59	
GATE0005	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/24/89-08/30/93	4	86	
GATE0010	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/24/89-08/26/96	7	160	
GATE0012	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	16	225	A
GATE0013	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/25/94-11/22/94	0	3	
GATE0014	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/22/65-04/22/65	0	2	
GATE0015	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/22/65-04/22/65	0	2	
GATE0016	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/22/65-04/22/65	0	2	
GATE0018	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	13	199	
GATE0019	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	13	191	
GATE0020	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/07/73-01/08/74	0	4	
GATE0022	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/22/65-08/24/66	1	14	
GATE0024	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/22/65-04/22/65	0	2	
GATE0034	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/28/92-08/26/96	4	96	
GATE0035	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/22/65-08/24/66	1	14	
GATE0036	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/07/73-01/08/74	0	3	
GATE0039	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/30/89-08/31/93	4	72	
GATE0040	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/31/94-08/26/96	2	84	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 04/23/18 To 08/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GATE0043	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/31/94-08/26/96	2	90	
GATE0049	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-10/25/94	14	207	
GATE0052	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/22/65-04/22/65	0	2	
GATE0058	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	13	194	
GATE0061	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	13	207	
GATE0063	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/30/89-08/30/89	0	14	
GATE0064	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/22/65-04/22/65	0	2	
GATE0067	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/22/65-04/22/65	0	2	
GATE0068	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/31/94-08/26/96	2	82	
GATE0073	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/22/65-04/22/65	0	2	
GATE0074	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	16	272	A
GATE0076	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/22/65-04/22/65	0	2	
GATE0077	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/22/65-04/22/65	0	2	
GATE0081	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/22/65-04/22/65	0	2	
GATE0082	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/22/90-08/26/96	6	154	
GATE0090	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	16	287	A
GATE0095	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/07/73-01/08/74	0	4	
GATE0096	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/22/65-08/24/66	1	14	
GATE0097	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/03/66-08/24/66	0	12	
GATE0098	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/07/73-01/08/74	0	3	
GATE0103	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/07/73-01/08/74	0	4	
GATE0104	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/22/65-08/24/66	1	14	
GATE0105	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/22/65-04/22/65	0	2	
GATE0106	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	13	203	
GATE0111	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/86-08/27/90	4	70	
GATE0112	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/26/86-08/27/90	4	71	
GATE0119	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	16	266	A
GATE0120	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/26/86-08/27/90	4	70	
GATE0122	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/03/66-08/24/66	0	12	
GATE0124	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/07/73-01/08/74	0	4	
GATE0132	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	16	280	A
GATE0138	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/07/73-01/08/74	0	4	
GATE0143	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/03/66-08/24/66	0	12	
GATE0161	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/72-04/17/72	0	1	
GATE0162	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/72-04/17/72	0	1	
GATE0163	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/11/66-08/22/67	1	2	
GATE0166	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/72-04/17/72	0	1	
GATE0171	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/72-04/17/72	0	1	
GATE0184	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/30/95	7	121	
GATE0188	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/30/66-08/29/66	0	2	
GATE0201	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/72-04/17/72	0	1	
GATE0202	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	8	134	
GATE0207	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/72-04/17/72	0	1	
GATE0214	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	8	136	
GATE0227	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/24/93-08/24/93	0	10	
GATE0232	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	8	146	
GATE0250	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	8	134	
GATE0256	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/30/95	7	122	
GATE0271	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/12/71-07/26/71	0	16	
GATE0279	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/11/63-08/13/64	0	6	
GATE0285	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/12/71-07/26/71	0	16	
GATE0292	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/72-04/17/72	0	1	
GATE0299	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/63-12/14/72	9	57	
GATE0306	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/63-01/23/68	4	32	
GATE0313	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/63-12/14/72	9	57	
GATE0321	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/12/71-07/26/71	0	16	
GATE0326	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/63-01/23/68	4	23	
GATE0337	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/63-12/14/72	9	70	
GATE0339	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/12/63-11/26/63	0	20	
GATE0342	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/11/63-08/13/64	0	6	
GATE0348	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/08/63-02/03/64	0	41	
GATE0352	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/12/63-03/20/68	4	33	
GATE0360	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/63-03/28/73	10	162	
GATE0361	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/12/71-07/26/71	0	16	
GATE0365	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/08/73-01/08/74	0	4	
GATE0371	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/63-11/04/64	1	32	
GATE0373	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/27/63-03/20/68	4	81	
GATE0377	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/04/64-08/13/64	0	2	
GATE0381	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/63-01/23/68	4	23	
GATE0391	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/63-08/13/64	1	48	
GATE0394	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/11/63-08/13/64	0	5	
GATE0396	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/63-11/26/63	0	20	

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Station/Parameter Period of Record Tabulation
From 04/23/18 To 08/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GATE0397	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/80-08/27/96	16	41	
GATE0398	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/13/64-10/31/72	8	50	
GATE0400	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/63-12/09/64	1	52	
GATE0401	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/04/65-04/05/71	6	447	
GATE0403	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/80-09/06/95	15	217	A
GATE0404	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/12/63-11/26/63	0	20	
GATE0407	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/63-01/23/68	4	41	
GATE0412	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-09/06/95	15	218	A
GATE0415	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/11/63-08/11/64	0	5	
GATE0416	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	16	294	A
GATE0419	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/11/63-08/11/64	0	5	
GATE0423	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	16	238	A
GATE0425	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	16	330	A
GATE0426	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/30/93-08/25/93	0	20	
GATE0428	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/80-08/27/96	16	233	A
GATE0432	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	16	241	A
GATE0436	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/16/63-08/11/64	0	5	
GATE0439	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/16/63-08/11/64	0	5	
GATE0172	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	7	29	
GATE0173	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	7	30	
GATE0174	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/85-09/03/85	0	13	
GATE0177	Yes	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/85-09/11/89	4	85	
GATE0179	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/04/87-09/13/93	6	146	
GATE0181	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/15/90-05/18/92	2	18	
GATE0182	Yes	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/17/85-09/13/93	8	159	
GATE0183	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	7	30	
GATE0185	Yes	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/10/93-09/13/93	0	18	
GATE0186	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	7	30	
GATE0187	Yes	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/15/90-05/18/92	2	18	
GATE0191	Yes	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/85-09/08/92	7	146	
GATE0193	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/08/87-09/11/89	2	60	
GATE0194	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/15/90-05/18/92	2	18	
GATE0195	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/15/90-05/18/92	2	18	
GATE0196	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	7	30	
GATE0200	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/04/87-09/13/93	6	142	
GATE0203	Yes	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/15/90-05/18/92	2	18	
GATE0204	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/15/90-05/18/92	2	18	
GATE0215	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	7	30	
GATE0216	Yes	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/85-09/13/93	8	159	
GATE0217	Yes	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/15/90-05/18/92	2	18	
GATE0219	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/04/87-09/13/93	6	140	
GATE0220	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	7	29	
GATE0223	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	7	30	
GATE0225	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/15/90-05/18/92	2	18	
GATE0226	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/11/87-09/13/93	6	130	
GATE0230	Yes	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/15/90-05/18/92	2	18	
GATE0231	Yes	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/85-09/13/93	8	160	
GATE0235	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	7	30	
GATE0239	Yes	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/85-09/13/93	8	162	
GATE0242	Yes	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/85-09/13/93	8	158	
GATE0244	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	7	30	
GATE0255	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	7	30	
GATE0260	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	7	30	
GATE0261	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/15/90-05/18/92	2	18	
GATE0266	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	7	30	
GATE0268	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/15/90-05/18/92	2	18	
GATE0273	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	7	30	
GATE0274	Yes	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/15/90-05/18/92	2	18	
GATE0276	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	7	30	
GATE0278	Yes	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/85-09/13/93	8	161	
GATE0280	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/27/88-08/15/88	0	8	
GATE0283	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	7	30	
GATE0284	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/15/90-05/18/92	2	18	
GATE0286	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	7	30	
GATE0287	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/15/90-05/18/92	2	18	
GATE0289	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/15/90-05/18/92	2	18	
GATE0290	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	7	30	
GATE0294	Yes	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/15/90-05/18/92	2	18	
GATE0297	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	7	30	
GATE0301	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/15/90-05/18/92	2	18	
GATE0304	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/15/90-05/18/92	2	18	
GATE0305	Yes	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/15/90-05/18/92	2	18	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 04/23/18 To 08/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GATE0310	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/15/90-05/18/92	2	18	
GATE0314	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/15/90-05/18/92	2	18	
GATE0319	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/15/90-05/18/92	2	18	
GATE0332	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/15/90-05/18/92	2	18	
GATE0334	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/15/90-05/18/92	2	18	
GATE0338	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/15/90-05/18/92	2	18	
GATE0341	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/15/90-05/18/92	2	18	
GATE0344	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/15/90-05/18/92	2	18	
GATE0349	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/15/90-05/18/92	2	18	
GATE0353	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/15/90-05/18/92	2	18	
GATE0364	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/15/90-05/18/92	2	18	
GATE0366	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/09/90-02/28/92	1	14	
GATE0372	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/09/90-02/28/92	1	15	
GATE0386	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/09/90-02/28/92	1	15	
GATE0393	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/09/90-02/28/92	1	15	
GATE0056	No	31641	FECAL COLIFORM,MPN IN BOT DEPOS,EC MED (MPN/100G)	05/01/74-03/24/76	1	10	
GATE0071	No	31641	FECAL COLIFORM,MPN IN BOT DEPOS,EC MED (MPN/100G)	05/01/74-03/24/76	1	10	
GATE0129	Yes	31641	FECAL COLIFORM,MPN IN BOT DEPOS,EC MED (MPN/100G)	05/01/74-03/24/76	1	9	
GATE0145	No	31641	FECAL COLIFORM,MPN IN BOT DEPOS,EC MED (MPN/100G)	09/05/82-09/05/82	0	1	
GATE0151	No	31641	FECAL COLIFORM,MPN IN BOT DEPOS,EC MED (MPN/100G)	05/16/74-05/16/74	0	1	
GATE0152	No	31641	FECAL COLIFORM,MPN IN BOT DEPOS,EC MED (MPN/100G)	09/05/82-09/05/82	0	1	
GATE0159	No	31641	FECAL COLIFORM,MPN IN BOT DEPOS,EC MED (MPN/100G)	04/30/74-09/01/76	2	12	
GATE0160	Yes	31641	FECAL COLIFORM,MPN IN BOT DEPOS,EC MED (MPN/100G)	04/30/74-05/17/77	3	13	
GATE0178	Yes	31641	FECAL COLIFORM,MPN IN BOT DEPOS,EC MED (MPN/100G)	04/30/74-09/01/76	2	12	
GATE0205	Yes	31641	FECAL COLIFORM,MPN IN BOT DEPOS,EC MED (MPN/100G)	04/30/74-09/01/76	2	12	
GATE0237	Yes	31641	FECAL COLIFORM,MPN IN BOT DEPOS,EC MED (MPN/100G)	04/30/74-09/01/76	2	11	
GATE0007	No	31649	ENTEROCOCCI- ME-MF N0/100ML	05/16/85-08/23/94	9	118	
GATE0008	No	31649	ENTEROCOCCI- ME-MF N0/100ML	05/30/95-08/27/96	1	21	
GATE0026	No	31649	ENTEROCOCCI- ME-MF N0/100ML	05/16/85-08/23/94	9	118	
GATE0027	No	31649	ENTEROCOCCI- ME-MF N0/100ML	05/30/95-08/27/96	1	21	
GATE0055	No	31649	ENTEROCOCCI- ME-MF N0/100ML	05/30/95-08/27/96	1	21	
GATE0057	No	31649	ENTEROCOCCI- ME-MF N0/100ML	05/16/85-08/23/94	9	118	
GATE0069	No	31649	ENTEROCOCCI- ME-MF N0/100ML	05/16/85-08/23/94	9	119	
GATE0070	No	31649	ENTEROCOCCI- ME-MF N0/100ML	05/30/95-08/27/96	1	21	
GATE0128	Yes	31649	ENTEROCOCCI- ME-MF N0/100ML	05/16/85-08/23/94	9	120	
GATE0130	Yes	31649	ENTEROCOCCI- ME-MF N0/100ML	05/30/95-08/27/96	1	21	
GATE0165	Yes	31649	ENTEROCOCCI- ME-MF N0/100ML	05/24/95-08/28/96	1	25	
GATE0166	Yes	31649	ENTEROCOCCI- ME-MF N0/100ML	08/05/84-08/31/94	10	132	
GATE0197	Yes	31649	ENTEROCOCCI- ME-MF N0/100ML	05/24/95-08/28/96	1	25	
GATE0201	Yes	31649	ENTEROCOCCI- ME-MF N0/100ML	08/05/84-08/31/94	10	131	
GATE0207	Yes	31649	ENTEROCOCCI- ME-MF N0/100ML	08/05/84-10/05/87	3	40	
GATE0247	Yes	31649	ENTEROCOCCI- ME-MF N0/100ML	05/24/95-08/28/96	1	25	
GATE0248	Yes	31649	ENTEROCOCCI- ME-MF N0/100ML	08/05/84-08/31/94	10	129	
GATE0007	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/20/77-09/07/77	0	2	
GATE0022	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/03/66-08/24/66	0	12	
GATE0026	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/20/77-09/07/77	0	2	
GATE0032	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	04/22/65-04/22/65	0	7	
GATE0035	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/03/66-08/24/66	0	12	
GATE0050	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	04/22/65-04/22/65	0	7	
GATE0057	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/20/77-09/07/77	0	2	
GATE0069	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/20/77-09/07/77	0	2	
GATE0071	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	01/14/87-09/03/88	1	2	
GATE0096	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/03/66-08/24/66	0	12	
GATE0097	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	04/22/65-08/24/66	1	20	
GATE0104	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/03/66-08/24/66	0	12	
GATE0122	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/03/66-08/24/66	0	12	
GATE0128	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/20/77-08/20/77	0	1	
GATE0143	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/03/66-08/24/66	0	12	
GATE0145	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	01/14/87-01/14/87	0	1	
GATE0147	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	01/14/87-09/04/88	1	2	
GATE0163	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/11/66-08/11/66	0	1	
GATE0166	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/20/77-09/07/77	0	2	
GATE0188	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/30/66-08/29/66	0	2	
GATE0201	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/20/77-08/20/77	0	1	
GATE0207	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/20/77-08/20/77	0	1	
GATE0248	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/20/77-08/20/77	0	1	
GATE0279	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	12/11/63-08/13/64	0	6	
GATE0299	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/14/62-08/24/66	4	63	
GATE0306	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/07/62-08/13/64	2	60	
GATE0313	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/07/62-08/24/66	4	63	
GATE0326	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/07/62-02/06/64	1	54	
GATE0337	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	02/13/63-02/03/64	0	64	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 04/23/18 To 08/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GATE0339	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/12/63-11/26/63	0	19	
GATE0342	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/14/62-08/13/64	1	27	
GATE0347	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/31/62-11/06/62	0	9	
GATE0348	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	02/13/63-02/03/64	0	57	
GATE0352	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/01/62-09/20/66	4	52	
GATE0360	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/01/62-09/20/66	4	130	
GATE0371	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/07/62-08/13/64	2	67	
GATE0373	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/01/62-09/20/66	4	98	
GATE0377	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/04/64-08/13/64	0	2	
GATE0381	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	02/13/63-02/03/64	0	30	
GATE0389	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/31/62-11/06/62	0	9	
GATE0391	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/07/62-08/13/64	2	88	
GATE0394	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	12/11/63-08/13/64	0	5	
GATE0396	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/63-11/26/63	0	20	
GATE0398	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	01/26/66-09/20/66	0	9	
GATE0400	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	02/13/63-08/11/64	1	64	
GATE0401	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/29/64-09/08/69	4	444	
GATE0404	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/12/63-11/26/63	0	20	
GATE0407	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	02/13/63-08/23/66	3	48	
GATE0415	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	12/11/63-08/11/64	0	5	
GATE0419	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	12/11/63-08/11/64	0	5	
GATE0436	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	12/16/63-08/11/64	0	5	
GATE0439	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	12/16/63-08/11/64	0	5	
GATE0145	No	31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	09/05/82-09/05/82	0	1	
GATE0152	No	31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	09/05/82-09/05/82	0	1	
GATE0164	Yes	31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	01/02/75-09/10/79	4	112	
GATE0168	Yes	31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	11/27/73-09/30/81	7	164	
GATE0169	Yes	31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	04/13/76-06/18/79	3	48	
GATE0246	Yes	31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	04/13/76-04/23/79	3	54	
GATE0282	Yes	31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	11/27/73-09/10/79	5	141	
GATE0296	No	31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	11/27/73-09/30/81	7	148	
GATE0318	No	31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	09/22/77-09/30/81	4	12	
GATE0374	No	31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	04/13/76-09/10/79	3	73	
GATE0149	No	31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	10/20/78-08/08/79	0	29	
GATE0150	No	31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	10/20/78-08/08/79	0	30	
GATE0156	No	31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	11/30/78-08/10/79	0	30	
GATE0158	No	31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	11/30/78-08/10/79	0	30	
GATE0170	No	31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	02/05/73-02/28/73	0	5	
GATE0172	No	31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	02/05/73-10/16/78	5	13	
GATE0173	No	31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	02/05/73-10/16/78	5	13	
GATE0180	No	31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	11/30/78-08/10/79	0	30	
GATE0181	No	31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	01/06/78-12/01/78	0	7	
GATE0186	No	31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	02/05/73-10/16/78	5	13	
GATE0187	Yes	31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	01/06/78-12/01/78	0	7	
GATE0189	No	31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	07/17/74-10/16/78	4	8	
GATE0194	No	31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	01/06/78-12/01/78	0	7	
GATE0195	No	31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	01/06/78-12/01/78	0	7	
GATE0196	No	31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	02/05/73-10/16/78	5	13	
GATE0203	Yes	31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	01/06/78-12/01/78	0	7	
GATE0204	No	31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	01/06/78-12/01/78	0	7	
GATE0215	No	31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	07/17/74-10/16/78	4	8	
GATE0217	Yes	31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	01/17/74-12/01/78	4	8	
GATE0220	No	31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	07/17/74-10/16/78	4	8	
GATE0222	No	31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	11/30/78-08/10/79	0	30	
GATE0223	No	31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	02/05/73-10/16/78	5	13	
GATE0225	No	31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	01/23/74-12/01/78	4	8	
GATE0228	No	31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	02/05/73-02/28/73	0	5	
GATE0230	Yes	31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	08/10/73-12/01/78	5	9	
GATE0235	No	31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	02/05/73-10/16/78	5	10	
GATE0238	No	31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	02/05/73-10/16/78	5	13	
GATE0240	No	31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	02/05/73-10/16/78	5	13	
GATE0243	No	31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	11/30/78-08/10/79	0	30	
GATE0244	No	31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	02/05/73-10/16/78	5	13	
GATE0245	No	31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	02/05/73-02/28/73	0	5	
GATE0252	No	31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	02/05/73-02/28/73	0	5	
GATE0253	No	31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	02/05/73-10/16/78	5	13	
GATE0254	No	31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	02/05/73-02/28/73	0	5	
GATE0255	No	31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	02/05/73-10/16/78	5	13	
GATE0258	No	31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	02/05/73-10/16/78	5	13	
GATE0260	No	31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	07/17/74-10/16/78	4	8	
GATE0261	No	31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	08/10/73-12/01/78	5	21	
GATE0263	No	31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	02/05/73-02/28/73	0	5	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 04/23/18 To 08/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GATE0264	No	31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	02/05/73-02/28/73	0	5	
GATE0266	No	31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	07/17/74-10/16/78	4	8	
GATE0267	No	31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	02/05/73-10/16/78	5	13	
GATE0268	No	31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	08/10/73-12/01/78	5	15	
GATE0269	No	31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	02/05/73-02/28/73	0	5	
GATE0270	No	31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	02/05/73-02/28/73	0	5	
GATE0273	No	31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	07/17/74-10/16/78	4	8	
GATE0274	Yes	31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	08/10/73-12/01/78	5	15	
GATE0275	No	31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	02/05/73-02/28/73	0	5	
GATE0276	No	31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	02/05/73-10/16/78	5	13	
GATE0277	No	31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	02/05/73-02/28/73	0	5	
GATE0283	No	31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	02/05/73-10/16/78	5	13	
GATE0284	No	31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	08/10/73-12/01/78	5	21	
GATE0286	No	31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	02/05/73-10/16/78	5	13	
GATE0287	No	31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	08/10/73-12/01/78	5	21	
GATE0289	No	31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	08/10/73-12/01/78	5	21	
GATE0290	No	31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	02/05/73-10/16/78	5	13	
GATE0291	No	31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	02/05/73-02/28/73	0	5	
GATE0294	Yes	31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	08/10/73-12/01/78	5	14	
GATE0297	No	31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	07/17/74-10/16/78	4	8	
GATE0298	No	31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	08/10/73-12/01/78	5	21	
GATE0301	No	31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	08/10/73-12/01/78	5	21	
GATE0304	No	31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	08/10/73-12/01/78	5	14	
GATE0305	Yes	31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	08/10/73-12/01/78	5	14	
GATE0310	No	31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	08/10/73-12/01/78	5	21	
GATE0314	No	31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	08/10/73-12/01/78	5	14	
GATE0319	No	31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	08/10/73-12/01/78	5	14	
GATE0329	No	31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	08/10/73-12/01/78	5	14	
GATE0332	No	31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	08/10/73-12/01/78	5	8	
GATE0334	No	31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	08/10/73-12/01/78	5	14	
GATE0338	No	31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	08/10/73-12/01/78	5	14	
GATE0341	No	31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	08/10/73-12/01/78	5	14	
GATE0344	No	31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	08/10/73-12/01/78	5	14	
GATE0349	No	31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	08/10/73-12/01/78	5	14	
GATE0353	No	31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	08/10/73-12/01/78	5	14	
GATE0364	No	31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	08/10/73-12/01/78	5	14	
GATE0401	No	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	09/22/69-04/05/71	1	36	
GATE0145	No	31690	FECAL STREPTOCOCCI,MPN IN BOT DEPOS,AD-EVA BROTH	09/05/82-09/05/82	0	2	
GATE0152	No	31690	FECAL STREPTOCOCCI,MPN IN BOT DEPOS,AD-EVA BROTH	09/05/82-09/05/82	0	2	
GATE0057	No	31710	STAPHYLOCOCCUS AUREUS MF TECH. CONF GRAM STAIN	08/12/78-08/12/78	0	1	
GATE0201	Yes	31710	STAPHYLOCOCCUS AUREUS MF TECH. CONF GRAM STAIN	07/29/78-07/29/78	0	1	
GATE0189	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	02/22/90-02/22/90	0	1	
GATE0211	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	06/14/84-11/12/86	2	18	
GATE0212	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	06/14/84-11/12/86	2	18	
GATE0353	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	09/19/90-09/19/90	0	1	
GATE0189	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	02/22/90-02/22/90	0	1	
GATE0211	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	06/14/84-11/12/86	2	18	
GATE0212	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	06/14/84-11/12/86	2	18	
GATE0353	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	09/19/90-09/19/90	0	1	
GATE0359	No	32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	02/21/76-02/21/76	0	1	
GATE0189	No	32104	BROMOFORM,WHOLE WATER,UG/L	02/22/90-02/22/90	0	1	
GATE0211	No	32104	BROMOFORM,WHOLE WATER,UG/L	06/14/84-11/12/86	2	18	
GATE0212	No	32104	BROMOFORM,WHOLE WATER,UG/L	06/14/84-11/12/86	2	18	
GATE0353	No	32104	BROMOFORM,WHOLE WATER,UG/L	09/19/90-09/19/90	0	1	
GATE0189	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	02/22/90-02/22/90	0	1	
GATE0211	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	06/14/84-11/12/86	2	18	
GATE0212	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	06/14/84-11/12/86	2	18	
GATE0353	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	09/19/90-09/19/90	0	1	
GATE0189	No	32106	CHLOROFORM,WHOLE WATER,UG/L	02/22/90-02/22/90	0	1	
GATE0211	No	32106	CHLOROFORM,WHOLE WATER,UG/L	06/14/84-11/12/86	2	18	
GATE0212	No	32106	CHLOROFORM,WHOLE WATER,UG/L	06/14/84-11/12/86	2	18	
GATE0353	No	32106	CHLOROFORM,WHOLE WATER,UG/L	09/19/90-09/19/90	0	1	
GATE0359	No	32106	CHLOROFORM,WHOLE WATER,UG/L	02/21/76-02/21/76	0	1	
GATE0005	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/28/92-08/16/93	1	8	
GATE0010	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/28/92-08/12/96	4	42	
GATE0012	Yes	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	09/08/83-08/12/96	12	27	
GATE0013	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/25/94-11/22/94	0	3	
GATE0018	Yes	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	09/08/83-08/16/93	9	9	
GATE0019	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	09/08/83-08/16/93	9	9	
GATE0021	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/27/74-08/11/86	11	37	
GATE0030	Yes	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/27/74-08/11/81	6	34	
GATE0034	Yes	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/28/92-08/12/96	4	40	

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Station/Parameter Period of Record Tabulation
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Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GATE0038	Yes	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/27/74-08/11/86	11	43	
GATE0039	Yes	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/27/92-08/17/93	1	8	
GATE0040	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/31/94-08/12/96	2	48	
GATE0043	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/31/94-08/12/96	2	48	
GATE0049	Yes	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	09/08/83-10/25/94	11	11	
GATE0058	Yes	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	09/08/83-08/16/93	9	9	
GATE0061	Yes	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	09/08/83-08/16/93	9	9	
GATE0068	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/31/94-08/12/96	2	41	
GATE0082	Yes	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/28/92-08/12/96	4	48	
GATE0090	Yes	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	09/08/83-08/12/96	12	62	
GATE0093	Yes	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/27/74-08/11/86	11	43	
GATE0101	Yes	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	07/09/75-08/11/86	11	37	
GATE0102	Yes	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/27/74-07/22/81	6	33	
GATE0106	Yes	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	09/08/83-08/16/93	9	9	
GATE0121	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/13/75-08/11/81	5	28	
GATE0132	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	09/08/83-08/12/96	12	46	
GATE0140	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	12/10/75-02/19/87	11	38	
GATE0144	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/11/82-08/11/86	4	8	
GATE0271	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/02/77-08/02/77	0	1	
GATE0285	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/02/77-08/02/77	0	1	
GATE0321	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/02/77-08/02/77	0	1	
GATE0358	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	07/02/75-02/20/87	11	66	
GATE0361	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/02/75-07/21/82	7	30	
GATE0369	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/13/75-09/29/86	11	33	
GATE0370	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/22/86-02/19/87	0	2	
GATE0403	Yes	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/27/92-08/17/92	0	4	
GATE0409	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/02/75-07/16/85	10	38	
GATE0412	Yes	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/27/92-08/17/92	0	4	
GATE0416	Yes	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/27/92-08/17/92	0	4	
GATE0423	Yes	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/27/92-08/17/92	0	4	
GATE0425	Yes	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/27/92-08/17/92	0	4	
GATE0428	Yes	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/27/92-08/17/92	0	4	
GATE0432	Yes	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/27/92-08/17/92	0	4	
GATE0021	No	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	08/27/74-08/11/86	11	37	
GATE0030	Yes	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	08/27/74-08/11/81	6	34	
GATE0038	Yes	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	08/27/74-08/11/86	11	43	
GATE0093	Yes	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	09/24/74-08/11/86	11	42	
GATE0101	Yes	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	07/09/75-08/11/86	11	36	
GATE0102	Yes	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	08/27/74-07/22/81	6	32	
GATE0121	No	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	08/13/75-08/11/81	5	29	
GATE0140	No	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	12/10/75-02/19/87	11	38	
GATE0144	No	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	08/11/82-08/11/86	4	8	
GATE0271	No	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	08/02/77-08/02/77	0	1	
GATE0285	No	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	08/02/77-08/02/77	0	1	
GATE0321	No	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	08/02/77-08/02/77	0	1	
GATE0358	No	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	07/02/75-02/20/87	11	67	
GATE0361	No	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	04/02/75-07/21/82	7	30	
GATE0369	No	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	08/13/75-09/29/86	11	32	
GATE0370	No	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	08/22/86-02/19/87	0	2	
GATE0387	No	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	06/05/74-06/05/74	0	1	
GATE0409	No	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	04/02/75-07/16/85	10	38	
GATE0021	No	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	09/24/74-08/11/86	11	36	
GATE0030	Yes	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	08/27/74-08/11/81	6	34	
GATE0038	Yes	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	08/27/74-08/11/86	11	43	
GATE0093	Yes	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	09/24/74-08/11/86	11	42	
GATE0101	Yes	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	07/09/75-08/11/86	11	36	
GATE0102	Yes	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	12/05/74-07/22/81	6	31	
GATE0121	No	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	08/13/75-08/11/81	5	29	
GATE0140	No	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	12/10/75-02/19/87	11	38	
GATE0144	No	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	08/11/82-08/11/86	4	8	
GATE0271	No	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	08/02/77-08/02/77	0	1	
GATE0285	No	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	08/02/77-08/02/77	0	1	
GATE0321	No	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	08/02/77-08/02/77	0	1	
GATE0358	No	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	07/02/75-02/20/87	11	67	
GATE0361	No	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	04/02/75-07/21/82	7	32	
GATE0369	No	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	08/13/75-09/29/86	11	33	
GATE0370	No	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	08/22/86-02/19/87	0	2	
GATE0409	No	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	04/02/75-07/16/85	10	38	
GATE0271	No	32230	CHLOROPHYLL A (MG/L)	07/13/71-07/20/71	0	3	
GATE0285	No	32230	CHLOROPHYLL A (MG/L)	07/15/71-07/22/71	0	2	
GATE0320	No	32230	CHLOROPHYLL A (MG/L)	10/02/75-10/02/75	0	1	
GATE0321	No	32230	CHLOROPHYLL A (MG/L)	07/13/71-07/20/71	0	2	

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Station/Parameter Period of Record Tabulation
From 04/23/18 To 08/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GATE0356	No	32230	CHLOROPHYLL A (MG/L)	10/02/75-10/02/75	0	1	
GATE0361	No	32230	CHLOROPHYLL A (MG/L)	07/13/71-07/13/71	0	1	
GATE0401	No	32230	CHLOROPHYLL A (MG/L)	01/19/70-04/05/71	1	13	
GATE0437	No	32230	CHLOROPHYLL A (MG/L)	10/02/75-10/02/75	0	1	
GATE0021	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	08/27/75-07/31/79	3	6	
GATE0030	Yes	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	08/27/75-09/17/81	6	7	
GATE0038	Yes	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	08/27/75-08/25/81	5	7	
GATE0093	Yes	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	08/27/75-09/17/81	6	8	
GATE0101	Yes	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	08/27/75-08/25/81	5	8	
GATE0102	Yes	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	08/27/75-08/25/81	5	7	
GATE0121	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	08/27/75-09/17/81	6	7	
GATE0140	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	08/27/75-08/25/81	5	7	
GATE0352	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	10/13/64-09/20/66	1	21	
GATE0358	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	08/20/75-09/17/81	6	13	
GATE0360	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	02/03/64-09/20/66	2	27	
GATE0361	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	08/20/75-09/03/80	5	7	
GATE0369	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	08/27/75-07/25/79	3	5	
GATE0373	Yes	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	10/13/64-09/20/66	1	22	
GATE0396	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/05/67-06/05/67	0	1	
GATE0398	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	03/16/64-09/20/66	2	24	
GATE0409	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	08/20/75-09/03/80	5	7	
GATE0189	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	02/22/90-02/22/90	0	1	
GATE0211	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	06/14/84-10/31/84	0	6	
GATE0212	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	06/14/84-10/31/84	0	6	
GATE0353	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/19/90-09/19/90	0	1	
GATE0189	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	02/22/90-02/22/90	0	1	
GATE0211	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	06/14/84-10/31/84	0	6	
GATE0212	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	06/14/84-10/31/84	0	6	
GATE0353	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/19/90-09/19/90	0	1	
GATE0212	No	34100	NITROGLYCERIN+ETHYLENE GLYCOL DINITRATE IR MG/L	07/11/84-10/31/84	0	5	
GATE0189	No	34200	ACENAPHTHYLENE TOTWUG/L	02/22/90-02/22/90	0	1	
GATE0211	No	34200	ACENAPHTHYLENE TOTWUG/L	06/14/84-10/31/84	0	6	
GATE0212	No	34200	ACENAPHTHYLENE TOTWUG/L	06/14/84-10/31/84	0	6	
GATE0353	No	34200	ACENAPHTHYLENE TOTWUG/L	09/19/90-09/19/90	0	1	
GATE0189	No	34205	ACENAPHTHENE TOTWUG/L	02/22/90-02/22/90	0	1	
GATE0211	No	34205	ACENAPHTHENE TOTWUG/L	06/14/84-10/31/84	0	6	
GATE0212	No	34205	ACENAPHTHENE TOTWUG/L	06/14/84-10/31/84	0	6	
GATE0353	No	34205	ACENAPHTHENE TOTWUG/L	09/19/90-09/19/90	0	1	
GATE0189	No	34220	ANTHRACENE TOTWUG/L	02/22/90-02/22/90	0	1	
GATE0211	No	34220	ANTHRACENE TOTWUG/L	06/14/84-10/31/84	0	6	
GATE0212	No	34220	ANTHRACENE TOTWUG/L	06/14/84-10/31/84	0	6	
GATE0353	No	34220	ANTHRACENE TOTWUG/L	09/19/90-09/19/90	0	1	
GATE0189	No	34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	02/22/90-02/22/90	0	1	
GATE0211	No	34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	06/14/84-10/31/84	0	3	
GATE0212	No	34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	06/14/84-10/31/84	0	3	
GATE0353	No	34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	09/19/90-09/19/90	0	1	
GATE0189	No	34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	02/22/90-02/22/90	0	1	
GATE0211	No	34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	10/04/84-10/31/84	0	2	
GATE0212	No	34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	10/04/84-10/31/84	0	2	
GATE0353	No	34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	09/19/90-09/19/90	0	1	
GATE0189	No	34247	BENZO-A-PYRENE TOTWUG/L	02/22/90-02/22/90	0	1	
GATE0211	No	34247	BENZO-A-PYRENE TOTWUG/L	07/11/84-10/31/84	0	5	
GATE0212	No	34247	BENZO-A-PYRENE TOTWUG/L	07/11/84-10/31/84	0	5	
GATE0353	No	34247	BENZO-A-PYRENE TOTWUG/L	09/19/90-09/19/90	0	1	
GATE0211	No	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	06/14/84-10/31/84	0	6	
GATE0212	No	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	06/14/84-10/31/84	0	6	
GATE0189	No	34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	02/22/90-02/22/90	0	1	
GATE0211	No	34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	06/14/84-10/31/84	0	6	
GATE0212	No	34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	06/14/84-10/31/84	0	6	
GATE0353	No	34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	09/19/90-09/19/90	0	1	
GATE0189	No	34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	02/22/90-02/22/90	0	1	
GATE0211	No	34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	06/14/84-10/31/84	0	6	
GATE0212	No	34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	06/14/84-10/31/84	0	6	
GATE0353	No	34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	09/19/90-09/19/90	0	1	
GATE0189	No	34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	02/22/90-02/22/90	0	1	
GATE0211	No	34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	06/14/84-06/14/84	0	1	
GATE0212	No	34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	06/14/84-06/14/84	0	1	
GATE0353	No	34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	09/19/90-09/19/90	0	1	
GATE0189	No	34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	02/22/90-02/22/90	0	1	
GATE0211	No	34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	06/14/84-10/31/84	0	6	
GATE0212	No	34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	06/14/84-10/31/84	0	6	
GATE0353	No	34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	09/19/90-09/19/90	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 04/23/18 To 08/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GATE0359	No	34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	02/21/76-02/21/76	0	1	
GATE0189	No	34301	CHLOROBENZENE TOTWUG/L	02/22/90-02/22/90	0	1	
GATE0211	No	34301	CHLOROBENZENE TOTWUG/L	06/14/84-11/12/86	2	18	
GATE0212	No	34301	CHLOROBENZENE TOTWUG/L	06/14/84-11/12/86	2	18	
GATE0353	No	34301	CHLOROBENZENE TOTWUG/L	09/19/90-09/19/90	0	1	
GATE0189	No	34311	CHLOROETHANE TOTWUG/L	02/22/90-02/22/90	0	1	
GATE0211	No	34311	CHLOROETHANE TOTWUG/L	06/14/84-11/12/86	2	18	
GATE0212	No	34311	CHLOROETHANE TOTWUG/L	06/14/84-11/12/86	2	18	
GATE0353	No	34311	CHLOROETHANE TOTWUG/L	09/19/90-09/19/90	0	1	
GATE0189	No	34320	CHRYSENE TOTWUG/L	02/22/90-02/22/90	0	1	
GATE0211	No	34320	CHRYSENE TOTWUG/L	06/14/84-10/31/84	0	6	
GATE0212	No	34320	CHRYSENE TOTWUG/L	06/14/84-10/31/84	0	6	
GATE0353	No	34320	CHRYSENE TOTWUG/L	09/19/90-09/19/90	0	1	
GATE0189	No	34336	DIETHYL PHTHALATE TOTWUG/L	02/22/90-02/22/90	0	1	
GATE0211	No	34336	DIETHYL PHTHALATE TOTWUG/L	07/11/84-10/31/84	0	5	
GATE0212	No	34336	DIETHYL PHTHALATE TOTWUG/L	07/11/84-10/31/84	0	5	
GATE0353	No	34336	DIETHYL PHTHALATE TOTWUG/L	09/19/90-09/19/90	0	1	
GATE0189	No	34341	DIMETHYL PHTHALATE TOTWUG/L	02/22/90-02/22/90	0	1	
GATE0211	No	34341	DIMETHYL PHTHALATE TOTWUG/L	06/14/84-10/31/84	0	6	
GATE0212	No	34341	DIMETHYL PHTHALATE TOTWUG/L	06/14/84-10/31/84	0	6	
GATE0353	No	34341	DIMETHYL PHTHALATE TOTWUG/L	09/19/90-09/19/90	0	1	
GATE0189	No	34346	1,2-DIPHENYLHYDRAZINE TOTWUG/L	02/22/90-02/22/90	0	1	
GATE0211	No	34346	1,2-DIPHENYLHYDRAZINE TOTWUG/L	06/14/84-10/31/84	0	6	
GATE0212	No	34346	1,2-DIPHENYLHYDRAZINE TOTWUG/L	06/14/84-10/31/84	0	6	
GATE0353	No	34346	1,2-DIPHENYLHYDRAZINE TOTWUG/L	09/19/90-09/19/90	0	1	
GATE0211	No	34351	ENDOSULFAN SULFATE TOTWUG/L	06/14/84-10/31/84	0	6	
GATE0212	No	34351	ENDOSULFAN SULFATE TOTWUG/L	06/14/84-10/31/84	0	6	
GATE0211	No	34356	ENDOSULFAN, BETA TOTWUG/L	06/14/84-10/31/84	0	6	
GATE0212	No	34356	ENDOSULFAN, BETA TOTWUG/L	06/14/84-10/31/84	0	6	
GATE0211	No	34361	ENDOSULFAN, ALPHA TOTWUG/L	06/14/84-10/31/84	0	6	
GATE0212	No	34361	ENDOSULFAN, ALPHA TOTWUG/L	06/14/84-10/31/84	0	6	
GATE0211	No	34366	ENDRIN ALDEHYDE TOTWUG/L	06/14/84-10/31/84	0	6	
GATE0212	No	34366	ENDRIN ALDEHYDE TOTWUG/L	06/14/84-10/31/84	0	6	
GATE0003	No	34370	ENDRIN ALDEHYDE WET WGTTISMG/KG	09/24/78-09/24/78	0	1	
GATE0072	Yes	34370	ENDRIN ALDEHYDE WET WGTTISMG/KG	07/18/78-07/18/78	0	4	
GATE0189	No	34371	ETHYLBENZENE TOTWUG/L	02/22/90-02/22/90	0	1	
GATE0211	No	34371	ETHYLBENZENE TOTWUG/L	06/14/84-10/31/84	0	6	
GATE0212	No	34371	ETHYLBENZENE TOTWUG/L	06/14/84-10/31/84	0	6	
GATE0353	No	34371	ETHYLBENZENE TOTWUG/L	09/19/90-09/19/90	0	1	
GATE0189	No	34376	FLUORANTHENE TOTWUG/L	02/22/90-02/22/90	0	1	
GATE0211	No	34376	FLUORANTHENE TOTWUG/L	06/14/84-10/31/84	0	6	
GATE0212	No	34376	FLUORANTHENE TOTWUG/L	06/14/84-10/31/84	0	6	
GATE0353	No	34376	FLUORANTHENE TOTWUG/L	09/19/90-09/19/90	0	1	
GATE0189	No	34381	FLUORENE TOTWUG/L	02/22/90-02/22/90	0	1	
GATE0211	No	34381	FLUORENE TOTWUG/L	06/14/84-10/31/84	0	6	
GATE0212	No	34381	FLUORENE TOTWUG/L	06/14/84-10/31/84	0	6	
GATE0353	No	34381	FLUORENE TOTWUG/L	09/19/90-09/19/90	0	1	
GATE0189	No	34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	02/22/90-02/22/90	0	1	
GATE0211	No	34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	06/14/84-10/31/84	0	6	
GATE0212	No	34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	06/14/84-10/31/84	0	6	
GATE0353	No	34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	09/19/90-09/19/90	0	1	
GATE0189	No	34391	HEXACHLOROBUTADIENE TOTWUG/L	02/22/90-02/22/90	0	1	
GATE0211	No	34391	HEXACHLOROBUTADIENE TOTWUG/L	06/14/84-10/31/84	0	6	
GATE0353	No	34391	HEXACHLOROBUTADIENE TOTWUG/L	09/19/90-09/19/90	0	1	
GATE0212	No	34392	HEXACHLOROBUTADIENE DISSUG/L	06/14/84-10/31/84	0	6	
GATE0054	Yes	34395	HEXACHLOROBUTADIENE WET WGTTISMG/KG	06/30/87-06/30/87	0	2	
GATE0340	No	34395	HEXACHLOROBUTADIENE WET WGTTISMG/KG	09/29/87-10/02/87	0	2	
GATE0375	No	34395	HEXACHLOROBUTADIENE WET WGTTISMG/KG	08/20/87-08/20/87	0	2	
GATE0189	No	34396	HEXACHLOROETHANE TOTWUG/L	02/22/90-02/22/90	0	1	
GATE0211	No	34396	HEXACHLOROETHANE TOTWUG/L	06/14/84-10/31/84	0	6	
GATE0212	No	34396	HEXACHLOROETHANE TOTWUG/L	06/14/84-10/31/84	0	6	
GATE0353	No	34396	HEXACHLOROETHANE TOTWUG/L	09/19/90-09/19/90	0	1	
GATE0189	No	34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	02/22/90-02/22/90	0	1	
GATE0211	No	34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	07/11/84-10/31/84	0	5	
GATE0212	No	34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	07/11/84-10/31/84	0	5	
GATE0353	No	34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	09/19/90-09/19/90	0	1	
GATE0189	No	34408	ISOPHORONE TOTWUG/L	02/22/90-02/22/90	0	1	
GATE0211	No	34408	ISOPHORONE TOTWUG/L	06/14/84-09/04/84	0	3	
GATE0212	No	34408	ISOPHORONE TOTWUG/L	06/14/84-09/04/84	0	3	
GATE0353	No	34408	ISOPHORONE TOTWUG/L	09/19/90-09/19/90	0	1	
GATE0189	No	34413	METHYL BROMIDE TOTWUG/L	02/22/90-02/22/90	0	1	
GATE0211	No	34413	METHYL BROMIDE TOTWUG/L	06/14/84-11/12/86	2	18	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 04/23/18 To 08/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GATE0212	No	34413	METHYL BROMIDE TOTWUG/L	06/14/84-11/12/86	2	18	
GATE0353	No	34413	METHYL BROMIDE TOTWUG/L	09/19/90-09/19/90	0	1	
GATE0189	No	34418	METHYL CHLORIDE TOTWUG/L	02/22/90-02/22/90	0	1	
GATE0211	No	34418	METHYL CHLORIDE TOTWUG/L	06/14/84-11/12/86	2	18	
GATE0212	No	34418	METHYL CHLORIDE TOTWUG/L	06/14/84-11/12/86	2	18	
GATE0353	No	34418	METHYL CHLORIDE TOTWUG/L	09/19/90-09/19/90	0	1	
GATE0189	No	34423	METHYLENE CHLORIDE TOTWUG/L	02/22/90-02/22/90	0	1	
GATE0211	No	34423	METHYLENE CHLORIDE TOTWUG/L	06/14/84-11/12/86	2	18	
GATE0212	No	34423	METHYLENE CHLORIDE TOTWUG/L	06/14/84-11/12/86	2	18	
GATE0353	No	34423	METHYLENE CHLORIDE TOTWUG/L	09/19/90-09/19/90	0	1	
GATE0189	No	34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	02/22/90-02/22/90	0	1	
GATE0211	No	34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	06/14/84-10/31/84	0	5	
GATE0212	No	34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	06/14/84-10/31/84	0	5	
GATE0353	No	34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	09/19/90-09/19/90	0	1	
GATE0189	No	34433	N-NITROSODIPHENYLAMINE TOTWUG/L	02/22/90-02/22/90	0	1	
GATE0211	No	34433	N-NITROSODIPHENYLAMINE TOTWUG/L	06/14/84-10/31/84	0	6	
GATE0212	No	34433	N-NITROSODIPHENYLAMINE TOTWUG/L	06/14/84-10/31/84	0	6	
GATE0353	No	34433	N-NITROSODIPHENYLAMINE TOTWUG/L	09/19/90-09/19/90	0	1	
GATE0189	No	34438	N-NITROSODIMETHYLAMINE TOTWUG/L	02/22/90-02/22/90	0	1	
GATE0353	No	34438	N-NITROSODIMETHYLAMINE TOTWUG/L	09/19/90-09/19/90	0	1	
GATE0189	No	34447	NITROBENZENE TOTWUG/L	02/22/90-02/22/90	0	1	
GATE0211	No	34447	NITROBENZENE TOTWUG/L	06/14/84-10/31/84	0	6	
GATE0212	No	34447	NITROBENZENE TOTWUG/L	06/14/84-10/31/84	0	6	
GATE0353	No	34447	NITROBENZENE TOTWUG/L	09/19/90-09/19/90	0	1	
GATE0189	No	34452	PARACHLOROMETA CRESOL TOTWUG/L	02/22/90-02/22/90	0	1	
GATE0211	No	34452	PARACHLOROMETA CRESOL TOTWUG/L	06/14/84-10/31/84	0	6	
GATE0212	No	34452	PARACHLOROMETA CRESOL TOTWUG/L	06/14/84-10/31/84	0	6	
GATE0353	No	34452	PARACHLOROMETA CRESOL TOTWUG/L	09/19/90-09/19/90	0	1	
GATE0211	No	34459	PCP (PENTACHLOROPHENOL) DISSUG/L	06/14/84-10/31/84	0	6	
GATE0212	No	34459	PCP (PENTACHLOROPHENOL) DISSUG/L	06/14/84-10/31/84	0	6	
GATE0189	No	34461	PHENANTHRENE TOTWUG/L	02/22/90-02/22/90	0	1	
GATE0211	No	34461	PHENANTHRENE TOTWUG/L	06/14/84-10/31/84	0	6	
GATE0212	No	34461	PHENANTHRENE TOTWUG/L	06/14/84-10/31/84	0	6	
GATE0353	No	34461	PHENANTHRENE TOTWUG/L	09/19/90-09/19/90	0	1	
GATE0189	No	34469	PYRENE TOTWUG/L	02/22/90-02/22/90	0	1	
GATE0211	No	34469	PYRENE TOTWUG/L	06/14/84-10/31/84	0	6	
GATE0212	No	34469	PYRENE TOTWUG/L	06/14/84-10/31/84	0	6	
GATE0353	No	34469	PYRENE TOTWUG/L	09/19/90-09/19/90	0	1	
GATE0189	No	34475	TETRACHLOROETHYLENE TOTWUG/L	02/22/90-02/22/90	0	1	
GATE0211	No	34475	TETRACHLOROETHYLENE TOTWUG/L	06/14/84-11/12/86	2	18	
GATE0212	No	34475	TETRACHLOROETHYLENE TOTWUG/L	06/14/84-11/12/86	2	18	
GATE0353	No	34475	TETRACHLOROETHYLENE TOTWUG/L	09/19/90-09/19/90	0	1	
GATE0359	No	34475	TETRACHLOROETHYLENE TOTWUG/L	02/21/76-02/21/76	0	1	
GATE0189	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	02/22/90-02/22/90	0	1	
GATE0211	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	06/14/84-11/12/86	2	18	
GATE0212	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	06/14/84-11/12/86	2	18	
GATE0353	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	09/19/90-09/19/90	0	1	
GATE0189	No	34496	1,1-DICHLOROETHANE TOTWUG/L	02/22/90-02/22/90	0	1	
GATE0211	No	34496	1,1-DICHLOROETHANE TOTWUG/L	06/14/84-11/12/86	2	18	
GATE0212	No	34496	1,1-DICHLOROETHANE TOTWUG/L	06/14/84-11/12/86	2	18	
GATE0353	No	34496	1,1-DICHLOROETHANE TOTWUG/L	09/19/90-09/19/90	0	1	
GATE0189	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	02/22/90-02/22/90	0	1	
GATE0211	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	06/14/84-11/12/86	2	18	
GATE0212	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	06/14/84-11/12/86	2	18	
GATE0353	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	09/19/90-09/19/90	0	1	
GATE0189	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	02/22/90-02/22/90	0	1	
GATE0211	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	06/14/84-11/12/86	2	18	
GATE0212	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	06/14/84-11/12/86	2	18	
GATE0353	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	09/19/90-09/19/90	0	1	
GATE0189	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	02/22/90-02/22/90	0	1	
GATE0211	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	06/14/84-11/12/86	2	18	
GATE0212	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	06/14/84-11/12/86	2	18	
GATE0353	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	09/19/90-09/19/90	0	1	
GATE0189	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	02/22/90-02/22/90	0	1	
GATE0211	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	06/14/84-11/12/86	2	17	
GATE0212	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	06/14/84-11/12/86	2	17	
GATE0353	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	09/19/90-09/19/90	0	1	
GATE0359	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	02/21/76-02/21/76	0	1	
GATE0189	No	34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	02/22/90-02/22/90	0	1	
GATE0211	No	34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	07/11/84-10/31/84	0	5	
GATE0212	No	34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	07/11/84-10/31/84	0	5	
GATE0353	No	34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	09/19/90-09/19/90	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 04/23/18 To 08/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GATE0189	No	34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	02/22/90-02/22/90	0	1	
GATE0211	No	34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	06/14/84-10/31/84	0	6	
GATE0212	No	34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	06/14/84-10/31/84	0	6	
GATE0353	No	34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	09/19/90-09/19/90	0	1	
GATE0189	No	34531	1,2-DICHLOROETHANE TOTWUG/L	02/22/90-02/22/90	0	1	
GATE0211	No	34531	1,2-DICHLOROETHANE TOTWUG/L	06/14/84-11/12/86	2	18	
GATE0212	No	34531	1,2-DICHLOROETHANE TOTWUG/L	06/14/84-11/12/86	2	18	
GATE0353	No	34531	1,2-DICHLOROETHANE TOTWUG/L	09/19/90-09/19/90	0	1	
GATE0189	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	02/22/90-02/22/90	0	1	
GATE0211	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	06/14/84-11/12/86	2	18	
GATE0212	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	06/14/84-11/12/86	2	18	
GATE0353	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	09/19/90-09/19/90	0	1	
GATE0189	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	02/22/90-02/22/90	0	1	
GATE0211	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	06/14/84-11/12/86	2	18	
GATE0212	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	06/14/84-11/12/86	2	18	
GATE0353	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	09/19/90-09/19/90	0	1	
GATE0189	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	02/22/90-02/22/90	0	1	
GATE0211	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	06/14/84-11/12/86	2	18	
GATE0212	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	06/14/84-11/12/86	2	18	
GATE0353	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	09/19/90-09/19/90	0	1	
GATE0189	No	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	02/22/90-02/22/90	0	1	
GATE0211	No	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	06/14/84-10/31/84	0	6	
GATE0212	No	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	06/14/84-10/31/84	0	6	
GATE0353	No	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	09/19/90-09/19/90	0	1	
GATE0054	Yes	34555	1,2,4-TRICHLOROBENZENE WET WGTTISMG/KG	06/30/87-06/30/87	0	2	
GATE0340	No	34555	1,2,4-TRICHLOROBENZENE WET WGTTISMG/KG	09/29/87-10/02/87	0	2	
GATE0375	No	34555	1,2,4-TRICHLOROBENZENE WET WGTTISMG/KG	08/20/87-08/20/87	0	2	
GATE0189	No	34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	02/22/90-02/22/90	0	1	
GATE0211	No	34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	07/11/84-10/31/84	0	5	
GATE0212	No	34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	07/11/84-10/31/84	0	5	
GATE0353	No	34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	09/19/90-09/19/90	0	1	
GATE0189	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	02/22/90-02/22/90	0	1	
GATE0211	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	06/14/84-11/12/86	2	18	
GATE0212	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	06/14/84-11/12/86	2	18	
GATE0353	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	09/19/90-09/19/90	0	1	
GATE0189	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	02/22/90-02/22/90	0	1	
GATE0211	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	06/14/84-11/12/86	2	18	
GATE0212	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	06/14/84-11/12/86	2	18	
GATE0353	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	09/19/90-09/19/90	0	1	
GATE0189	No	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	02/22/90-02/22/90	0	1	
GATE0211	No	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	06/14/84-11/12/86	2	18	
GATE0212	No	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	06/14/84-11/12/86	2	18	
GATE0353	No	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	09/19/90-09/19/90	0	1	
GATE0189	No	34581	2-CHLORONAPHTHALENE TOTWUG/L	02/22/90-02/22/90	0	1	
GATE0211	No	34581	2-CHLORONAPHTHALENE TOTWUG/L	06/14/84-10/31/84	0	6	
GATE0212	No	34581	2-CHLORONAPHTHALENE TOTWUG/L	06/14/84-10/31/84	0	6	
GATE0353	No	34581	2-CHLORONAPHTHALENE TOTWUG/L	09/19/90-09/19/90	0	1	
GATE0189	No	34586	2-CHLOROPHENOL TOTWUG/L	02/22/90-02/22/90	0	1	
GATE0211	No	34586	2-CHLOROPHENOL TOTWUG/L	06/14/84-10/31/84	0	6	
GATE0212	No	34586	2-CHLOROPHENOL TOTWUG/L	06/14/84-10/31/84	0	6	
GATE0353	No	34586	2-CHLOROPHENOL TOTWUG/L	09/19/90-09/19/90	0	1	
GATE0189	No	34591	2-NITROPHENOL TOTWUG/L	02/22/90-02/22/90	0	1	
GATE0211	No	34591	2-NITROPHENOL TOTWUG/L	06/14/84-10/31/84	0	6	
GATE0212	No	34591	2-NITROPHENOL TOTWUG/L	06/14/84-10/31/84	0	6	
GATE0353	No	34591	2-NITROPHENOL TOTWUG/L	09/19/90-09/19/90	0	1	
GATE0189	No	34596	DI-N-OCTYL PHTHALATE TOTWUG/L	02/22/90-02/22/90	0	1	
GATE0211	No	34596	DI-N-OCTYL PHTHALATE TOTWUG/L	06/14/84-10/31/84	0	6	
GATE0212	No	34596	DI-N-OCTYL PHTHALATE TOTWUG/L	06/14/84-10/31/84	0	6	
GATE0353	No	34596	DI-N-OCTYL PHTHALATE TOTWUG/L	09/19/90-09/19/90	0	1	
GATE0359	No	34596	DI-N-OCTYL PHTHALATE TOTWUG/L	02/21/76-02/21/76	0	1	
GATE0189	No	34601	2,4-DICHLOROPHENOL TOTWUG/L	02/22/90-02/22/90	0	1	
GATE0211	No	34601	2,4-DICHLOROPHENOL TOTWUG/L	06/14/84-10/31/84	0	6	
GATE0212	No	34601	2,4-DICHLOROPHENOL TOTWUG/L	06/14/84-10/31/84	0	6	
GATE0353	No	34601	2,4-DICHLOROPHENOL TOTWUG/L	09/19/90-09/19/90	0	1	
GATE0189	No	34606	2,4-DIMETHYLPHENOL TOTWUG/L	02/22/90-02/22/90	0	1	
GATE0211	No	34606	2,4-DIMETHYLPHENOL TOTWUG/L	06/14/84-10/31/84	0	6	
GATE0212	No	34606	2,4-DIMETHYLPHENOL TOTWUG/L	06/14/84-10/31/84	0	6	
GATE0353	No	34606	2,4-DIMETHYLPHENOL TOTWUG/L	09/19/90-09/19/90	0	1	
GATE0189	No	34611	2,4-DINITROTOLUENE TOTWUG/L	02/22/90-02/22/90	0	1	
GATE0211	No	34611	2,4-DINITROTOLUENE TOTWUG/L	06/14/84-10/31/84	0	6	
GATE0212	No	34611	2,4-DINITROTOLUENE TOTWUG/L	06/14/84-10/31/84	0	6	
GATE0353	No	34611	2,4-DINITROTOLUENE TOTWUG/L	09/19/90-09/19/90	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 04/23/18 To 08/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GATE0189	No	34616	2,4-DINITROPHENOL TOTWUG/L	02/22/90-02/22/90	0	1	
GATE0211	No	34616	2,4-DINITROPHENOL TOTWUG/L	06/14/84-10/31/84	0	6	
GATE0212	No	34616	2,4-DINITROPHENOL TOTWUG/L	06/14/84-10/31/84	0	6	
GATE0353	No	34616	2,4-DINITROPHENOL TOTWUG/L	09/19/90-09/19/90	0	1	
GATE0189	No	34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	02/22/90-02/22/90	0	1	
GATE0211	No	34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	06/14/84-10/31/84	0	6	
GATE0212	No	34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	06/14/84-10/31/84	0	6	
GATE0353	No	34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	09/19/90-09/19/90	0	1	
GATE0189	No	34626	2,6-DINITROTOLUENE TOTWUG/L	02/22/90-02/22/90	0	1	
GATE0211	No	34626	2,6-DINITROTOLUENE TOTWUG/L	06/14/84-10/31/84	0	6	
GATE0212	No	34626	2,6-DINITROTOLUENE TOTWUG/L	06/14/84-10/31/84	0	6	
GATE0353	No	34626	2,6-DINITROTOLUENE TOTWUG/L	09/19/90-09/19/90	0	1	
GATE0189	No	34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	02/22/90-02/22/90	0	1	
GATE0211	No	34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	07/11/84-10/31/84	0	5	
GATE0212	No	34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	07/11/84-10/31/84	0	5	
GATE0353	No	34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	09/19/90-09/19/90	0	1	
GATE0189	No	34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	02/22/90-02/22/90	0	1	
GATE0211	No	34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	06/14/84-10/31/84	0	6	
GATE0212	No	34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	06/14/84-10/31/84	0	6	
GATE0353	No	34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	09/19/90-09/19/90	0	1	
GATE0189	No	34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	02/22/90-02/22/90	0	1	
GATE0211	No	34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	06/14/84-06/14/84	0	1	
GATE0212	No	34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	06/14/84-06/14/84	0	1	
GATE0353	No	34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	09/19/90-09/19/90	0	1	
GATE0189	No	34646	4-NITROPHENOL TOTWUG/L	02/22/90-02/22/90	0	1	
GATE0211	No	34646	4-NITROPHENOL TOTWUG/L	06/14/84-10/31/84	0	6	
GATE0212	No	34646	4-NITROPHENOL TOTWUG/L	06/14/84-10/31/84	0	6	
GATE0353	No	34646	4-NITROPHENOL TOTWUG/L	09/19/90-09/19/90	0	1	
GATE0189	No	34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	02/22/90-02/22/90	0	1	
GATE0211	No	34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	06/14/84-10/31/84	0	6	
GATE0212	No	34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	06/14/84-10/31/84	0	6	
GATE0353	No	34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	09/19/90-09/19/90	0	1	
GATE0211	No	34668	DICHLORODIFUOROMETHANE TOTWUG/L	06/14/84-11/12/86	2	18	
GATE0212	No	34668	DICHLORODIFUOROMETHANE TOTWUG/L	06/14/84-11/12/86	2	18	
GATE0001	No	34682	CHLORDANE(TECH MIX & METABS),TISSUEWET WGTT,MG/KG	09/22/78-09/22/78	0	1	
GATE0003	No	34682	CHLORDANE(TECH MIX & METABS),TISSUEWET WGTT,MG/KG	09/24/78-09/24/78	0	1	
GATE0054	Yes	34685	ENDRIN WET WGTTISMG/KG	06/30/87-06/30/87	0	2	
GATE0340	No	34685	ENDRIN WET WGTTISMG/KG	09/29/87-10/02/87	0	2	
GATE0375	No	34685	ENDRIN WET WGTTISMG/KG	08/20/87-08/20/87	0	2	
GATE0054	Yes	34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	06/30/87-06/30/87	0	2	
GATE0072	Yes	34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	07/18/78-07/18/78	0	4	
GATE0340	No	34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	09/29/87-10/02/87	0	2	
GATE0375	No	34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	08/20/87-08/20/87	0	2	
GATE0054	Yes	34687	HEPTACHLOR WET WGTTISMG/KG	06/30/87-06/30/87	0	2	
GATE0072	Yes	34687	HEPTACHLOR WET WGTTISMG/KG	07/18/78-07/18/78	0	4	
GATE0340	No	34687	HEPTACHLOR WET WGTTISMG/KG	09/29/87-10/02/87	0	2	
GATE0375	No	34687	HEPTACHLOR WET WGTTISMG/KG	08/20/87-08/20/87	0	2	
GATE0001	No	34688	HEXACHLOROBENZENE WET WGTTISMG/KG	09/22/78-09/22/78	0	1	
GATE0003	No	34688	HEXACHLOROBENZENE WET WGTTISMG/KG	09/24/78-09/24/78	0	1	
GATE0054	Yes	34688	HEXACHLOROBENZENE WET WGTTISMG/KG	06/30/87-06/30/87	0	2	
GATE0340	No	34688	HEXACHLOROBENZENE WET WGTTISMG/KG	09/29/87-10/02/87	0	2	
GATE0375	No	34688	HEXACHLOROBENZENE WET WGTTISMG/KG	08/20/87-08/20/87	0	2	
GATE0001	No	34690	PCB - 1254 WET WGTTISMG/KG	09/22/78-09/22/78	0	1	
GATE0003	No	34690	PCB - 1254 WET WGTTISMG/KG	09/24/78-09/24/78	0	1	
GATE0072	Yes	34690	PCB - 1254 WET WGTTISMG/KG	07/18/78-07/18/78	0	4	
GATE0117	No	34690	PCB - 1254 WET WGTTISMG/KG	07/03/76-07/05/76	0	2	
GATE0262	No	34690	PCB - 1254 WET WGTTISMG/KG	07/16/76-07/16/76	0	2	
GATE0072	Yes	34691	TOXAPHENE WET WGTTISMG/KG	07/18/78-07/18/78	0	4	
GATE0189	No	34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	02/22/90-02/22/90	0	1	
GATE0211	No	34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	06/14/84-10/31/84	0	6	
GATE0212	No	34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	06/14/84-10/31/84	0	6	
GATE0353	No	34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	09/19/90-09/19/90	0	1	
GATE0189	No	34696	NAPHTHALENE TOTWUG/L	02/22/90-02/22/90	0	1	
GATE0211	No	34696	NAPHTHALENE TOTWUG/L	06/14/84-10/31/84	0	6	
GATE0212	No	34696	NAPHTHALENE TOTWUG/L	06/14/84-10/31/84	0	6	
GATE0353	No	34696	NAPHTHALENE TOTWUG/L	09/19/90-09/19/90	0	1	
GATE0189	No	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	02/22/90-02/22/90	0	1	
GATE0211	No	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	06/14/84-11/12/86	2	18	
GATE0212	No	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	06/14/84-11/12/86	2	18	
GATE0353	No	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	09/19/90-09/19/90	0	1	
GATE0189	No	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	02/22/90-02/22/90	0	1	
GATE0211	No	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	06/14/84-11/12/86	2	18	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

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Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GATE0212	No	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	06/14/84-11/12/86	2	18	
GATE0353	No	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	09/19/90-09/19/90	0	1	
GATE0011	No	34754	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN TISWETWTPG/G	09/08/87-09/08/87	0	1	
GATE0054	Yes	34754	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN TISWETWTPG/G	06/30/87-06/30/87	0	1	
GATE0340	No	34754	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN TISWETWTPG/G	09/29/87-10/02/87	0	2	
GATE0375	No	34754	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN TISWETWTPG/G	08/20/87-08/20/87	0	1	
GATE0168	Yes	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	09/11/78-09/30/81	3	7	
GATE0180	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/02/79-10/17/79	0	3	
GATE0296	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	09/11/78-09/30/81	3	7	
GATE0318	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/11/78-09/30/81	3	8	
GATE0054	Yes	38824	ISOPROPALIN TISWETWGTMG/KG	06/30/87-06/30/87	0	2	
GATE0340	No	38824	ISOPROPALIN TISWETWGTMG/KG	09/29/87-10/02/87	0	2	
GATE0375	No	38824	ISOPROPALIN TISWETWGTMG/KG	08/20/87-08/20/87	0	2	
GATE0189	No	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	02/22/90-02/22/90	0	1	
GATE0353	No	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	09/19/90-09/19/90	0	1	
GATE0054	Yes	39063	CHLORDANE-CIS ISOMER,TISSUE WET WGT (UG/G)	06/30/87-06/30/87	0	2	
GATE0340	No	39063	CHLORDANE-CIS ISOMER,TISSUE WET WGT (UG/G)	09/29/87-10/02/87	0	2	
GATE0375	No	39063	CHLORDANE-CIS ISOMER,TISSUE WET WGT (UG/G)	08/20/87-08/20/87	0	2	
GATE0054	Yes	39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	06/30/87-06/30/87	0	2	
GATE0340	No	39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	09/29/87-10/02/87	0	2	
GATE0375	No	39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	08/20/87-08/20/87	0	2	
GATE0054	Yes	39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	06/30/87-06/30/87	0	2	
GATE0340	No	39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	09/29/87-10/02/87	0	2	
GATE0375	No	39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	08/20/87-08/20/87	0	2	
GATE0189	No	39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	02/22/90-02/22/90	0	1	
GATE0353	No	39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	09/19/90-09/19/90	0	1	
GATE0359	No	39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	02/21/76-02/21/76	0	1	
GATE0001	No	39105	PERCENT FAT HEXANE EXTRACTION	09/22/78-09/22/78	0	1	
GATE0003	No	39105	PERCENT FAT HEXANE EXTRACTION	09/24/78-09/24/78	0	1	
GATE0072	Yes	39105	PERCENT FAT HEXANE EXTRACTION	07/18/78-07/18/78	0	4	
GATE0117	No	39105	PERCENT FAT HEXANE EXTRACTION	07/03/76-07/05/76	0	2	
GATE0262	No	39105	PERCENT FAT HEXANE EXTRACTION	07/16/76-07/16/76	0	2	
GATE0189	No	39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	02/22/90-02/22/90	0	1	
GATE0211	No	39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	07/11/84-10/31/84	0	5	
GATE0212	No	39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	07/11/84-10/31/84	0	5	
GATE0353	No	39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	09/19/90-09/19/90	0	1	
GATE0359	No	39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	02/21/76-02/21/76	0	1	
GATE0189	No	39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	02/22/90-02/22/90	0	1	
GATE0211	No	39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	06/14/84-10/31/84	0	6	
GATE0212	No	39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	06/14/84-10/31/84	0	6	
GATE0353	No	39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	09/19/90-09/19/90	0	1	
GATE0189	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	02/22/90-02/22/90	0	1	
GATE0211	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	06/14/84-11/12/86	2	18	
GATE0212	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	06/14/84-11/12/86	2	18	
GATE0353	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	09/19/90-09/19/90	0	1	
GATE0189	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	02/22/90-02/22/90	0	1	
GATE0211	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	06/14/84-11/12/86	2	18	
GATE0212	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	06/14/84-11/12/86	2	18	
GATE0353	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	09/19/90-09/19/90	0	1	
GATE0359	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	02/21/76-02/21/76	0	1	
GATE0211	No	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	06/14/84-10/31/84	0	6	
GATE0212	No	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	06/14/84-10/31/84	0	6	
GATE0001	No	39302	P P DDT IN TISSUE WET WGT (UG/G)	09/22/78-09/22/78	0	1	
GATE0003	No	39302	P P DDT IN TISSUE WET WGT (UG/G)	09/24/78-09/24/78	0	1	
GATE0211	No	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	06/14/84-10/31/84	0	6	
GATE0212	No	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	06/14/84-10/31/84	0	6	
GATE0001	No	39312	P P DDD IN TISSUE WET WGT (UG/G)	09/22/78-09/22/78	0	1	
GATE0003	No	39312	P P DDD IN TISSUE WET WGT (UG/G)	09/24/78-09/24/78	0	1	
GATE0054	Yes	39319	MONOCHLOROBIPHENYL,TOTAL, TISSUE,WET,WT,MG/KG	06/30/87-06/30/87	0	2	
GATE0340	No	39319	MONOCHLOROBIPHENYL,TOTAL, TISSUE,WET,WT,MG/KG	09/29/87-10/02/87	0	2	
GATE0375	No	39319	MONOCHLOROBIPHENYL,TOTAL, TISSUE,WET,WT,MG/KG	08/20/87-08/20/87	0	2	
GATE0211	No	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	06/14/84-10/31/84	0	6	
GATE0212	No	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	06/14/84-10/31/84	0	6	
GATE0054	Yes	39322	P,P'-DDE IN TISSUE WET WGT MG/KG	06/30/87-06/30/87	0	2	
GATE0340	No	39322	P,P'-DDE IN TISSUE WET WGT MG/KG	09/29/87-10/02/87	0	2	
GATE0375	No	39322	P,P'-DDE IN TISSUE WET WGT MG/KG	08/20/87-08/20/87	0	2	
GATE0211	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	06/14/84-10/31/84	0	6	
GATE0212	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	06/14/84-10/31/84	0	6	
GATE0401	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	06/09/69-07/06/70	1	2	
GATE0054	Yes	39335	DICHLOROBIPHENYL,TOTAL, TISSUE,WET,WT,MG/KG	06/30/87-06/30/87	0	2	
GATE0340	No	39335	DICHLOROBIPHENYL,TOTAL, TISSUE,WET,WT,MG/KG	09/29/87-10/02/87	0	2	
GATE0375	No	39335	DICHLOROBIPHENYL,TOTAL, TISSUE,WET,WT,MG/KG	08/20/87-08/20/87	0	2	

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Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GATE0211	No	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	06/14/84-10/31/84	0	6	
GATE0212	No	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	06/14/84-10/31/84	0	6	
GATE0211	No	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	06/14/84-10/31/84	0	6	
GATE0212	No	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	06/14/84-10/31/84	0	6	
GATE0054	Yes	39339	TRICHLOROBIPHENYL,TOTAL, TISSUE,WET,WT,MG/KG	06/30/87-06/30/87	0	2	
GATE0340	No	39339	TRICHLOROBIPHENYL,TOTAL, TISSUE,WET,WT,MG/KG	09/29/87-10/02/87	0	2	
GATE0375	No	39339	TRICHLOROBIPHENYL,TOTAL, TISSUE,WET,WT,MG/KG	08/20/87-08/20/87	0	2	
GATE0211	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	06/14/84-10/31/84	0	6	
GATE0401	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	06/09/69-07/06/70	1	2	
GATE0054	Yes	39345	TETRACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	06/30/87-06/30/87	0	2	
GATE0340	No	39345	TETRACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	09/29/87-10/02/87	0	2	
GATE0375	No	39345	TETRACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	08/20/87-08/20/87	0	2	
GATE0054	Yes	39347	PENTACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	06/30/87-06/30/87	0	2	
GATE0340	No	39347	PENTACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	09/29/87-10/02/87	0	2	
GATE0375	No	39347	PENTACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	08/20/87-08/20/87	0	2	
GATE0054	Yes	39354	HEPTACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	06/30/87-06/30/87	0	2	
GATE0340	No	39354	HEPTACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	09/29/87-10/02/87	0	2	
GATE0375	No	39354	HEPTACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	08/20/87-08/20/87	0	2	
GATE0054	Yes	39355	OCTACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	06/30/87-06/30/87	0	2	
GATE0340	No	39355	OCTACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	09/29/87-10/02/87	0	2	
GATE0375	No	39355	OCTACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	08/20/87-08/20/87	0	2	
GATE0401	No	39360	DDD IN WHOLE WATER SAMPLE (UG/L)	06/09/69-06/09/69	0	1	
GATE0401	No	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	06/09/69-06/09/69	0	1	
GATE0401	No	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	06/09/69-07/06/70	1	2	
GATE0072	Yes	39376	DDT SUM ANALOGS INTISSUE WET WGT BASIS	07/18/78-07/18/78	0	4	
GATE0211	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	06/14/84-10/31/84	0	6	
GATE0212	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	06/14/84-10/31/84	0	6	
GATE0401	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	06/09/69-07/06/70	1	2	
GATE0211	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	06/14/84-10/31/84	0	6	
GATE0212	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	06/14/84-10/31/84	0	6	
GATE0401	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	06/09/69-07/06/70	1	2	
GATE0001	No	39404	DIELDRIN IN TISSUE WET WGT (UG/G)	09/22/78-09/22/78	0	1	
GATE0003	No	39404	DIELDRIN IN TISSUE WET WGT (UG/G)	09/24/78-09/24/78	0	1	
GATE0054	Yes	39404	DIELDRIN IN TISSUE WET WGT (UG/G)	06/30/87-06/30/87	0	2	
GATE0072	Yes	39404	DIELDRIN IN TISSUE WET WGT (UG/G)	07/18/78-07/18/78	0	4	
GATE0340	No	39404	DIELDRIN IN TISSUE WET WGT (UG/G)	09/29/87-10/02/87	0	2	
GATE0375	No	39404	DIELDRIN IN TISSUE WET WGT (UG/G)	08/20/87-08/20/87	0	2	
GATE0054	Yes	39408	NONACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	06/30/87-06/30/87	0	2	
GATE0340	No	39408	NONACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	09/29/87-10/02/87	0	2	
GATE0375	No	39408	NONACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	08/20/87-08/20/87	0	2	
GATE0054	Yes	39409	DECACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	06/30/87-06/30/87	0	2	
GATE0340	No	39409	DECACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	09/29/87-10/02/87	0	2	
GATE0375	No	39409	DECACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	08/20/87-08/20/87	0	2	
GATE0211	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	07/11/84-10/31/84	0	5	
GATE0212	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	07/11/84-10/31/84	0	5	
GATE0401	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	06/09/69-07/06/70	1	2	
GATE0211	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	06/14/84-10/31/84	0	6	
GATE0212	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	06/14/84-10/31/84	0	6	
GATE0401	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	06/09/69-07/06/70	1	2	
GATE0212	No	39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	07/19/84-07/19/84	0	1	
GATE0212	No	39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	07/19/84-07/19/84	0	1	
GATE0382	No	39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	12/11/76-12/11/76	0	2	
GATE0212	No	39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	07/19/84-07/19/84	0	1	
GATE0117	No	39515	PCBS (MG/KG) FISH TISSUE MG/KG	07/03/76-07/05/76	0	2	
GATE0262	No	39515	PCBS (MG/KG) FISH TISSUE MG/KG	07/16/76-07/16/76	0	2	
GATE0176	No	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/15/77-09/15/77	0	1	
GATE0234	No	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/16/77-05/16/77	0	1	
GATE0281	No	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/15/77-09/15/77	0	1	
GATE0363	No	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/18/77-04/18/77	0	1	
GATE0368	No	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/25/77-05/25/77	0	1	
GATE0392	No	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/15/77-09/15/77	0	1	
GATE0189	No	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	02/22/90-02/22/90	0	1	
GATE0211	No	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	06/14/84-10/31/84	0	6	
GATE0212	No	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	06/14/84-10/31/84	0	6	
GATE0353	No	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	09/19/90-09/19/90	0	1	
GATE0212	No	39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	06/14/84-10/31/84	0	6	
GATE0001	No	39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	09/22/78-09/22/78	0	1	
GATE0054	Yes	39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	06/30/87-06/30/87	0	2	
GATE0072	Yes	39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	07/18/78-07/18/78	0	4	
GATE0340	No	39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	09/29/87-10/02/87	0	2	
GATE0375	No	39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	08/20/87-08/20/87	0	2	
GATE0168	Yes	45501	HYDROCARBON IN WATER, FREON EXT, CHROMAT, IR MG/L	09/11/78-06/14/79	0	5	

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Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GATE0180	No	45501	HYDROCARBON IN WATER, FREON EXT, CHROMAT, IR MG/L	07/02/79-10/17/79	0	3	
GATE0296	No	45501	HYDROCARBON IN WATER, FREON EXT, CHROMAT, IR MG/L	09/11/78-06/14/79	0	5	
GATE0318	No	45501	HYDROCARBON IN WATER, FREON EXT, CHROMAT, IR MG/L	06/29/78-06/14/79	0	7	
GATE0054	Yes	46333	PENTACHLORONITROBENZENE (PCNB) IN TISSUE WET MG/KG	06/30/87-06/30/87	0	2	
GATE0340	No	46333	PENTACHLORONITROBENZENE (PCNB) IN TISSUE WET MG/KG	09/29/87-10/02/87	0	2	
GATE0375	No	46333	PENTACHLORONITROBENZENE (PCNB) IN TISSUE WET MG/KG	08/20/87-08/20/87	0	2	
GATE0010	No	50060	CHLORINE, TOTAL RESIDUAL (MG/L)	03/21/94-08/26/96	2	41	
GATE0012	Yes	50060	CHLORINE, TOTAL RESIDUAL (MG/L)	06/28/94-08/26/96	2	32	
GATE0034	Yes	50060	CHLORINE, TOTAL RESIDUAL (MG/L)	06/01/94-08/26/96	2	37	
GATE0040	No	50060	CHLORINE, TOTAL RESIDUAL (MG/L)	01/31/94-08/26/96	2	48	
GATE0043	No	50060	CHLORINE, TOTAL RESIDUAL (MG/L)	01/31/94-08/26/96	2	47	
GATE0068	No	50060	CHLORINE, TOTAL RESIDUAL (MG/L)	01/31/94-08/26/96	2	48	
GATE0082	Yes	50060	CHLORINE, TOTAL RESIDUAL (MG/L)	01/31/94-08/26/96	2	48	
GATE0090	Yes	50060	CHLORINE, TOTAL RESIDUAL (MG/L)	01/31/94-08/26/96	2	47	
GATE0132	No	50060	CHLORINE, TOTAL RESIDUAL (MG/L)	01/31/94-08/26/96	2	47	
GATE0010	No	50064	CHLORINE, FREE AVAILABLE (MG/L)	03/21/94-08/26/96	2	41	
GATE0012	Yes	50064	CHLORINE, FREE AVAILABLE (MG/L)	06/28/94-08/26/96	2	32	
GATE0034	Yes	50064	CHLORINE, FREE AVAILABLE (MG/L)	06/01/94-08/26/96	2	37	
GATE0040	No	50064	CHLORINE, FREE AVAILABLE (MG/L)	01/31/94-08/26/96	2	48	
GATE0043	No	50064	CHLORINE, FREE AVAILABLE (MG/L)	01/31/94-08/26/96	2	47	
GATE0068	No	50064	CHLORINE, FREE AVAILABLE (MG/L)	01/31/94-08/26/96	2	48	
GATE0082	Yes	50064	CHLORINE, FREE AVAILABLE (MG/L)	01/31/94-08/26/96	2	48	
GATE0090	Yes	50064	CHLORINE, FREE AVAILABLE (MG/L)	01/31/94-08/26/96	2	47	
GATE0132	No	50064	CHLORINE, FREE AVAILABLE (MG/L)	01/31/94-08/26/96	2	47	
GATE0010	No	50066	CHLORINE, COMBINED AVAILABLE (MG/L)	03/21/94-09/26/94	0	19	
GATE0012	Yes	50066	CHLORINE, COMBINED AVAILABLE (MG/L)	06/28/94-09/28/94	0	8	
GATE0034	Yes	50066	CHLORINE, COMBINED AVAILABLE (MG/L)	06/01/94-09/28/94	0	11	
GATE0040	No	50066	CHLORINE, COMBINED AVAILABLE (MG/L)	01/31/94-09/26/94	0	22	
GATE0043	No	50066	CHLORINE, COMBINED AVAILABLE (MG/L)	01/31/94-09/26/94	0	21	
GATE0068	No	50066	CHLORINE, COMBINED AVAILABLE (MG/L)	01/31/94-09/26/94	0	22	
GATE0082	Yes	50066	CHLORINE, COMBINED AVAILABLE (MG/L)	01/31/94-09/27/94	0	22	
GATE0090	Yes	50066	CHLORINE, COMBINED AVAILABLE (MG/L)	01/31/94-09/27/94	0	21	
GATE0132	No	50066	CHLORINE, COMBINED AVAILABLE (MG/L)	01/31/94-09/26/94	0	23	
GATE0071	No	61500	MERCURY SLUDGE SOLID FRACTN,DRY WT,MG/KG	10/16/85-10/16/85	0	1	
GATE0196	No	70204	TIDE, DURATION BETWEEN ADJ. HIGHS OR LOWS (HOURS)	04/28/88-04/28/88	0	1	
GATE0271	No	70204	TIDE, DURATION BETWEEN ADJ. HIGHS OR LOWS (HOURS)	07/12/71-07/26/71	0	17	
GATE0285	No	70204	TIDE, DURATION BETWEEN ADJ. HIGHS OR LOWS (HOURS)	07/12/71-07/26/71	0	17	
GATE0321	No	70204	TIDE, DURATION BETWEEN ADJ. HIGHS OR LOWS (HOURS)	07/12/71-07/26/71	0	17	
GATE0361	No	70204	TIDE, DURATION BETWEEN ADJ. HIGHS OR LOWS (HOURS)	07/12/71-07/26/71	0	17	
GATE0149	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	06/12/76-11/04/93	17	41	
GATE0150	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	10/20/78-08/08/79	0	30	
GATE0156	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	11/30/78-11/04/93	14	40	
GATE0158	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	11/30/78-08/10/79	0	30	
GATE0164	Yes	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	01/02/75-04/17/78	3	58	
GATE0168	Yes	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	11/27/73-10/01/80	6	112	
GATE0169	Yes	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/23/77-04/17/78	1	19	
GATE0170	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-07/01/75	2	8	
GATE0172	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	22	211	T,S
GATE0173	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	22	187	T,S
GATE0180	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/26/76-11/04/93	17	47	
GATE0181	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	15	144	
GATE0183	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	06/01/83-10/17/95	12	141	
GATE0186	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	22	212	T,S
GATE0187	Yes	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	15	144	
GATE0189	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/24/94	21	96	
GATE0194	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	15	143	
GATE0195	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	15	144	
GATE0196	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	22	186	T,S
GATE0203	Yes	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	18	161	
GATE0204	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	15	144	
GATE0215	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	22	212	T,S
GATE0217	Yes	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	18	168	
GATE0218	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-02/28/73	0	5	
GATE0220	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	22	212	T,S
GATE0221	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-02/28/73	0	5	
GATE0222	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	11/30/78-08/10/79	0	31	
GATE0223	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	22	187	T,S
GATE0225	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	18	168	
GATE0228	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-02/28/73	0	5	
GATE0230	Yes	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	21	183	
GATE0235	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	22	167	T,S
GATE0238	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-05/17/84	11	83	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 04/23/18 To 08/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GATE0240	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-05/10/83	10	71	
GATE0243	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	11/30/78-11/04/93	14	40	
GATE0244	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	22	212	T,S
GATE0245	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-02/28/73	0	5	
GATE0246	Yes	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	01/11/77-12/13/77	0	20	
GATE0252	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-02/28/73	0	5	
GATE0253	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-05/10/83	10	71	
GATE0254	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-02/28/73	0	5	
GATE0255	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	22	187	T,S
GATE0258	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-05/10/83	10	71	
GATE0260	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	22	187	T,S
GATE0261	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	21	184	
GATE0263	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-02/28/73	0	5	
GATE0264	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-07/01/75	2	8	
GATE0266	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	07/17/74-10/17/95	21	181	
GATE0267	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-05/17/84	11	81	
GATE0268	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	18	168	
GATE0269	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-02/28/73	0	5	
GATE0270	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-07/01/75	2	8	
GATE0271	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	07/12/71-07/26/71	0	17	
GATE0273	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	22	184	T,S
GATE0274	Yes	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	18	168	
GATE0275	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-02/28/73	0	5	
GATE0276	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	22	212	T,S
GATE0277	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-02/28/73	0	5	
GATE0282	Yes	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	11/27/73-04/17/78	4	99	
GATE0283	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	22	186	T,S
GATE0284	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	21	184	
GATE0285	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	07/12/71-07/26/71	0	17	
GATE0286	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	22	212	T,S
GATE0287	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	18	168	
GATE0289	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	18	168	
GATE0290	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	22	187	T,S
GATE0291	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-02/28/73	0	5	
GATE0294	Yes	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	18	161	
GATE0295	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	10/25/76-07/26/78	1	4	
GATE0296	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	11/27/73-10/01/80	6	107	
GATE0297	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	22	211	T,S
GATE0298	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/21/84	10	95	
GATE0301	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	21	184	
GATE0304	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	21	177	
GATE0305	Yes	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	21	177	
GATE0308	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-09/01/81	6	39	
GATE0310	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	21	189	
GATE0312	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-09/01/81	6	39	
GATE0314	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	18	161	
GATE0318	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	10/25/76-06/14/79	2	13	
GATE0319	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	21	172	
GATE0321	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	07/12/71-07/26/71	0	17	
GATE0322	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-09/01/81	6	39	
GATE0325	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-09/01/81	6	39	
GATE0329	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/21/84	10	88	
GATE0331	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-09/01/81	6	34	
GATE0332	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	18	161	
GATE0334	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	18	161	
GATE0338	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	21	177	
GATE0341	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	18	156	
GATE0344	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	18	161	
GATE0349	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	21	177	
GATE0353	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	21	172	
GATE0354	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-09/01/81	6	39	
GATE0361	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	07/12/71-07/26/71	0	17	
GATE0364	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	21	177	
GATE0366	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-06/16/95	20	161	
GATE0372	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-02/28/92	16	145	
GATE0374	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	07/30/75-04/17/78	2	24	
GATE0386	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-06/16/95	20	161	
GATE0393	No	70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-02/28/92	16	140	
GATE0168	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/11/78-09/30/81	3	7	
GATE0180	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/02/79-10/17/79	0	3	
GATE0206	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/07/77-09/07/77	0	1	
GATE0296	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/11/78-09/30/81	3	7	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 04/23/18 To 08/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GATE0318	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/11/78-09/30/81	3	8	
GATE0206	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/07/77-09/07/77	0	1	
GATE0206	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/07/77-09/07/77	0	1	
GATE0020	No	70305	SALINITY BASED ON CONDUCTIVITY	11/07/73-01/08/74	0	4	
GATE0036	Yes	70305	SALINITY BASED ON CONDUCTIVITY	11/07/73-01/08/74	0	4	
GATE0056	No	70305	SALINITY BASED ON CONDUCTIVITY	05/01/74-03/08/77	2	10	
GATE0071	No	70305	SALINITY BASED ON CONDUCTIVITY	05/01/74-03/08/77	2	10	
GATE0095	Yes	70305	SALINITY BASED ON CONDUCTIVITY	11/07/73-01/08/74	0	4	
GATE0098	Yes	70305	SALINITY BASED ON CONDUCTIVITY	11/07/73-01/08/74	0	4	
GATE0103	Yes	70305	SALINITY BASED ON CONDUCTIVITY	11/07/73-01/08/74	0	4	
GATE0124	No	70305	SALINITY BASED ON CONDUCTIVITY	11/07/73-01/08/74	0	4	
GATE0129	Yes	70305	SALINITY BASED ON CONDUCTIVITY	05/01/74-03/08/77	2	12	
GATE0138	No	70305	SALINITY BASED ON CONDUCTIVITY	11/07/73-01/08/74	0	4	
GATE0151	No	70305	SALINITY BASED ON CONDUCTIVITY	05/16/74-05/16/74	0	2	
GATE0159	No	70305	SALINITY BASED ON CONDUCTIVITY	04/30/74-05/19/77	3	12	
GATE0160	Yes	70305	SALINITY BASED ON CONDUCTIVITY	04/30/74-05/17/77	3	14	
GATE0163	Yes	70305	SALINITY BASED ON CONDUCTIVITY	08/22/67-08/22/67	0	1	
GATE0178	Yes	70305	SALINITY BASED ON CONDUCTIVITY	04/30/74-05/19/77	3	12	
GATE0188	No	70305	SALINITY BASED ON CONDUCTIVITY	08/29/66-08/29/66	0	3	
GATE0205	Yes	70305	SALINITY BASED ON CONDUCTIVITY	04/30/74-05/19/77	3	12	
GATE0237	Yes	70305	SALINITY BASED ON CONDUCTIVITY	04/30/74-05/19/77	3	12	
GATE0299	No	70305	SALINITY BASED ON CONDUCTIVITY	09/13/66-12/14/72	6	31	
GATE0306	No	70305	SALINITY BASED ON CONDUCTIVITY	01/23/68-01/23/68	0	1	
GATE0313	No	70305	SALINITY BASED ON CONDUCTIVITY	01/23/68-12/14/72	4	20	
GATE0326	No	70305	SALINITY BASED ON CONDUCTIVITY	01/23/68-01/23/68	0	1	
GATE0337	No	70305	SALINITY BASED ON CONDUCTIVITY	01/23/68-06/06/72	4	23	
GATE0348	No	70305	SALINITY BASED ON CONDUCTIVITY	04/29/68-07/09/68	0	4	
GATE0352	No	70305	SALINITY BASED ON CONDUCTIVITY	03/14/68-03/14/68	0	3	
GATE0360	No	70305	SALINITY BASED ON CONDUCTIVITY	01/23/68-12/14/72	4	63	
GATE0365	No	70305	SALINITY BASED ON CONDUCTIVITY	11/08/73-01/08/74	0	4	
GATE0371	No	70305	SALINITY BASED ON CONDUCTIVITY	07/26/67-08/02/67	0	2	
GATE0381	Yes	70305	SALINITY BASED ON CONDUCTIVITY	01/23/68-01/23/68	0	1	
GATE0391	No	70305	SALINITY BASED ON CONDUCTIVITY	08/02/67-08/02/67	0	1	
GATE0396	No	70305	SALINITY BASED ON CONDUCTIVITY	06/05/67-06/05/67	0	1	
GATE0398	No	70305	SALINITY BASED ON CONDUCTIVITY	04/29/68-10/31/72	4	42	
GATE0407	No	70305	SALINITY BASED ON CONDUCTIVITY	01/23/68-01/23/68	0	1	
GATE0020	No	70307	SEA WATER, PERCENT	09/08/21-09/15/66	45	566	T,A,S
GATE0036	Yes	70307	SEA WATER, PERCENT	08/16/48-09/15/66	18	388	A
GATE0095	Yes	70307	SEA WATER, PERCENT	06/30/25-09/15/66	41	550	T,A,S
GATE0098	Yes	70307	SEA WATER, PERCENT	09/08/21-09/15/66	45	636	T,A,S
GATE0103	Yes	70307	SEA WATER, PERCENT	06/15/22-09/15/66	44	574	T,A,S
GATE0124	No	70307	SEA WATER, PERCENT	07/27/38-09/15/66	28	548	T,A,S
GATE0365	No	70307	SEA WATER, PERCENT	04/23/18-09/20/66	48	1347	A,S
GATE0145	No	70322	SOLIDS, VOLATILE, PERCENT OF TOTAL SOLIDS	08/23/83-08/23/83	0	1	
GATE0147	No	70322	SOLIDS, VOLATILE, PERCENT OF TOTAL SOLIDS	08/23/83-08/23/83	0	1	
GATE0210	No	70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	04/03/86-10/29/86	0	7	
GATE0211	No	70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	04/03/86-10/29/86	0	7	
GATE0012	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/09/83-09/08/83	0	3	
GATE0017	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	12/15/76-07/18/77	0	2	
GATE0018	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/09/83-09/08/83	0	3	
GATE0019	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/09/83-09/08/83	0	3	
GATE0023	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	12/15/76-07/18/77	0	2	
GATE0037	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	12/15/76-07/18/77	0	2	
GATE0049	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/09/83-09/08/83	0	3	
GATE0056	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/08/77-05/18/77	0	4	
GATE0058	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/09/83-09/08/83	0	4	
GATE0059	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	12/15/76-07/18/77	0	2	
GATE0061	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/09/83-09/08/83	0	4	
GATE0066	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	12/15/76-07/18/77	0	2	
GATE0071	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/08/77-05/18/77	0	4	
GATE0074	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/11/83-09/10/83	0	4	
GATE0079	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	12/15/76-07/18/77	0	2	
GATE0090	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/09/83-09/08/83	0	4	
GATE0092	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	12/15/76-07/18/77	0	2	
GATE0099	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	12/15/76-07/18/77	0	2	
GATE0106	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/09/83-09/08/83	0	4	
GATE0107	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	12/15/76-07/18/77	0	2	
GATE0109	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/17/75-07/18/77	1	8	
GATE0119	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/11/83-09/10/83	0	4	
GATE0129	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/08/77-05/18/77	0	4	
GATE0131	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/17/75-07/18/77	1	9	
GATE0132	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/09/83-09/08/83	0	4	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 04/23/18 To 08/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GATE0148	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/17/75-07/18/77	1	6	
GATE0153	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	12/15/76-07/18/77	0	2	
GATE0159	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/09/77-05/19/77	0	6	
GATE0160	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/09/77-05/17/77	0	8	
GATE0166	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/11/80-10/05/87	7	77	
GATE0178	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/09/77-05/19/77	0	6	
GATE0205	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/09/77-05/19/77	0	6	
GATE0206	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/07/77-09/07/77	0	1	
GATE0237	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/09/77-05/19/77	0	6	
GATE0257	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/16/75-07/26/77	1	9	
GATE0271	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/12/71-07/26/71	0	8	
GATE0285	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/12/71-07/26/71	0	8	
GATE0299	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/28/81-10/05/87	6	69	
GATE0313	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/11/80-08/19/80	0	8	
GATE0320	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/16/75-07/26/77	1	9	
GATE0321	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/12/71-07/26/71	0	8	
GATE0356	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/16/75-07/28/77	1	9	
GATE0361	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/12/71-07/26/71	0	8	
GATE0384	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/16/75-07/28/77	1	9	
GATE0403	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/04/83-08/31/83	0	4	
GATE0410	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/17/75-07/26/77	1	9	
GATE0412	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/04/83-08/31/83	0	4	
GATE0416	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/04/83-08/31/83	0	4	
GATE0422	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/17/75-07/26/77	1	9	
GATE0423	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/04/83-08/31/83	0	4	
GATE0425	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/04/83-08/31/83	0	4	
GATE0428	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/04/83-08/31/83	0	4	
GATE0432	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/04/83-08/31/83	0	4	
GATE0437	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/16/75-07/26/77	1	8	
GATE0011	No	70977	INSTRUMENT RATIO, LAB/FIELD CONCENTRATIONS, NUMBER	09/08/87-09/08/87	0	1	
GATE0054	Yes	70977	INSTRUMENT RATIO, LAB/FIELD CONCENTRATIONS, NUMBER	06/30/87-06/30/87	0	1	
GATE0340	No	70977	INSTRUMENT RATIO, LAB/FIELD CONCENTRATIONS, NUMBER	09/29/87-10/02/87	0	2	
GATE0375	No	70977	INSTRUMENT RATIO, LAB/FIELD CONCENTRATIONS, NUMBER	08/20/87-08/20/87	0	1	
GATE0161	No	71200	SALMONELLA, MEMBRANE FILTER (/100ML)	04/17/72-04/17/72	0	1	
GATE0166	Yes	71200	SALMONELLA, MEMBRANE FILTER (/100ML)	04/17/72-04/17/72	0	1	
GATE0292	Yes	71200	SALMONELLA, MEMBRANE FILTER (/100ML)	04/17/72-04/17/72	0	1	
GATE0057	No	71201	SALMONELLA (CELITE FILTRATION) 1=PRESENT,0=ABSENT	08/12/78-08/12/78	0	1	
GATE0201	Yes	71201	SALMONELLA (CELITE FILTRATION) 1=PRESENT,0=ABSENT	07/29/78-07/29/78	0	1	
GATE0056	No	71202	SALMONELLA FROM SEDIMENTS, INOC 1=PRESENT,0=ABS.	10/07/75-10/07/75	0	1	
GATE0071	No	71202	SALMONELLA FROM SEDIMENTS, INOC 1=PRESENT,0=ABS.	07/22/75-07/22/75	0	1	
GATE0129	Yes	71202	SALMONELLA FROM SEDIMENTS, INOC 1=PRESENT,0=ABS.	09/23/74-09/23/74	0	1	
GATE0159	No	71202	SALMONELLA FROM SEDIMENTS, INOC 1=PRESENT,0=ABS.	10/08/75-10/08/75	0	1	
GATE0160	Yes	71202	SALMONELLA FROM SEDIMENTS, INOC 1=PRESENT,0=ABS.	04/30/74-04/30/74	0	1	
GATE0178	Yes	71202	SALMONELLA FROM SEDIMENTS, INOC 1=PRESENT,0=ABS.	09/12/74-09/12/74	0	1	
GATE0205	Yes	71202	SALMONELLA FROM SEDIMENTS, INOC 1=PRESENT,0=ABS.	07/24/75-07/24/75	0	1	
GATE0237	Yes	71202	SALMONELLA FROM SEDIMENTS, INOC 1=PRESENT,0=ABS.	08/06/74-08/06/74	0	1	
GATE0248	Yes	71203	SALMONELLA BALSTON FILTRATION 1=PRESENT,O=ABSENT	07/31/79-07/31/79	0	1	
GATE0007	No	71220	PSEUDOMONAS AERUGINOSA,MF IN WATER,MPA MED,/100ML	06/25/91-08/27/91	0	9	
GATE0026	No	71220	PSEUDOMONAS AERUGINOSA,MF IN WATER,MPA MED,/100ML	06/25/91-08/27/91	0	9	
GATE0057	No	71220	PSEUDOMONAS AERUGINOSA,MF IN WATER,MPA MED,/100ML	08/12/78-08/27/91	13	10	
GATE0069	No	71220	PSEUDOMONAS AERUGINOSA,MF IN WATER,MPA MED,/100ML	07/25/79-08/27/91	12	10	
GATE0128	Yes	71220	PSEUDOMONAS AERUGINOSA,MF IN WATER,MPA MED,/100ML	06/25/91-08/27/91	0	9	
GATE0166	Yes	71220	PSEUDOMONAS AERUGINOSA,MF IN WATER,MPA MED,/100ML	07/10/79-08/21/91	12	6	
GATE0201	Yes	71220	PSEUDOMONAS AERUGINOSA,MF IN WATER,MPA MED,/100ML	07/29/78-08/21/91	13	7	
GATE0248	Yes	71220	PSEUDOMONAS AERUGINOSA,MF IN WATER,MPA MED,/100ML	07/31/79-08/21/91	12	6	
GATE0206	Yes	71887	NITROGEN, TOTAL, AS NO3 - MG/L	09/07/77-09/07/77	0	1	
GATE0017	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	12/15/76-12/15/76	0	1	
GATE0021	No	71900	MERCURY, TOTAL (UG/L AS HG)	08/13/74-08/11/86	11	28	
GATE0030	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	08/13/74-02/22/82	7	25	
GATE0037	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	12/15/76-12/15/76	0	1	
GATE0038	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	08/13/74-08/11/86	11	31	
GATE0059	No	71900	MERCURY, TOTAL (UG/L AS HG)	12/15/76-12/15/76	0	1	
GATE0066	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	12/15/76-12/15/76	0	1	
GATE0071	No	71900	MERCURY, TOTAL (UG/L AS HG)	12/03/81-12/03/81	0	2	
GATE0079	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	12/15/76-12/15/76	0	1	
GATE0092	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	12/15/76-12/15/76	0	1	
GATE0093	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	08/13/74-08/11/86	11	32	
GATE0099	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	12/15/76-12/15/76	0	1	
GATE0101	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	08/13/74-08/11/86	11	32	
GATE0102	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	08/13/74-03/15/82	7	24	
GATE0107	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	12/15/76-12/15/76	0	1	
GATE0109	No	71900	MERCURY, TOTAL (UG/L AS HG)	12/06/76-12/06/76	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 04/23/18 To 08/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GATE0121	No	71900	MERCURY, TOTAL (UG/L AS HG)	08/13/74-02/22/82	7	25	
GATE0131	No	71900	MERCURY, TOTAL (UG/L AS HG)	12/06/76-12/06/76	0	1	
GATE0140	No	71900	MERCURY, TOTAL (UG/L AS HG)	08/13/74-02/19/87	12	37	
GATE0144	No	71900	MERCURY, TOTAL (UG/L AS HG)	08/11/82-08/11/86	4	7	
GATE0153	No	71900	MERCURY, TOTAL (UG/L AS HG)	12/15/76-12/15/76	0	1	
GATE0168	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	09/11/78-09/30/81	3	7	
GATE0180	No	71900	MERCURY, TOTAL (UG/L AS HG)	09/12/74-10/17/79	5	12	
GATE0201	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	04/17/72-04/17/72	0	1	
GATE0206	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	09/07/77-09/07/77	0	1	
GATE0211	No	71900	MERCURY, TOTAL (UG/L AS HG)	06/14/84-11/12/86	2	19	
GATE0212	No	71900	MERCURY, TOTAL (UG/L AS HG)	06/14/84-11/12/86	2	19	
GATE0257	No	71900	MERCURY, TOTAL (UG/L AS HG)	12/09/76-12/09/76	0	1	
GATE0271	No	71900	MERCURY, TOTAL (UG/L AS HG)	07/13/71-08/02/77	6	7	
GATE0285	No	71900	MERCURY, TOTAL (UG/L AS HG)	07/13/71-08/02/77	6	7	
GATE0295	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/25/76-07/26/78	1	5	
GATE0296	No	71900	MERCURY, TOTAL (UG/L AS HG)	09/11/78-09/30/81	3	6	
GATE0299	No	71900	MERCURY, TOTAL (UG/L AS HG)	02/17/71-02/17/71	0	1	
GATE0310	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/25/76-07/26/78	1	5	
GATE0318	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/25/76-09/30/81	4	18	
GATE0320	No	71900	MERCURY, TOTAL (UG/L AS HG)	12/17/76-12/17/76	0	1	
GATE0321	No	71900	MERCURY, TOTAL (UG/L AS HG)	07/13/71-08/02/77	6	7	
GATE0346	No	71900	MERCURY, TOTAL (UG/L AS HG)	01/16/74-06/19/74	0	8	
GATE0356	No	71900	MERCURY, TOTAL (UG/L AS HG)	12/14/76-12/14/76	0	1	
GATE0358	No	71900	MERCURY, TOTAL (UG/L AS HG)	01/16/74-02/20/87	13	63	
GATE0360	No	71900	MERCURY, TOTAL (UG/L AS HG)	02/18/71-03/28/73	2	6	
GATE0361	No	71900	MERCURY, TOTAL (UG/L AS HG)	07/13/71-07/01/81	9	30	
GATE0369	No	71900	MERCURY, TOTAL (UG/L AS HG)	08/27/74-03/24/86	11	26	
GATE0370	No	71900	MERCURY, TOTAL (UG/L AS HG)	08/19/86-02/19/87	0	5	
GATE0380	No	71900	MERCURY, TOTAL (UG/L AS HG)	01/16/74-06/19/74	0	6	
GATE0384	No	71900	MERCURY, TOTAL (UG/L AS HG)	12/14/76-12/14/76	0	1	
GATE0385	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	01/16/74-06/19/74	0	7	
GATE0391	No	71900	MERCURY, TOTAL (UG/L AS HG)	09/23/91-09/23/91	0	1	
GATE0398	No	71900	MERCURY, TOTAL (UG/L AS HG)	05/02/72-05/02/72	0	2	
GATE0409	No	71900	MERCURY, TOTAL (UG/L AS HG)	08/21/74-03/24/86	11	31	
GATE0410	No	71900	MERCURY, TOTAL (UG/L AS HG)	12/09/76-12/09/76	0	1	
GATE0422	No	71900	MERCURY, TOTAL (UG/L AS HG)	12/09/76-12/09/76	0	1	
GATE0437	No	71900	MERCURY, TOTAL (UG/L AS HG)	12/17/76-12/17/76	0	1	
GATE0004	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	11/10/71-11/10/71	0	1	
GATE0009	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	05/15/75-05/15/75	0	1	
GATE0031	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	05/15/75-05/15/75	0	1	
GATE0042	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	11/10/71-11/10/71	0	1	
GATE0056	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	07/11/74-09/23/74	0	3	
GATE0065	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	05/15/75-05/15/75	0	1	
GATE0071	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	07/11/74-09/03/88	14	6	
GATE0075	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	11/15/71-11/15/71	0	1	
GATE0080	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	05/15/75-05/15/75	0	1	
GATE0083	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	11/10/71-11/10/71	0	1	
GATE0091	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	05/15/75-05/15/75	0	1	
GATE0108	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	05/15/75-05/15/75	0	1	
GATE0114	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	05/15/75-05/15/75	0	1	
GATE0127	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	01/31/72-01/31/72	0	1	
GATE0129	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	07/11/74-09/23/74	0	3	
GATE0133	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	05/15/75-05/15/75	0	1	
GATE0136	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	11/10/71-11/10/71	0	1	
GATE0141	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	05/15/75-05/15/75	0	1	
GATE0142	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	05/15/75-05/15/75	0	1	
GATE0145	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	01/14/87-01/14/87	0	1	
GATE0147	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	01/14/87-09/04/88	1	2	
GATE0151	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	05/16/74-05/16/74	0	1	
GATE0159	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	07/10/74-09/12/74	0	3	
GATE0160	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	04/30/74-09/12/74	0	4	
GATE0176	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/15/77-09/15/77	0	1	
GATE0178	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	07/10/74-09/12/74	0	3	
GATE0205	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	04/30/74-09/12/74	0	4	
GATE0209	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	11/26/71-11/26/71	0	1	
GATE0234	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	05/16/77-05/16/77	0	1	
GATE0237	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	04/30/74-09/12/74	0	4	
GATE0281	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/15/77-09/15/77	0	1	
GATE0309	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	08/15/74-08/15/74	0	1	
GATE0315	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	08/15/74-08/15/74	0	1	
GATE0316	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	08/15/74-08/15/74	0	1	
GATE0327	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	08/15/74-08/15/74	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 04/23/18 To 08/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GATE0328	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	08/15/74-08/15/74	0	1	
GATE0351	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	11/26/71-11/27/71	0	2	
GATE0357	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/14/77-09/14/77	0	1	
GATE0363	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	04/18/77-04/18/77	0	1	
GATE0368	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	05/25/77-05/25/77	0	1	
GATE0379	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	02/10/72-02/11/72	0	2	
GATE0392	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/15/77-09/15/77	0	1	
GATE0431	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	12/15/71-12/16/71	0	2	
GATE0434	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	12/15/71-12/16/71	0	2	
GATE0001	No	71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	09/22/78-09/22/78	0	1	
GATE0003	No	71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	09/24/78-09/24/78	0	1	
GATE0072	Yes	71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	07/18/78-07/18/78	0	4	
GATE0054	Yes	71935	MERCURY, TOTAL IN FISH (PPM,WET WEIGHT BASIS)	06/30/87-06/30/87	0	2	
GATE0340	No	71935	MERCURY, TOTAL IN FISH (PPM,WET WEIGHT BASIS)	09/29/87-10/02/87	0	2	
GATE0375	No	71935	MERCURY, TOTAL IN FISH (PPM,WET WEIGHT BASIS)	08/20/87-08/20/87	0	1	
GATE0072	Yes	71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	07/18/78-07/18/78	0	4	
GATE0056	No	71975	ORGANICS IN SEDIMENT GRAVIMETRICCORR.FOR H2O,MG/KG	05/01/74-03/24/76	1	9	
GATE0071	No	71975	ORGANICS IN SEDIMENT GRAVIMETRICCORR.FOR H2O,MG/KG	05/01/74-09/06/82	8	10	
GATE0129	Yes	71975	ORGANICS IN SEDIMENT GRAVIMETRICCORR.FOR H2O,MG/KG	07/11/74-03/24/76	1	7	
GATE0145	No	71975	ORGANICS IN SEDIMENT GRAVIMETRICCORR.FOR H2O,MG/KG	09/05/82-08/23/83	0	2	
GATE0147	No	71975	ORGANICS IN SEDIMENT GRAVIMETRICCORR.FOR H2O,MG/KG	08/23/83-08/23/83	0	1	
GATE0151	No	71975	ORGANICS IN SEDIMENT GRAVIMETRICCORR.FOR H2O,MG/KG	05/16/74-05/16/74	0	1	
GATE0152	No	71975	ORGANICS IN SEDIMENT GRAVIMETRICCORR.FOR H2O,MG/KG	09/05/82-09/05/82	0	1	
GATE0159	No	71975	ORGANICS IN SEDIMENT GRAVIMETRICCORR.FOR H2O,MG/KG	04/30/74-09/01/76	2	11	
GATE0160	Yes	71975	ORGANICS IN SEDIMENT GRAVIMETRICCORR.FOR H2O,MG/KG	04/30/74-05/17/77	3	12	
GATE0178	Yes	71975	ORGANICS IN SEDIMENT GRAVIMETRICCORR.FOR H2O,MG/KG	04/30/74-09/01/76	2	11	
GATE0205	Yes	71975	ORGANICS IN SEDIMENT GRAVIMETRICCORR.FOR H2O,MG/KG	04/30/74-09/01/76	2	11	
GATE0237	Yes	71975	ORGANICS IN SEDIMENT GRAVIMETRICCORR.FOR H2O,MG/KG	04/30/74-09/01/76	2	10	
GATE0206	Yes	72004	PUMP OR FLOW PERIOD PRIOR TO SAMPLING MINUTES	09/07/77-09/07/77	0	1	
GATE0241	No	72008	DEPTH, TOTAL OF WELL (FT BELOW LAND SURFACE DATUM)	08/29/67-05/22/75	7	9	
GATE0241	No	72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	03/25/68-09/25/72	4	6	
GATE0164	Yes	74010	IRON, TOTAL (MG/L AS FE)	05/17/79-09/10/79	0	7	
GATE0168	Yes	74010	IRON, TOTAL (MG/L AS FE)	05/17/79-09/10/79	0	9	
GATE0169	Yes	74010	IRON, TOTAL (MG/L AS FE)	05/21/79-06/18/79	0	2	
GATE0282	Yes	74010	IRON, TOTAL (MG/L AS FE)	05/17/79-09/10/79	0	9	
GATE0296	No	74010	IRON, TOTAL (MG/L AS FE)	05/30/79-05/30/79	0	1	
GATE0374	No	74010	IRON, TOTAL (MG/L AS FE)	05/17/79-09/10/79	0	9	
GATE0054	Yes	76530	BIPHENYL TISSUE ,WET WGT,MG/KG	06/30/87-06/30/87	0	2	
GATE0340	No	76530	BIPHENYL TISSUE ,WET WGT,MG/KG	09/29/87-10/02/87	0	2	
GATE0375	No	76530	BIPHENYL TISSUE ,WET WGT,MG/KG	08/20/87-08/20/87	0	2	
GATE0353	No	77134	1,3-DIMETHYLBENZENE(M-XYLENE) WHOLE WATER,UG/L	09/19/90-09/19/90	0	1	
GATE0160	Yes	77777	BIS-(4-CHLOROPHENYL) ETHER WHOLE WATER,UG/L	04/30/74-04/30/74	0	1	
GATE0353	No	78121	P-XYLENE + O-XYLENE,TOTAL,WHOLE WATER SAMPLE UG/L	09/19/90-09/19/90	0	1	
GATE0211	No	78440	PCB-1254 SEDWETWTMG/KG	07/19/84-07/19/84	0	1	
GATE0211	No	78441	PCB-1221 SEDWETWTMG/KG	07/19/84-07/19/84	0	1	
GATE0211	No	78443	PCB-1248 SEDWETWTMG/KG	07/19/84-07/19/84	0	1	
GATE0211	No	78444	PCB-1260 SEDWETWTMG/KG	07/19/84-07/19/84	0	1	
GATE0054	Yes	78907	HEXACHLOROBIPHENYLS IN FISH TISSUE WET WGT. MG/KG	06/30/87-06/30/87	0	2	
GATE0340	No	78907	HEXACHLOROBIPHENYLS IN FISH TISSUE WET WGT. MG/KG	09/29/87-10/02/87	0	2	
GATE0375	No	78907	HEXACHLOROBIPHENYLS IN FISH TISSUE WET WGT. MG/KG	08/20/87-08/20/87	0	2	
GATE0054	Yes	78922	NONACHLOR, TRANS, TISSUE, WET WEIGHT MG/KG	06/30/87-06/30/87	0	2	
GATE0340	No	78922	NONACHLOR, TRANS, TISSUE, WET WEIGHT MG/KG	09/29/87-10/02/87	0	2	
GATE0375	No	78922	NONACHLOR, TRANS, TISSUE, WET WEIGHT MG/KG	08/20/87-08/20/87	0	2	
GATE0054	Yes	78923	NONACHLOR, CIS, TISSUE, WET WEIGHT MG/KG	06/30/87-06/30/87	0	2	
GATE0340	No	78923	NONACHLOR, CIS, TISSUE, WET WEIGHT MG/KG	09/29/87-10/02/87	0	2	
GATE0375	No	78923	NONACHLOR, CIS, TISSUE, WET WEIGHT MG/KG	08/20/87-08/20/87	0	2	
GATE0054	Yes	79026	1,2,3,4,-TETRACHLOROBENZENE IN FISH WET WGT MG/KG	06/30/87-06/30/87	0	2	
GATE0340	No	79026	1,2,3,4,-TETRACHLOROBENZENE IN FISH WET WGT MG/KG	09/29/87-10/02/87	0	2	
GATE0375	No	79026	1,2,3,4,-TETRACHLOROBENZENE IN FISH WET WGT MG/KG	08/20/87-08/20/87	0	2	
GATE0054	Yes	81312	POLYCHLORINATEDBIPHENYLS FISH TISSUE WET WGT MG/KG	06/30/87-06/30/87	0	2	
GATE0340	No	81312	POLYCHLORINATEDBIPHENYLS FISH TISSUE WET WGT MG/KG	09/29/87-10/02/87	0	2	
GATE0375	No	81312	POLYCHLORINATEDBIPHENYLS FISH TISSUE WET WGT MG/KG	08/20/87-08/20/87	0	2	
GATE0072	Yes	81371	PCBS AROCLOR 1016&1242 IN FISH TISSUE WET WGT UG/G	07/18/78-07/18/78	0	4	
GATE0117	No	81371	PCBS AROCLOR 1016&1242 IN FISH TISSUE WET WGT UG/G	07/03/76-07/05/76	0	2	
GATE0262	No	81371	PCBS AROCLOR 1016&1242 IN FISH TISSUE WET WGT UG/G	07/16/76-07/16/76	0	2	
GATE0359	No	81435	BUTYL PHTHALYL BUTYL GLYCOLATE WHL WATER SMPL UG/L	02/21/76-02/21/76	0	1	
GATE0359	No	81445	DIISOBUTYL PHTHALATE WHL WATER SMPL UG/L	02/21/76-02/21/76	0	1	
GATE0359	No	81446	DIOCTYL ADIPATE WHL WATER SMPL UG/L	02/21/76-02/21/76	0	1	
GATE0359	No	81452	FATTY ACID METHYL ESTER CÖ14 WHL WATER SMPL UG/L	02/21/76-02/21/76	0	1	
GATE0359	No	81454	FATTY ACID METHYL ESTER CÖ16 WHL WATER SMPL UG/L	02/21/76-02/21/76	0	1	
GATE0359	No	81460	FATTY ACID METHYL ESTER CÖ22 WHL WATER SMPL UG/L	02/21/76-02/21/76	0	1	
GATE0359	No	81469	HYDROCARBON CÖ14 WHL WATER SMPL UG/L	02/21/76-02/21/76	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 04/23/18 To 08/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GATE0359	No	81471	HYDROCARBON CÖ16 WHL WATER SMPL UG/L	02/21/76-02/21/76	0	1	
GATE0359	No	81475	HYDROCARBON CÖ20 WHL WATER SMPL UG/L	02/21/76-02/21/76	0	1	
GATE0359	No	81476	HYDROCARBON CÖ22 WHL WATER SMPL UG/L	02/21/76-02/21/76	0	1	
GATE0359	No	81477	HYDROCARBON CÖ24 WHL WATER SMPL UG/L	02/21/76-02/21/76	0	1	
GATE0359	No	81478	HYDROCARBON CÖ26 WHL WATER SMPL UG/L	02/21/76-02/21/76	0	1	
GATE0359	No	81479	HYDROCARBON CÖ28 WHL WATER SMPL UG/L	02/21/76-02/21/76	0	1	
GATE0359	No	81488	METHYL LAURATE WHL WATER SMPL UG/L	02/21/76-02/21/76	0	1	
GATE0359	No	81489	METHYL MYRISTATE WHL WATER SMPL UG/L	02/21/76-02/21/76	0	1	
GATE0359	No	81491	METHYL PALMITATE WHL WATER SMPL UG/L	02/21/76-02/21/76	0	1	
GATE0359	No	81492	METHYL PENTACHLOROPHENYL ETHER WHL WATER SMPL UG/L	02/21/76-02/21/76	0	1	
GATE0359	No	81494	METHYL STEARATE WHL WATER SMPL UG/L	02/21/76-02/21/76	0	1	
GATE0359	No	81503	TERPENE C=15 WHL WATER SMPL UG/L	02/21/76-02/21/76	0	1	
GATE0359	No	81504	TERPINEOL C=10 WHL WATER SMPL UG/L	02/21/76-02/21/76	0	1	
GATE0359	No	81505	TERPINEOL C=15 WHL WATER SMPL UG/L	02/21/76-02/21/76	0	1	
GATE0359	No	81509	UNIDENTIFIED PHTHALATE WHL WATER SMPL UG/L	02/21/76-02/21/76	0	1	
GATE0359	No	81523	DIBUTYL NONANEDIOATE WHL WATER SMPL UG/L	02/21/76-02/21/76	0	1	
GATE0359	No	81526	DICYCLOHEXYL PHTHALATE WHL WATER SMPL UG/L	02/21/76-02/21/76	0	1	
GATE0001	No	81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	09/22/78-09/22/78	0	1	
GATE0003	No	81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	09/24/78-09/24/78	0	1	
GATE0072	Yes	81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	07/18/78-07/18/78	0	4	
GATE0117	No	81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	07/03/76-07/05/76	0	2	
GATE0262	No	81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	07/16/76-07/16/76	0	2	
GATE0001	No	81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	09/22/78-09/22/78	0	1	
GATE0003	No	81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	09/24/78-09/24/78	0	1	
GATE0072	Yes	81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	07/18/78-07/18/78	0	4	
GATE0262	No	81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	07/16/76-07/16/76	0	2	
GATE0054	Yes	81644	METHOXYCHLOR IN FISH TISSUE,UG/G WET WEIGHT	06/30/87-06/30/87	0	2	
GATE0340	No	81644	METHOXYCHLOR IN FISH TISSUE,UG/G WET WEIGHT	09/29/87-10/02/87	0	2	
GATE0375	No	81644	METHOXYCHLOR IN FISH TISSUE,UG/G WET WEIGHT	08/20/87-08/20/87	0	2	
GATE0001	No	81645	MIREX IN FISH TISSUE WET WEIGHT UG/G	09/22/78-09/22/78	0	1	
GATE0003	No	81645	MIREX IN FISH TISSUE WET WEIGHT UG/G	09/24/78-09/24/78	0	1	
GATE0054	Yes	81645	MIREX IN FISH TISSUE WET WEIGHT UG/G	06/30/87-06/30/87	0	2	
GATE0072	Yes	81645	MIREX IN FISH TISSUE WET WEIGHT UG/G	07/18/78-07/18/78	0	4	
GATE0340	No	81645	MIREX IN FISH TISSUE WET WEIGHT UG/G	09/29/87-10/02/87	0	2	
GATE0375	No	81645	MIREX IN FISH TISSUE WET WEIGHT UG/G	08/20/87-08/20/87	0	2	
GATE0054	Yes	81652	TREFLAN IN FISH TISSUE WET WEIGHT MG/KG	06/30/87-06/30/87	0	2	
GATE0340	No	81652	TREFLAN IN FISH TISSUE WET WEIGHT MG/KG	09/29/87-10/02/87	0	2	
GATE0375	No	81652	TREFLAN IN FISH TISSUE WET WEIGHT MG/KG	08/20/87-08/20/87	0	2	
GATE0054	Yes	81807	DURSBAN IN FISH TISSUE WET WEIGHT MG/KG	06/30/87-06/30/87	0	2	
GATE0340	No	81807	DURSBAN IN FISH TISSUE WET WEIGHT MG/KG	09/29/87-10/02/87	0	2	
GATE0375	No	81807	DURSBAN IN FISH TISSUE WET WEIGHT MG/KG	08/20/87-08/20/87	0	2	
GATE0054	Yes	81823	PENTACHLOROANISOLE(PCA)INFISH TISSUE WET WGT MG/KG	06/30/87-06/30/87	0	2	
GATE0340	No	81823	PENTACHLOROANISOLE(PCA)INFISH TISSUE WET WGT MG/KG	09/29/87-10/02/87	0	2	
GATE0375	No	81823	PENTACHLOROANISOLE(PCA)INFISH TISSUE WET WGT MG/KG	08/20/87-08/20/87	0	2	
GATE0382	No	81827	AROCHLOR-1016/1242 IN SED DRY WT. UG/KG	12/11/76-12/11/76	0	2	
GATE0001	No	81896	DDE TOTAL IN TISSUE WET WEIGHT MG/KG	09/22/78-09/22/78	0	1	
GATE0003	No	81896	DDE TOTAL IN TISSUE WET WEIGHT MG/KG	09/24/78-09/24/78	0	1	
GATE0164	Yes	82028	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI(CAL)	01/02/75-08/09/79	4	80	
GATE0168	Yes	82028	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI(CAL)	11/27/73-08/09/79	5	118	
GATE0169	Yes	82028	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI(CAL)	04/13/76-06/18/79	3	24	
GATE0246	Yes	82028	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI(CAL)	04/13/76-04/23/79	3	29	
GATE0282	Yes	82028	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI(CAL)	11/27/73-08/09/79	5	117	
GATE0296	No	82028	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI(CAL)	11/27/73-05/30/79	5	105	
GATE0374	No	82028	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI(CAL)	04/13/76-08/09/79	3	44	
GATE0054	Yes	82029	OXYCHLORDANE IN TISSUE SAMPLE WET WEIGHT MG/KG	06/30/87-06/30/87	0	2	
GATE0340	No	82029	OXYCHLORDANE IN TISSUE SAMPLE WET WEIGHT MG/KG	09/29/87-10/02/87	0	2	
GATE0375	No	82029	OXYCHLORDANE IN TISSUE SAMPLE WET WEIGHT MG/KG	08/20/87-08/20/87	0	2	
GATE0206	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	09/07/77-08/06/93	15	2	
GATE0241	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	08/29/67-05/22/75	7	11	
GATE0206	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	09/07/77-08/06/93	15	2	
GATE0241	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	08/29/67-05/22/75	7	11	
GATE0001	No	84007	ANATOMY ALPHA CODE	09/22/78-09/22/78	0	1	
GATE0003	No	84007	ANATOMY ALPHA CODE	09/24/78-09/24/78	0	1	
GATE0011	No	84007	ANATOMY ALPHA CODE	09/08/87-09/08/87	0	1	
GATE0054	Yes	84007	ANATOMY ALPHA CODE	06/30/87-06/30/87	0	2	
GATE0072	Yes	84007	ANATOMY ALPHA CODE	07/18/78-07/18/78	0	4	
GATE0117	No	84007	ANATOMY ALPHA CODE	07/03/76-07/05/76	0	2	
GATE0262	No	84007	ANATOMY ALPHA CODE	07/16/76-07/16/76	0	2	
GATE0340	No	84007	ANATOMY ALPHA CODE	09/29/87-10/02/87	0	2	
GATE0375	No	84007	ANATOMY ALPHA CODE	08/20/87-08/20/87	0	2	
GATE0054	Yes	85675	TRICHLOROBENZENE,1,3,5- TISSUE,WET,WT,MG/KG	06/30/87-06/30/87	0	2	
GATE0340	No	85675	TRICHLOROBENZENE,1,3,5- TISSUE,WET,WT,MG/KG	09/29/87-10/02/87	0	2	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 04/23/18 To 08/28/96

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GATE0375	No	85675	TRICHLOROBENZENE,1,3,5- TISSUE,WET,WT,MG/KG	08/20/87-08/20/87	0	2	
GATE0054	Yes	85676	TRICHLOROBENZENE,1,2,3- TISSUE,WET,WT,MG/KG	06/30/87-06/30/87	0	2	
GATE0340	No	85676	TRICHLOROBENZENE,1,2,3- TISSUE,WET,WT,MG/KG	09/29/87-10/02/87	0	2	
GATE0375	No	85676	TRICHLOROBENZENE,1,2,3- TISSUE,WET,WT,MG/KG	08/20/87-08/20/87	0	2	
GATE0054	Yes	85677	TETRACHLOROBENZENE,1,2,4,5- TISSUE,WET,WT,MG/KG	06/30/87-06/30/87	0	2	
GATE0340	No	85677	TETRACHLOROBENZENE,1,2,4,5- TISSUE,WET,WT,MG/KG	09/29/87-10/02/87	0	2	
GATE0375	No	85677	TETRACHLOROBENZENE,1,2,4,5- TISSUE,WET,WT,MG/KG	08/20/87-08/20/87	0	2	
GATE0054	Yes	85678	TETRACHLOROBENZENE,1,2,3,5- TISSUE,WET,WT,MG/KG	06/30/87-06/30/87	0	2	
GATE0340	No	85678	TETRACHLOROBENZENE,1,2,3,5- TISSUE,WET,WT,MG/KG	09/29/87-10/02/87	0	2	
GATE0375	No	85678	TETRACHLOROBENZENE,1,2,3,5- TISSUE,WET,WT,MG/KG	08/20/87-08/20/87	0	2	
GATE0054	Yes	85679	PENTACHLOROBENZENE TISSUE,WET,WT,MG/KG	06/30/87-06/30/87	0	2	
GATE0340	No	85679	PENTACHLOROBENZENE TISSUE,WET,WT,MG/KG	09/29/87-10/02/87	0	2	
GATE0375	No	85679	PENTACHLOROBENZENE TISSUE,WET,WT,MG/KG	08/20/87-08/20/87	0	2	
GATE0054	Yes	85680	DIPHENYL DISULFIDE TISSUE,WET,WT,MG/KG	06/30/87-06/30/87	0	2	
GATE0340	No	85680	DIPHENYL DISULFIDE TISSUE,WET,WT,MG/KG	09/29/87-10/02/87	0	2	
GATE0375	No	85680	DIPHENYL DISULFIDE TISSUE,WET,WT,MG/KG	08/20/87-08/20/87	0	2	
GATE0054	Yes	85681	OCTACHLOROSTYRENE TISSUE,WET,WT,MG/KG	06/30/87-06/30/87	0	2	
GATE0340	No	85681	OCTACHLOROSTYRENE TISSUE,WET,WT,MG/KG	09/29/87-10/02/87	0	2	
GATE0375	No	85681	OCTACHLOROSTYRENE TISSUE,WET,WT,MG/KG	08/20/87-08/20/87	0	2	
GATE0054	Yes	85682	NITROFEN TISSUE,WET,WT,MG/KG	06/30/87-06/30/87	0	2	
GATE0340	No	85682	NITROFEN TISSUE,WET,WT,MG/KG	09/29/87-10/02/87	0	2	
GATE0375	No	85682	NITROFEN TISSUE,WET,WT,MG/KG	08/20/87-08/20/87	0	2	
GATE0054	Yes	85683	PERTHANE TISSUE,WET,WT,MG/KG	06/30/87-06/30/87	0	2	
GATE0340	No	85683	PERTHANE TISSUE,WET,WT,MG/KG	09/29/87-10/02/87	0	2	
GATE0375	No	85683	PERTHANE TISSUE,WET,WT,MG/KG	08/20/87-08/20/87	0	2	
GATE0054	Yes	85684	DICOFOL (KELTHANE) TISSUE,WET,WT,MG/KG	06/30/87-06/30/87	0	2	
GATE0340	No	85684	DICOFOL (KELTHANE) TISSUE,WET,WT,MG/KG	09/29/87-10/02/87	0	2	
GATE0375	No	85684	DICOFOL (KELTHANE) TISSUE,WET,WT,MG/KG	08/20/87-08/20/87	0	2	

[1]T=Time Series Plot, A=Annual Plot, S=Seasonal Plot

Station-By-Station Results

Station Inventory for Station: GATE0001

NPS Station ID: GATE0001 LAT/LON: 40.659726/ -73.748615 Agency: 21NYDEC2 Date Created: 12/01/79
Location: CONSELYEAS POND IN QUEENS FIPS State/County: 36081 NEW YORK/QUEENS
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 17F02024
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02030202 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METROPOLITAN AREA ECO Region:
RF1 Index: 02030202 RF1 Mile Point: 0.000 Distance from RF1: 16.50 On/Off RF1:
RF3 Index: 02030201009400.00 RF3 Mile Point: 0.16 Distance from RF3: 0.10 On/Off RF3:
Description:
DATA FROM NEW YORK DEPARTMENT OF ENVIRONMENTAL CONSERVATION FISH TISSUE SAMPLES ANALYZED FOR TOXICS; SAMPLE TAKEN FROM CONSELYEAS POND IN QUEENS

Parameter Inventory for Station: GATE0001

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34682	CHLORDANE(TECH MIX & METABS),TISSUEWET WGTT,MG/KG	09/22/78-09/22/78	1	0.74	0.74	0.74	0.74	0.	0.	**	**	**	**
34688	HEXACHLOROBENZENE WET WGTTISMG/KG	09/22/78-09/22/78	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
34690	PCB - 1254 WET WGTTISMG/KG	09/22/78-09/22/78	1	0.42	0.42	0.42	0.42	0.	0.	**	**	**	**
39105	PERCENT FAT HEXANE EXTRACTION	09/22/78-09/22/78	1	4.3	4.3	4.3	4.3	0.	0.	**	**	**	**
39302	P P DDT IN TISSUE WET WGT (UG/G)	09/22/78-09/22/78	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
39312	P P DDD IN TISSUE WET WGT (UG/G)	09/22/78-09/22/78	1	0.56	0.56	0.56	0.56	0.	0.	**	**	**	**
39404	DIELDRIN IN TISSUE WET WGT (UG/G)	09/22/78-09/22/78	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	09/22/78-09/22/78	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	09/22/78-09/22/78	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	09/22/78-09/22/78	1	106.	106.	106.	106.	0.	0.	**	**	**	**
81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	09/22/78-09/22/78	1	1.	1.	1.	1.	0.	0.	**	**	**	**
81645	MIREX IN FISH TISSUE WET WEIGHT UG/G	09/22/78-09/22/78	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
81896	DDE TOTAL IN TISSUE WET WEIGHT MG/KG	09/22/78-09/22/78	1	0.26	0.26	0.26	0.26	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GATE0002

NPS Station ID: GATE0002
LAT/LON: 40.643892/ -73.748892
Agency: 21NYDECB
Date Created: 03/30/96
Location: Thurston Basin
FIPS State/County: 36081 NEW YORK/QUEENS
Station Type: /TYPA/AMBNT/ESTURY/NET
STORET Station ID(s): 17011B80
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030202
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id: NY00000 Thurston Basin
Minor Basin: L.HUDSON - NYC
ECO Region:
RF1 Index: 02030202
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0002

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GATE0003

NPS Station ID: GATE0003 LAT/LON: 40.650004/ -73.758337 Agency: 21NYDEC2 Date Created: 12/01/79
Location: SPRINGFIELD POND NORTH OF JFK AIRPORT FIPS State/County: 36081 NEW YORK/QUEENS
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 17F01053
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02030202 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METROPOLITAN AREA ECO Region:
RF1 Index: 02030202028 RF1 Mile Point: 16.560 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02030201009600.00 RF3 Mile Point: 0.51 Distance from RF3: 0.24 On/Off RF3:
Description:
DATA FROM NEW YORK DEPARTMENT OF ENVIRONMENTAL CONSERVATION FISH TISSUE SAMPLES ANALYZED FOR TOXICS; SAMPLE TAKEN FROM SPRINGFIELD POND NORTH OF JFK AIRPORT

Parameter Inventory for Station: GATE0003

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34370	ENDRIN ALDEHYDE WET WGTTISMG/KG	09/24/78-09/24/78	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34682	CHLORDANE(TECH MIX & METABS),TISSUEWET WGTT,MG/KG	09/24/78-09/24/78	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34688	HEXACHLOROBENZENE WET WGTTISMG/KG	09/24/78-09/24/78	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34690	PCB - 1254 WET WGTTISMG/KG	09/24/78-09/24/78	1	0.83	0.83	0.83	0.83	0.	0.	**	**	**	**
39105	PERCENT FAT HEXANE EXTRACTION	09/24/78-09/24/78	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
39302	P P DDT IN TISSUE WET WGT (UG/G)	09/24/78-09/24/78	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39312	P P DDD IN TISSUE WET WGT (UG/G)	09/24/78-09/24/78	1	0.32	0.32	0.32	0.32	0.	0.	**	**	**	**
39404	DIELDRIN IN TISSUE WET WGT (UG/G)	09/24/78-09/24/78	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	09/24/78-09/24/78	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	09/24/78-09/24/78	1	8.	8.	8.	8.	0.	0.	**	**	**	**
81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	09/24/78-09/24/78	1	1.	1.	1.	1.	0.	0.	**	**	**	**
81645	MIREX IN FISH TISSUE WET WEIGHT UG/G	09/24/78-09/24/78	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
81896	DDE TOTAL IN TISSUE WET WEIGHT MG/KG	09/24/78-09/24/78	1	0.11	0.11	0.11	0.11	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GATE0004

NPS Station ID: GATE0004 LAT/LON: 40.611531/ -73.760615 Agency: 11NYCOR Date Created: 09/08/79
Location: NEGRO BAR CHNL.NORTH OF POWERPLANT AT MOTTS BN. FIPS State/County: 36059 NEW YORK/NASSAU
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): NYCOR341
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02030202 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METRO AREA ECO Region:
RF1 Index: 02030202028 RF1 Mile Point: 14.600 Distance from RF1: 14.50 On/Off RF1: OFF
RF3 Index: 02030202143900.00 RF3 Mile Point: 0.00 Distance from RF3: 0.08 On/Off RF3:
Description:
NEW YORK CORPS OF ENGINEERS DREDGING STUDIES

Parameter Inventory for Station: GATE0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	11/10/71-11/10/71	1	136.	136.	136.	136.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	11/10/71-11/10/71	1	215.	215.	215.	215.	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	11/10/71-11/10/71	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GATE0005

NPS Station ID: GATE0005
LAT/LON: 40.628503/ -73.764088
Agency: 11NPSWRD
Date Created: 12/21/96
Location: Head of the Bay
FIPS State/County: 36081 NEW YORK/QUEENS
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): GATE_JB-13
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030202
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METROPOLITAN AREA
ECO Region:
RF1 Index: 02030202
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
Station is located in Head of the Bay just south of JFK Airport. The station can be found on the USGS 7.5' Jamaica N.Y. quadrangle. To reach the site: Drive boat up Grass Hassock Channel to the first northern Nun (green) marker in Head of the Bay by JFK Airport. Take samples near the JFK outflow pipes. Any data recorded with a depth of 999 indicates that the sample was collected at the bottom. Data recorded with a depth of 0 indicates that the sample was collected at the surface. For additional information on the water quality data stored at this station; contact the Division of Natural Resources at Gateway National Recreation Area - Building 210; Fort Wadsworth; Staten Island N.Y. 10305 (tel. 718-448-5505; fax. 718-448-4015). The park produces an Annual Report summarizing each year's monitoring activities. Data processed and uploaded to STORET by Dean Tucker; NPS Water Resources Division; 1201 Oak Ridge Drive Ste. 250; Fort Collins CO 80525 (tel. 970-225-3516; fax. 970-225-9965).

Parameter Inventory for Station: GATE0005

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/30/89-08/30/93	135	23.5	22.887	28.5	14.4	8.733	2.955	18.06	21.4	25.	25.94
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/28/92-08/30/93	30	24.	24.86	38.	15.	19.933	4.465	21.	22.425	27.05	30.
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/28/92-08/30/93	29	1.22	1.349	2.52	0.76	0.173	0.415	0.92	1.07	1.68	1.83
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-08/30/93	135	36800.	36486.667	41700.	28600.	6788925.373	2605.557	32460.	34900.	38600.	39720.
00300	OXYGEN, DISSOLVED MG/L	05/30/89-08/16/93	107	6.4	6.439	13.5	0.9	9.228	3.038	2.58	3.5	8.6	11.
00405	CARBON DIOXIDE (MG/L AS CO2)	07/06/92-07/06/92	1	7.58	7.58	7.58	7.58	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	05/30/89-08/30/93	105	8.14	8.103	8.97	6.5	0.23	0.48	7.3	7.89	8.42	8.7
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/30/89-08/30/93	105	8.14	7.761	8.97	6.5	0.349	0.59	7.3	7.89	8.42	8.7
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/89-08/30/93	105	0.007	0.017	0.316	0.001	0.001	0.037	0.002	0.004	0.013	0.05
00445	CARBONATE ION (MG/L AS CO3)	07/06/92-07/06/92	1	25.8	25.8	25.8	25.8	0.	0.	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	05/30/89-08/30/93	132	24.7	24.133	27.8	15.5	5.346	2.312	20.83	23.1	25.8	26.5
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/24/89-08/23/93	84	319.	2250.821	68547.	0.	59772000.293	7731.235	0.	60.25	1964.75	4247.5
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/24/89-08/23/93	84	2.504	2.419	4.836	0.	1.271	1.127	0.	1.779	3.293	3.627
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			262.445								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/24/89-08/30/93	86	43.5	611.163	9976.	0.	2433217.856	1559.878	0.	0.	314.75	2166.3
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/24/89-08/30/93	86	1.613	1.425	3.999	0.	1.78	1.334	0.	0.	2.498	3.329
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			26.588								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/28/92-08/16/93	8	9.475	10.564	22.94	1.97	44.45	6.667	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0005

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	107	33	0.31	32	9	0.28				75	24	0.32			
00406	PH, FIELD	Other-Hi Lim.	8.5	105	25	0.24	27	2	0.07				78	23	0.29			
		Other-Lo Lim.	6.5	105	1	0.01	27	0	0.00				78	1	0.01			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	84	30	0.36	23	10	0.43				61	20	0.33			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	86	24	0.28	24	9	0.38				62	15	0.24			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1989 - Station GATE0005

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/30/89-08/30/93	20	24.2	22.775	25.9	17.8	6.933	2.633	18.76	20.075	24.7	25.28
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-08/30/93	20	35000.	34620.	39000.	28600.	9338526.316	3055.9	30130.	32075.	36950.	38750.
00300	OXYGEN, DISSOLVED MG/L	05/30/89-08/16/93	10	5.75	6.05	11.8	0.9	14.521	3.811	1.05	2.4	9.75	11.7
00406	PH, FIELD, STANDARD UNITS SU	05/30/89-08/30/93	14	7.7	7.586	8.3	6.5	0.301	0.549	6.7	7.1	8.025	8.25
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/30/89-08/30/93	14	7.689	7.249	8.3	6.5	0.423	0.651	6.7	7.1	8.025	8.25
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/89-08/30/93	14	0.02	0.056	0.316	0.005	0.007	0.083	0.006	0.009	0.079	0.221
00480	SALINITY - PARTS PER THOUSAND	05/30/89-08/30/93	20	20.35	20.51	23.9	15.5	6.288	2.508	16.34	19.15	23.	23.5
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/24/89-08/23/93	15	2750.	7981.733	68547.	110.	298358135.924	17273.047	235.4	493.	4495.	35860.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/24/89-08/23/93	15	3.439	3.35	4.836	2.041	0.522	0.722	2.319	2.693	3.653	4.423
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2240.08								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/24/89-08/30/93	15	154.	506.933	3712.	0.	921541.21	959.969	17.4	58.	335.	2250.4
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/24/89-08/30/93	15	2.188	2.148	3.57	0.	0.693	0.832	0.877	1.763	2.525	3.291
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			140.57								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0005

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/30/89-08/30/93	30	23.5	22.293	27.1	14.4	13.505	3.675	16.11	19.05	25.6	26.29
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-08/30/93	30	36800.	36703.333	39000.	33900.	1551367.816	1245.539	34560.	36000.	37725.	38470.
00300	OXYGEN, DISSOLVED MG/L	05/30/89-08/16/93	25	6.4	6.276	13.2	2.4	8.269	2.876	2.86	3.35	8.	10.46
00406	PH, FIELD, STANDARD UNITS SU	05/30/89-08/30/93	26	8.3	8.162	8.9	6.9	0.29	0.539	7.27	7.975	8.6	8.73
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/30/89-08/30/93	26	8.3	7.777	8.9	6.9	0.444	0.667	7.27	7.975	8.6	8.73
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/89-08/30/93	26	0.005	0.017	0.126	0.001	0.001	0.028	0.002	0.003	0.011	0.054
00480	SALINITY - PARTS PER THOUSAND	05/30/89-08/30/93	28	24.25	23.889	27.8	20.8	3.169	1.78	20.99	22.225	24.95	25.82
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/24/89-08/23/93	14	319.	745.571	3484.	0.	998176.264	999.088	14.5	58.	1273.25	2699.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/24/89-08/23/93	14	2.34	2.29	3.542	0.	0.916	0.957	0.731	1.763	3.104	3.412
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			195.097								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/24/89-08/30/93	15	29.	241.4	1050.	0.	128889.971	359.012	0.	0.	335.	924.6
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/24/89-08/30/93	15	1.462	1.48	3.021	0.	1.436	1.198	0.	0.	2.525	2.963
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			30.209								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0005

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/30/89-08/30/93	25	24.9	24.408	28.5	18.2	5.299	2.302	20.92	23.2	25.65	26.78
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-08/30/93	25	35900.	36348.	41700.	31600.	8273433.333	2876.358	32460.	34350.	38950.	40640.
00300	OXYGEN, DISSOLVED MG/L	05/30/89-08/16/93	19	6.9	6.737	11.6	2.6	6.885	2.624	3.3	4.7	8.3	11.
00406	PH, FIELD, STANDARD UNITS SU	05/30/89-08/30/93	15	8.	8.08	8.4	7.8	0.03	0.174	7.86	8.	8.2	8.4
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/30/89-08/30/93	15	8.	8.05	8.4	7.8	0.031	0.177	7.86	8.	8.2	8.4
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/89-08/30/93	15	0.01	0.009	0.016	0.004	0.	0.003	0.004	0.006	0.01	0.014
00480	SALINITY - PARTS PER THOUSAND	05/30/89-08/30/93	25	23.8	24.26	26.5	22.	1.805	1.344	22.56	23.2	25.7	26.26
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/24/89-08/23/93	26	290.	653.308	2291.	29.	638312.862	798.945	49.3	112.	975.25	2047.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/24/89-08/23/93	26	2.462	2.474	3.36	1.462	0.339	0.583	1.673	2.048	2.938	3.31
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			297.638								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/24/89-08/30/93	26	0.	444.923	3770.	0.	1068535.594	1033.7	0.	0.	217.5	1963.3
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/24/89-08/30/93	26	0.	1.183	3.576	0.	1.878	1.37	0.	0.	2.228	3.226
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			15.225								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0005

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/30/89-08/30/93	30	22.5	22.067	25.2	17.	5.243	2.29	17.49	20.95	23.8	24.75
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-08/30/93	30	37150.	36963.333	39400.	32900.	3344471.264	1828.79	33640.	36150.	38625.	38990.
00300	OXYGEN, DISSOLVED MG/L	05/30/89-08/16/93	30	7.65	7.787	13.5	2.6	7.628	2.762	4.18	5.475	9.95	11.68
00406	PH, FIELD, STANDARD UNITS SU	05/30/89-08/30/93	29	8.22	8.276	8.8	7.6	0.126	0.356	7.83	8.01	8.64	8.7
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/30/89-08/30/93	29	8.22	8.136	8.8	7.6	0.147	0.383	7.83	8.01	8.64	8.7
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/89-08/30/93	29	0.006	0.007	0.025	0.002	0.	0.006	0.002	0.002	0.01	0.015
00480	SALINITY - PARTS PER THOUSAND	05/30/89-08/30/93	29	26.1	25.928	27.2	22.7	0.732	0.856	24.9	25.7	26.5	26.7
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/24/89-08/23/93	15	348.	1712.933	7946.	0.	5721018.638	2391.865	17.4	87.	3915.	5962.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/24/89-08/23/93	15	2.542	2.512	3.9	0.	1.138	1.067	0.877	1.94	3.593	3.76
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			325.303								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/24/89-08/30/93	15	58.	1544.733	9976.	0.	9420697.781	3069.316	0.	0.	1914.	8497.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/24/89-08/30/93	15	1.763	1.648	3.999	0.	2.468	1.571	0.	0.	3.282	3.925
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			44.447								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station GATE0005

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/30/89-08/30/93	30	23.65	23.11	27.6	17.	9.562	3.092	17.54	21.9	25.325	26.37
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-08/30/93	30	38050.	37153.333	41000.	31100.	10345333.333	3216.416	31910.	35050.	40000.	40190.
00300	OXYGEN, DISSOLVED MG/L	05/30/89-08/16/93	23	3.5	4.783	11.5	2.5	8.292	2.879	2.5	2.5	5.5	10.3
00406	PH, FIELD, STANDARD UNITS SU	05/30/89-08/30/93	21	8.26	8.155	8.97	7.24	0.201	0.448	7.36	7.82	8.445	8.724
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/30/89-08/30/93	21	8.26	7.918	8.97	7.24	0.26	0.509	7.36	7.82	8.445	8.724
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/89-08/30/93	21	0.005	0.012	0.058	0.001	0.	0.015	0.002	0.004	0.015	0.045
00480	SALINITY - PARTS PER THOUSAND	05/30/89-08/30/93	30	25.1	24.937	27.1	22.1	1.864	1.365	22.82	24.075	26.025	26.9
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/24/89-08/23/93	14	8.	1158.929	6322.	0.	4867554.995	2206.254	0.	0.	1413.25	5698.5
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/24/89-08/23/93	14	0.602	1.349	3.801	0.	2.491	1.578	0.	0.	2.956	3.753
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			22.319								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/24/89-08/30/93	15	0.	439.733	3306.	0.	1219131.495	1104.143	0.	0.	87.	3122.4
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/24/89-08/30/93	15	0.	0.843	3.519	0.	1.768	1.33	0.	0.	1.94	3.494
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			6.96								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0006

NPS Station ID: GATE0006
LAT/LON: 40.661392/ -73.766948
Agency: 21350000
Date Created: / /
Location: JAMAICA INF
FIPS State/County: 36000 NEW YORK/
Station Type: /TYPA/MUN/NTRTMT/OUTFL/LAKE
STORET Station ID(s): 403941007346010/808I
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030202
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-N.Y. METROPOLITAN AREA
ECO Region:
RF1 Index: 02030202
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202002900.00
RF3 Mile Point: 2.82
Distance from RF3: 0.28
On/Off RF3:
Description:
PLANT WAS OPENED IN 1943 AND HAS A PRESENT FLOW OF 72 MGD. IT SERVES THE SOUTHERN SECTION OF QUEENS (25,542 ACRES) WITH A CONNECTING POPULATION OF 585,000. PRESENT FACILITIES ARE STEP AERATION, SLUDGE DIGESTION, POWER GENERATION AND CHLORINATION.
MONTHLY SUMMARIES OF DATA COLLECTED BY N.Y.C. DEPT. OF PUBLIC WORKS.

Parameter Inventory for Station: GATE0006

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GATE0007

NPS Station ID: GATE0007
LAT/LON: 40.591115/ -73.771948
Agency: 1111H030
Date Created: / /
Location: LONG ISLAND BEACHES
FIPS State/County: 36081 NEW YORK/QUEENS
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): LIC05 /LIC5 /LIC-5
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030202
Depth of Water: 0
Aquifer:
Major Basin: ATLANTIC OCEAN
Elevation: 0
Water Body Id:
Minor Basin: LONG ISLAND COAST-EDGEMERE
ECO Region:
RF1 Index: 02030202027
RF1 Mile Point: 19.000
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02030202002709.04
RF3 Mile Point: 10.70
Distance from RF3: 0.05
On/Off RF3:
Description:
EDGEMERE. OFF FOOT OF B41 ST.

Parameter Inventory for Station: GATE0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/11/74-09/28/81	151	11.	189.772	23000.	0.	3500850.582	1871.056	2.	4.	28.	87.2
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/11/74-09/28/81	151	1.041	1.067	4.362	-0.301	0.48	0.693	0.301	0.602	1.447	1.94
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			11.656								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	303	1.	4.137	140.	0.	127.262	11.281	0.	0.	3.	10.6
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	303	0.	0.296	2.146	-0.301	0.206	0.454	0.	0.	0.477	1.025
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.975								
31649	ENTEROCOCCI- ME-MF N0/100ML	05/16/85-08/23/94	118	0.	3.432	57.	0.	73.376	8.566	0.	0.	3.	9.1
31649	LOG ENTEROCOCCI- ME-MF N0/1	05/16/85-08/23/94	118	0.	0.259	1.756	0.	0.19	0.436	0.	0.	0.477	0.959
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.815								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/20/77-09/07/77	2 ##	6.5	6.5	8.	5.	4.5	2.121	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/20/77-09/07/77	2 ##	0.801	0.801	0.903	0.699	0.021	0.144	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			6.325								
71220	PSEUDOMONAS AERUGINOSA,MF IN WATER,MPA MED,/100ML	06/25/91-08/27/91	9	0.	0.889	6.	0.	4.111	2.028	0.	0.	1.	6.
71220	LOG PSEUDOMONAS AERUGINOSA,MF IN WATER,MPA MED,/10	06/25/91-08/27/91	9	0.	0.12	0.778	0.	0.071	0.266	0.	0.	0.151	0.778
71220	GM PSEUDOMONAS AERUGINOSA,MF IN WATER,MPA MED,/100	GEOMETRIC MEAN =			1.318								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0007

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	151	1	0.01	54	0	0.00	18	0	0.00	79	1	0.01			
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	303	0	0.00	106	0	0.00	18	0	0.00	179	0	0.00			
31649	ENTEROCOCCI, ME, MF	Other-Hi Lim.	35.	118	3	0.03	37	1	0.03				81	2	0.02			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1974 - Station GATE0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/11/74-09/28/81	15	28.	75.9	480.	0.5	15392.721	124.067	1.4	5.	88.	302.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/11/74-09/28/81	15	1.447	1.333	2.681	-0.301	0.677	0.823	0.06	0.699	1.944	2.431
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			21.516								
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	15	2.	8.633	45.	0.5	158.91	12.606	0.5	1.	12.	32.4
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	15	0.301	0.493	1.653	-0.301	0.443	0.665	-0.301	0.	1.079	1.489
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			3.109								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GATE0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/11/74-09/28/81	16	6.5	18.313	104.	1.	740.896	27.219	1.	2.	30.5	64.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/11/74-09/28/81	16	0.812	0.855	2.017	0.	0.397	0.63	0.	0.301	1.474	1.782
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			7.155								
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	16	0.5	1.75	7.	0.	5.8	2.408	0.	0.	3.5	6.3
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	16	0.	0.22	0.845	0.	0.105	0.324	0.	0.	0.527	0.798
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.661								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station GATE0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/11/74-09/28/81	19	13.	1232.474	23000.	1.	27787450.152	5271.38	2.	8.	26.	172.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/11/74-09/28/81	19	1.114	1.245	4.362	0.	0.818	0.904	0.301	0.903	1.415	2.236
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			17.582								
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	19	2.	4.211	27.	0.	41.398	6.434	0.	1.	5.	14.
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	19	0.301	0.397	1.431	0.	0.179	0.423	0.	0.	0.699	1.146
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			2.492								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GATE0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/11/74-09/28/81	40	10.	56.6	820.	0.	21475.426	146.545	2.1	4.25	39.	98.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/11/74-09/28/81	40	1.	1.134	2.914	0.	0.447	0.669	0.319	0.626	1.591	1.994
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			13.623								
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	40	1.	5.575	52.	0.	120.661	10.985	0.	0.	5.	20.2
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	40	0.	0.368	1.716	0.	0.271	0.521	0.	0.	0.699	1.301
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			2.331								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GATE0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/11/74-09/28/81	15	14.	41.133	256.	1.	5446.552	73.801	1.	8.	25.	210.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/11/74-09/28/81	15	1.146	1.151	2.408	0.	0.438	0.662	0.	0.903	1.398	2.316
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			14.159								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GATE0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	15	1.	3.667	15.	0.	26.524	5.15	0.	0.	6.	13.2
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	15	0.	0.355	1.176	0.	0.227	0.476	0.	0.	0.778	1.118
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			2.266								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station GATE0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/11/74-09/28/81	19	16.	33.737	360.	1.	6393.871	79.962	2.	6.	20.	52.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/11/74-09/28/81	19	1.204	1.112	2.556	0.	0.302	0.55	0.301	0.778	1.301	1.716
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			12.946								
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	19	1.	8.263	140.	0.	1018.871	31.92	0.	0.	2.	3.
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	19	0.	0.227	2.146	0.	0.247	0.497	0.	0.	0.301	0.477
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.685								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GATE0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/11/74-09/28/81	16	2.5	10.	64.	0.	277.467	16.657	0.	0.25	15.5	38.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/11/74-09/28/81	16	0.389	0.6	1.806	0.	0.357	0.598	0.	0.	1.183	1.555
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.984								
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	16	1.	3.188	25.	0.	40.563	6.369	0.	0.	3.5	14.5
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	16	0.	0.282	1.398	0.	0.179	0.423	0.	0.	0.527	1.119
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.912								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station GATE0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/11/74-09/28/81	11	8.	11.364	40.	2.	104.455	10.22	2.6	6.	12.	35.2
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/11/74-09/28/81	11	0.903	0.941	1.602	0.301	0.104	0.323	0.381	0.778	1.079	1.522
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			8.737								
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	11	2.	1.818	5.	0.	2.764	1.662	0.	0.	3.	4.8
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	11	0.301	0.244	0.699	0.	0.07	0.264	0.	0.	0.477	0.68
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.753								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station GATE0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	10	0.5	1.3	6.	0.	4.233	2.058	0.	0.	1.75	5.8
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	10	0.	0.138	0.778	0.	0.086	0.294	0.	0.	0.151	0.761
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.374								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station GATE0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	13	0.	0.769	3.	0.	1.026	1.013	0.	0.	1.5	2.6
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	13	0.	0.083	0.477	0.	0.027	0.163	0.	0.	0.151	0.407
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.211								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GATE0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	10	0.5	2.1	8.	0.	10.544	3.247	0.	0.	4.25	8.
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	10	0.	0.228	0.903	0.	0.149	0.385	0.	0.	0.584	0.903
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.692								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GATE0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	10	0.	1.	4.	0.	2.667	1.633	0.	0.	1.75	4.
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	10	0.	0.12	0.602	0.	0.064	0.254	0.	0.	0.151	0.602
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.32								
31649	ENTEROCOCCI- ME-MF N0/100ML	05/16/85-08/23/94	9	1.	1.111	3.	0.	1.611	1.269	0.	0.	2.5	3.
31649	LOG ENTEROCOCCI- ME-MF N0/1	05/16/85-08/23/94	9	0.	0.139	0.477	0.	0.046	0.215	0.	0.	0.389	0.477
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.379								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GATE0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	12	0.	1.917	15.	0.	18.265	4.274	0.	0.	2.5	11.4
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	12	0.	0.178	1.176	0.	0.133	0.364	0.	0.	0.358	0.966
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.505								
31649	ENTEROCOCCI- ME-MF N0/100ML	05/16/85-08/23/94	12	1.	4.25	30.	0.	72.386	8.508	0.	0.	5.75	23.1
31649	LOG ENTEROCOCCI- ME-MF N0/1	05/16/85-08/23/94	12	0.	0.317	1.477	0.	0.253	0.503	0.	0.	0.758	1.288
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			2.073								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GATE0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	15	2.	4.067	16.	0.	23.495	4.847	0.	1.	5.	13.6
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	15	0.301	0.418	1.204	0.	0.187	0.433	0.	0.	0.699	1.129
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			2.616								
31649	ENTEROCOCCI- ME-MF N0/100ML	05/16/85-08/23/94	15	4.	6.2	40.	0.	99.743	9.987	0.	1.	7.	23.2
31649	LOG ENTEROCOCCI- ME-MF N0/1	05/16/85-08/23/94	15	0.602	0.523	1.602	0.	0.233	0.483	0.	0.	0.845	1.288
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			3.333								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GATE0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	14	3.	10.071	67.	0.	321.148	17.921	0.	1.	12.5	45.
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	14	0.477	0.58	1.826	0.	0.36	0.6	0.	0.	1.075	1.594
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			3.805								
31649	ENTEROCOCCI- ME-MF N0/100ML	05/16/85-08/23/94	14	3.5	12.429	57.	0.	333.341	18.258	0.	0.	16.75	52.5
31649	LOG ENTEROCOCCI- ME-MF N0/1	05/16/85-08/23/94	14	0.54	0.675	1.756	0.	0.432	0.657	0.	0.	1.223	1.719
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			4.729								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	7	7.	7.429	13.	1.	21.619	4.65	**	**	**	**
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	7	0.845	0.741	1.114	0.	0.181	0.425	**	**	**	**
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			5.503								
31649	ENTEROCOCCI- ME-MF N0/100ML	05/16/85-08/23/94	7	3.	3.714	11.	0.	16.571	4.071	**	**	**	**
31649	LOG ENTEROCOCCI- ME-MF N0/1	05/16/85-08/23/94	7	0.477	0.424	1.041	0.	0.189	0.434	**	**	**	**
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			2.653								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	10	2.5	5.7	25.	0.	69.122	8.314	0.	0.	8.5	24.1
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	10	0.389	0.476	1.398	0.	0.269	0.519	0.	0.	0.885	1.379
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			2.993								
31649	ENTEROCOCCI- ME-MF N0/100ML	05/16/85-08/23/94	10	1.	2.1	8.	0.	7.656	2.767	0.	0.	3.75	7.8
31649	LOG ENTEROCOCCI- ME-MF N0/1	05/16/85-08/23/94	10	0.	0.216	0.903	0.	0.131	0.363	0.	0.	0.552	0.891
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.644								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	14	1.	7.	56.	0.	218.769	14.791	0.	0.	10.25	34.
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	14	0.	0.398	1.748	0.	0.352	0.594	0.	0.	1.01	1.414
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			2.499								
31649	ENTEROCOCCI- ME-MF N0/100ML	05/16/85-08/23/94	14	0.5	1.571	10.	0.	7.495	2.738	0.	0.	2.25	7.
31649	LOG ENTEROCOCCI- ME-MF N0/1	05/16/85-08/23/94	14	0.	0.17	1.	0.	0.098	0.313	0.	0.	0.345	0.801
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.479								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	14	0.	0.143	2.	0.	0.286	0.535	0.	0.	0.	1.
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	14	0.	0.022	0.301	0.	0.006	0.08	0.	0.	0.	0.151
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.051								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31649	ENTEROCOCCI- ME-MF N0/100ML	05/16/85-08/23/94	14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31649	LOG ENTEROCOCCI- ME-MF N0/1	05/16/85-08/23/94	14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station GATE0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	10	0.	2.	20.	0.	40.	6.325	0.	0.	0.	18.
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	10	0.	0.13	1.301	0.	0.169	0.411	0.	0.	0.	1.171
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.349								
31649	ENTEROCOCCI- ME-MF N0/100ML	05/16/85-08/23/94	10	0.	0.1	1.	0.	0.1	0.316	0.	0.	0.	0.9
31649	LOG ENTEROCOCCI- ME-MF N0/1	05/16/85-08/23/94	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

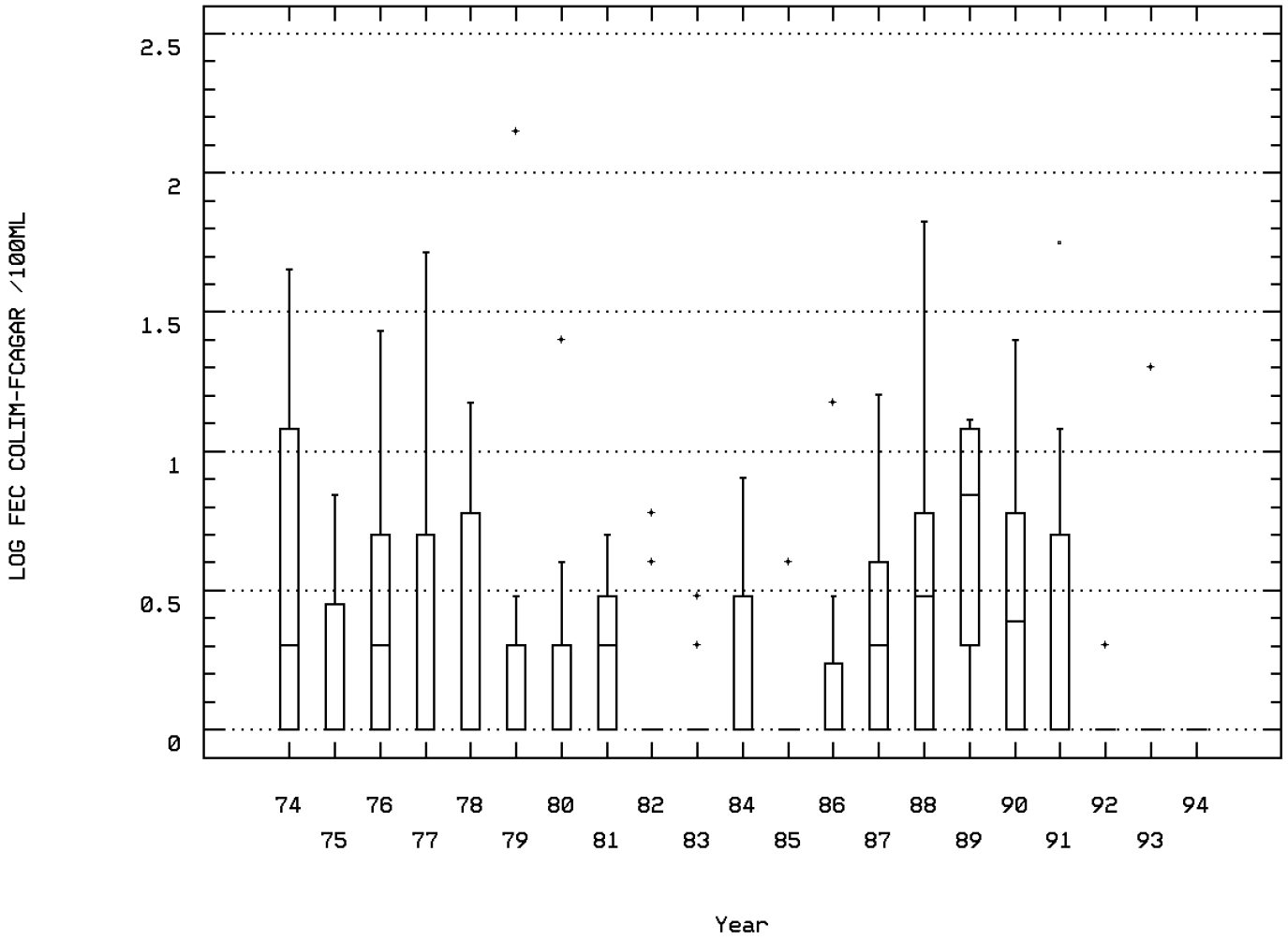
Annual Analysis for 1994 - Station GATE0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	13	0.	0.154	1.	0.	0.141	0.376	0.	0.	0.	1.
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.								
31649	ENTEROCOCCI- ME-MF N0/100ML	05/16/85-08/23/94	13	0.	0.538	5.	0.	1.936	1.391	0.	0.	0.5	3.4
31649	LOG ENTEROCOCCI- ME-MF N0/1	05/16/85-08/23/94	13	0.	0.054	0.699	0.	0.038	0.194	0.	0.	0.	0.419
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.132								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: GATE0007 Parameter Code: 31613

LOG FECAL COLIFORM,MEMBR FILTER,M-FC AG



LONG ISLAND BEACHES

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/11/74-09/28/81	54	19.	49.907	480.	0.	8043.331	89.685	2.	8.	38.	152.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/11/74-09/28/81	54	1.278	1.265	2.681	0.	0.396	0.629	0.301	0.903	1.58	2.174
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			18.406								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	106	2.	5.708	140.	0.	229.752	15.158	0.	0.	5.	15.3
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	106	0.301	0.39	2.146	0.	0.244	0.494	0.	0.	0.699	1.184
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			2.457								
31649	ENTEROCOCCI- ME-MF N0/100ML	05/16/85-08/23/94	37	0.	3.405	40.	0.	57.414	7.577	0.	0.	3.5	12.4
31649	LOG ENTEROCOCCI- ME-MF N0/1	05/16/85-08/23/94	37	0.	0.286	1.602	0.	0.2	0.447	0.	0.	0.54	1.093
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.934								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/11/74-09/28/81	18	12.	49.833	400.	3.	9241.088	96.131	3.	7.5	48.	194.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/11/74-09/28/81	18	1.078	1.268	2.602	0.477	0.335	0.578	0.477	0.872	1.681	2.272
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			18.536								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	18	2.5	5.833	35.	0.	69.794	8.354	0.	1.75	7.75	16.1
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	18	0.389	0.518	1.544	0.	0.205	0.453	0.	0.226	0.884	1.186
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			3.298								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/11/74-09/28/81	79	8.	317.259	23000.	0.	6690401.999	2586.581	1.	2.	14.	40.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/11/74-09/28/81	79	0.903	0.885	4.362	-0.301	0.51	0.714	0.	0.301	1.146	1.602
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			7.674								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	179	0.5	3.036	67.	0.	70.744	8.411	0.	0.	2.	7.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	179	-0.301	0.217	1.826	-0.301	0.17	0.412	0.	0.	0.301	0.845
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.648								
31649	ENTEROCOCCI- ME-MF N0/100ML	05/16/85-08/23/94	81	1.	3.444	57.	0.	81.475	9.026	0.	0.	3.	8.6
31649	LOG ENTEROCOCCI- ME-MF N0/1	05/16/85-08/23/94	81	0.	0.246	1.756	0.	0.187	0.432	0.	0.	0.477	0.932
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.763								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0008

NPS Station ID: GATE0008 LAT/LON: 40.591115/ -73.771948 Agency: 11NYBGHT Date Created: 04/06/96
Location: LONG ISLAND BEACHES- EDGEMERE FIPS State/County: 36081 NEW YORK/QUEENS
Station Type: /TYPA/AMBNT/OCEAN/NRSHRE/NET STORET Station ID(s): LIC05 /LIC5 /LIC-5
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02030202 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON- NEW YORK METRO AREA ECO Region:
RF1 Index: 02030202027 RF1 Mile Point: 19.000 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:
ATLANTIC OCEAN- NEW YORK BIGHT SURVEILLANCE NETWORK(CURRENT) EDGEMERE. OFF FOOT OF B41 ST.

Parameter Inventory for Station: GATE0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	05/25/95-08/27/96	23	0.	11.696	200.	0.	1724.767	41.53	0.	0.	3.	22.6
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	05/25/95-08/27/96	23	0.	0.374	2.301	0.	0.348	0.59	0.	0.	0.477	1.34
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			2.364								
31649	ENTEROCOCCI- ME-MF N0/100ML	05/30/95-08/27/96	21	0.	2.571	29.	0.	41.457	6.439	0.	0.	2.	7.6
31649	LOG ENTEROCOCCI- ME-MF N0/1	05/30/95-08/27/96	21	0.	0.207	1.462	0.	0.16	0.4	0.	0.	0.301	0.878
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.611								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0008

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	23	1	0.04	7	0	0.00				16	1	0.06			
31649	ENTEROCOCCI, ME, MF	Other-Hi Lim.	33.	21	0	0.00	7	0	0.00				14	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0009

NPS Station ID: GATE0009 LAT/LON: 40.615281/ -73.773616 Agency: 11NYCOR Date Created: 09/08/79
Location: GRASS HASSOCK CHANNEL AT MOTTS POINT LIGHT FIPS State/County: 36081 NEW YORK/QUEENS
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): NYCOR80
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02030202 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METRO AREA ECO Region:
RF1 Index: 02030202028 RF1 Mile Point: 18.830 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02030202002709.04 RF3 Mile Point: 13.63 Distance from RF3: 0.26 On/Off RF3:
Description:
NEW YORK CORPS OF ENGINEERS DREDGING STUDIES

Parameter Inventory for Station: GATE0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	05/15/75-05/15/75	1	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/15/75-05/15/75	1	1.06	1.06	1.06	1.06	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/15/75-05/15/75	1	9.4	9.4	9.4	9.4	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	05/15/75-05/15/75	1	26.6	26.6	26.6	26.6	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	05/15/75-05/15/75	1	60.	60.	60.	60.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/15/75-05/15/75	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	05/15/75-05/15/75	1	52.	52.	52.	52.	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	05/15/75-05/15/75	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GATE0010

NPS Station ID: GATE0010 | LAT/LON: 40.625559/ -73.775338 | Agency: 11NPSWRD | Date Created: 12/21/96
Location: JoCo Marsh | FIPS State/County: 36081 NEW YORK/QUEENS
Station Type: /TYPA/AMBNT/ESTURY | STORET Station ID(s): GATE_JB-12 /JFKS
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 02030202 | Depth of Water: 0 | Aquifer:
Major Basin: NORTHEAST | Elevation: 0 | Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METROPOLITAN AREA | ECO Region:
RF1 Index: 02030202 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 02030202104200.00 | RF3 Mile Point: 0.00 | Distance from RF3: 4.93 | On/Off RF3:
Description:
Station is located in JoCo Marsh near an outflow from JFK Airport. The station can be found on the USGS 7.5' Jamaica NY quadrangle. To reach the site: Drive boat up Grass Hassock Channel to northeast of JoCo Marsh just south of the JFK Runway Extension. Take samples within 20 meters of JFK outflow pipe retaining buoys which are near Port Authority Marina. Any data recorded with a depth of 999 indicates that the sample was collected at the bottom. Data recorded with a depth of 0 indicates that the sample was collected at the surface. For additional information on the water quality data stored at this station; contact the Division of Natural Resources at Gateway National Recreation Area - Building 210; Fort Wadsworth; Staten Island N.Y. 10305 (tel. 718-448-5505; fax. 718-448-4015). The park produces an Annual Report summarizing each year's monitoring activities. Data uploaded to STORET by Dean Tucker; NPS WRD; 1201 Oak Ridge Drive Ste. 250; Fort Collins CO 80525 (tel. 970-225-3516; fax. 970-225-9965).

Parameter Inventory for Station: GATE0010

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/89-08/26/96	206	23.	22.054	28.3	3.5	12.994	3.605	17.27	20.175	24.525	25.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/28/92-08/26/96	65	23.9	23.211	41.	7.8	25.573	5.057	16.64	21.5	26.3	27.88
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/28/92-08/26/96	42	1.37	1.411	2.9	0.75	0.221	0.47	0.92	1.07	1.68	1.994
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-08/26/96	206	36000.	35648.058	42200.	22300.	11969532.797	3459.701	31900.	33400.	38225.	39800.
00300	OXYGEN, DISSOLVED MG/L	05/24/89-08/26/96	174	6.4	6.466	13.8	0.	9.181	3.03	2.5	4.	8.6	10.65
00406	PH, FIELD, STANDARD UNITS SU	05/30/89-08/26/96	177	8.	7.99	8.9	6.	0.209	0.458	7.496	7.685	8.3	8.622
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/30/89-08/26/96	177	8.	7.646	8.9	6.	0.328	0.573	7.496	7.685	8.3	8.622
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/89-08/26/96	177	0.01	0.023	1.	0.001	0.006	0.079	0.002	0.005	0.021	0.032
00480	SALINITY - PARTS PER THOUSAND	05/30/89-08/26/96	204	24.15	23.947	31.9	5.1	8.478	2.912	20.65	21.825	26.	27.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	03/21/94-09/26/94	21	0.5	2.052	10.	0.	11.335	3.367	0.	0.	2.35	9.46
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/01/94-08/26/96	37	0.19	0.174	0.5	0.	0.013	0.112	0.	0.1	0.255	0.3
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/21/94-08/26/96	42	0.6	1.074	4.	0.05	1.248	1.117	0.1	0.188	2.15	2.5
01042	COPPER, TOTAL (UG/L AS CU)	03/21/94-09/26/94	22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/24/89-08/26/96	159	87.	412.239	5539.	0.	763374.424	873.713	0.	0.	435.	1253.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/24/89-08/26/96	159	1.94	1.646	3.743	0.	1.385	1.177	0.	0.	2.638	3.098
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			44.226								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/24/89-08/26/96	160	0.	122.981	3654.	0.	140314.434	374.586	0.	0.	58.	287.1
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/24/89-08/26/96	160	0.	0.883	3.563	0.	1.171	1.082	0.	0.	1.763	2.458
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			7.63								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GATE0010

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/28/92-08/12/96	42	4.345	5.464	32.19	0.	35.366	5.947	0.	2.083	6.695	12.662
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	03/21/94-08/26/96	41 ##	0.025	0.021	0.1	0.	0.001	0.026	0.	0.	0.025	0.025
50064	CHLORINE, FREE AVAILABLE (MG/L)	03/21/94-08/26/96	41 ##	0.025	0.026	0.2	0.	0.002	0.044	0.	0.	0.025	0.025
50066	CHLORINE, COMBINED AVAILABLE (MG/L)	03/21/94-09/26/94	19	0.	0.011	0.1	0.	0.001	0.032	0.	0.	0.	0.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0010

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	174	45	0.26	49	15	0.31	1	0	0.00	124	30	0.24			
00406	PH, FIELD	Other-Hi Lim.	8.5	177	27	0.15	44	5	0.11	1	0	0.00	132	22	0.17			
		Other-Lo Lim.	6.5	177	2	0.01	44	0	0.00	1	0	0.00	132	2	0.02			
01042	COPPER, TOTAL	Marine Acute	2.9	22	0	0.00	6	0	0.00	1	0	0.00	15	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	159	19	0.12	41	9	0.22	1	0	0.00	117	10	0.09			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	160	25	0.16	42	9	0.21	1	0	0.00	117	16	0.14			
50060	CHLORINE, TOTAL RESIDUAL	Marine Acute	0.013	19 &	3	0.16	4	3	0.75	1	0	0.00	14	0	0.00			
50064	CHLORINE, FREE AVAILABLE	Marine Acute	0.013	19 &	3	0.16	4	3	0.75	1	0	0.00	14	0	0.00			
50066	CHLORINE, COMBINED AVAILABLE	Marine Acute	0.013	19	2	0.11	4	2	0.50	1	0	0.00	14	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1989 - Station GATE0010

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/89-08/26/96	20	22.65	22.	25.4	16.6	6.798	2.607	18.31	19.725	24.075	24.89
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-08/26/96	20	36250.	35960.	39700.	31600.	5452000.	2334.952	32120.	34475.	37775.	39330.
00300	OXYGEN, DISSOLVED MG/L	05/24/89-08/26/96	10	3.3	5.2	12.9	0.6	22.547	4.748	0.61	0.775	9.85	12.76
00406	PH, FIELD, STANDARD UNITS SU	05/30/89-08/26/96	14	7.4	7.436	8.4	6.	0.51	0.714	6.25	7.025	8.075	8.35
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/30/89-08/26/96	14	7.4	6.883	8.4	6.	0.839	0.916	6.25	7.025	8.075	8.35
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/89-08/26/96	14	0.04	0.131	1.	0.004	0.07	0.264	0.004	0.009	0.099	0.658
00480	SALINITY - PARTS PER THOUSAND	05/30/89-08/26/96	20	20.85	20.94	24.2	16.3	5.085	2.255	17.85	18.875	23.1	23.79
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/24/89-08/26/96	15	671.	1089.8	2987.	99.	941083.743	970.095	120.	377.	1725.	2830.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/24/89-08/26/96	15	2.827	2.836	3.475	1.996	0.223	0.472	2.075	2.576	3.237	3.451
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			685.035								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/24/89-08/26/96	15	58.	265.333	1247.	0.	161950.381	402.431	0.	0.	406.	1142.6
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/24/89-08/26/96	15	1.763	1.588	3.096	0.	1.325	1.151	0.	0.	2.609	3.057
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			38.739								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0010

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/89-08/26/96	30	23.	21.96	26.8	14.2	12.901	3.592	15.68	18.775	25.125	25.58
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-08/26/96	30	37250.	36913.333	39900.	29600.	4690160.92	2165.678	34190.	35775.	38250.	39550.
00300	OXYGEN, DISSOLVED MG/L	05/24/89-08/26/96	25	5.5	5.852	12.9	0.9	8.553	2.924	2.28	3.7	7.8	10.32
00406	PH, FIELD, STANDARD UNITS SU	05/30/89-08/26/96	26	8.3	8.219	8.8	7.3	0.177	0.42	7.4	7.975	8.5	8.73
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/30/89-08/26/96	26	8.3	7.99	8.8	7.3	0.231	0.481	7.4	7.975	8.5	8.73
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/89-08/26/96	26	0.005	0.01	0.05	0.002	0.	0.013	0.002	0.003	0.011	0.04
00480	SALINITY - PARTS PER THOUSAND	05/30/89-08/26/96	28	24.05	23.807	28.8	20.2	3.682	1.919	21.14	22.2	25.125	25.6
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/24/89-08/26/96	15	261.	644.067	3551.	0.	877269.924	936.627	0.	29.	1102.	2273.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/24/89-08/26/96	15	2.417	2.095	3.55	0.	1.428	1.195	0.	1.462	3.042	3.312
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			124.441								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/24/89-08/26/96	15	29.	139.867	938.	0.	70499.838	265.518	0.	0.	136.	705.8
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/24/89-08/26/96	15	1.462	1.216	2.972	0.	1.244	1.115	0.	0.	2.134	2.834
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			16.444								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0010

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/89-08/26/96	26	24.9	24.1	28.3	17.7	5.574	2.361	20.23	23.05	25.45	26.16
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-08/26/96	26	36600.	37073.077	42200.	31900.	8050846.154	2837.401	32800.	35550.	39325.	40990.
00300	OXYGEN, DISSOLVED MG/L	05/24/89-08/26/96	18	7.4	7.006	11.8	1.1	8.668	2.944	3.8	4.475	9.	11.53
00406	PH, FIELD, STANDARD UNITS SU	05/30/89-08/26/96	16	8.05	8.05	8.5	7.7	0.049	0.222	7.77	7.9	8.175	8.43
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/30/89-08/26/96	16	8.047	8.001	8.5	7.7	0.052	0.228	7.77	7.9	8.175	8.43
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/89-08/26/96	16	0.009	0.01	0.02	0.003	0.	0.005	0.004	0.007	0.013	0.017
00480	SALINITY - PARTS PER THOUSAND	05/30/89-08/26/96	26	24.95	24.892	27.1	22.5	1.638	1.28	23.02	23.9	26.05	26.69
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/24/89-08/26/96	28	72.5	126.143	725.	0.	37558.201	193.799	0.	29.	100.	411.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/24/89-08/26/96	28	1.851	1.545	2.86	0.	0.824	0.908	0.	1.462	2.	2.605
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			35.062								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/24/89-08/26/96	28	0.	110.714	870.	0.	62660.063	250.32	0.	0.	87.	530.7
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/24/89-08/26/96	28	0.	0.684	2.94	0.	1.267	1.126	0.	0.	1.94	2.718
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4.827								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0010

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/89-08/26/96	30	22.1	21.593	25.4	16.6	5.598	2.366	17.15	20.525	23.525	24.09
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/28/92-08/26/96	15	24.	23.38	28.5	15.	14.475	3.805	16.2	21.5	26.1	27.6
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-08/26/96	30	37800.	37363.333	40700.	33700.	3795505.747	1948.206	34540.	35400.	38900.	39900.
00300	OXYGEN, DISSOLVED MG/L	05/24/89-08/26/96	30	6.75	7.293	13.8	3.5	7.481	2.735	3.6	5.075	9.725	10.69
00406	PH, FIELD, STANDARD UNITS SU	05/30/89-08/26/96	30	8.155	8.22	8.9	7.55	0.169	0.411	7.611	7.908	8.595	8.794
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/30/89-08/26/96	30	8.155	8.046	8.9	7.55	0.2	0.447	7.611	7.907	8.595	8.794
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/89-08/26/96	30	0.007	0.009	0.028	0.001	0.	0.008	0.002	0.003	0.012	0.024
00480	SALINITY - PARTS PER THOUSAND	05/30/89-08/26/96	30	26.75	26.593	29.5	23.	1.574	1.254	24.05	26.5	27.2	27.76
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/24/89-08/26/96	15	87.	742.4	5075.	0.	2392500.829	1546.771	0.	29.	261.	4257.2
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/24/89-08/26/96	15	1.94	1.853	3.705	0.	1.356	1.165	0.	1.462	2.417	3.624
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			71.228								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/24/89-08/26/96	15	0.	218.467	1392.	0.	225972.695	475.366	0.	0.	116.	1374.6
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/24/89-08/26/96	15	0.	0.969	3.144	0.	1.632	1.278	0.	0.	2.064	3.138
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			9.312								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station GATE0010

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/89-08/26/96	30	23.4	22.763	27.7	16.7	10.155	3.187	17.11	21.175	24.9	26.28
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/28/92-08/26/96	15	25.	25.8	41.	20.	25.743	5.074	20.	23.	27.	35.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-08/26/96	30	38050.	37173.333	41300.	31200.	10253057.471	3202.04	32110.	34500.	39925.	40090.
00300	OXYGEN, DISSOLVED MG/L	05/24/89-08/26/96	23	4.	4.957	12.5	2.	9.998	3.162	2.5	3.	5.5	11.3
00406	PH, FIELD, STANDARD UNITS SU	05/30/89-08/26/96	21	8.18	8.183	8.86	7.6	0.153	0.392	7.622	7.87	8.56	8.742
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/30/89-08/26/96	21	8.18	8.03	8.86	7.6	0.178	0.422	7.622	7.87	8.56	8.742
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/89-08/26/96	21	0.007	0.009	0.025	0.001	0.	0.008	0.002	0.003	0.014	0.024
00480	SALINITY - PARTS PER THOUSAND	05/30/89-08/26/96	30	25.1	25.017	27.2	21.8	1.776	1.333	23.11	24.1	26.025	26.98
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/24/89-08/26/96	14	72.5	743.071	5539.	0.	2366604.225	1538.377	0.	0.	850.	3869.5
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/24/89-08/26/96	14	1.851	1.61	3.743	0.	1.937	1.392	0.	0.	2.885	3.543
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			40.728								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/24/89-08/26/96	15	0.	325.733	3654.	0.	873243.781	934.475	0.	0.	200.	1821.6
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/24/89-08/26/96	15	0.	1.089	3.563	0.	1.653	1.286	0.	0.	2.301	3.092
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			12.265								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station GATE0010

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/89-08/26/96	24	19.55	18.179	26.	3.5	36.408	6.034	10.05	12.925	23.75	25.3
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/28/92-08/26/96	13	20.6	18.631	27.2	7.8	45.342	6.734	8.24	12.5	24.15	27.2
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-08/26/96	24	32950.	31420.833	38800.	22300.	26158242.754	5114.513	23700.	26575.	34675.	38450.
00300	OXYGEN, DISSOLVED MG/L	05/24/89-08/26/96	22	5.5	6.168	12.3	0.	11.69	3.419	1.94	3.6	9.35	11.05
00406	PH, FIELD, STANDARD UNITS SU	05/30/89-08/26/96	24	7.8	7.792	8.4	7.2	0.076	0.276	7.5	7.6	8.	8.2
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/30/89-08/26/96	24	7.8	7.71	8.4	7.2	0.083	0.289	7.5	7.6	8.	8.2
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/89-08/26/96	24	0.016	0.019	0.063	0.004	0.	0.013	0.006	0.01	0.025	0.032
00480	SALINITY - PARTS PER THOUSAND	05/30/89-08/26/96	24	24.	24.017	31.9	5.1	26.283	5.127	21.2	21.925	26.2	30.35
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/24/89-08/26/96	26	14.5	129.	1253.	0.	75810.24	275.337	0.	0.	87.	493.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/24/89-08/26/96	26	0.731	1.045	3.098	0.	1.278	1.13	0.	0.	1.94	2.693
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			11.091								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/24/89-08/26/96	26	0.	6.192	37.	0.	169.282	13.011	0.	0.	0.	33.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/24/89-08/26/96	26	0.	0.29	1.568	0.	0.367	0.606	0.	0.	0.	1.519
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.948								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station GATE0010

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/89-08/26/96	20	23.	23.085	27.1	19.	6.191	2.488	20.	20.675	24.9	26.87
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/28/92-08/26/96	9	23.3	24.256	28.3	18.9	8.57	2.928	18.9	23.05	27.25	28.3
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-08/26/96	20	35700.	35200.	38900.	31500.	5786315.789	2405.476	31810.	33200.	36525.	38500.
00300	OXYGEN, DISSOLVED MG/L	05/24/89-08/26/96	20	6.	5.905	8.9	2.4	3.138	1.772	3.65	4.375	7.2	8.29
00406	PH, FIELD, STANDARD UNITS SU	05/30/89-08/26/96	20	7.995	8.05	8.8	7.71	0.089	0.298	7.723	7.775	8.248	8.483
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/30/89-08/26/96	20	7.995	7.969	8.8	7.71	0.095	0.309	7.723	7.775	8.247	8.483
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/89-08/26/96	20	0.01	0.011	0.019	0.002	0.	0.006	0.003	0.006	0.017	0.019
00480	SALINITY - PARTS PER THOUSAND	05/30/89-08/26/96	20	24.15	24.355	28.2	21.2	3.221	1.795	21.72	23.325	25.125	27.34
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/24/89-08/26/96	20	58.	210.25	783.	0.	66826.303	258.508	0.	0.	456.75	635.1
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/24/89-08/26/96	20	1.763	1.576	2.894	0.	1.302	1.141	0.	0.	2.642	2.803
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			37.678								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/24/89-08/26/96	20	29.	65.25	232.	0.	6008.724	77.516	0.	0.	87.	229.1
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/24/89-08/26/96	20	1.462	1.284	2.365	0.	0.829	0.911	0.	0.	1.94	2.36
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			19.233								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1996 - Station GATE0010

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/89-08/26/96	26	22.85	22.654	25.2	17.4	3.508	1.873	19.44	22.2	23.75	24.83
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/28/92-08/26/96	13	24.	23.885	28.5	20.	5.965	2.442	20.6	22.25	25.75	27.9
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-08/26/96	26	33100.	33030.769	34400.	31300.	883015.385	939.689	31640.	32100.	33850.	34330.
00300	OXYGEN, DISSOLVED MG/L	05/24/89-08/26/96	26	8.5	8.231	12.4	3.7	3.919	1.98	4.85	7.95	9.025	10.84
00406	PH, FIELD, STANDARD UNITS SU	05/30/89-08/26/96	26	7.615	7.738	8.63	7.29	0.116	0.34	7.437	7.535	7.87	8.343
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/30/89-08/26/96	26	7.615	7.644	8.63	7.29	0.125	0.353	7.437	7.535	7.87	8.343
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/89-08/26/96	26	0.024	0.023	0.051	0.002	0.	0.012	0.005	0.014	0.029	0.037
00480	SALINITY - PARTS PER THOUSAND	05/30/89-08/26/96	26	20.8	20.796	21.8	19.6	0.424	0.651	19.84	20.2	21.275	21.7
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/24/89-08/26/96	26	29.	265.692	3167.	0.	404175.902	635.748	0.	0.	304.5	771.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/24/89-08/26/96	26	1.462	1.363	3.501	0.	1.436	1.198	0.	0.	2.482	2.887
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			23.048								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/24/89-08/26/96	26	0.	33.462	348.	0.	6438.178	80.238	0.	0.	29.	130.5
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/24/89-08/26/96	26	0.	0.612	2.542	0.	0.795	0.891	0.	0.	1.462	2.067
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4.096								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0010

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/89-08/26/96	56	23.95	23.82	26.8	18.2	2.657	1.63	21.74	23.025	25.175	25.63
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-08/26/96	56	35950.	36076.786	41200.	29600.	9004724.026	3000.787	31900.	33725.	39225.	40000.
00300	OXYGEN, DISSOLVED MG/L	05/24/89-08/26/96	49	5.5	6.214	13.8	1.7	8.843	2.974	2.5	3.7	8.5	10.3
00406	PH, FIELD, STANDARD UNITS SU	05/30/89-08/26/96	44	7.9	7.949	8.87	7.2	0.151	0.388	7.4	7.64	8.2	8.52
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/30/89-08/26/96	44	7.9	7.796	8.87	7.2	0.175	0.418	7.4	7.64	8.2	8.52
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/89-08/26/96	44	0.013	0.016	0.063	0.001	0.	0.014	0.003	0.006	0.023	0.04
00480	SALINITY - PARTS PER THOUSAND	05/30/89-08/26/96	56	24.15	24.207	30.5	19.6	6.45	2.54	20.2	23.1	26.175	27.13
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/24/89-08/26/96	41	100.	658.195	5075.	0.	1412490.761	1188.483	0.	0.	572.	2620.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/24/89-08/26/96	41	2.	1.813	3.705	0.	1.573	1.254	0.	0.	2.757	3.417
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			65.054								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/24/89-08/26/96	42	0.	196.405	1392.	0.	160021.759	400.027	0.	0.	109.	1032.5
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/24/89-08/26/96	42	0.	1.06	3.144	0.	1.45	1.204	0.	0.	2.033	3.013
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			11.482								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0010

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/89-08/26/96	1	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-08/26/96	1	22300.	22300.	22300.	22300.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/24/89-08/26/96	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	05/30/89-08/26/96	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/30/89-08/26/96	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/89-08/26/96	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	05/30/89-08/26/96	1	23.4	23.4	23.4	23.4	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/24/89-08/26/96	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/24/89-08/26/96	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/24/89-08/26/96	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/24/89-08/26/96	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0010

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/89-08/26/96	149	22.4	21.515	28.3	8.9	13.213	3.635	17.	19.05	24.	25.4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-08/26/96	149	36200.	35576.51	42200.	23400.	11954512.062	3457.53	31900.	33300.	38200.	39500.
00300	OXYGEN, DISSOLVED MG/L	05/24/89-08/26/96	124	6.5	6.573	12.9	0.	9.418	3.069	3.	4.1	8.6	10.85
00406	PH, FIELD, STANDARD UNITS SU	05/30/89-08/26/96	132	8.	8.007	8.9	6.	0.23	0.479	7.5	7.693	8.315	8.679
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/30/89-08/26/96	132	8.	7.607	8.9	6.	0.391	0.625	7.5	7.692	8.315	8.679
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/89-08/26/96	132	0.01	0.025	1.	0.001	0.008	0.091	0.002	0.005	0.02	0.032
00480	SALINITY - PARTS PER THOUSAND	05/30/89-08/26/96	147	24.2	23.851	31.9	5.1	9.321	3.053	20.7	21.7	25.9	27.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/24/89-08/26/96	117	87.	329.573	5539.	0.	522963.54	723.162	0.	0.	377.	788.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/24/89-08/26/96	117	1.94	1.601	3.743	0.	1.309	1.144	0.	0.	2.576	2.897
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			39.904								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/24/89-08/26/96	117	0.	97.675	3654.	0.	133039.911	364.746	0.	0.	58.	232.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/24/89-08/26/96	117	0.	0.826	3.563	0.	1.072	1.035	0.	0.	1.763	2.365
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			6.704								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0011

NPS Station ID: GATE0011
LAT/LON: 40.629170/ -73.783338
Agency: 11BIOACC
Date Created: 02/24/90
Location: JAMAICA BAY @ NEW YORK
FIPS State/County: 36059 NEW YORK/NASSAU
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 3322
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030202
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02030202
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 02030201000421.96
RF3 Mile Point: 25.21
Distance from RF3: 0.10
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
30344	PENTACHLORODIBENZO-P-DIOXIN,12378,FISH,WET WT,PG/G	09/08/87-09/08/87	1 ##	0.455	0.455	0.455	0.455	0.	0.	**	**	**	**
30345	HEXACHLORODIBENZO-P-DIOXIN,123478,FISH,WET WT,PG/G	09/08/87-09/08/87	1 ##	1.22	1.22	1.22	1.22	0.	0.	**	**	**	**
30346	HEXACHLORODIBENZO-P-DIOXIN,123678,FISH,WET WT,PG/G	09/08/87-09/08/87	1 ##	0.91	0.91	0.91	0.91	0.	0.	**	**	**	**
30347	HEXACHLORODIBENZO-P-DIOXIN,123789,FISH,WET WT,PG/G	09/08/87-09/08/87	1 ##	0.68	0.68	0.68	0.68	0.	0.	**	**	**	**
30348	HEPTACHLORODIBENZO-P-DIOXIN,1234678,TIS,WETWT,PG/G	09/08/87-09/08/87	1 ##	0.645	0.645	0.645	0.645	0.	0.	**	**	**	**
30349	TETRACHLORODIBENZOFURAN, 2378- , FISH,WET WT.,PG/G	09/08/87-09/08/87	1	0.67	0.67	0.67	0.67	0.	0.	**	**	**	**
30350	PENTACHLORODIBENZOFURAN,12378- , FISH,WET WT.,PG/G	09/08/87-09/08/87	1	0.42	0.42	0.42	0.42	0.	0.	**	**	**	**
30351	PENTACHLORODIBENZOFURAN,23478- , FISH,WET WT.,PG/G	09/08/87-09/08/87	1	0.75	0.75	0.75	0.75	0.	0.	**	**	**	**
30352	HEXACHLORODIBENZOFURAN,123478- , FISH,WET WT.,PG/G	09/08/87-09/08/87	1 ##	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
30353	HEXACHLORODIBENZOFURAN,123678- , FISH,WET WT.,PG/G	09/08/87-09/08/87	1 ##	1.405	1.405	1.405	1.405	0.	0.	**	**	**	**
30354	HEXACHLORODIBENZOFURAN,123789- , FISH,WET WT.,PG/G	09/08/87-09/08/87	1 ##	1.37	1.37	1.37	1.37	0.	0.	**	**	**	**
30355	HEXACHLORODIBENZOFURAN,234678- , FISH,WET WT.,PG/G	09/08/87-09/08/87	1 ##	0.97	0.97	0.97	0.97	0.	0.	**	**	**	**
30356	HEPTACHLORODIBENZOFURAN,1234678- ,FISH,WET WT,PG/G	09/08/87-09/08/87	1 ##	0.715	0.715	0.715	0.715	0.	0.	**	**	**	**
30357	HEPTACHLORODIBENZOFURAN,1234789- ,FISH,WET WT,PG/G	09/08/87-09/08/87	1 ##	1.295	1.295	1.295	1.295	0.	0.	**	**	**	**
34754	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN TISWETWTPG/G	09/08/87-09/08/87	1	1.16	1.16	1.16	1.16	0.	0.	**	**	**	**
70977	INSTRUMENT RATIO, LAB/FIELD CONCENTRATIONS, NUMBER	09/08/87-09/08/87	1	1.62	1.62	1.62	1.62	0.	0.	**	**	**	**

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********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GATE0012

NPS Station ID: GATE0012
LAT/LON: 40.633531/ -73.795170
Agency: 11NPSWRD
Date Created: 12/21/96
Location: Grassy Bay
FIPS State/County: 36081 NEW YORK/QUEENS
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): GATE_JB-9 /JFKN
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02030202
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METROPOLITAN AREA
ECO Region:
RF1 Index: 02030202
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
Station is located in Grassy Bay west of JFK Airport. The station can be found on the USGS 7.5' Jamaica Bay quadrangle. To reach the site: Drive boat to far end of Grassy Bay near JFK wooden light pier. Take samples within 25 meters of JFK overflow pipe retaining buoys. Any data recorded with a depth of 999 indicates that the sample was collected at the bottom. Data recorded with a depth of 0 indicates that the sample was collected at the surface. For additional information on the water quality data stored at this station; contact the Division of Natural Resources at Gateway National Recreation Area - Building 210; Fort Wadsworth; Staten Island N.Y. 10305 (tel. 718-448-5505; fax. 718-448-4015). The park produces an Annual Report summarizing each year's monitoring activities. Data processed and uploaded to STORET by Dean Tucker; NPS Water Resources Division; 1201 Oak Ridge Drive Ste. 250; Fort Collins CO 80525 (tel. 970-225-3516; fax. 970-225-9965).

Parameter Inventory for Station: GATE0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/26/96	146	23.25	22.658	27.7	14.3	7.433	2.726	18.5	21.15	24.425	25.39
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/28/94-08/26/96	33	24.	24.112	29.4	12.8	12.082	3.476	19.42	22.35	27.	28.22
00078	TRANSPARENCY, SECCHI DISC (METERS)	06/04/96-08/26/96	13	1.25	1.173	2.	0.25	0.264	0.514	0.35	0.75	1.5	1.9
00080	COLOR (PLATINUM-COBALT UNITS)	06/07/83-08/30/83	12	30.	34.167	70.	25.	171.97	13.114	25.	26.25	33.75	64.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-08/26/96	140	34650.	34417.857	40500.	21800.	9835146.454	3136.104	30910.	32300.	36600.	38200.
00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/26/96	121	5.5	5.885	13.7	0.5	7.784	2.79	2.3	3.65	8.45	9.2
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/12/83-08/30/83	4	75.	79.75	120.	49.	1192.917	34.539	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/01/83-08/30/83	14	7.95	7.936	8.9	7.4	0.189	0.434	7.4	7.575	8.25	8.65
00403	CONVERTED PH, LAB, STANDARD UNITS	06/01/83-08/30/83	14	7.947	7.774	8.9	7.4	0.217	0.466	7.4	7.575	8.25	8.65
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/01/83-08/30/83	14	0.011	0.017	0.04	0.001	0.	0.013	0.003	0.006	0.027	0.04
00406	PH, FIELD, STANDARD UNITS SU	05/30/89-08/26/96	119	7.81	7.797	9.1	4.5	0.335	0.579	7.25	7.54	8.17	8.34
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/30/89-08/26/96	119	7.81	6.405	9.1	4.5	2.291	1.514	7.25	7.54	8.17	8.34
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/89-08/26/96	119	0.015	0.394	31.623	0.001	9.663	3.108	0.005	0.007	0.029	0.056
00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/26/96	150	22.9	22.768	30.8	13.2	7.165	2.677	19.51	20.875	24.2	25.69
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/28/94-09/28/94	11	2.	3.145	9.3	0.	7.885	2.808	0.2	1.	5.2	8.74
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/09/83-08/23/83	2	0.565	0.565	0.664	0.466	0.02	0.14	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/26/83-08/30/83	4	0.119	0.122	0.165	0.085	0.001	0.033	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/28/94-08/26/96	36	0.2	0.198	0.4	0.	0.011	0.106	0.035	0.11	0.283	0.333
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/26/94-08/26/96	32	0.34	0.655	3.5	0.05	0.765	0.875	0.1	0.183	0.615	1.78

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GATE0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00940	CHLORIDE,TOTAL IN WATER MG/L	06/01/83-08/30/83	12	13254.	13486.083	17052.	12123.	1685050.629	1298.095	12156.9	12616.5	14006.5	16185.3
01042	COPPER, TOTAL (UG/L AS CU)	06/28/94-09/28/94	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/26/96	213	522.	2435.282	132000.	0.	92749687.864	9630.664	19.6	105.5	1856.	4920.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/26/96	213	2.718	2.544	5.121	0.	1.08	1.039	1.29	2.021	3.269	3.692
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			350.104								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/01/83-08/30/83	14	2000.	8017.786	24000.	79.	112469731.72	10605.175	149.5	345.	24000.	24000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/01/83-08/30/83	14	3.292	3.34	4.38	1.898	0.701	0.837	2.12	2.538	4.38	4.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			2187.294								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/01/83-08/30/83	14	900.	4134.071	24000.	27.	71270290.533	8442.173	48.5	307.5	1800.	24000.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/01/83-08/30/83	14	2.943	2.92	4.38	1.431	0.665	0.815	1.638	2.484	3.248	4.38
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			832.261								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	225	87.	1153.671	24000.	0.	8117169.49	2849.065	0.	11.	642.	4161.6
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	225	1.94	1.886	4.38	0.	1.549	1.244	0.	1.041	2.807	3.619
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			76.95								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	09/08/83-08/12/96	27	4.42	9.525	112.4	0.21	450.664	21.229	0.256	1.61	8.83	17.756
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	06/28/94-08/26/96	32 ##	0.025	0.041	0.2	0.	0.003	0.055	0.	0.025	0.025	0.17
50064	CHLORINE, FREE AVAILABLE (MG/L)	06/28/94-08/26/96	32 ##	0.025	0.041	0.2	0.	0.003	0.055	0.	0.025	0.025	0.17
50066	CHLORINE, COMBINED AVAILABLE (MG/L)	06/28/94-09/28/94	8	0.	0.013	0.1	0.	0.001	0.035	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/09/83-09/08/83	3	0.203	0.155	0.263	0.	0.019	0.138	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0012

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	121	38	0.31	40	16	0.40				81	22	0.27			
00403	PH, LAB	Other-Hi Lim.	8.5	14	1	0.07	5	0	0.00				9	1	0.11			
		Other-Lo Lim.	6.5	14	0	0.00	5	0	0.00				9	0	0.00			
00406	PH, FIELD	Other-Hi Lim.	8.5	119	5	0.04	37	0	0.00				82	5	0.06			
		Other-Lo Lim.	6.5	119	2	0.02	37	0	0.00				82	2	0.02			
01042	COPPER, TOTAL	Marine Acute	2.9	12	0	0.00	6	0	0.00				6	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	213	78	0.37	68	23	0.34				145	55	0.38			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	14	9	0.64	5	4	0.80				9	5	0.56			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	14	12	0.86	5	5	1.00				9	7	0.78			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	225	93	0.41	69	27	0.39				156	66	0.42			
50060	CHLORINE, TOTAL RESIDUAL	Marine Acute	0.013	8 &	4	0.50	4	4	1.00				4	0	0.00			
50064	CHLORINE, FREE AVAILABLE	Marine Acute	0.013	8 &	4	0.50	4	4	1.00				4	0	0.00			
50066	CHLORINE, COMBINED AVAILABLE	Marine Acute	0.013	8	1	0.13	4	1	0.25				4	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1980 - Station GATE0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/26/96	10	111.	261.6	1122.	0.	138773.6	372.523	0.	8.25	386.25	1080.9
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/26/96	10	2.008	1.714	3.05	0.	1.198	1.095	0.	0.781	2.546	3.03
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			51.809								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	10	16.5	25.4	89.	0.	714.489	26.73	0.	8.25	35.75	84.5
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	10	1.192	1.11	1.949	0.	0.428	0.654	0.	0.781	1.55	1.919
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			12.872								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station GATE0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/26/96	8	65.	578.5	4100.	0.	2029933.429	1424.757	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/26/96	8	1.812	1.792	3.613	0.	1.06	1.03	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			61.954								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	12	20.	57.583	330.	0.	8782.447	93.715	0.6	4.	87.	264.9
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	12	1.296	1.254	2.519	0.	0.583	0.763	0.09	0.569	1.92	2.379
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			17.947								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station GATE0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/26/96	9	232.	532.222	2650.	3.	703672.694	838.852	3.	60.	686.5	2650.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/26/96	9	2.365	2.21	3.423	0.477	0.737	0.858	0.477	1.753	2.827	3.423
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			162.079								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	9	50.	267.556	1765.	3.	322205.778	567.632	3.	11.	213.5	1765.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	9	1.699	1.746	3.247	0.477	0.71	0.843	0.477	1.04	2.329	3.247
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			55.699								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station GATE0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/26/96	6	23.	22.5	24.	20.	3.1	1.761	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/26/96	6	5.7	6.15	9.4	3.4	7.995	2.828	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/26/96	12	23.95	24.367	30.8	21.9	5.501	2.345	21.96	22.8	25.325	29.24
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/26/96	14	1930.	4897.357	21400.	70.	55049890.863	7419.561	75.	124.5	7275.	20700.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/26/96	14	3.285	3.06	4.33	1.845	0.782	0.884	1.874	2.095	3.837	4.316
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1148.764								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	14	525.	2653.	18600.	21.	26186760.769	5117.3	40.5	80.25	3520.	13300.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	14	2.716	2.705	4.27	1.322	0.777	0.881	1.55	1.899	3.545	4.086
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			507.148								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GATE0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/26/96	13	5667.	7694.462	20000.	18.	50476048.436	7104.65	130.8	755.	13066.5	20000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/26/96	13	3.753	3.465	4.301	1.255	0.816	0.903	1.744	2.79	4.114	4.301
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2920.065								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	13	324.	1324.462	7600.	7.	4697393.603	2167.347	10.6	45.5	2055.	5920.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	13	2.511	2.462	3.881	0.845	0.878	0.937	0.989	1.631	3.302	3.741
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			290.037								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GATE0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/26/96	12	2405.	2792.167	6666.	83.	5345113.242	2311.95	238.1	692.5	4296.25	6666.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/26/96	12	3.356	3.224	3.824	1.919	0.31	0.556	2.177	2.84	3.632	3.824
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1675.232								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	14	9.5	649.929	6666.	0.	3250605.456	1802.944	0.	0.	179.5	4283.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	14	0.962	1.231	3.824	0.	1.621	1.273	0.	0.	2.214	3.551
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			17.038								

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Annual Analysis for 1986 - Station GATE0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/26/96	13	71.	97.923	256.	0.	7882.077	88.781	6.4	25.5	174.5	251.2
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/26/96	13	1.851	1.714	2.408	0.	0.431	0.657	0.482	1.406	2.24	2.4
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			51.752								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	13	32.	100.308	573.	0.	27716.397	166.482	0.	9.5	148.5	447.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	13	1.505	1.432	2.758	0.	0.696	0.835	0.	0.962	2.049	2.62
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			27.022								

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Annual Analysis for 1987 - Station GATE0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/26/96	14	599.	1159.214	3025.	47.	1295463.258	1138.184	103.5	291.25	2383.5	3012.5
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/26/96	14	2.777	2.818	3.481	1.672	0.285	0.534	1.938	2.463	3.373	3.479
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			657.306								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	14	106.	677.071	4404.	0.	1626089.302	1275.182	2.5	42.25	713.25	3208.5
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	14	2.017	2.052	3.644	0.	0.966	0.983	0.349	1.625	2.672	3.474
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			112.615								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GATE0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/26/96	12	550.5	1242.25	7300.	146.	3941030.932	1985.203	192.2	333.25	1285.25	5724.7
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/26/96	12	2.731	2.817	3.863	2.164	0.208	0.457	2.258	2.523	3.097	3.698
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			655.939								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GATE0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	14	228.	473.214	1949.	0.	393734.489	627.483	11.	33.	667.	1789.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	14	2.347	2.173	3.29	0.	0.773	0.879	0.671	1.519	2.803	3.251
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			148.908								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/26/96	20	23.25	22.045	24.6	14.4	8.229	2.869	18.35	19.625	24.3	24.49
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-08/26/96	20	35800.	35850.	40400.	31000.	5510000.	2347.339	32450.	34150.	37550.	39320.
00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/26/96	8	4.65	5.638	13.4	0.5	25.451	5.045	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	05/30/89-08/26/96	14	7.7	7.543	8.2	6.8	0.24	0.489	6.85	7.05	7.875	8.2
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/30/89-08/26/96	14	7.7	7.302	8.2	6.8	0.302	0.549	6.85	7.05	7.875	8.2
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/89-08/26/96	14	0.02	0.05	0.158	0.006	0.003	0.052	0.006	0.014	0.091	0.142
00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/26/96	20	21.75	21.54	24.7	18.1	4.234	2.058	18.41	19.85	23.35	23.99
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/26/96	14	830.5	3355.643	19280.	209.	29368745.478	5419.294	209.	529.25	4661.75	14903.5
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/26/96	14	2.916	3.103	4.285	2.32	0.372	0.61	2.32	2.717	3.666	4.154
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1266.351								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	14	67.5	1232.714	14993.	0.	15748977.758	3968.498	0.	21.75	348.	7942.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	14	1.829	1.785	4.176	0.	1.421	1.192	0.	1.097	2.526	3.563
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			60.959								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/26/96	30	22.95	21.983	26.7	14.3	12.166	3.488	16.45	18.575	25.125	25.6
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-08/26/96	30	35850.	35956.667	39600.	29300.	4016333.333	2004.079	33700.	34950.	37300.	38550.
00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/26/96	23	5.	5.265	10.	1.4	6.005	2.451	2.42	3.	7.1	8.92
00406	PH, FIELD, STANDARD UNITS SU	05/30/89-08/26/96	24	8.2	8.083	9.1	7.2	0.234	0.483	7.2	7.825	8.4	8.6
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/30/89-08/26/96	24	8.2	7.81	9.1	7.2	0.312	0.558	7.2	7.825	8.4	8.6
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/89-08/26/96	24	0.006	0.015	0.063	0.001	0.	0.02	0.003	0.004	0.015	0.063
00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/26/96	28	23.5	23.271	28.2	18.9	3.859	1.964	20.59	21.925	24.375	25.3
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/26/96	10	1072.5	1781.4	5000.	134.	3442556.489	1855.413	135.1	319.	3500.25	4980.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/26/96	10	3.03	2.975	3.699	2.127	0.325	0.57	2.131	2.473	3.535	3.697
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			944.225								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	11	58.	981.455	8000.	0.	5598594.873	2366.135	0.	0.	1072.	6627.8
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	11	1.763	1.757	3.903	0.	1.808	1.345	0.	0.	3.03	3.734
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			57.186								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/26/96	26	24.4	23.904	27.7	17.8	4.91	2.216	20.39	22.65	25.15	26.36
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-08/26/96	26	35050.	35126.923	39500.	30700.	6376446.154	2525.163	31820.	33050.	37550.	38730.
00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/26/96	20	4.6	4.74	8.6	2.1	3.908	1.977	2.23	2.975	6.425	7.9
00406	PH, FIELD, STANDARD UNITS SU	05/30/89-08/26/96	17	7.9	7.982	8.5	7.4	0.09	0.3	7.56	7.8	8.25	8.42
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/30/89-08/26/96	17	7.9	7.888	8.5	7.4	0.1	0.316	7.56	7.8	8.25	8.42
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/89-08/26/96	17	0.013	0.013	0.04	0.003	0.	0.009	0.004	0.006	0.016	0.028

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/26/96	26	23.8	23.673	25.7	21.1	1.892	1.375	21.87	22.45	24.825	25.63
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/26/96	22	1073.	1124.273	3000.	0.	944482.113	971.845	0.	87.	1856.	2865.6
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/26/96	22	3.031	2.455	3.477	0.	1.557	1.248	0.	1.94	3.269	3.456
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			285.354								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	24	2721.	3395.333	8381.	0.	7406452.754	2721.48	0.	810.	5045.75	7940.5
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	24	3.434	2.924	3.923	0.	1.88	1.371	0.	2.867	3.703	3.899
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			839.624								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station GATE0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/26/96	14	21.55	21.457	25.1	15.1	10.335	3.215	15.4	19.95	25.	25.05
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-08/26/96	14	33750.	32771.429	38500.	22800.	17034505.495	4127.288	25450.	30050.	35300.	38250.
00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/26/96	14	3.8	4.664	11.4	1.7	8.107	2.847	1.75	2.075	6.625	9.55
00406	PH, FIELD, STANDARD UNITS SU	05/30/89-08/26/96	14	7.65	7.329	8.3	4.5	1.336	1.156	4.7	7.4	7.875	8.3
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/30/89-08/26/96	14	7.625	5.498	8.3	4.5	4.944	2.224	4.7	7.4	7.875	8.3
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/89-08/26/96	14	0.024	3.176	31.623	0.005	78.25	8.846	0.005	0.014	0.04	22.106
00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/26/96	14	25.	24.436	30.	16.3	14.819	3.85	18.25	21.95	28.125	29.5
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/26/96	12	1828.	12762.417	132000.	33.	1412874166.447	37588.218	127.5	477.	3482.5	94200.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/26/96	12	3.262	3.197	5.121	1.519	0.73	0.854	1.825	2.663	3.541	4.718
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1574.081								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	13	396.	2426.	24000.	0.	42612823.333	6527.85	0.	33.	1283.	15457.2
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	13	2.598	2.215	4.38	0.	1.965	1.402	0.	0.91	3.087	3.997
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			164.058								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station GATE0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/26/96	24	23.2	23.45	27.1	20.	5.448	2.334	20.1	21.175	25.725	26.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-08/26/96	24	34600.	34945.833	40500.	29400.	8335634.058	2887.15	31500.	32925.	37400.	39350.
00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/26/96	24	5.05	5.721	9.3	2.3	4.579	2.14	3.25	4.025	8.1	8.9
00406	PH, FIELD, STANDARD UNITS SU	05/30/89-08/26/96	24	7.92	7.886	8.34	7.	0.102	0.32	7.3	7.793	8.123	8.185
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/30/89-08/26/96	24	7.92	7.737	8.34	7.	0.125	0.354	7.3	7.792	8.122	8.185
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/89-08/26/96	24	0.012	0.018	0.1	0.005	0.	0.022	0.007	0.008	0.016	0.051
00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/26/96	24	23.9	23.925	28.9	20.4	3.892	1.973	21.6	22.65	24.5	27.3
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/26/96	24	377.	490.583	2059.	0.	271454.08	521.013	0.	58.	913.5	1160.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/26/96	24	2.575	2.198	3.314	0.	0.962	0.981	0.	1.763	2.961	3.064
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			157.708								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	24	116.	700.833	6206.	0.	2788512.232	1669.884	0.	29.	420.5	3378.5
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	24	2.064	1.889	3.793	0.	1.334	1.155	0.	1.462	2.623	3.348
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			77.484								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1996 - Station GATE0012

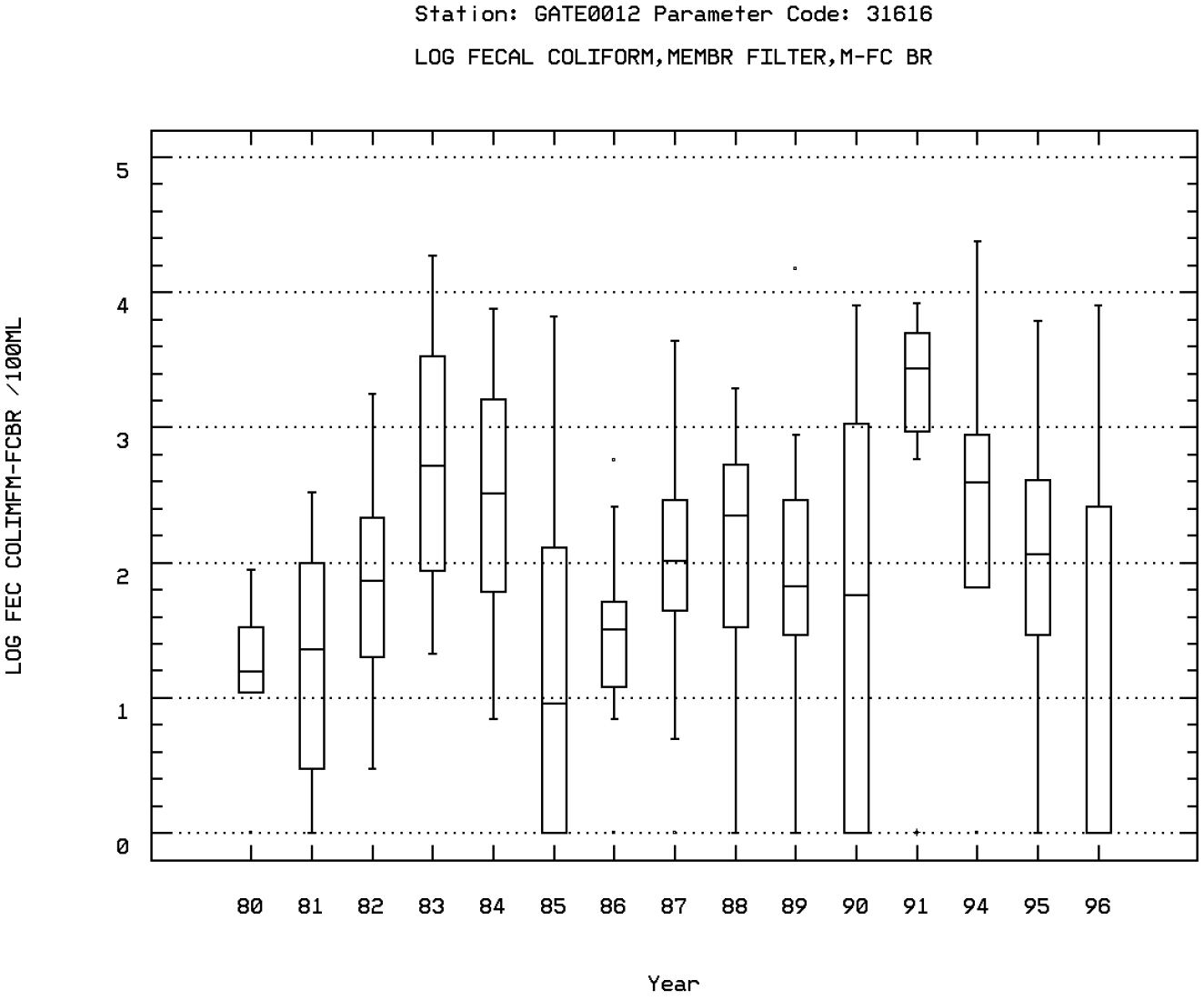
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/26/96	26	23.	22.615	24.6	18.1	2.951	1.718	19.95	21.8	23.9	24.23
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-08/26/96	26	31800.	31230.769	33400.	21800.	5579015.385	2361.994	28180.	30900.	32500.	33160.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1996 - Station GATE0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/26/96	26	8.6	8.138	13.7	3.2	4.376	2.092	4.91	7.325	9.05	9.88
00406	PH, FIELD, STANDARD UNITS SU	05/30/89-08/26/96	26	7.66	7.72	8.44	7.25	0.122	0.35	7.3	7.445	8.052	8.291
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/30/89-08/26/96	26	7.66	7.61	8.44	7.25	0.135	0.367	7.3	7.445	8.052	8.291
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/89-08/26/96	26	0.022	0.025	0.056	0.004	0.	0.015	0.005	0.009	0.036	0.05
00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/26/96	26	19.95	19.562	21.1	13.2	2.614	1.617	17.41	19.3	20.5	20.93
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/26/96	26	116.	681.731	6483.	0.	2087637.085	1444.866	0.	50.75	340.75	2587.5
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/26/96	26	2.064	1.927	3.812	0.	1.27	1.127	0.	1.688	2.52	3.408
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			84.616								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	26	0.	671.385	8050.	0.	3865079.206	1965.98	0.	0.	275.5	2705.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	26	0.	1.116	3.906	0.	1.852	1.361	0.	0.	2.438	3.272
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			13.074								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot


Station: GATE0012 Parameter Code: 31616
LOG FECAL COLIFORM,MEMBR FILTER,M-FC BR
LOG FEC COLIMFM-FCBR /100ML
0
1
2
3
4
5
80
81
82
83
84
85
86
87
88
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94
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96
Year

Grassy Bay

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/26/96	45	24.	23.498	26.7	15.1	5.457	2.336	20.56	23.05	24.85	25.6
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-08/26/96	42	33800.	33897.619	40500.	22800.	14648042.973	3827.276	28780.	31075.	36425.	39340.
00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/26/96	40	5.4	5.66	13.7	1.7	8.222	2.867	2.1	3.275	8.6	8.8
00406	PH, FIELD, STANDARD UNITS SU	05/30/89-08/26/96	37	7.8	7.821	8.44	7.2	0.119	0.345	7.28	7.645	8.095	8.3
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/30/89-08/26/96	37	7.8	7.689	8.44	7.2	0.136	0.369	7.28	7.645	8.095	8.3
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/89-08/26/96	37	0.016	0.02	0.063	0.004	0.	0.017	0.005	0.008	0.023	0.053
00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/26/96	46	23.25	23.067	30.8	16.3	9.058	3.01	19.24	21.65	25.275	26.15
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/26/96	68	452.	3673.971	132000.	0.	260841552.596	16150.59	0.	84.	2076.5	6048.3
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/26/96	68	2.653	2.469	5.121	0.	1.382	1.176	0.	1.924	3.316	3.782
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			294.216								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	69	72.	1399.681	24000.	0.	15425456.191	3927.525	0.	2.5	768.5	3360.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	69	1.857	1.822	4.38	0.	1.712	1.308	0.	0.389	2.884	3.526
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			66.319								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	09/08/83-08/12/96	13	2.37	5.675	17.34	0.21	35.773	5.981	0.502	1.32	11.035	16.22

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/26/96	101	22.8	22.284	27.7	14.3	7.918	2.814	18.3	20.6	24.3	25.28
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-08/26/96	98	34900.	34640.816	39600.	21800.	7734811.698	2781.153	31490.	32500.	36600.	38010.
00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/26/96	81	5.6	5.996	13.4	0.5	7.63	2.762	2.52	3.8	8.35	9.3
00406	PH, FIELD, STANDARD UNITS SU	05/30/89-08/26/96	82	7.9	7.787	9.1	4.5	0.436	0.66	7.215	7.5	8.2	8.4
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/30/89-08/26/96	82	7.9	6.25	9.1	4.5	2.826	1.681	7.215	7.5	8.2	8.4
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/89-08/26/96	82	0.013	0.562	31.623	0.001	13.984	3.74	0.004	0.006	0.032	0.061
00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/26/96	104	22.7	22.636	30.	13.2	6.35	2.52	19.7	20.8	24.1	25.15
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/26/96	145	580.	1854.379	20000.	0.	14120028.418	3757.663	30.8	116.	1856.	4427.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/26/96	145	2.763	2.58	4.301	0.	0.943	0.971	1.488	2.064	3.269	3.646
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			379.856								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	156	94.5	1044.859	14993.	0.	4924464.174	2219.113	0.	11.25	580.	4518.3
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	156	1.975	1.915	4.176	0.	1.484	1.218	0.	1.051	2.763	3.655
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			82.181								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	09/08/83-08/12/96	14	4.43	13.1	112.4	0.24	839.718	28.978	0.25	3.06	8.838	65.91

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0013

NPS Station ID: GATE0013 | LAT/LON: 40.599782/ -73.795587 | Agency: 11NPSWRD | Date Created: 12/21/96
Location: DuBois Point | FIPS State/County: 36081 NEW YORK/QUEENS
Station Type: /TYPA/AMBNT/ESTURY | STORET Station ID(s): GATE_JB-17
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 02030202 | Depth of Water: 0 | Aquifer:
Major Basin: NORTHEAST | Elevation: 0 | Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METROPOLITAN AREA | ECO Region:
RF1 Index: 02030202 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 02030202104200.00 | RF3 Mile Point: 0.00 | Distance from RF3: 4.93 | On/Off RF3:
Description:
Station is located at DuBois Point. The station can be found on the the USGS 7.5' Far Rockaway N.Y. quadrangle. The station is located just to the northwest of the words "Bulkhead in ruins" on the NOAA Jamaica Bay and Rockaway Inlet Nautical Map on the south side of Grass Hassock Channel south of Silver Hole Marsh between Conchs Hole Pt. and Brants Point. Any data recorded with a depth of 999 indicates that the sample was collected at the bottom. Data recorded with a depth of 0 indicates that the sample was collected at the surface. For more information on the water quality data stored at this station; contact the Division of Natural Resources at Gateway National Recreation Area - Building 210; Fort Wadsworth; Staten Island N.Y. 10305 (tel. 718-448-5505; fax. 718-448-4015). The park produces an Annual Report summarizing each year's monitoring activities. Data processed and uploaded to STORET by Dean Tucker; NPS WRD; 1201 Oak Ridge Drive Ste. 250; Fort Collins CO 80525 (tel. 970-225-3516; fax. 970-225-9965).

Parameter Inventory for Station: GATE0013

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/25/94-11/22/94	3	13.2	13.1	15.	11.1	3.81	1.952	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/25/94-11/22/94	3	15.	14.267	15.	12.8	1.613	1.27	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/25/94-11/22/94	3	28500.	28500.	28800.	28200.	90000.	300.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/25/94-11/22/94	3	5.5	5.733	7.4	4.3	2.443	1.563	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	10/25/94-11/22/94	3	7.7	7.8	8.3	7.4	0.21	0.458	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	10/25/94-11/22/94	3	7.7	7.666	8.3	7.4	0.237	0.487	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/25/94-11/22/94	3	0.02	0.022	0.04	0.005	0.	0.017	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	10/25/94-11/22/94	3	24.	24.3	25.1	23.8	0.49	0.7	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/25/94-11/22/94	3	58.	251.333	667.	29.	129794.333	360.27	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/25/94-11/22/94	3	1.763	2.017	2.824	1.462	0.512	0.715	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			103.908								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/25/94-11/22/94	3	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/25/94-11/22/94	3	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/25/94-11/22/94	3	1.53	4.767	12.6	0.17	46.483	6.818	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0013

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3	0	0.00	1	0	0.00	2	0	0.00						
00406	PH, FIELD	Other-Hi Lim.	9.	3	0	0.00	1	0	0.00	2	0	0.00						
		Other-Lo Lim.	6.5	3	0	0.00	1	0	0.00	2	0	0.00						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	3	0	0.00	1	0	0.00	2	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	3	0	0.00	1	0	0.00	2	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0014

NPS Station ID: GATE0014
LAT/LON: 40.631115/ -73.798615
Agency: 1111H030
Date Created: / /
Location: JAMAICA BAY (933)
FIPS State/County: 36081 NEW YORK/QUEENS
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): 403752007347550/933
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02030202
Depth of Water: 27
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-N.Y. METROPOLI
ECO Region:
RF1 Index: 02030202028
RF1 Mile Point: 22.980
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02030202134800.00
RF3 Mile Point: 0.00
Distance from RF3: 0.04
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00940	CHLORIDE,TOTAL IN WATER MG/L	04/22/65-04/22/65	2	14000.	14000.	14000.	14000.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/22/65-04/22/65	2	24500.	24500.	38000.	11000.	364500000.	19091.883	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/22/65-04/22/65	2	4.311	4.311	4.58	4.041	0.145	0.381	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			20445.048								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/22/65-04/22/65	2	14250.	14250.	21000.	7500.	91125000.	9545.942	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/22/65-04/22/65	2	4.099	4.099	4.322	3.875	0.1	0.316	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			12549.9								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0014

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	2	1.00							2	2	1.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	2	2	1.00							2	2	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0015

NPS Station ID: GATE0015
LAT/LON: 40.600837/ -73.800004
Agency: 1111H030
Date Created: / /
Location: JAMAICA BAY (942)
FIPS State/County: 36081 NEW YORK/QUEENS
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): 403603007348000/942
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030202
Depth of Water: 15
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-N.Y. METROPOLI
ECO Region:
RF1 Index: 02030202027
RF1 Mile Point: 19.850
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02030202002709.04
RF3 Mile Point: 19.40
Distance from RF3: 0.09
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00940	CHLORIDE,TOTAL IN WATER MG/L	04/22/65-04/22/65	2	14550.	14550.	14600.	14500.	5000.	70.711	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/22/65-04/22/65	2	630.	630.	760.	500.	33800.	183.848	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/22/65-04/22/65	2	2.79	2.79	2.881	2.699	0.017	0.129	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			616.441								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/22/65-04/22/65	2	510.	510.	560.	460.	5000.	70.711	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/22/65-04/22/65	2	2.705	2.705	2.748	2.663	0.004	0.06	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			507.543								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0015

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	0	0.00							2	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	2	2	1.00							2	2	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0016

NPS Station ID: GATE0016
LAT/LON: 40.600560/ -73.801670
Agency: 1111H030
Date Created: / /
Location: JAMAICA BAY (939)
FIPS State/County: 36081 NEW YORK/QUEENS
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): 403602007348060/939
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030202
Depth of Water: 15
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-N.Y. METROPOLI
ECO Region:
RF1 Index: 02030202028
RF1 Mile Point: 9.230
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02030202002900.00
RF3 Mile Point: 8.04
Distance from RF3: 0.22
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0016

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00940	CHLORIDE,TOTAL IN WATER MG/L	04/22/65-04/22/65	2	14175.	14175.	14350.	14000.	61250.	247.487	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/22/65-04/22/65	2	230.	230.	260.	200.	1800.	42.426	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/22/65-04/22/65	2	2.358	2.358	2.415	2.301	0.006	0.081	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			228.035								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/22/65-04/22/65	2	140.	140.	160.	120.	800.	28.284	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/22/65-04/22/65	2	2.142	2.142	2.204	2.079	0.008	0.088	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			138.564								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0016

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	0	0.00							2	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	2	0	0.00							2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0017

NPS Station ID: GATE0017
LAT/LON: 40.618338/ -73.808337
Agency: REGII208
Date Created: 05/25/78
Location: JAMAICA BAY
FIPS State/County: 36081 NEW YORK/QUEENS
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): NYC001J11 /J11
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02030202
Depth of Water: 30
Aquifer:
Major Basin: OFF GREEN POINT
Elevation: 0
Water Body Id:
Minor Basin: 100YD EAST OF CAN 5
ECO Region:
RF1 Index: 02030202028
RF1 Mile Point: 20.870
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02030202002709.04
RF3 Mile Point: 13.59
Distance from RF3: 0.05
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/15/76-07/18/77	4	12.75	12.7	25.	0.3	198.487	14.089	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	12/15/76-07/18/77	4	8.2	8.075	11.5	4.4	14.829	3.851	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	12/15/76-07/18/77	2	3.2	3.2	3.4	3.	0.08	0.283	**	**	**	**
00400	PH (STANDARD UNITS)	12/15/76-12/15/76	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/15/76-12/15/76	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/15/76-12/15/76	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	12/15/76-07/18/77	2	7.5	7.5	8.	7.	0.5	0.707	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/15/76-07/18/77	2	0.808	0.808	0.95	0.665	0.041	0.202	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/15/76-07/18/77	2	0.056	0.056	0.065	0.047	0.	0.013	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/15/76-07/18/77	2	0.128	0.128	0.18	0.075	0.006	0.074	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/15/76-07/18/77	2	1.58	1.58	1.76	1.4	0.065	0.255	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/15/76-07/18/77	2	0.28	0.28	0.32	0.24	0.003	0.057	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	12/15/76-07/18/77	4	15050.	15050.	15300.	14800.	56666.667	238.048	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	12/15/76-12/15/76	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	12/15/76-12/15/76	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	12/15/76-12/15/76	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	12/15/76-12/15/76	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	12/15/76-12/15/76	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	12/15/76-12/15/76	1	20.	20.	20.	20.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	12/15/76-07/18/77	2	1765.	1765.	3300.	230.	4712450.	2170.818	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	12/15/76-07/18/77	2	2.94	2.94	3.519	2.362	0.669	0.818	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			871.206								
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/15/76-07/18/77	2	5.	5.	5.	5.	0.	0.	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/15/76-07/18/77	2	0.699	0.699	0.699	0.699	0.	0.	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			5.								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/15/76-07/18/77	2	5.	5.	5.	5.	0.	0.	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/15/76-07/18/77	2	0.699	0.699	0.699	0.699	0.	0.	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			5.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/15/76-07/18/77	2	270.	270.	490.	50.	96800.	311.127	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/15/76-07/18/77	2	2.195	2.195	2.69	1.699	0.491	0.701	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			156.525								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	12/15/76-07/18/77	2	0.178	0.178	0.215	0.14	0.003	0.053	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	12/15/76-12/15/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0017

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00				2	0	0.00	2	0	0.00			
00400	PH	Other-Hi Lim.	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
01027	CADMIUM, TOTAL	Marine Acute	43.	1	0	0.00				1	0	0.00						
01042	COPPER, TOTAL	Marine Acute	2.9	1	1	1.00				1	1	1.00						
01051	LEAD, TOTAL	Marine Acute	220.	1	0	0.00				1	0	0.00						
01067	NICKEL, TOTAL	Marine Acute	75.	1	0	0.00				1	0	0.00						
01092	ZINC, TOTAL	Marine Acute	95.	1	0	0.00				1	0	0.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	1	0.50				1	1	1.00	1	0	0.00			
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	2	0	0.00				1	0	0.00	1	0	0.00			
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	2	0	0.00				1	0	0.00	1	0	0.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	2	1	0.50				1	1	1.00	1	0	0.00			
71900	MERCURY, TOTAL	Marine Acute	2.1	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0018

NPS Station ID: GATE0018
LAT/LON: 40.617948/ -73.809726
Agency: 11NPSWRD
Date Created: 12/21/96
Location: Winhole Channel
FIPS State/County: 36081 NEW YORK/QUEENS
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): GATE_JB-10
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02030202
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METROPOLITAN AREA
ECO Region:
RF1 Index: 02030202
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
Station is located in the Winhole Channel of Jamaica Bay between East High Meadow and the Broad Creek Marsh. The station can be found on the USGS 7.5' Far Rockaway N.Y. quadrangle. To reach the site: Drive boat into Winhole Channel. Take sample by the green buoy facing (closest to) Broad Creek Marsh. Any data recorded with a depth of 999 indicates that the sample was collected at the bottom. Data recorded with a depth of 0 indicates that the sample was collected at the surface. For additional information on the water quality data stored at this station; contact the Division of Natural Resources at Gateway National Recreation Area - Building 210; Fort Wadsworth; Staten Island N.Y. 10305 (tel. 718-448-5505; fax. 718-448-4015). The park produces an Annual Report summarizing each year's monitoring activities. Data processed and uploaded to STORET by Dean Tucker; NPS Water Resources Division; 1201 Oak Ridge Drive Ste. 250; Fort Collins CO 80525 (tel. 970-225-3516; fax. 970-225-9965).

Parameter Inventory for Station: GATE0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/30/93	140	23.4	22.46	28.	13.7	8.691	2.948	17.5	20.725	24.5	25.4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/28/92-08/30/93	30	24.5	24.427	38.	14.5	21.856	4.675	18.	22.	26.7	29.
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/28/92-08/30/93	28	1.07	1.146	1.83	0.46	0.086	0.293	0.904	0.938	1.333	1.552
00080	COLOR (PLATINUM-COBALT UNITS)	06/07/83-08/30/83	12	30.	31.667	70.	20.	160.606	12.673	21.5	25.	30.	59.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-08/30/93	136	36500.	36170.588	40100.	29800.	5367572.985	2316.802	32670.	35000.	37900.	38900.
00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/23/93	110	5.85	6.015	16.4	1.	8.25	2.872	2.62	3.975	7.525	9.89
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/12/83-08/30/83	4	93.	82.5	103.	41.	811.667	28.49	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/01/83-08/30/83	14	7.85	7.957	8.9	6.9	0.287	0.536	7.15	7.65	8.5	8.75
00403	CONVERTED PH, LAB, STANDARD UNITS	06/01/83-08/30/83	14	7.847	7.66	8.9	6.9	0.382	0.618	7.15	7.65	8.5	8.75
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/01/83-08/30/83	14	0.014	0.022	0.126	0.001	0.001	0.032	0.002	0.003	0.023	0.083
00406	PH, FIELD, STANDARD UNITS SU	05/30/89-08/30/93	106	8.1	8.075	9.2	6.7	0.188	0.434	7.591	7.8	8.303	8.7
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/30/89-08/30/93	106	8.1	7.843	9.2	6.7	0.243	0.492	7.591	7.8	8.303	8.7
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/89-08/30/93	106	0.008	0.014	0.2	0.001	0.001	0.023	0.002	0.005	0.016	0.026
00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/30/93	146	24.3	24.153	29.2	17.6	3.81	1.952	21.07	23.275	25.3	26.33
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/09/83-08/23/83	2	0.326	0.326	0.621	0.03	0.175	0.418	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/26/83-08/30/83	4	0.082	0.095	0.195	0.023	0.006	0.08	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/01/83-08/30/83	12	13601.5	13737.083	15579.	12576.	700914.447	837.206	12678.3	13097.	14345.5	15306.9
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/26/80-08/23/93	190	466.5	1228.642	11745.	0.	3691826.263	1921.413	14.	89.5	1484.25	3997.9
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/26/80-08/23/93	190	2.669	2.479	4.07	0.	0.851	0.923	1.146	1.952	3.171	3.602

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GATE0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			301.442								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/01/83-08/30/83	14	340.	890.143	5400.	5.	2162258.901	1470.462	8.	20.	1090.	3900.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/01/83-08/30/83	14	2.531	2.316	3.732	0.699	0.878	0.937	0.87	1.293	3.024	3.556
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			206.899								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/01/83-08/30/83	14	110.	123.143	350.	5.	12973.67	113.902	8.	20.	170.	350.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/01/83-08/30/83	14	2.041	1.83	2.544	0.699	0.337	0.58	0.87	1.293	2.23	2.544
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			67.622								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	199	29.	480.211	7500.	0.	1292979.895	1137.093	0.	2.	287.	1830.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	199	1.462	1.54	3.875	0.	1.345	1.16	0.	0.301	2.458	3.262
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			34.665								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	09/08/83-08/16/93	9	11.2	10.822	18.55	1.63	33.862	5.819	1.63	5.39	15.79	18.55
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/09/83-09/08/83	3	0.119	0.09	0.15	0.	0.006	0.079	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: GATE0018

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	110	28	0.25	36	12	0.33				74	16	0.22			
00403	PH, LAB	Other-Hi Lim.	8.5	14	4	0.29	5	0	0.00				9	4	0.44			
		Other-Lo Lim.	6.5	14	0	0.00	5	0	0.00				9	0	0.00			
00406	PH, FIELD	Other-Hi Lim.	8.5	106	20	0.19	29	3	0.10				77	17	0.22			
		Other-Lo Lim.	6.5	106	0	0.00	29	0	0.00				77	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	190	61	0.32	56	19	0.34				134	42	0.31			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	14	3	0.21	5	1	0.20				9	2	0.22			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	14	2	0.14	5	1	0.20				9	1	0.11			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	199	56	0.28	61	20	0.33				138	36	0.26			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1980 - Station GATE0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/26/80-08/23/93	9	467.	923.444	4389.	0.	2111145.028	1452.978	0.	5.5	1383.	4389.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/26/80-08/23/93	9	2.669	2.038	3.642	0.	1.882	1.372	0.	0.521	3.08	3.642
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			109.221								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	10	22.	247.1	2200.	0.	471752.989	686.843	0.	0.	79.25	1988.3
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	10	1.342	1.282	3.342	0.	1.122	1.059	0.	0.	1.899	3.2
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			19.162								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station GATE0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/26/80-08/23/93	11	27.	372.727	3700.	0.	1219669.418	1104.386	0.	3.	100.	2984.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/26/80-08/23/93	11	1.431	1.381	3.568	0.	1.087	1.043	0.	0.477	2.	3.27
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			24.05								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	12	7.5	152.75	707.	0.	65996.75	256.898	0.	3.	339.	664.4
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	12	0.849	1.241	2.849	0.	1.109	1.053	0.	0.477	2.458	2.82
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			17.428								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station GATE0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/26/80-08/23/93	9	48.	886.667	4650.	3.	2945571.	1716.267	3.	15.5	1571.5	4650.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/26/80-08/23/93	9	1.681	1.906	3.667	0.477	1.14	1.068	0.477	1.132	2.819	3.667
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			80.485								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	9	4.	690.556	4300.	0.	2193908.028	1481.185	0.	1.	946.5	4300.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	9	0.602	1.243	3.633	0.	1.887	1.374	0.	0.151	2.531	3.633
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			17.509								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station GATE0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/30/93	4	23.	22.75	25.	20.	6.917	2.63	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/23/93	6	7.15	6.7	9.	3.1	4.052	2.013	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/30/93	12	24.6	24.967	28.1	22.7	3.041	1.744	22.88	23.625	26.075	28.1
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/26/80-08/23/93	14	176.5	461.214	2550.	10.	536411.72	732.401	16.5	53.25	528.	2070.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/26/80-08/23/93	14	2.239	2.214	3.407	1.	0.463	0.681	1.181	1.713	2.715	3.304
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			163.675								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	14	101.5	168.286	600.	2.	32356.527	179.879	3.5	17.5	336.25	480.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	14	2.006	1.831	2.778	0.301	0.581	0.762	0.5	1.226	2.526	2.667
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			67.764								

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Annual Analysis for 1984 - Station GATE0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/26/80-08/23/93	13	500.	1444.385	6667.	84.	5019642.256	2240.456	93.2	159.	1527.5	6426.6
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/26/80-08/23/93	13	2.699	2.746	3.824	1.924	0.377	0.614	1.966	2.2	3.183	3.808
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			557.144								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	13	44.	722.692	7500.	8.	4261205.231	2064.269	10.	15.	184.	5001.6
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	13	1.643	1.823	3.875	0.903	0.743	0.862	0.987	1.172	2.183	3.564
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			66.478								

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Annual Analysis for 1985 - Station GATE0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/26/80-08/23/93	12	2142.5	3403.75	6666.	93.	8713231.114	2951.818	96.9	713.25	6666.	6666.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/26/80-08/23/93	12	3.33	3.226	3.824	1.968	0.462	0.68	1.986	2.85	3.824	3.824
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1681.517								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	13	9.	211.	1998.	0.	299064.167	546.868	0.	0.	177.	1332.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	13	0.954	1.131	3.301	0.	1.312	1.145	0.	0.	2.245	2.989
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			13.527								

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Annual Analysis for 1986 - Station GATE0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/26/80-08/23/93	13	16.	84.231	350.	5.	13044.026	114.21	5.	8.	159.5	306.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/26/80-08/23/93	13	1.204	1.496	2.544	0.699	0.441	0.664	0.699	0.9	2.154	2.479
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			31.36								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	13	23.	45.692	247.	0.	5459.231	73.887	0.	1.	53.5	209.8
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	13	1.362	1.05	2.393	0.	0.737	0.858	0.	0.151	1.718	2.311
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			11.231								

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Annual Analysis for 1987 - Station GATE0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/26/80-08/23/93	14	553.5	1011.714	4481.	30.	1737281.604	1318.06	36.	82.5	1581.25	3740.5
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/26/80-08/23/93	14	2.743	2.571	3.651	1.477	0.519	0.721	1.55	1.897	3.198	3.564
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			372.506								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	14	37.	280.857	2112.	5.	334901.824	578.707	5.	6.75	256.5	1473.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	14	1.568	1.696	3.325	0.699	0.734	0.857	0.699	0.828	2.357	3.123
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			49.626								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GATE0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/26/80-08/23/93	13	366.	487.538	2200.	34.	345287.936	587.612	42.8	59.	535.	1750.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/26/80-08/23/93	13	2.563	2.415	3.342	1.531	0.3	0.548	1.618	1.77	2.727	3.218
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			259.837								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GATE0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	14	108.5	292.714	1724.	0.	232446.989	482.128	0.	6.	386.	1257.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	14	2.035	1.732	3.237	0.	1.089	1.043	0.	0.778	2.553	3.067
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			54.005								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/30/93	20	23.4	22.265	25.2	17.2	6.027	2.455	18.33	20.025	24.175	24.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-08/30/93	20	35700.	35490.	39800.	30000.	7690421.053	2773.161	30990.	33500.	37875.	39260.
00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/23/93	10	6.8	7.41	13.2	1.6	12.357	3.515	1.89	4.8	11.1	12.99
00406	PH, FIELD, STANDARD UNITS SU	05/30/89-08/30/93	14	7.6	7.621	8.3	6.7	0.171	0.414	6.9	7.375	7.925	8.15
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/30/89-08/30/93	14	7.6	7.412	8.3	6.7	0.218	0.467	6.9	7.375	7.925	8.15
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/89-08/30/93	14	0.025	0.039	0.2	0.005	0.003	0.05	0.008	0.012	0.042	0.139
00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/30/93	20	21.4	21.31	24.2	17.6	4.022	2.005	18.44	19.45	22.975	23.9
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/26/80-08/23/93	14	735.5	1076.	3190.	154.	932372.154	965.594	164.	272.25	1696.5	2842.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/26/80-08/23/93	14	2.865	2.845	3.504	2.188	0.195	0.441	2.214	2.435	3.224	3.45
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			699.788								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	15	29.	123.333	1012.	0.	66982.524	258.81	0.	0.	145.	544.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	15	1.462	1.244	3.005	0.	1.083	1.04	0.	0.	2.161	2.621
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			17.55								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/30/93	30	23.35	21.863	26.2	13.7	13.349	3.654	16.08	18.575	25.05	25.4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-08/30/93	30	36500.	36466.667	38900.	33200.	1985747.126	1409.165	34510.	35275.	37625.	38300.
00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/23/93	25	5.7	5.848	16.4	1.5	10.472	3.236	2.2	3.3	7.45	9.84
00406	PH, FIELD, STANDARD UNITS SU	05/30/89-08/30/93	24	8.25	8.2	9.2	7.2	0.25	0.5	7.35	7.9	8.575	8.85
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/30/89-08/30/93	24	8.247	7.915	9.2	7.2	0.335	0.579	7.35	7.9	8.575	8.85
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/89-08/30/93	24	0.006	0.012	0.063	0.001	0.	0.016	0.001	0.003	0.013	0.045
00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/30/93	28	24.1	23.893	29.2	20.9	3.661	1.913	21.	22.325	24.775	25.81
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/26/80-08/23/93	13	928.	1148.769	5800.	87.	2384836.192	1544.291	87.	145.	1595.	4203.6
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/26/80-08/23/93	13	2.968	2.725	3.763	1.94	0.352	0.594	1.94	2.161	3.199	3.561
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			530.566								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	14	14.5	211.929	1632.	0.	190559.456	436.531	0.	0.	301.25	1050.5
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	14	0.731	1.166	3.213	0.	1.616	1.271	0.	0.	2.478	2.942
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			14.649								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/30/93	26	24.45	23.842	28.	17.5	5.195	2.279	20.72	22.65	25.2	25.98
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-08/30/93	26	36200.	35988.462	40100.	29800.	5897861.538	2428.551	32070.	34700.	37750.	38900.
00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/23/93	17	5.7	6.253	9.9	3.3	3.578	1.891	4.02	5.05	7.5	9.5
00406	PH, FIELD, STANDARD UNITS SU	05/30/89-08/30/93	17	8.1	8.029	8.3	7.7	0.031	0.176	7.78	7.85	8.2	8.22
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/30/89-08/30/93	17	8.1	7.995	8.3	7.7	0.032	0.18	7.78	7.85	8.2	8.22
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/89-08/30/93	17	0.008	0.01	0.02	0.005	0.	0.004	0.006	0.006	0.014	0.017

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/30/93	26	24.25	24.265	25.8	22.	0.983	0.992	22.68	23.775	25.05	25.6
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/26/80-08/23/93	26	783.	888.538	2900.	0.	562974.818	750.316	60.9	456.75	1195.	1966.2
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/26/80-08/23/93	26	2.894	2.624	3.462	0.	0.747	0.864	1.358	2.616	3.077	3.275
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			420.497								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	28	258.	1325.214	4800.	0.	2939364.026	1714.457	0.	29.	3103.	4080.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	28	2.333	2.149	3.681	0.	1.847	1.359	0.	1.462	3.492	3.61
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			140.768								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/30/93	30	22.1	21.603	25.	16.5	5.498	2.345	17.11	20.45	23.425	23.99
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-08/30/93	30	36650.	36430.	39800.	31700.	3972517.241	1993.117	33320.	35100.	37950.	38770.
00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/23/93	30	6.5	6.977	13.2	2.	7.322	2.706	3.48	5.075	8.5	11.39
00406	PH, FIELD, STANDARD UNITS SU	05/30/89-08/30/93	30	8.155	8.181	8.75	7.57	0.147	0.384	7.607	7.898	8.6	8.7
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/30/89-08/30/93	30	8.152	8.03	8.75	7.57	0.171	0.413	7.607	7.897	8.6	8.7
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/89-08/30/93	30	0.007	0.009	0.027	0.002	0.	0.008	0.002	0.003	0.013	0.025
00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/30/93	30	25.7	25.71	27.2	24.3	0.576	0.759	24.53	25.275	26.325	26.68
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/26/80-08/23/93	15	1073.	2957.2	11745.	87.	10542276.029	3246.887	121.8	493.	4901.	8473.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/26/80-08/23/93	15	3.031	3.133	4.07	1.94	0.42	0.648	2.073	2.693	3.69	3.907
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1359.335								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	15	87.	955.067	6467.	0.	3051324.21	1746.804	0.	29.	957.	4239.8
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	15	1.94	1.984	3.811	0.	1.619	1.272	0.	1.462	2.981	3.588
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			96.486								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station GATE0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/30/93	30	23.65	22.807	27.1	16.7	10.663	3.265	17.12	20.775	25.125	26.36
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-08/30/93	30	37200.	36226.667	39800.	30300.	8393057.471	2897.077	31530.	33775.	38750.	39090.
00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/23/93	22	3.5	3.886	9.5	1.	4.546	2.132	1.15	2.	5.125	6.85
00406	PH, FIELD, STANDARD UNITS SU	05/30/89-08/30/93	21	8.1	8.12	9.02	7.29	0.167	0.408	7.618	7.845	8.4	8.7
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/30/89-08/30/93	21	8.1	7.948	9.02	7.29	0.198	0.445	7.618	7.845	8.4	8.7
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/89-08/30/93	21	0.008	0.011	0.051	0.001	0.	0.011	0.002	0.004	0.014	0.024
00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/30/93	30	24.15	24.313	27.6	20.9	1.972	1.404	22.54	23.475	25.025	26.08
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/26/80-08/23/93	14	435.	1994.071	9179.	0.	7378872.995	2716.408	43.5	179.	3320.75	7460.5
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/26/80-08/23/93	14	2.63	2.689	3.963	0.	1.055	1.027	0.97	2.242	3.52	3.861
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			488.962								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	15	0.	378.4	2958.	0.	725489.257	851.757	0.	0.	261.	2262.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	15	0.	1.129	3.471	0.	1.814	1.347	0.	0.	2.417	3.341
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			13.461								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/30/93	43	24.4	24.116	26.4	21.	1.675	1.294	22.24	23.4	25.1	25.8
00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/23/93	36	5.7	5.5	13.2	2.	6.372	2.524	2.42	3.15	6.65	8.3
00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/30/93	44	24.8	24.761	28.1	20.9	2.421	1.556	22.75	23.8	25.875	26.5
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/26/80-08/23/93	56	466.5	1193.786	11745.	0.	3829544.717	1956.922	20.3	106.25	1580.25	3080.1
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/26/80-08/23/93	56	2.669	2.522	4.07	0.	0.762	0.873	1.297	2.026	3.198	3.488
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			332.428								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	61	39.	518.607	6467.	0.	1533512.609	1238.351	0.	0.	334.	1886.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	61	1.591	1.524	3.811	0.	1.49	1.221	0.	0.	2.524	3.275
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			33.397								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/30/93	97	22.5	21.726	28.	13.7	10.077	3.174	17.1	18.9	24.05	25.4
00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/23/93	74	6.05	6.265	16.4	1.	9.069	3.011	2.5	4.2	8.3	10.1
00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/30/93	102	24.2	23.891	29.2	17.6	4.209	2.052	21.	22.9	25.2	25.91
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/26/80-08/23/93	134	453.	1243.209	9179.	0.	3661907.761	1913.611	10.5	87.	1484.25	4565.5
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/26/80-08/23/93	134	2.654	2.461	3.963	0.	0.894	0.945	1.021	1.94	3.171	3.659
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			289.364								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	138	29.	463.239	7500.	0.	1196128.358	1093.677	0.	3.75	235.75	1818.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	138	1.462	1.547	3.875	0.	1.291	1.136	0.	0.571	2.372	3.259
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			35.241								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0019

NPS Station ID: GATE0019 | LAT/LON: 40.597281/ -73.810170 | Agency: 11NPSWRD | Date Created: 12/21/96
Location: Subway Trestle | FIPS State/County: 36081 NEW YORK/QUEENS
Station Type: /TYPA/AMBNT/ESTURY | STORET Station ID(s): GATE_JB-11 /LONG_BAR /SUBWAY_NC
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 02030202 | Depth of Water: 0 | Aquifer:
Major Basin: NORTHEAST | Elevation: 0 | Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METROPOLITAN AREA | ECO Region:
RF1 Index: 02030202 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 02030202104200.00 | RF3 Mile Point: 0.00 | Distance from RF3: 4.93 | On/Off RF3:
Description:
Station is located near the subway trestle that crosses Jamaica Bay to Rockaway Beach. The station can be found on the USGS 7.5' Far Rockaway N.Y. quadrangle. To reach the site: Drive boat into Beach Channel to the subway trestle by East Broad Channel and Barbados Basin. Take samples on northeastern side of the trestle by the green buoy. Any data recorded with a depth of 999 indicates that the sample was collected at the bottom. Data recorded with a depth of 0 indicates that the sample was collected at the surface. For additional information on the water quality data stored at this station; contact the Division of Natural Resources at Gateway National Recreation Area - Building 210; Fort Wadsworth; Staten Island N.Y. 10305 (tel. 718-448-5505; fax. 718-448-4015). The park produces an Annual Report summarizing each year's monitoring activities. Data processed and uploaded to STORET by Dean Tucker; NPS WRD; 1201 Oak Ridge Drive Ste. 250; Fort Collins CO 80525 (tel. 970-225-3516; fax. 970-225-9965).

Parameter Inventory for Station: GATE0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/30/93	140	22.9	22.229	27.8	13.9	8.82	2.97	17.33	20.6	24.5	25.39
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/28/92-08/30/93	30	24.2	24.053	35.	15.	16.362	4.045	19.	21.45	26.5	27.45
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/28/92-08/30/93	29	1.53	1.514	2.14	0.92	0.114	0.338	1.07	1.26	1.715	2.14
00080	COLOR (PLATINUM-COBALT UNITS)	06/07/83-08/30/83	12	25.	29.583	70.	20.	179.356	13.392	20.	25.	30.	59.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-08/30/93	136	37650.	37234.559	41500.	26000.	7512648.693	2740.921	33170.	35925.	39200.	40300.
00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/30/93	114	6.5	6.306	12.4	1.5	6.122	2.474	2.7	4.275	8.025	9.9
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/12/83-08/30/83	4	92.5	79.25	99.	33.	960.25	30.988	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/01/83-08/30/83	14	7.85	7.829	8.7	6.8	0.244	0.494	7.	7.575	8.125	8.6
00403	CONVERTED PH, LAB, STANDARD UNITS	06/01/83-08/30/83	14	7.847	7.554	8.7	6.8	0.325	0.57	7.	7.575	8.125	8.6
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/01/83-08/30/83	14	0.014	0.028	0.158	0.002	0.002	0.041	0.003	0.008	0.027	0.111
00406	PH, FIELD, STANDARD UNITS SU	05/30/89-08/30/93	108	8.1	8.101	9.06	6.9	0.161	0.401	7.6	7.893	8.4	8.7
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/30/89-08/30/93	108	8.1	7.9	9.06	6.9	0.202	0.449	7.6	7.892	8.4	8.7
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/89-08/30/93	108	0.008	0.013	0.126	0.001	0.	0.017	0.002	0.004	0.013	0.025
00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/30/93	146	25.2	24.864	28.3	16.5	4.684	2.164	21.51	24.075	26.325	27.1
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/09/83-08/23/83	2	0.169	0.169	0.261	0.077	0.017	0.13	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/26/83-08/30/83	4	0.091	0.112	0.202	0.065	0.004	0.062	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/01/83-08/30/83	12	14219.	14203.333	15465.	12463.	669454.242	818.202	12769.	13676.	14927.25	15346.2
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/23/93	186	224.	639.5	8642.	0.	1620131.732	1272.844	20.	87.	539.25	1385.9
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/23/93	186	2.35	2.248	3.937	0.	0.71	0.842	1.301	1.94	2.732	3.141

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GATE0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			176.907								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/01/83-08/30/83	14	255.	671.	2400.	22.	738864.615	859.572	27.5	147.25	975.	2400.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/01/83-08/30/83	14	2.406	2.465	3.38	1.342	0.395	0.628	1.43	2.147	2.948	3.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			291.777								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/01/83-08/30/83	14	120.	293.357	1600.	22.	197414.863	444.314	22.5	45.25	267.5	1270.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/01/83-08/30/83	14	2.078	2.121	3.204	1.342	0.313	0.56	1.352	1.651	2.421	3.089
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			131.99								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	191	39.	207.576	5713.	0.	444735.119	666.885	0.	2.	105.	267.6
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	191	1.591	1.4	3.757	0.	0.934	0.967	0.	0.301	2.021	2.427
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			25.147								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	09/08/83-08/16/93	9	7.64	8.956	18.13	2.11	36.601	6.05	2.11	2.95	14.8	18.13
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/09/83-09/08/83	3	0.025	0.018	0.029	0.	0.	0.016	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0019

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	114	26	0.23	38	11	0.29				76	15	0.20			
00403	PH, LAB	Other-Hi Lim.	8.5	14	2	0.14	5	0	0.00				9	2	0.22			
		Other-Lo Lim.	6.5	14	0	0.00	5	0	0.00				9	0	0.00			
00406	PH, FIELD	Other-Hi Lim.	8.5	108	19	0.18	29	1	0.03				79	18	0.23			
		Other-Lo Lim.	6.5	108	0	0.00	29	0	0.00				79	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	186	32	0.17	54	10	0.19				132	22	0.17			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	14	3	0.21	5	1	0.20				9	2	0.22			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	14	6	0.43	5	3	0.60				9	3	0.33			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	191	31	0.16	57	13	0.23				134	18	0.13			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1980 - Station GATE0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/23/93	10	136.	206.	466.	11.	25515.556	159.736	18.8	113.75	380.75	464.9
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/23/93	10	2.131	2.153	2.668	1.041	0.219	0.468	1.132	2.052	2.578	2.667
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			142.119								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	10	11.	45.5	200.	0.	4783.167	69.16	0.	0.	83.5	193.3
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	10	0.671	0.911	2.301	0.	0.994	0.997	0.	0.	1.901	2.283
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			8.151								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station GATE0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/23/93	11	50.	107.273	373.	3.	15371.618	123.982	4.4	20.	213.	353.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/23/93	11	1.699	1.699	2.572	0.477	0.403	0.635	0.582	1.301	2.328	2.545
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			49.958								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	11	30.	107.273	765.	0.	48964.418	221.279	0.	5.	97.	632.6
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	11	1.477	1.401	2.884	0.	0.773	0.879	0.	0.699	1.987	2.709
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			25.179								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station GATE0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/30/93	4	23.5	23.25	26.	20.	7.583	2.754	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/30/93	6	6.45	5.55	7.8	2.6	4.879	2.209	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/30/93	12	25.65	25.65	27.9	22.5	2.154	1.468	23.07	24.725	26.95	27.69
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/23/93	14	144.	512.929	3000.	20.	708534.071	841.745	20.	80.	480.	2370.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/23/93	14	2.152	2.279	3.477	1.301	0.416	0.645	1.301	1.89	2.68	3.359
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			189.89								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	14	76.5	286.643	2600.	14.	454274.401	673.999	14.5	19.75	255.	1455.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	14	1.883	1.912	3.415	1.146	0.419	0.647	1.161	1.295	2.404	2.953
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			81.644								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GATE0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/23/93	13	642.	879.077	1967.	30.	319287.744	565.056	99.6	460.5	1276.	1790.6
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/23/93	13	2.808	2.794	3.294	1.477	0.23	0.48	1.81	2.66	3.106	3.25
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			622.32								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	13	58.	117.385	337.	9.	11873.09	108.964	10.6	47.	228.5	307.8
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	13	1.763	1.859	2.528	0.954	0.236	0.485	1.018	1.672	2.358	2.485
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			72.307								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GATE0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/23/93	13	1050.	2336.308	6666.	335.	6171044.231	2484.159	343.	522.	4583.	6559.6
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/23/93	13	3.021	3.131	3.824	2.525	0.23	0.479	2.535	2.704	3.624	3.817
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1350.869								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	14	45.5	461.857	3700.	4.	1018129.055	1009.024	5.5	21.25	439.25	2416.5
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	14	1.646	1.84	3.568	0.602	0.751	0.866	0.724	1.322	2.52	3.311
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			69.254								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GATE0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/23/93	13	65.	86.154	235.	4.	6310.641	79.44	5.2	20.	137.5	231.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/23/93	13	1.813	1.676	2.371	0.602	0.343	0.585	0.699	1.182	2.124	2.364
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			47.389								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	13	42.	50.308	205.	0.	3061.231	55.328	0.	10.5	64.	160.2
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	13	1.623	1.353	2.312	0.	0.526	0.725	0.	0.952	1.806	2.174
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			22.52								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GATE0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/23/93	14	263.5	362.5	1346.	21.	154958.731	393.648	32.5	76.75	438.25	1193.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/23/93	14	2.42	2.317	3.129	1.322	0.261	0.511	1.483	1.885	2.625	3.073
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			207.704								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	14	39.5	107.357	764.	2.	38000.093	194.936	3.5	16.25	108.25	457.5
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	14	1.597	1.621	2.883	0.301	0.419	0.648	0.5	1.209	2.027	2.531
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			41.77								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GATE0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/23/93	14	311.	400.714	1077.	33.	112413.451	335.281	39.	145.75	580.25	1021.5
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/23/93	14	2.474	2.412	3.032	1.519	0.228	0.478	1.586	2.133	2.758	3.009
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			258.168								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	14	44.5	107.786	699.	0.	34399.412	185.471	0.	9.75	101.5	482.5
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	14	1.645	1.5	2.844	0.	0.683	0.826	0.	0.976	1.978	2.635
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			31.634								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/30/93	20	23.05	21.93	24.8	17.6	6.255	2.501	17.75	19.65	23.9	24.68
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-08/30/93	20	36300.	37040.	40900.	33000.	6624631.579	2573.836	34020.	34650.	39900.	40580.
00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/30/93	10	8.1	7.33	11.6	2.8	9.331	3.055	2.84	3.95	9.975	11.49

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00406	PH, FIELD, STANDARD UNITS SU	05/30/89-08/30/93	14	7.75	7.664	8.1	6.9	0.169	0.411	6.95	7.375	8.025	8.1
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/30/89-08/30/93	14	7.725	7.471	8.1	6.9	0.209	0.457	6.95	7.375	8.025	8.1
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/89-08/30/93	14	0.019	0.034	0.126	0.008	0.001	0.036	0.008	0.009	0.042	0.113
00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/30/93	20	22.6	22.215	25.2	18.5	4.539	2.131	18.88	19.95	24.05	25.06
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/23/93	14	773.5	1234.786	6800.	121.	2826180.643	1681.125	176.5	393.75	1402.5	4271.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/23/93	14	2.871	2.871	3.833	2.083	0.189	0.435	2.224	2.589	3.145	3.537
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			742.442								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	15	67.	86.4	209.	0.	6138.829	78.351	0.	11.	145.	205.4
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	15	1.826	1.517	2.32	0.	0.749	0.866	0.	1.041	2.161	2.313
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			32.861								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/30/93	30	22.55	21.64	25.9	13.9	12.732	3.568	16.07	18.05	24.7	25.3
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-08/30/93	30	38150.	37840.	40100.	35100.	1872827.586	1368.513	36010.	36500.	39000.	39550.
00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/30/93	25	6.8	6.312	10.4	2.5	5.07	2.252	2.74	4.45	8.	8.72
00406	PH, FIELD, STANDARD UNITS SU	05/30/89-08/30/93	26	8.05	8.119	9.	7.3	0.209	0.457	7.4	7.8	8.525	8.73
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/30/89-08/30/93	26	8.047	7.905	9.	7.3	0.256	0.506	7.4	7.8	8.525	8.73
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/89-08/30/93	26	0.009	0.012	0.05	0.001	0.	0.013	0.002	0.003	0.016	0.04
00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/30/93	28	25.	24.596	27.3	20.8	2.802	1.674	21.16	24.175	25.575	26.11
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/23/93	15	145.	276.6	1769.	0.	194825.4	441.39	0.	29.	335.	989.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/23/93	15	2.161	1.84	3.248	0.	1.076	1.037	0.	1.462	2.525	2.902
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			69.162								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	15	29.	47.467	268.	0.	4899.124	69.994	0.	0.	58.	176.8
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	15	1.462	1.066	2.428	0.	0.87	0.933	0.	0.	1.763	2.21
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			11.652								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/30/93	26	23.95	23.742	27.8	17.2	5.76	2.4	20.5	22.525	25.25	26.07
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-08/30/93	26	36700.	36661.538	40700.	31300.	7278461.538	2697.862	32760.	34725.	39100.	40190.
00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/30/93	18	6.75	7.056	10.5	4.3	3.008	1.735	5.02	5.875	7.525	10.32
00406	PH, FIELD, STANDARD UNITS SU	05/30/89-08/30/93	17	8.1	8.141	8.5	7.9	0.039	0.197	7.9	8.	8.3	8.5
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/30/89-08/30/93	17	8.1	8.103	8.5	7.9	0.04	0.201	7.9	8.	8.3	8.5
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/89-08/30/93	17	0.008	0.008	0.013	0.003	0.	0.003	0.003	0.005	0.01	0.013
00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/30/93	26	24.9	24.8	26.8	20.9	1.896	1.377	22.54	24.35	25.625	26.73
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/23/93	26	200.	229.308	754.	0.	45839.422	214.101	0.	65.25	355.25	551.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/23/93	26	2.301	1.834	2.877	0.	1.115	1.056	0.	1.455	2.55	2.73
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			68.28								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	28	14.5	294.857	3200.	0.	691407.386	831.509	0.	0.	116.	789.8
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	28	0.731	1.108	3.505	0.	1.482	1.217	0.	0.	2.064	2.796
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			12.834								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/30/93	30	21.55	21.373	25.1	16.3	5.641	2.375	16.94	20.275	23.425	23.9
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-08/30/93	30	37600.	37743.333	41500.	33800.	4628747.126	2151.452	34210.	36450.	39500.	40580.
00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/30/93	30	6.8	7.3	12.4	2.9	4.03	2.008	5.03	6.175	8.775	9.95
00406	PH, FIELD, STANDARD UNITS SU	05/30/89-08/30/93	30	8.2	8.242	8.8	7.77	0.101	0.318	7.8	8.005	8.48	8.7
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/30/89-08/30/93	30	8.196	8.14	8.8	7.77	0.112	0.334	7.8	8.005	8.48	8.7
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/89-08/30/93	30	0.006	0.007	0.017	0.002	0.	0.005	0.002	0.003	0.01	0.016
00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/30/93	30	26.9	26.857	28.3	24.8	0.701	0.837	25.64	26.375	27.475	27.99
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/23/93	15	145.	1239.267	8642.	0.	6037955.495	2457.225	17.4	58.	754.	6467.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/23/93	15	2.161	2.279	3.937	0.	0.985	0.992	0.877	1.763	2.877	3.795
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			190.022								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	15	29.	620.6	5713.	0.	2417130.114	1554.712	0.	0.	232.	3833.8
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	15	1.462	1.46	3.757	0.	1.61	1.269	0.	0.	2.365	3.55
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			28.86								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station GATE0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/30/93	30	22.95	22.423	26.6	15.8	10.638	3.262	16.42	20.975	25.125	26.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-08/30/93	30	38050.	36746.667	41100.	26000.	16642574.713	4079.531	30010.	32700.	39900.	40930.
00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/30/93	25	4.	4.34	10.5	1.5	5.973	2.444	2.	2.5	4.75	8.8
00406	PH, FIELD, STANDARD UNITS SU	05/30/89-08/30/93	21	8.14	8.134	9.06	7.61	0.147	0.384	7.692	7.78	8.37	8.686
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/30/89-08/30/93	21	8.14	7.999	9.06	7.61	0.166	0.408	7.692	7.78	8.37	8.686
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/89-08/30/93	21	0.007	0.01	0.025	0.001	0.	0.007	0.002	0.004	0.017	0.02
00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/30/93	30	25.35	24.63	27.1	16.5	5.35	2.313	21.12	23.975	26.	26.88
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/23/93	14	216.	638.143	4379.	0.	1353429.363	1163.37	14.5	72.5	600.	2929.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/23/93	14	2.333	2.235	3.641	0.	0.781	0.884	0.731	1.82	2.721	3.406
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			171.921								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	15	0.	184.533	2465.	0.	398906.267	631.59	0.	0.	58.	1046.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	15	0.	0.887	3.392	0.	1.167	1.08	0.	0.	1.763	2.557
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			7.71								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/30/93	41	23.9	23.917	26.	20.8	2.027	1.424	21.76	22.9	25.1	25.84
00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/30/93	38	6.2	5.866	11.6	2.	6.317	2.513	2.5	3.75	7.3	10.03
00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/30/93	44	25.55	25.502	28.	20.9	2.711	1.647	22.95	24.825	26.775	27.6
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/23/93	54	355.5	789.963	8642.	0.	2365983.81	1538.175	39.5	112.75	610.25	2244.5
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/23/93	54	2.551	2.387	3.937	0.	0.656	0.81	1.581	2.052	2.785	3.348
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			244.058								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	57	58.	314.772	5713.	0.	894207.036	945.625	0.	2.5	131.5	534.2
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	57	1.763	1.511	3.757	0.	1.083	1.041	0.	0.349	2.119	2.723
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			32.423								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/30/93	99	22.3	21.529	27.8	13.9	9.995	3.162	16.7	19.3	23.8	25.3
00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/30/93	76	6.8	6.526	12.4	1.5	5.959	2.441	2.87	4.55	8.175	9.86
00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/30/93	102	25.15	24.589	28.3	16.5	5.316	2.306	20.89	23.725	26.225	26.97
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/23/93	132	203.5	577.947	6666.	0.	1317592.356	1147.864	13.7	67.	534.75	1306.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/23/93	132	2.309	2.191	3.824	0.	0.725	0.852	1.119	1.826	2.728	3.116
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			155.087								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	134	30.	161.978	3200.	0.	251808.112	501.805	0.	1.5	88.5	227.5
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	134	1.477	1.354	3.505	0.	0.872	0.934	0.	0.226	1.947	2.357
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			22.571								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0020

NPS Station ID: GATE0020 | LAT/LON: 40.595837/ -73.811115 | Agency: 21350000 | Date Created: / /
Location: JAMAICA BAY | FIPS State/County: 36000 NEW YORK/
Station Type: /TYPA/AMBNT/OCEAN | STORET Station ID(s): 403545007348400/J5
RMI-Indexes: 0133000 | Within Park Boundary: No
RMI-Miles: 0000.00
HUC: 02030202 | Depth of Water: 15 | Aquifer:
Major Basin: NORTHEAST | Elevation: 0 | Water Body Id:
Minor Basin: LOWER HUDSON-N.Y. METROPOLITAN AREA | ECO Region:
RF1 Index: 02030202027 | RF1 Mile Point: 20.880 | Distance from RF1: 0.00 | On/Off RF1: ON
RF3 Index: 02030202002709.04 | RF3 Mile Point: 16.30 | Distance from RF3: 0.31 | On/Off RF3:
Description:
STATION IS LOCATED IN JAMAICA BAY AT THE CENTER PIER OF THE BRIDGE OVER BEACH CHANNEL, HAMMELS.
DATA COLLECTED BY CITY OF NEW YORK DEPARTMENT OF PUBLIC WORKS.

Parameter Inventory for Station: GATE0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/07/73-01/08/74	4	5.5	5.5	8.8	2.2	14.52	3.811	**	**	**	**
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	564	74.	73.463	85.	61.	15.386	3.922	68.	71.	76.	78.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/07/73-11/07/73	2	9.1	9.1	9.1	9.1	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/07/73-01/08/74	4	5.75	8.125	18.	3.	47.063	6.86	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/07/73-01/08/74	4	24990.	24975.	28100.	21820.	13021433.333	3608.522	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/07/73-01/08/74	4	38462.5	38437.25	40087.	36737.	3630600.25	1905.413	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	570	5.5	5.487	11.	0.4	2.118	1.455	3.7	4.5	6.3	7.4
00310p	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	298	1.8	2.127	8.	0.	1.42	1.192	1.	1.3	2.7	3.6
00403	PH, LAB, STANDARD UNITS SU	11/07/73-01/08/74	4	7.15	7.1	8.1	6.	1.34	1.158	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	11/07/73-01/08/74	4	6.496	6.385	8.1	6.	2.021	1.422	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/07/73-01/08/74	4	0.319	0.412	1.	0.008	0.24	0.49	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/07/73-01/08/74	4	14570.	14592.5	14830.	14400.	50758.333	225.296	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/07/73-01/08/74	4	5100.	5075.	6200.	3900.	1049166.667	1024.288	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/07/73-01/08/74	4	3.705	3.699	3.792	3.591	0.008	0.09	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4995.748								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/11/53-09/15/66	273	400.	2640.355	110000.	15.	94403199.436	9716.131	91.	200.	2250.	5094.4
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/11/53-09/15/66	273	2.602	2.782	5.041	1.176	0.524	0.724	1.959	2.301	3.352	3.706
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			605.235								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/07/73-01/08/74	4	440.	500.	720.	400.	22133.333	148.773	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/07/73-01/08/74	4	2.643	2.686	2.857	2.602	0.014	0.117	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			485.68								
70305	SALINITY BASED ON CONDUCTIVITY	11/07/73-01/08/74	4	24.4	24.4	25.5	23.3	1.473	1.214	**	**	**	**
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	566	85.	84.562	99.	72.	22.055	4.696	78.	81.	88.	90.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

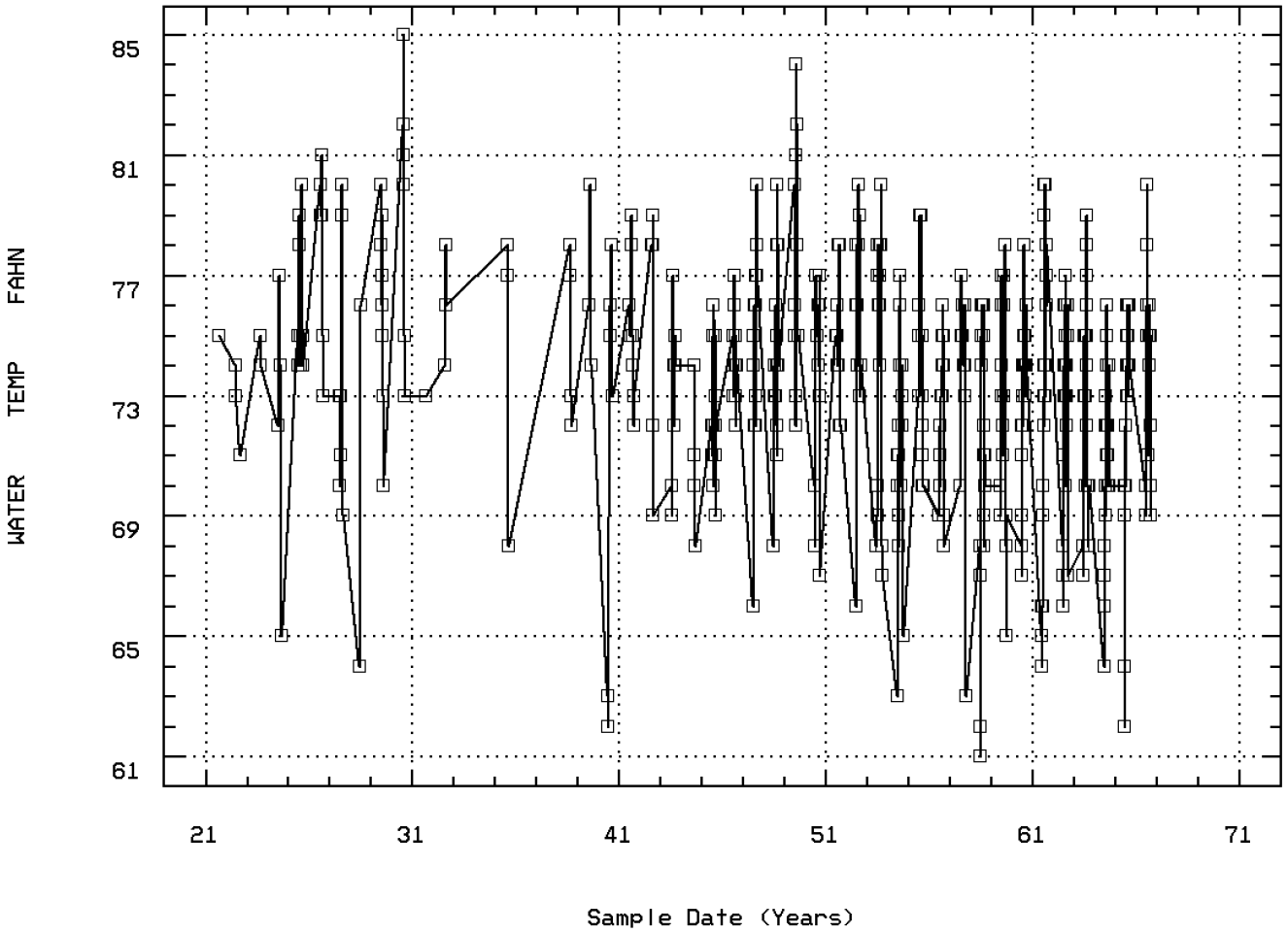
EPA Water Quality Criteria Analysis for Station: GATE0020

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	4	0	0.00				4	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	570	89	0.16	300	61	0.20	4	0	0.00	266	28	0.11			
00403	PH, LAB	Other-Hi Lim.	9.	4	0	0.00				4	0	0.00						
		Other-Lo Lim.	6.5	4	2	0.50				4	2	0.50						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	4	4	1.00				4	4	1.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	273	84	0.31	139	47	0.34				134	37	0.28			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	4	4	1.00				4	4	1.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station: GATE0020 Parameter Code: 00011

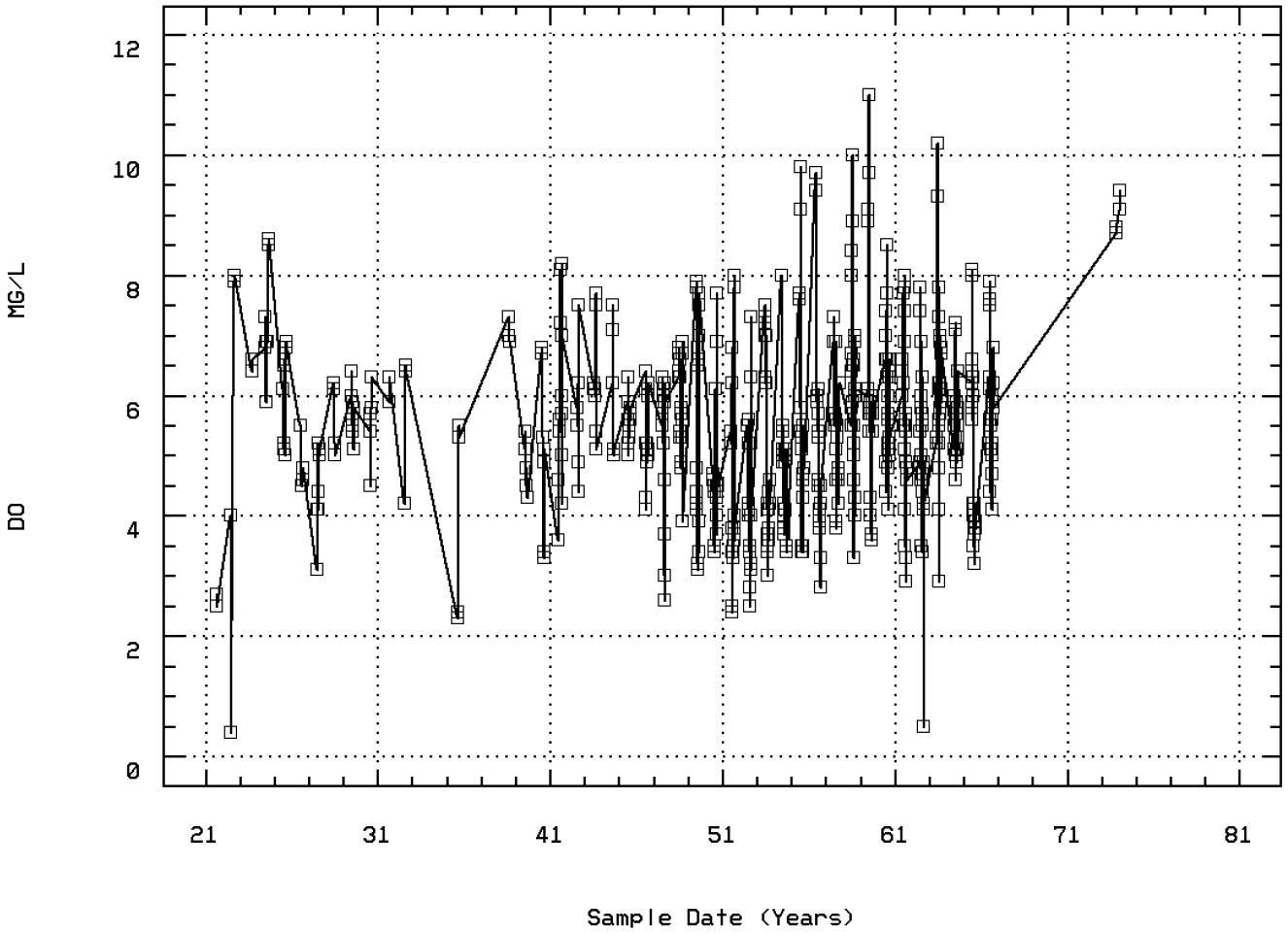
TEMPERATURE, WATER (DEGREES FAHRENHEIT)



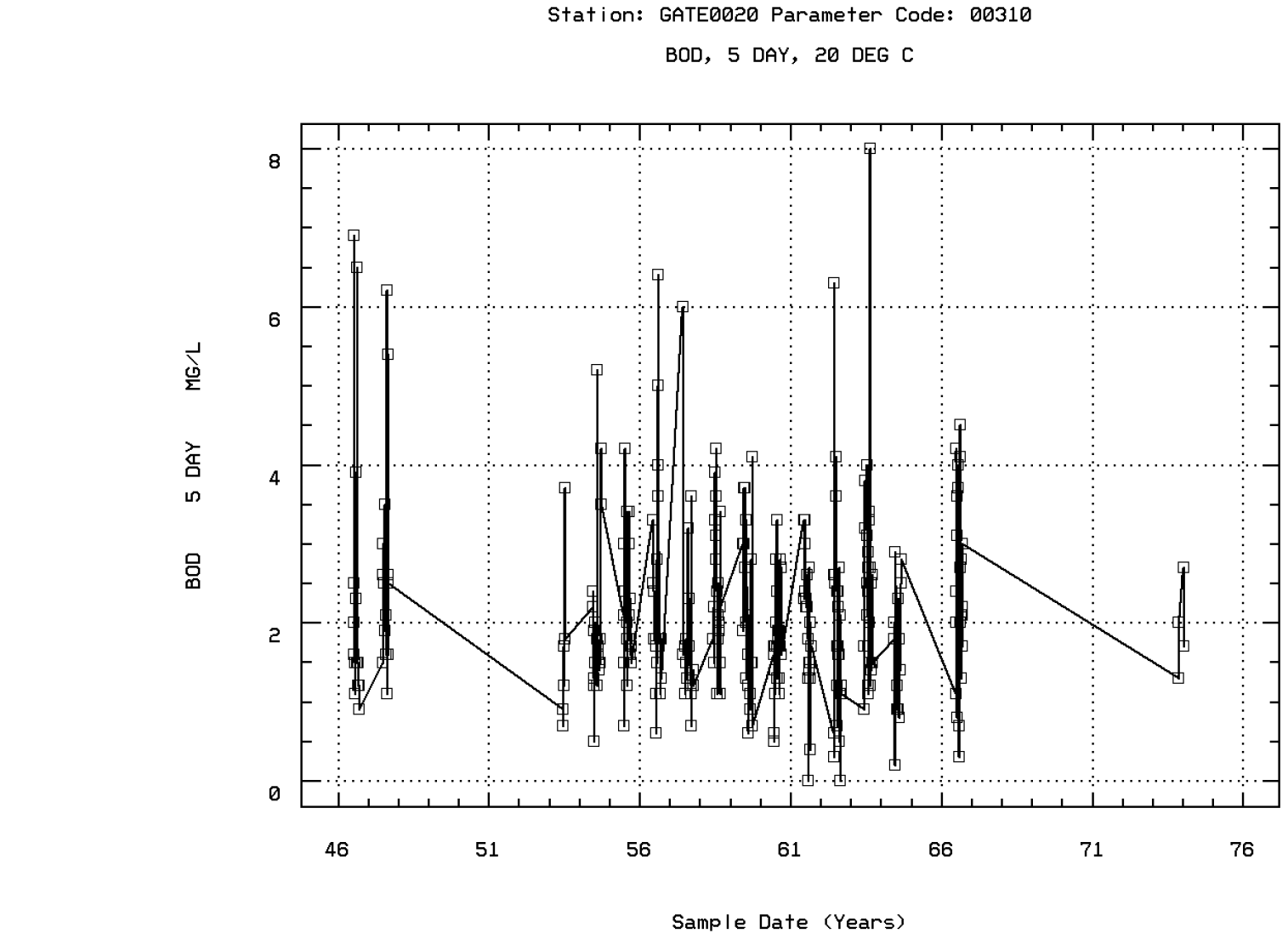
JAMAICA BAY

Station: GATE0020 Parameter Code: 00300

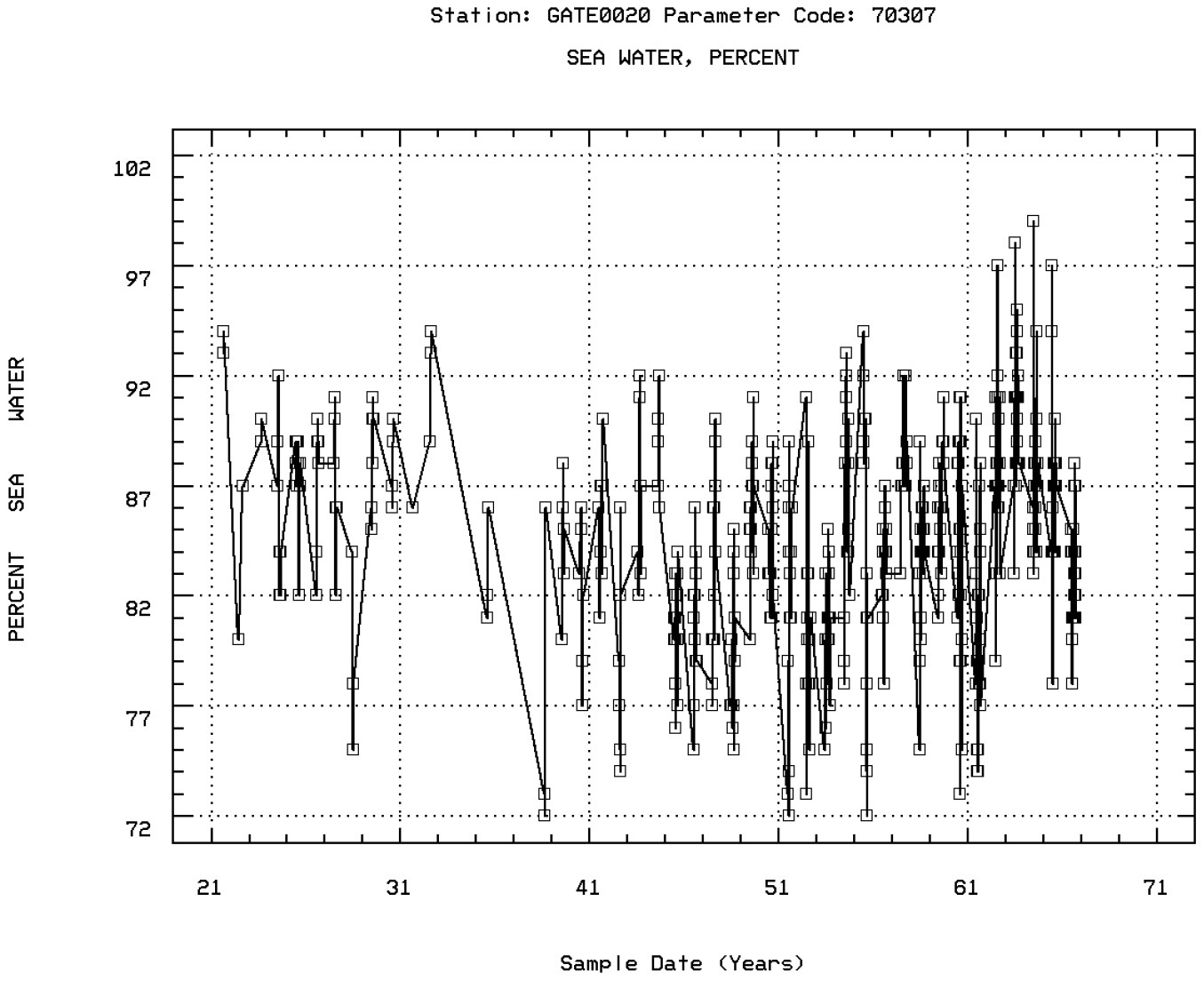
OXYGEN, DISSOLVED



JAMAICA BAY


Station: GATE0020 Parameter Code: 00310
BOD, 5 DAY, 20 DEG C
BOD 5 DAY MG/L
0
2
4
6
8
46
51
56
61
66
71
76
Sample Date (Years)

JAMAICA BAY


Station: GATE0020 Parameter Code: 70307
SEA WATER, PERCENT
PERCENT SEA WATER
102
97
92
87
82
77
72
21
31
41
51
61
71
Sample Date (Years)

JAMAICA BAY

Annual Analysis for 1921 - Station GATE0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	2	75.	75.	75.	75.	0.	0.	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	2	2.6	2.6	2.7	2.5	0.02	0.141	**	**	**	**
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	2	93.5	93.5	94.	93.	0.5	0.707	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1922 - Station GATE0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	4	72.	72.25	74.	71.	2.25	1.5	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	4	5.95	5.075	8.	0.4	13.183	3.631	**	**	**	**
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	4	83.5	83.5	87.	80.	16.333	4.041	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1923 - Station GATE0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	2	74.5	74.5	75.	74.	0.5	0.707	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	2	6.5	6.5	6.6	6.4	0.02	0.141	**	**	**	**
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	2	89.5	89.5	90.	89.	0.5	0.707	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1924 - Station GATE0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	8	73.	72.	77.	65.	22.286	4.721	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	8	6.9	7.225	8.6	5.9	0.825	0.908	**	**	**	**
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	8	85.5	86.5	92.	82.	17.143	4.14	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1925 - Station GATE0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	10	75.	76.4	80.	74.	6.489	2.547	74.	74.	79.25	80.
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	10	6.1	5.93	6.9	5.	0.609	0.78	5.	5.075	6.65	6.89
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	10	88.	86.9	89.	82.	7.211	2.685	82.	85.75	89.	89.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1926 - Station GATE0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	6	79.	77.833	81.	73.	9.767	3.125	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	6	4.7	4.9	5.5	4.5	0.228	0.477	**	**	**	**
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	6	88.5	87.	90.	82.	10.4	3.225	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1927 - Station GATE0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	8	72.	73.	80.	69.	18.571	4.309	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	8	4.7	4.525	5.2	3.1	0.554	0.744	**	**	**	**
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	8	87.	87.125	91.	82.	7.839	2.8	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1928 - Station GATE0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	4	70.	70.	76.	64.	48.	6.928	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	4	5.65	5.625	6.2	5.	0.376	0.613	**	**	**	**
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	4	81.	80.25	84.	75.	20.25	4.5	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1929 - Station GATE0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	8	76.5	76.	80.	70.	10.857	3.295	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	8	5.7	5.713	6.4	5.1	0.161	0.402	**	**	**	**
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	8	90.	88.75	91.	85.	4.786	2.188	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1930 - Station GATE0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	6	80.5	79.333	85.	73.	20.267	4.502	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	6	5.55	5.367	6.3	4.5	0.535	0.731	**	**	**	**
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	6	87.	87.667	90.	86.	2.267	1.506	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1931 - Station GATE0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	2	73.	73.	73.	73.	0.	0.	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	2	6.1	6.1	6.3	5.9	0.08	0.283	**	**	**	**
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	2	86.	86.	86.	86.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1932 - Station GATE0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	4	75.	75.5	78.	74.	3.667	1.915	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	4	5.3	5.325	6.5	4.2	1.689	1.3	**	**	**	**
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	4	91.	91.25	94.	89.	6.917	2.63	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1935 - Station GATE0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	4	72.5	72.75	78.	68.	30.25	5.5	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	4	3.85	3.875	5.5	2.3	3.109	1.763	**	**	**	**
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	4	84.	83.75	86.	81.	6.917	2.63	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1938 - Station GATE0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	4	75.	75.	78.	72.	8.667	2.944	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	4	6.95	7.025	7.3	6.9	0.036	0.189	**	**	**	**
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	4	79.5	79.25	86.	72.	60.917	7.805	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1939 - Station GATE0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	6	76.	76.667	80.	74.	7.467	2.733	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	6	4.65	4.733	5.4	4.3	0.203	0.45	**	**	**	**
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	6	84.	83.667	88.	80.	10.667	3.266	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1940 - Station GATE0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	8	74.	72.25	78.	62.	39.929	6.319	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	8	5.2	5.1	6.8	3.3	1.671	1.293	**	**	**	**
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	8	82.5	82.125	86.	77.	8.696	2.949	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1941 - Station GATE0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	12	75.	75.25	79.	72.	3.659	1.913	72.3	74.25	76.	78.7
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	12	5.65	5.883	8.2	3.6	2.191	1.48	3.78	4.7	7.15	8.17
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	12	86.5	85.75	90.	81.	8.932	2.989	81.	83.25	87.	90.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1942 - Station GATE0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	6	78.	75.667	79.	69.	17.067	4.131	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	6	5.65	5.717	7.5	4.4	1.174	1.083	**	**	**	**
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	6	78.	78.833	86.	74.	20.567	4.535	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1943 - Station GATE0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	8	74.	73.5	77.	69.	8.857	2.976	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	8	6.1	6.263	7.7	5.1	0.831	0.912	**	**	**	**
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	8	84.	85.625	92.	82.	15.696	3.962	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1944 - Station GATE0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	6	70.5	70.833	74.	68.	7.367	2.714	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	6	6.2	6.183	7.5	5.	1.03	1.015	**	**	**	**
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	6	88.	88.5	92.	86.	5.1	2.258	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1945 - Station GATE0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	14	72.5	73.	76.	69.	5.385	2.32	69.5	71.	75.	76.
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	14	5.7	5.679	6.3	5.	0.134	0.366	5.1	5.45	5.825	6.3
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	14	80.5	80.286	84.	76.	6.22	2.494	76.5	77.75	82.25	83.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1946 - Station GATE0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	14	74.5	74.571	77.	72.	1.956	1.399	72.5	73.75	76.	76.5
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	14	5.15	5.279	6.4	4.1	0.46	0.678	4.2	4.975	6.025	6.3
00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	14	1.55	2.471	6.9	0.9	3.793	1.948	1.	1.2	2.85	6.7
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	14	81.5	80.929	86.	75.	8.841	2.973	76.	79.	83.25	85.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1947 - Station GATE0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	16	75.5	74.25	80.	66.	15.933	3.992	66.	72.	77.	78.6
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	16	5.6	5.225	6.3	2.6	1.357	1.165	2.88	4.75	6.075	6.3
00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	16	2.5	2.631	6.2	1.1	1.946	1.395	1.38	1.6	2.9	5.64
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	16	83.	83.063	90.	77.	17.396	4.171	77.7	80.	86.	89.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1948 - Station GATE0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	18	74.	74.056	80.	68.	10.408	3.226	68.	72.75	76.5	78.2
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	18	5.75	5.739	6.9	3.9	0.883	0.939	3.9	5.2	6.625	6.81

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1948 - Station GATE0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	18	79.	79.222	85.	75.	9.477	3.078	75.9	77.	81.5	84.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1949 - Station GATE0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	16	77.	77.563	84.	72.	12.796	3.577	72.7	75.	80.75	82.6
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	16	5.65	5.613	7.9	3.1	3.491	1.868	3.17	3.95	7.65	7.83
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	16	86.	85.625	91.	80.	8.917	2.986	80.	84.	87.75	89.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1950 - Station GATE0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	18	74.	73.5	77.	67.	11.088	3.33	67.	72.25	76.	77.
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	18	4.5	4.783	7.7	3.4	1.349	1.161	3.49	4.225	5.05	6.98
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	18	85.	84.833	89.	81.	6.971	2.64	81.	82.75	87.25	88.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1951 - Station GATE0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	18	75.	74.944	78.	72.	4.644	2.155	72.	73.5	76.5	78.
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	18	3.75	4.45	8.	2.4	2.939	1.714	2.49	3.375	5.6	7.82
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	18	83.	81.889	89.	72.	23.163	4.813	72.9	80.5	86.	87.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1952 - Station GATE0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	18	75.	75.222	80.	66.	17.712	4.209	66.	73.75	79.	80.
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	18	4.	4.344	7.3	2.5	1.667	1.291	2.77	3.35	5.5	6.4
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	18	80.	80.444	91.	73.	19.203	4.382	74.8	78.	83.	89.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1953 - Station GATE0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	20	76.	74.5	80.	67.	19.737	4.443	68.	69.25	78.	79.8
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	20	4.3	5.065	7.5	3.	2.431	1.559	3.41	3.725	6.825	7.29
00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	8	1.1	1.5	3.7	0.7	0.937	0.968	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/11/53-09/15/66	2	40.	40.	40.	40.	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/11/53-09/15/66	2	1.602	1.602	1.602	1.602	0.	0.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			40.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1953 - Station GATE0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	20	81.	80.15	85.	75.	8.239	2.87	75.1	78.	82.5	83.9

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1954 - Station GATE0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	20	71.	70.45	77.	63.	16.05	4.006	63.2	68.25	73.75	75.8
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	20	4.9	4.925	8.	3.4	1.514	1.23	3.52	4.025	5.1	7.75
00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	20	1.65	1.98	5.2	0.5	1.244	1.115	1.2	1.325	2.15	4.13
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/11/53-09/15/66	20	900.	1266.05	9300.	15.	4217162.05	2053.573	22.6	162.5	1500.	2400.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/11/53-09/15/66	20	2.954	2.669	3.968	1.176	0.524	0.724	1.254	2.207	3.176	3.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			466.798								
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	20	86.5	85.75	93.	78.	19.039	4.363	79.2	82.	88.75	91.9

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1955 - Station GATE0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	18	75.	74.444	79.	70.	10.144	3.185	70.	71.75	76.75	79.
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	18	4.95	5.461	9.8	3.4	3.627	1.905	3.4	4.1	6.25	9.17
00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	18	2.05	2.206	4.2	0.7	0.79	0.889	1.15	1.575	3.	3.48
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/11/53-09/15/66	18	200.	396.944	2400.	36.	313603.938	560.004	36.	91.	400.	1050.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/11/53-09/15/66	18	2.301	2.344	3.38	1.556	0.219	0.468	1.556	1.959	2.602	2.997
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			220.795								
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	18	88.	84.722	94.	72.	45.271	6.728	73.8	80.25	90.	92.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1956 - Station GATE0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	18	72.	71.944	76.	68.	5.585	2.363	68.9	69.75	74.	75.1
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	18	4.55	5.172	9.7	2.8	3.434	1.853	3.25	3.9	5.925	9.43
00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	18	1.8	2.472	6.4	0.6	2.248	1.499	1.05	1.45	3.375	5.14
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/11/53-09/15/66	18	400.	805.056	4600.	36.	1965713.35	1402.039	69.3	172.75	525.	4600.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/11/53-09/15/66	18	2.602	2.522	3.663	1.556	0.306	0.554	1.833	2.216	2.69	3.663
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			332.327								
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	18	84.	83.111	87.	78.	5.634	2.374	78.	82.	84.25	86.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1957 - Station GATE0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	16	74.5	72.938	77.	63.	18.996	4.358	63.	70.75	76.	76.3
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	18	5.4	5.378	7.3	3.8	1.059	1.029	3.89	4.6	6.2	6.94
00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	17	1.5	1.924	6.	0.7	1.659	1.288	1.02	1.2	2.05	4.08
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/11/53-09/15/66	18	400.	2345.778	11036.	15.	15369882.889	3920.444	28.5	36.	2959.	11030.6
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/11/53-09/15/66	18	2.602	2.586	4.043	1.176	0.906	0.952	1.447	1.556	3.452	4.043

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1957 - Station GATE0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			385.339								
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	18	87.5	88.	92.	83.	7.176	2.679	83.	87.	89.75	92.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1958 - Station GATE0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	24	73.	71.875	76.	61.	19.679	4.436	64.5	69.25	76.	76.
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	24	6.05	6.1	10.	3.3	2.734	1.653	3.65	5.05	6.85	8.65
00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	24	2.1	2.233	4.2	1.	0.901	0.949	1.05	1.5	3.025	3.75
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/11/53-09/15/66	24	400.	1085.625	11000.	91.	5450236.766	2334.574	91.	125.	875.	3500.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/11/53-09/15/66	24	2.602	2.583	4.041	1.959	0.319	0.565	1.959	2.075	2.941	3.521
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			382.558								
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	24	84.	83.625	89.	75.	9.288	3.048	79.5	81.5	85.75	87.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1959 - Station GATE0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	22	71.5	71.955	78.	65.	14.426	3.798	68.	69.	76.	77.7
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	22	5.75	6.136	11.	3.6	3.607	1.899	3.79	5.4	6.025	9.52
00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	22	1.75	2.068	4.1	0.6	1.101	1.049	0.76	1.275	3.	3.7
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/11/53-09/15/66	22	900.	3510.455	11000.	15.	22890859.307	4784.439	70.5	200.	11000.	11000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/11/53-09/15/66	22	2.954	2.919	4.041	1.176	0.786	0.886	1.514	2.301	4.041	4.041
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			830.103								
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	22	87.	86.682	91.	81.	7.084	2.662	82.3	84.75	88.25	90.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1960 - Station GATE0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	26	74.	73.385	78.	67.	6.806	2.609	68.7	72.	75.	76.6
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	26	5.7	5.885	8.5	4.1	1.273	1.128	4.4	4.975	6.6	7.49
00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	26	1.7	1.773	3.3	0.5	0.48	0.693	0.88	1.3	2.1	2.8
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/11/53-09/15/66	26	800.	1633.885	11000.	36.	5645206.586	2375.964	36.	350.	2400.	4600.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/11/53-09/15/66	26	2.903	2.82	4.041	1.556	0.449	0.67	1.556	2.527	3.38	3.663
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			660.591								
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	26	85.	84.385	91.	73.	21.766	4.665	77.8	81.75	88.	89.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1961 - Station GATE0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	26	74.	73.038	80.	64.	27.798	5.272	64.7	68.25	78.	80.
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	26	5.55	5.612	8.	2.9	1.778	1.333	3.44	4.875	6.45	7.73
00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	23	2.	1.948	3.3	0.	0.667	0.817	0.76	1.4	2.4	3.18
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/11/53-09/15/66	26	2400.	3934.269	11000.	91.	17578717.885	4192.698	200.	725.	6200.	11000.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1961 - Station GATE0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/11/53-09/15/66	26	3.38	3.269	4.041	1.959	0.38	0.617	2.301	2.852	3.757	4.041
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1859.191								
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	26	79.	80.231	90.	74.	20.665	4.546	74.	77.75	83.25	87.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1962 - Station GATE0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	26	73.	72.192	77.	66.	11.842	3.441	66.7	69.5	75.	76.
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	26	4.9	4.965	7.8	0.5	2.069	1.438	3.4	4.35	5.725	7.05
00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	25	1.7	1.912	6.3	0.	1.845	1.358	0.42	1.05	2.55	3.8
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/11/53-09/15/66	26	900.	1932.154	11000.	36.	6100704.615	2469.96	100.	350.	2950.	4600.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/11/53-09/15/66	26	2.954	2.938	4.041	1.556	0.385	0.62	2.	2.527	3.451	3.663
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			867.798								
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	26	88.	87.692	97.	79.	13.182	3.631	83.	86.	90.	91.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1963 - Station GATE0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	26	73.	72.846	79.	67.	12.775	3.574	68.	70.	75.25	78.
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	26	6.1	6.254	10.2	2.9	2.145	1.465	4.59	5.45	6.925	8.25
00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	26	2.45	2.496	8.	0.9	2.022	1.422	1.17	1.5	3.125	3.86
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/11/53-09/15/66	25	800.	1296.	7100.	100.	2672900.	1634.901	100.	200.	2250.	3280.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/11/53-09/15/66	25	2.903	2.819	3.851	2.	0.284	0.533	2.	2.301	3.351	3.493
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			658.728								
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	26	89.5	90.077	98.	83.	10.154	3.187	87.	88.	92.25	94.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1964 - Station GATE0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	24	71.	70.667	76.	64.	10.667	3.266	65.	68.25	72.75	75.
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	24	5.6	5.633	7.2	4.6	0.451	0.672	4.75	5.1	5.9	6.75
00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	13	1.8	1.654	2.9	0.2	0.701	0.837	0.44	0.9	2.4	2.86
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/11/53-09/15/66	24	1200.	11525.	110000.	100.	931655869.565	30523.038	400.	400.	4050.	60500.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/11/53-09/15/66	24	3.065	3.238	5.041	2.	0.584	0.764	2.602	2.602	3.592	4.541
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1731.641								
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	24	87.	87.667	99.	83.	13.971	3.738	84.	85.	88.75	94.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1965 - Station GATE0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	24	73.5	72.5	76.	62.	12.783	3.575	66.5	70.5	75.	76.
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	24	4.2	4.992	8.1	3.2	2.02	1.421	3.6	3.925	6.15	7.3
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	24	87.	86.875	97.	78.	12.984	3.603	84.	84.	88.	92.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1966 - Station GATE0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	24	74.	73.583	80.	69.	8.601	2.933	69.5	71.	76.	77.
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	24	5.7	5.925	7.9	4.1	1.107	1.052	4.55	5.125	6.675	7.75
00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	24	2.15	2.363	4.5	0.3	1.489	1.22	0.75	1.3	3.475	4.15
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/11/53-09/15/66	24	300.	1010.958	9200.	20.	4393479.433	2096.063	32.5	125.	650.	3800.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/11/53-09/15/66	24	2.477	2.485	3.964	1.301	0.432	0.657	1.477	2.075	2.809	3.537
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			305.422								
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	24	84.	83.333	88.	78.	5.623	2.371	80.5	81.25	85.	87.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1973 - Station GATE0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	2	8.75	8.75	8.8	8.7	0.005	0.071	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	2	1.65	1.65	2.	1.3	0.245	0.495	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

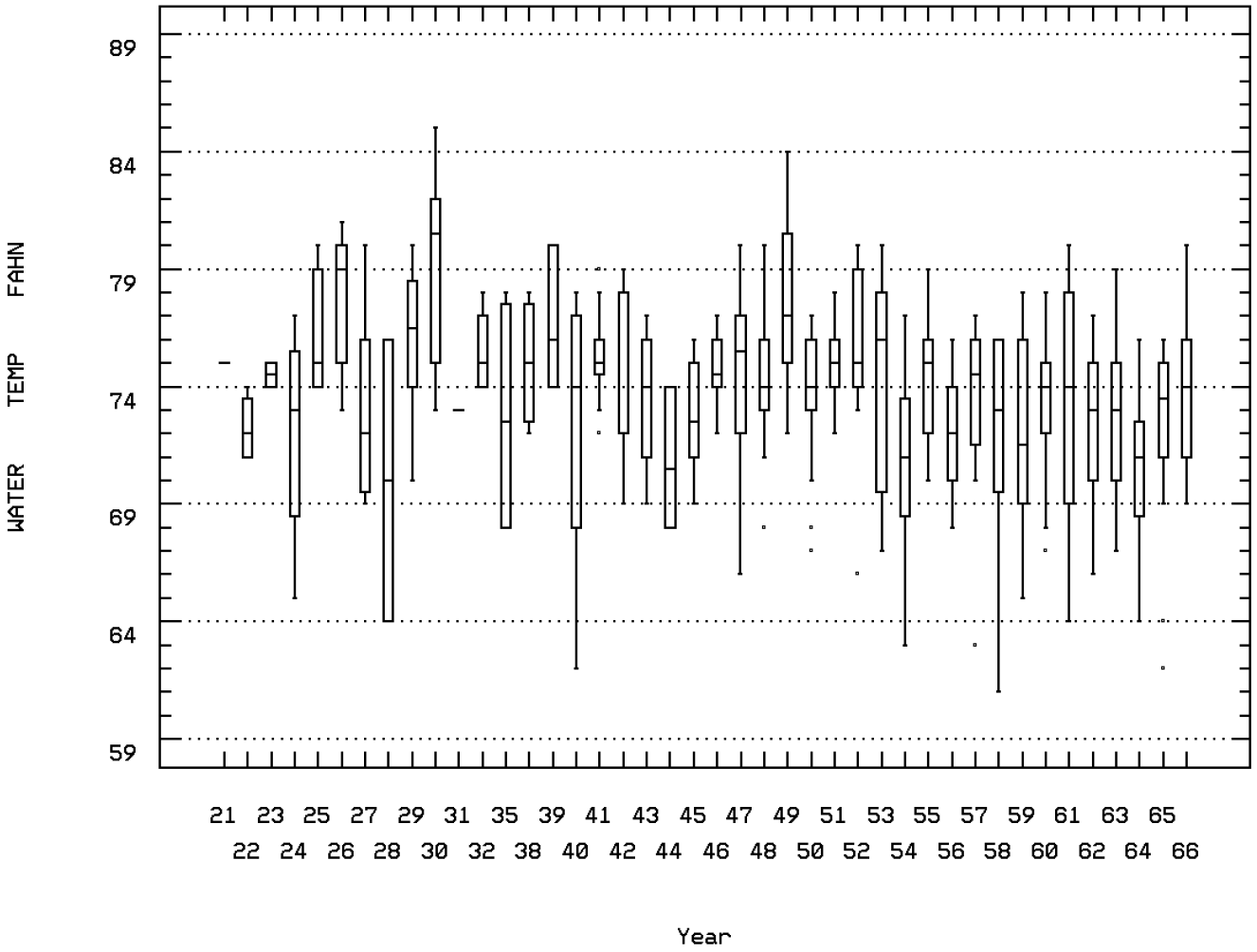
Annual Analysis for 1974 - Station GATE0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	2	9.25	9.25	9.4	9.1	0.045	0.212	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	2	2.2	2.2	2.7	1.7	0.5	0.707	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: GATE0020 Parameter Code: 00011

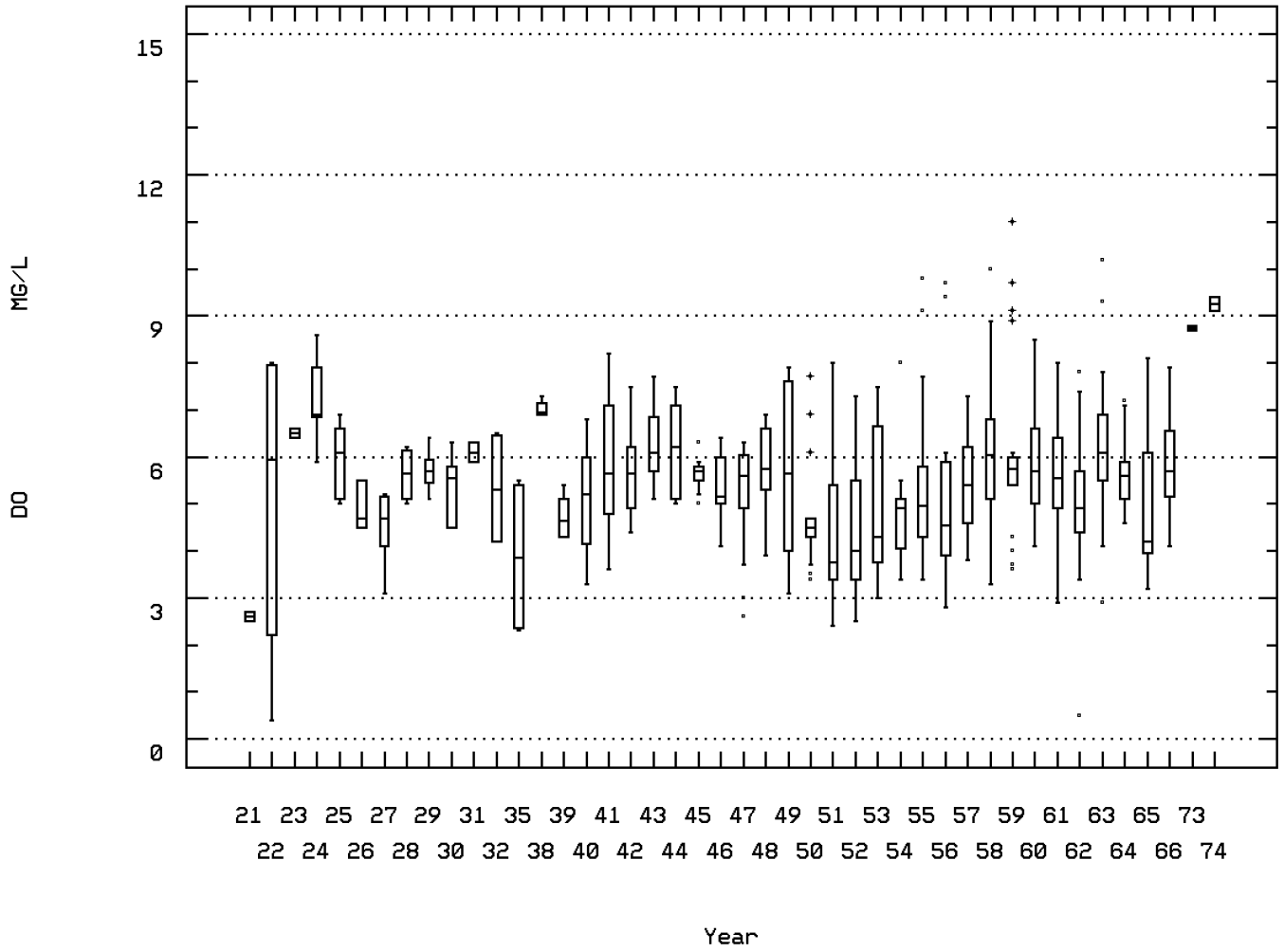
TEMPERATURE, WATER (DEGREES FAHRENHEIT)



JAMAICA BAY

Station: GATE0020 Parameter Code: 00300

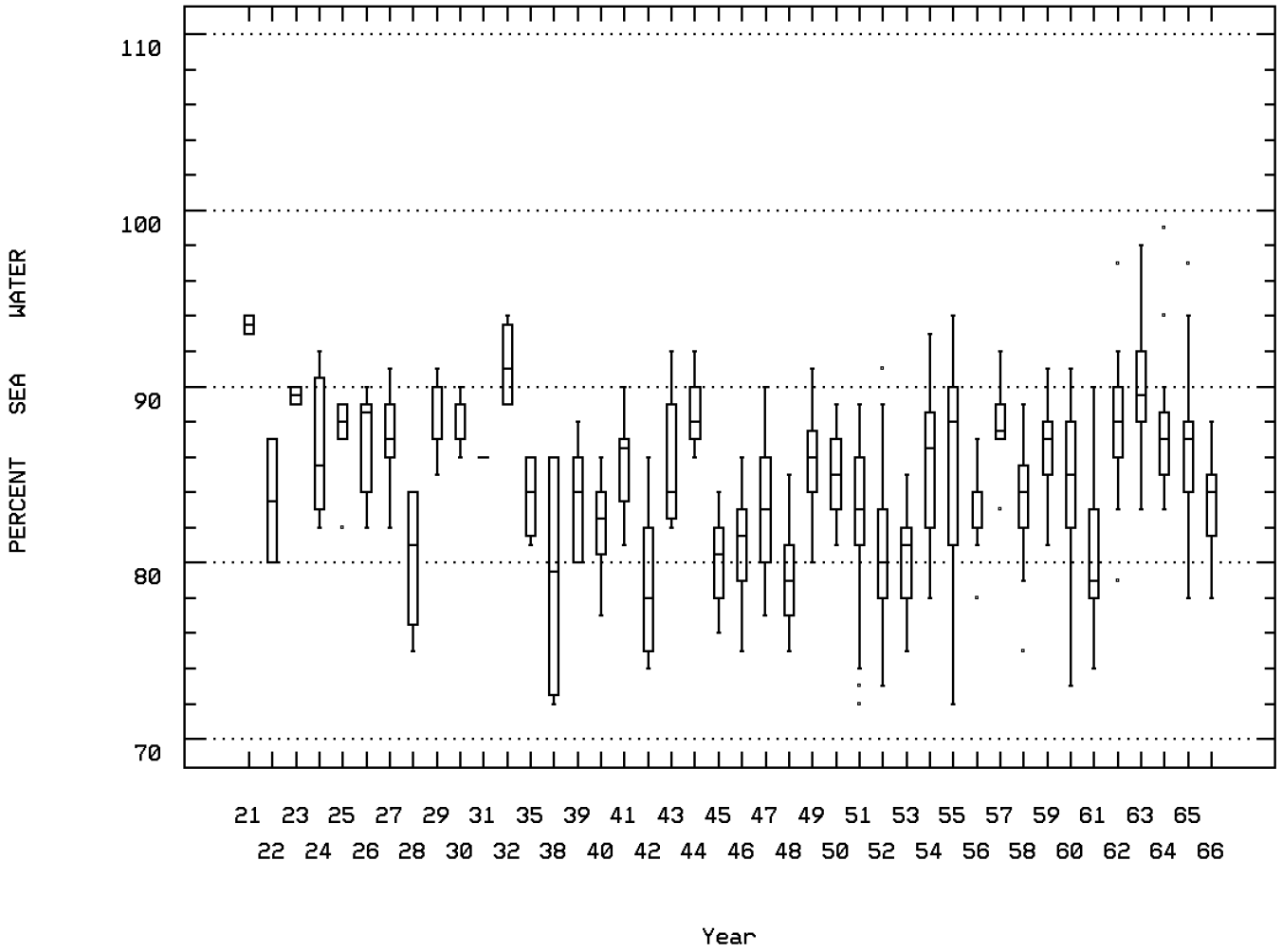
OXYGEN, DISSOLVED



JAMAICA BAY

Station: GATE0020 Parameter Code: 70307

SEA WATER, PERCENT



JAMAICA BAY

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	300	74.	73.933	85.	63.	12.457	3.529	69.	72.	76.	78.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/11/53-09/15/66	139	800.	2156.094	11036.	15.	10831957.665	3291.194	91.	200.	2400.	9300.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/11/53-09/15/66	139	2.903	2.828	4.043	1.176	0.531	0.729	1.959	2.301	3.38	3.968
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			672.243								
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	300	86.	85.017	95.	72.	20.21	4.496	79.	82.	88.	90.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

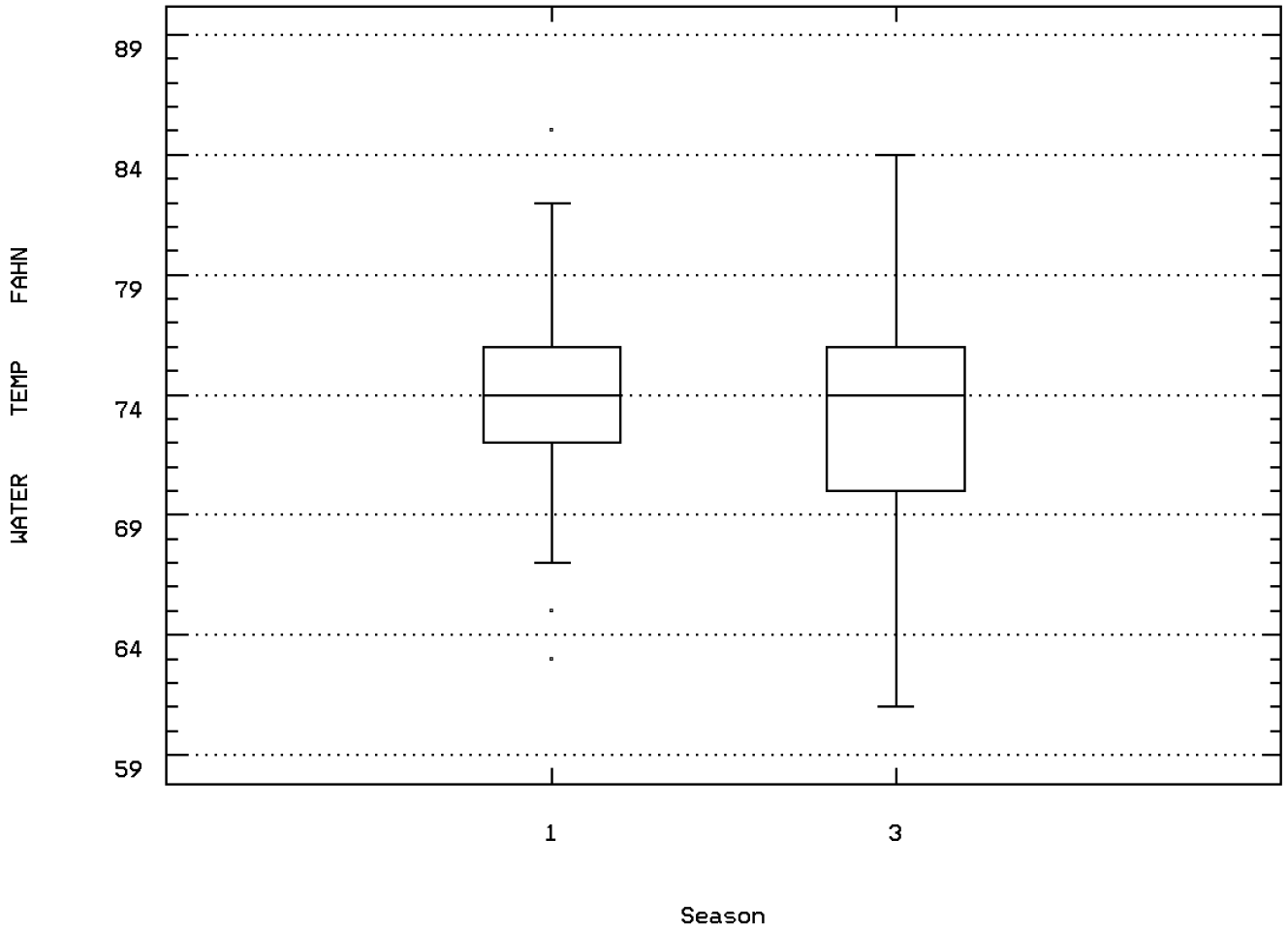
Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	264	74.	72.928	84.	61.	18.234	4.27	67.	70.	76.	78.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/11/53-09/15/66	134	400.	3142.687	110000.	15.	181326692.894	13465.76	91.	200.	1500.	4600.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/11/53-09/15/66	134	2.602	2.735	5.041	1.176	0.515	0.718	1.959	2.301	3.176	3.663
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			542.776								
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	266	84.	84.049	99.	72.	23.722	4.871	78.	81.	88.	90.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: GATE0020 Parameter Code: 00011

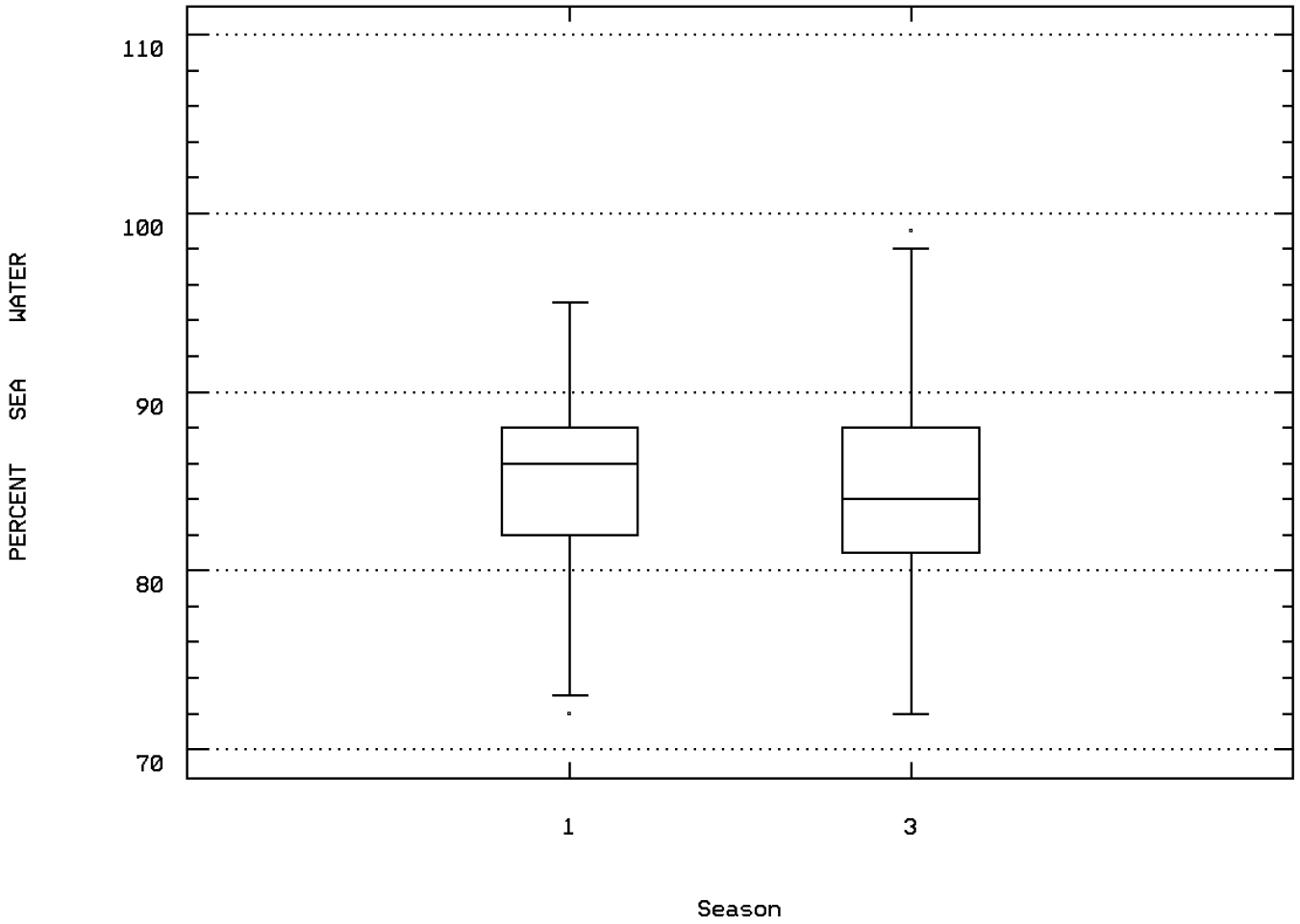
TEMPERATURE, WATER (DEGREES FAHRENHEIT)



JAMAICA BAY

Station: GATE0020 Parameter Code: 70307

SEA WATER, PERCENT



JAMAICA BAY

Station Inventory for Station: GATE0021

NPS Station ID: GATE0021
LAT/LON: 40.595837/ -73.811115
Agency: 31ISC2RS
Date Created: 11/07/81
Location: JAMAICA BAY
FIPS State/County: 36081 NEW YORK/QUEENS
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): JB-05 /JB05 /1005
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030202
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METROPOLITAN AREA
ECO Region:
RF1 Index: 02030202028
RF1 Mile Point: 9.160
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02030201003600.00
RF3 Mile Point: 0.00
Distance from RF3: 0.27
On/Off RF3:
Description:
AICA BAY AT PIER OF BRIDGE OVER BEACH CHANNEL - HAMMELS

Parameter Inventory for Station: GATE0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-08/11/86	77	20.	17.064	28.4	0.	60.062	7.75	5.	10.75	23.9	25.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-08/11/86	66	2.	3.03	39.	1.	21.414	4.628	2.	2.	3.	4.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-08/11/86	68	40250.	39272.059	47000.	27000.	19704730.026	4439.001	32900.	36125.	42000.	44050.
00300	OXYGEN, DISSOLVED MG/L	07/30/74-08/11/86	76	6.95	8.118	15.5	2.8	9.95	3.154	5.27	6.	9.975	14.
00310	BOD, 5 DAY, 20 DEG C MG/L	07/30/74-11/14/79	39	3.3	3.864	10.5	0.1	4.278	2.068	1.7	2.5	4.5	7.2
00400	PH (STANDARD UNITS)	02/19/75-11/14/79	44	7.6	7.655	8.4	6.9	0.084	0.291	7.4	7.5	7.8	8.
00400	CONVERTED PH (STANDARD UNITS)	02/19/75-11/14/79	44	7.6	7.565	8.4	6.9	0.093	0.304	7.4	7.5	7.8	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/19/75-11/14/79	44	0.025	0.027	0.126	0.004	0.	0.02	0.01	0.016	0.032	0.04
00560	OIL & GREASE (FREON EXTR.-IR METHOD) TOT,REC,MG/L	08/13/75-03/10/86	16	0.15	0.231	0.8	0.	0.064	0.252	0.	0.025	0.425	0.66
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/13/74-09/06/83	29	0.55	0.601	1.5	0.02	0.131	0.361	0.05	0.36	0.895	1.
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/13/74-10/08/75	9	0.1	0.113	0.2	0.05	0.002	0.044	0.05	0.085	0.14	0.2
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/13/74-10/08/75	9	0.64	0.676	1.19	0.36	0.059	0.243	0.36	0.51	0.795	1.19
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/18/76-09/06/83	9	0.77	0.803	1.29	0.41	0.102	0.319	0.41	0.535	1.105	1.29
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/18/76-03/02/83	18	0.28	0.326	0.8	0.12	0.035	0.188	0.138	0.158	0.468	0.584
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/29/76-09/06/83	19	0.18	0.232	1.28	0.04	0.069	0.263	0.07	0.13	0.25	0.29
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/13/74-09/06/83	27	0.12	0.113	0.24	0.005	0.005	0.07	0.009	0.05	0.16	0.212
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	66	9.	9.803	32.	3.	19.207	4.383	6.	7.	12.	14.3
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	72	33.	32.903	58.	20.	21.244	4.609	28.	31.	34.75	37.
00940	CHLORIDE,TOTAL IN WATER MG/L	07/30/74-04/09/75	12	14450.	14441.667	16000.	12600.	768106.061	876.417	12930.	13850.	14975.	15820.
01000	ARSENIC, DISSOLVED (UG/L AS AS)	02/18/76-05/09/79	2	## 5.	5.	5.	5.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	02/18/76-08/11/86	10	## 1.5	2.3	5.	1.	2.678	1.636	1.	1.	3.5	5.
01025	CADMIUM, DISSOLVED (UG/L AS CD)	02/18/76-11/14/79	13	## 0.25	0.404	1.	0.25	0.079	0.28	0.25	0.25	0.5	1.
01027	CADMIUM, TOTAL (UG/L AS CD)	08/13/74-08/11/86	30	0.5	2.075	22.	0.25	16.544	4.067	0.25	0.25	2.25	4.9
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	02/18/76-11/14/79	13	## 2.5	2.192	2.5	0.5	0.564	0.751	0.5	2.5	2.5	2.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/13/74-08/11/86	31	## 2.5	4.629	35.	0.5	54.733	7.398	1.	2.5	2.5	10.8
01035	COBALT, DISSOLVED (UG/L AS CO)	02/18/76-11/14/79	7	## 0.5	1.286	3.	0.5	1.405	1.185	**	**	**	**
01037	COBALT, TOTAL (UG/L AS CO)	12/18/74-03/02/83	13	## 0.5	1.885	6.	0.5	4.381	2.093	0.5	0.5	4.	5.6
01040	COPPER, DISSOLVED (UG/L AS CU)	02/18/76-11/14/79	13	17.	19.962	57.	0.5	220.103	14.836	2.7	10.5	27.5	48.6
01042	COPPER, TOTAL (UG/L AS CU)	08/13/74-08/11/86	31	21.	38.355	222.	4.	2107.503	45.908	6.6	15.	40.	100.2
01045	IRON, TOTAL (UG/L AS FE)	12/18/74-08/11/86	18	125.	148.833	660.	20.	20139.088	141.912	20.9	73.	184.75	280.2
01046	IRON, DISSOLVED (UG/L AS FE)	02/18/76-11/14/79	7	8.	14.071	30.	0.5	154.702	12.438	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	02/18/76-11/14/79	13	5.	5.192	10.	2.5	8.814	2.969	2.5	2.5	7.5	10.
01051	LEAD, TOTAL (UG/L AS PB)	08/13/74-08/11/86	30	10.	14.45	40.	2.5	115.041	10.726	2.5	6.5	20.	34.5
01065	NICKEL, DISSOLVED (UG/L AS NI)	02/18/76-11/14/79	13	5.	4.423	10.	2.5	4.327	2.08	2.5	2.5	5.	8.
01067	NICKEL, TOTAL (UG/L AS NI)	08/13/74-08/11/86	31	8.	13.952	75.	2.5	221.773	14.892	2.5	5.	20.	30.
01075	SILVER, DISSOLVED (UG/L AS AG)	02/18/76-11/14/79	7	1.	1.	2.	0.5	0.25	0.5	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GATE0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01077	SILVER, TOTAL (UG/L AS AG)	12/18/74-08/11/86	19	2.	2.553	10.	0.5	7.997	2.828	0.5	1.	3.	10.
01090	ZINC, DISSOLVED (UG/L AS ZN)	02/18/76-11/14/79	9	41.	41.	73.	12.	470.25	21.685	12.	20.	60.5	73.
01092	ZINC, TOTAL (UG/L AS ZN)	08/13/74-08/11/86	30	49.5	65.9	240.	0.5	3312.214	57.552	8.2	26.	83.25	159.5
01100	TIN, DISSOLVED (UG/L AS SN)	02/18/76-11/14/79	6 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01102	TIN, TOTAL (UG/L AS SN)	02/18/76-03/02/83	9 ##	25.	25.	25.	25.	0.	0.	25.	25.	25.	25.
01105	ALUMINUM, TOTAL (UG/L AS AL)	07/09/75-03/02/83	10	45.	66.3	160.	5.	3105.789	55.73	6.5	20.	130.	157.
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	02/18/76-11/14/79	7	20.	24.286	50.	10.	161.905	12.724	**	**	**	**
31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	06/08/77-09/09/82	9	1800.	15813.333	100000.	50.	1050958375.	32418.488	50.	615.	18000.	100000.
31504	LOG COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,	06/08/77-09/09/82	9	3.255	3.372	5.	1.699	0.99	0.995	1.699	2.775	4.255	5.
31504	GM COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,3	GEOMETRIC MEAN =			2355.587								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/02/83-08/11/86	10	410.	738.	3500.	130.	1053951.111	1026.621	134.	200.	692.5	3280.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/02/83-08/11/86	10	2.604	2.635	3.544	2.114	0.184	0.429	2.126	2.299	2.796	3.501
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			431.031								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	08/13/74-09/09/82	29	200.	3794.69	100000.	5.	342579808.15	18508.912	40.	77.5	515.	1200.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	08/13/74-09/09/82	29	2.301	2.336	5.	0.699	0.601	0.776	1.602	1.87	2.712	3.079
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			216.868								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/02/83-08/11/86	10	140.	140.	330.	50.	8555.556	92.496	50.	50.	185.	320.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/02/83-08/11/86	10	2.136	2.055	2.519	1.699	0.092	0.303	1.699	1.699	2.263	2.503
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			113.632								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/27/74-08/11/86	37	15.	33.459	126.	0.	1149.311	33.901	3.4	9.5	50.	85.4
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	08/27/74-08/11/86	37	3.	4.459	24.	0.	27.977	5.289	0.	0.5	6.	13.4
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	09/24/74-08/11/86	36	13.5	25.25	161.	0.	1014.136	31.845	0.	6.	39.5	58.
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	08/27/75-07/31/79	6	1.	1.333	3.	0.5	0.967	0.983	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	08/13/74-08/11/86	28 ##	0.075	0.121	0.5	0.05	0.015	0.124	0.05	0.05	0.1	0.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0021

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	66	0	0.00	22	0	0.00	16	0	0.00	28	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	76	1	0.01	29	1	0.03	18	0	0.00	29	0	0.00			
00400	PH	Other-Hi Lim.	9.	44	0	0.00	13	0	0.00	9	0	0.00	22	0	0.00			
		Other-Lo Lim.	6.5	44	0	0.00	13	0	0.00	9	0	0.00	22	0	0.00			
01000	ARSENIC, DISSOLVED	Marine Acute	69.	2	0	0.00				1	0	0.00	1	0	0.00			
01002	ARSENIC, TOTAL	Marine Acute	69.	10	0	0.00	3	0	0.00	6	0	0.00	1	0	0.00			
01025	CADMIUM, DISSOLVED	Marine Acute	43.	13	0	0.00	2	0	0.00	4	0	0.00	7	0	0.00			
01027	CADMIUM, TOTAL	Marine Acute	43.	30	0	0.00	9	0	0.00	11	0	0.00	10	0	0.00			
01040	COPPER, DISSOLVED	Marine Acute	2.9	13	12	0.92	2	2	1.00	4	4	1.00	7	6	0.86			
01042	COPPER, TOTAL	Marine Acute	2.9	31	31	1.00	10	10	1.00	11	11	1.00	10	10	1.00			
01049	LEAD, DISSOLVED	Marine Acute	220.	13	0	0.00	2	0	0.00	4	0	0.00	7	0	0.00			
01051	LEAD, TOTAL	Marine Acute	220.	30	0	0.00	9	0	0.00	11	0	0.00	10	0	0.00			
01065	NICKEL, DISSOLVED	Marine Acute	75.	13	0	0.00	2	0	0.00	4	0	0.00	7	0	0.00			
01067	NICKEL, TOTAL	Marine Acute	75.	31	1	0.03	10	0	0.00	11	1	0.09	10	0	0.00			
01075	SILVER, DISSOLVED	Marine Acute	0.12	5 &	5	1.00				2	2	1.00	3	3	1.00			
01077	SILVER, TOTAL	Marine Acute	0.12	16 &	16	1.00	6	6	1.00	6	6	1.00	4	4	1.00			
01090	ZINC, DISSOLVED	Marine Acute	95.	9	0	0.00	1	0	0.00	3	0	0.00	5	0	0.00			
01092	ZINC, TOTAL	Marine Acute	95.	30	6	0.20	10	4	0.40	10	1	0.10	10	1	0.10			
31504	COLIFORM,TOT,MEMBRANE FILTR,IMMED. LES-E	Other-Hi Lim.	1000.	9	5	0.56	4	2	0.50				5	3	0.60			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	10	2	0.20	3	0	0.00	4	1	0.25	3	1	0.33			
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	29	17	0.59	14	7	0.50	3	2	0.67	12	8	0.67			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	10	2	0.20	3	0	0.00	4	2	0.50	3	0	0.00			
71900	MERCURY, TOTAL	Marine Acute	2.1	28	0	0.00	11	0	0.00	11	0	0.00	6	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1974 - Station GATE0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-08/11/86	8	16.6	16.025	23.8	5.7	44.608	6.679	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-08/11/86	3	44000.	43166.667	46500.	39000.	14583333.333	3818.813	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/30/74-08/11/86	8	6.5	6.8	10.3	4.3	5.337	2.31	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	7	11.	13.714	32.	5.	82.571	9.087	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	8	35.5	38.875	58.	33.	70.982	8.425	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GATE0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-08/11/86	14	18.4	15.979	26.	3.4	80.679	8.982	3.4	6.275	24.375	26.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-08/11/86	14	2.	3.071	8.	1.	3.764	1.94	1.5	2.	3.5	7.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-08/11/86	14	37250.	37071.429	42000.	30000.	11032967.033	3321.591	31000.	35750.	39500.	41500.
00300	OXYGEN, DISSOLVED MG/L	07/30/74-08/11/86	14	6.1	7.814	13.8	4.8	9.812	3.132	4.9	5.7	10.6	13.2
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	10	10.	10.1	13.	7.	3.878	1.969	7.1	8.	12.	12.9
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	13	34.	33.846	38.	31.	3.308	1.819	31.	33.	35.	36.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station GATE0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-08/11/86	9	22.	19.444	25.5	7.5	43.778	6.616	7.5	13.75	24.5	25.5
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-08/11/86	9	2.	2.444	3.	2.	0.278	0.527	2.	2.	3.	3.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-08/11/86	8	40500.	40750.	44000.	37000.	8142857.143	2853.569	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/30/74-08/11/86	9	6.6	6.8	14.	2.8	10.	3.162	2.8	4.8	7.7	14.
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	9	8.	9.333	14.	6.	8.	2.828	6.	7.	12.	14.
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	9	34.	34.778	38.	31.	4.694	2.167	31.	33.5	36.5	38.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GATE0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-08/11/86	11	18.5	17.345	25.	5.	35.513	5.959	6.3	13.	22.5	24.5
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-08/11/86	11	2.	5.727	39.	2.	122.018	11.046	2.	2.	3.	31.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-08/11/86	9	42500.	41500.	45000.	34000.	15125000.	3889.087	34000.	39000.	44500.	45000.
00300	OXYGEN, DISSOLVED MG/L	07/30/74-08/11/86	11	6.6	7.9	14.2	5.4	7.69	2.773	5.52	6.2	8.8	13.76
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	8	8.	8.375	10.	7.	1.411	1.188	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	10	32.	32.2	36.	30.	3.733	1.932	30.	30.75	33.25	35.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GATE0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-08/11/86	11	21.2	17.564	28.4	0.	74.033	8.604	1.5	12.4	24.5	27.88
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-08/11/86	11	2.	2.364	4.	2.	0.455	0.674	2.	2.	3.	3.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-08/11/86	11	41000.	39272.727	46000.	30000.	23618181.818	4859.854	30600.	34500.	42000.	45500.
00300	OXYGEN, DISSOLVED MG/L	07/30/74-08/11/86	11	7.4	8.436	14.8	5.2	10.383	3.222	5.36	6.	9.6	14.68

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GATE0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	11	8.	8.455	13.	5.	6.073	2.464	5.2	6.	10.	12.8
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	11	31.	30.364	34.	28.	3.855	1.963	28.	28.	32.	33.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station GATE0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-08/11/86	10	17.	15.5	25.	2.	66.833	8.175	2.3	9.125	23.625	24.9
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-08/11/86	10	2.	2.6	4.	2.	0.711	0.843	2.	2.	3.25	4.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-08/11/86	9	42000.	42222.222	47000.	38000.	7381944.444	2716.973	38000.	40250.	44250.	47000.
00300	OXYGEN, DISSOLVED MG/L	07/30/74-08/11/86	10	9.	9.1	12.8	5.6	7.469	2.733	5.66	6.35	12.	12.72
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	9	11.	9.889	16.	4.	14.861	3.855	4.	6.5	12.5	16.
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	9	32.	32.444	40.	27.	17.778	4.216	27.	28.5	35.5	40.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station GATE0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-08/11/86	2	21.	21.	24.	18.	18.	4.243	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-08/11/86	2	1.	1.	1.	1.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-08/11/86	2	40750.	40750.	41500.	40000.	1125000.	1060.66	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/30/74-08/11/86	2	6.75	6.75	7.	6.5	0.125	0.354	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	2	12.5	12.5	19.	6.	84.5	9.192	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	2	32.	32.	36.	28.	32.	5.657	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station GATE0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-08/11/86	5	25.	21.1	25.	8.5	51.3	7.162	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-08/11/86	4	2.	1.75	2.	1.	0.25	0.5	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-08/11/86	4	41000.	40500.	41000.	39000.	1000000.	1000.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/30/74-08/11/86	4	6.4	6.35	7.2	5.4	0.65	0.806	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	4	9.5	8.25	11.	3.	12.917	3.594	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	4	30.5	28.25	32.	20.	32.25	5.679	**	**	**	**

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Annual Analysis for 1984 - Station GATE0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-08/11/86	2	13.	13.	22.	4.	162.	12.728	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-08/11/86	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-08/11/86	2	35000.	35000.	38000.	32000.	18000000.	4242.641	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/30/74-08/11/86	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	2	14.5	14.5	20.	9.	60.5	7.778	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	2	29.5	29.5	31.	28.	4.5	2.121	**	**	**	**

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Annual Analysis for 1985 - Station GATE0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-08/11/86	2	13.25	13.25	20.5	6.	105.125	10.253	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-08/11/86	2	2.	2.	2.	2.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-08/11/86	2	35500.	35500.	36000.	35000.	500000.	707.107	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/30/74-08/11/86	2	13.	13.	15.	11.	8.	2.828	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	2	6.	6.	9.	3.	18.	4.243	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	2	28.	28.	30.	26.	8.	2.828	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GATE0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-08/11/86	3	24.	16.	24.	0.	192.	13.856	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-08/11/86	2	2.5	2.5	3.	2.	0.5	0.707	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-08/11/86	4	31500.	31500.	36000.	27000.	27000000.	5196.152	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/30/74-08/11/86	4	10.45	10.6	15.5	6.	26.007	5.1	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	2	9.	9.	12.	6.	18.	4.243	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	2	32.5	32.5	35.	30.	12.5	3.536	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-08/11/86	29	23.	22.069	28.4	13.8	12.952	3.599	17.8	19.15	25.	25.8
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-08/11/86	22	2.	2.045	3.	1.	0.331	0.575	1.	2.	2.	3.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-08/11/86	23	41500.	40826.087	46500.	27000.	18082015.81	4252.295	36000.	39000.	44000.	45600.
00300	OXYGEN, DISSOLVED MG/L	07/30/74-08/11/86	29	6.3	6.148	8.	2.8	0.977	0.988	5.2	5.7	6.8	7.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/13/74-09/06/83	11	0.8	0.725	1.25	0.3	0.09	0.299	0.314	0.46	0.94	1.19
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/13/74-09/06/83	11	0.15	0.145	0.21	0.09	0.001	0.036	0.094	0.12	0.15	0.208
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	27	8.	10.037	32.	3.	33.037	5.748	5.6	7.	10.	17.4
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	26	33.	34.038	58.	20.	42.278	6.502	28.7	31.	36.	40.6
01027	CADMIUM, TOTAL (UG/L AS CD)	08/13/74-08/11/86	9	2.	1.833	5.	0.25	2.234	1.495	0.25	0.625	2.5	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/13/74-08/11/86	10 ##	2.5	5.15	27.	2.5	59.169	7.692	2.5	2.5	3.25	24.7
01042	COPPER, TOTAL (UG/L AS CU)	08/13/74-08/11/86	10	19.	37.7	147.	10.	1821.567	42.68	10.	10.75	47.25	139.2
01051	LEAD, TOTAL (UG/L AS PB)	08/13/74-08/11/86	9	10.	18.	40.	2.5	230.688	15.188	2.5	4.75	35.	40.
01067	NICKEL, TOTAL (UG/L AS NI)	08/13/74-08/11/86	10	12.5	15.85	38.	2.5	144.669	12.028	2.75	5.	26.25	37.2
01092	ZINC, TOTAL (UG/L AS ZN)	08/13/74-08/11/86	10	75.	100.95	240.	0.5	6049.358	77.778	3.55	41.5	164.75	233.9
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	08/13/74-09/09/82	14	175.	275.	1200.	5.	118000.	343.511	22.5	50.	297.5	1010.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	08/13/74-09/09/82	14	2.239	2.123	3.079	0.699	0.373	0.611	1.151	1.699	2.446	2.996
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			132.861								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/27/74-08/11/86	12	14.	25.333	85.	1.	606.788	24.633	2.5	9.	38.75	76.
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	08/27/74-08/11/86	12	3.	4.5	24.	0.	41.909	6.474	0.	1.	5.	18.6
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	09/24/74-08/11/86	11	13.	26.909	161.	0.	2153.491	46.406	0.	5.	18.	138.6
71900	MERCURY, TOTAL (UG/L AS HG)	08/13/74-08/11/86	11	0.1	0.145	0.5	0.05	0.02	0.14	0.05	0.05	0.2	0.46

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-08/11/86	18	5.85	6.172	15.	0.	16.035	4.004	0.	3.4	8.275	13.2
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-08/11/86	16	2.5	3.063	8.	2.	2.596	1.611	2.	2.	3.75	5.9
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-08/11/86	17	38000.	37705.882	44000.	27000.	20595588.235	4538.236	29400.	35500.	41000.	44000.
00300	OXYGEN, DISSOLVED MG/L	07/30/74-08/11/86	18	12.	11.822	15.5	7.4	7.068	2.659	7.58	9.675	14.125	15.05
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/13/74-09/06/83	8	0.6	0.539	0.89	0.05	0.064	0.252	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/13/74-09/06/83	8	0.025	0.059	0.22	0.005	0.005	0.074	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	17	8.	9.235	20.	3.	14.941	3.865	5.4	6.5	12.	14.4
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	18	31.5	31.389	35.	26.	8.134	2.852	26.9	28.75	34.	35.
01027	CADMIUM, TOTAL (UG/L AS CD)	08/13/74-08/11/86	11 ##	0.25	1.5	6.	0.25	3.463	1.861	0.25	0.25	3.	5.4
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/13/74-08/11/86	11	2.5	6.045	35.	0.5	103.123	10.155	0.6	1.	6.	30.4
01042	COPPER, TOTAL (UG/L AS CU)	08/13/74-08/11/86	11	21.	42.545	222.	4.	3896.673	62.423	4.4	9.	58.	189.8
01051	LEAD, TOTAL (UG/L AS PB)	08/13/74-08/11/86	11	10.	12.955	35.	2.5	94.773	9.735	2.5	2.5	20.	32.
01067	NICKEL, TOTAL (UG/L AS NI)	08/13/74-08/11/86	11	8.	15.682	75.	2.5	443.914	21.069	3.	5.	15.	66.
01092	ZINC, TOTAL (UG/L AS ZN)	08/13/74-08/11/86	10	41.5	47.45	135.	0.5	1726.581	41.552	1.25	9.5	72.	129.6
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	08/13/74-09/09/82	3	360.	336.667	600.	50.	76033.333	275.741	**	**	**	**
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	08/13/74-09/09/82	3	2.556	2.344	2.778	1.699	0.325	0.57	**	**	**	**
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			221.042								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/27/74-08/11/86	11	37.	46.	126.	0.	2280.2	47.751	0.	4.	78.	125.4
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	08/27/74-08/11/86	11	3.	5.	16.	0.	28.2	5.31	0.2	1.	9.	15.4
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	09/24/74-08/11/86	11	18.	31.636	91.	4.	940.055	30.66	4.2	6.	45.	88.6
71900	MERCURY, TOTAL (UG/L AS HG)	08/13/74-08/11/86	11 ##	0.05	0.1	0.4	0.05	0.011	0.102	0.05	0.05	0.1	0.34

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-08/11/86	30	21.5	18.76	26.	5.	33.842	5.817	9.65	14.125	23.125	24.9
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-08/11/86	28	2.	3.786	39.	1.	48.471	6.962	2.	2.	3.	4.2
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-08/11/86	28	39500.	38946.429	47000.	30000.	18247023.81	4271.654	32000.	36250.	41875.	44050.
00300	OXYGEN, DISSOLVED MG/L	07/30/74-08/11/86	29	7.	7.79	14.2	4.2	8.432	2.904	4.8	5.7	9.6	12.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/13/74-09/06/83	10	0.465	0.514	1.5	0.02	0.227	0.476	0.022	0.055	0.858	1.45
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/13/74-09/06/83	8	0.11	0.123	0.24	0.05	0.006	0.078	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	22	10.5	9.955	14.	5.	6.807	2.609	5.3	8.	12.	13.
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	28	33.	32.821	38.	28.	8.819	2.97	28.	31.	35.	37.1
01027	CADMIUM, TOTAL (UG/L AS CD)	08/13/74-08/11/86	10	0.5	2.925	22.	0.25	46.209	6.798	0.25	0.25	1.375	20.2
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/13/74-08/11/86	10 ##	2.5	2.55	5.	0.5	1.136	1.066	0.7	2.5	2.5	4.75
01042	COPPER, TOTAL (UG/L AS CU)	08/13/74-08/11/86	10	25.5	34.4	108.	5.	834.489	28.888	6.2	17.75	41.25	102.3
01051	LEAD, TOTAL (UG/L AS PB)	08/13/74-08/11/86	10	10.5	12.9	25.	5.	42.322	6.506	5.	8.75	18.5	24.5
01067	NICKEL, TOTAL (UG/L AS NI)	08/13/74-08/11/86	10	5.	10.15	25.	2.5	77.614	8.81	2.5	2.5	17.75	24.8
01092	ZINC, TOTAL (UG/L AS ZN)	08/13/74-08/11/86	10	42.	49.3	112.	19.	847.344	29.109	19.2	25.5	69.5	108.5
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	08/13/74-09/09/82	12	245.	8765.5	100000.	10.	825884755.727	28738.211	37.	139.5	815.	70690.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	08/13/74-09/09/82	12	2.388	2.582	5.	1.	0.907	0.953	1.3	2.144	2.9	4.509
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			382.29								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/27/74-08/11/86	14	18.	30.571	87.	9.	712.264	26.688	9.5	11.75	41.	81.
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	08/27/74-08/11/86	14	4.	4.	15.	0.	19.846	4.455	0.	0.	7.	11.5
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	09/24/74-08/11/86	14	14.	18.929	48.	0.	270.841	16.457	0.	4.5	35.	46.
71900	MERCURY, TOTAL (UG/L AS HG)	08/13/74-08/11/86	6 ##	0.05	0.117	0.4	0.05	0.02	0.14	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0022

NPS Station ID: GATE0022
LAT/LON: 40.595837/ -73.811392
Agency: 1111H030
Date Created: / /
Location: JAMAICA BAY (J05)
FIPS State/County: 36081 NEW YORK/QUEENS
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): 403545007348410/J05 /945
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030202
Depth of Water: 14
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-N.Y. METROPOLI
ECO Region:
RF1 Index: 02030202027
RF1 Mile Point: 20.880
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02030202002709.04
RF3 Mile Point: 18.20
Distance from RF3: 0.12
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0022

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/03/66-08/24/66	12	17.95	15.725	25.2	4.2	75.44	8.686	4.38	5.	24.125	25.14
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/03/66-08/24/66	12	20.5	17.333	26.	6.	68.97	8.305	6.	7.	24.	26.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/03/66-08/24/66	12	2.9	2.867	5.3	1.6	1.244	1.115	1.63	1.85	3.35	4.97
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/03/66-08/24/66	12	31000.	30060.833	38800.	20700.	37090590.152	6090.204	20730.	25507.5	33350.	38800.
00300	OXYGEN, DISSOLVED MG/L	03/03/66-08/24/66	12	8.2	8.575	12.9	4.9	9.402	3.066	4.9	5.725	11.8	12.84
00310	BOD, 5 DAY, 20 DEG C MG/L	03/03/66-08/24/66	12	2.85	2.967	5.7	0.4	2.072	1.439	0.82	1.95	4.	5.34
00400	PH (STANDARD UNITS)	03/03/66-08/24/66	12	7.35	7.367	7.8	7.	0.07	0.264	7.	7.125	7.575	7.77
00400	CONVERTED PH (STANDARD UNITS)	03/03/66-08/24/66	12	7.347	7.296	7.8	7.	0.075	0.274	7.	7.125	7.575	7.77
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/03/66-08/24/66	12	0.045	0.051	0.1	0.016	0.001	0.029	0.017	0.027	0.075	0.1
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/25/66-08/24/66	8	0.24	0.39	1.29	0.12	0.14	0.374	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/03/66-08/24/66	12	0.04	0.038	0.05	0.02	0.	0.009	0.02	0.04	0.04	0.05
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/03/66-08/24/66	12	0.155	0.168	0.27	0.08	0.004	0.063	0.089	0.123	0.238	0.267
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/03/66-08/24/66	12	1.11	1.107	2.08	0.26	0.263	0.513	0.314	0.788	1.4	1.993
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/03/66-08/24/66	12	0.95	1.136	2.58	0.62	0.309	0.556	0.632	0.813	1.295	2.346
00940	CHLORIDE,TOTAL IN WATER MG/L	04/22/65-08/24/66	14	14825.	14860.714	16700.	13400.	1256222.527	1120.813	13450.	13575.	15800.	16700.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/22/65-08/24/66	14	215.	4026.	20000.	10.	39771464.	6306.462	25.	60.5	10025.	15500.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/22/65-08/24/66	14	2.332	2.725	4.301	1.	1.154	1.074	1.301	1.779	4.	4.171
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			530.527								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/22/65-08/24/66	14	38.	1268.143	5800.	10.	3203802.132	1789.917	10.	10.	2600.	4500.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/22/65-08/24/66	14	1.579	2.156	3.763	1.	1.336	1.156	1.	1.	3.415	3.634
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			143.21								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/03/66-08/24/66	12	5.	181.25	620.	1.	70944.568	266.354	1.	1.25	512.5	602.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/03/66-08/24/66	12	0.699	1.165	2.792	0.	1.408	1.187	0.	0.075	2.708	2.779
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			14.638								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0022

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	12	0	0.00	2	0	0.00	4	0	0.00	6	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	12	0	0.00	2	0	0.00	4	0	0.00	6	0	0.00			
00400	PH	Other-Hi Lim.	9.	12	0	0.00	2	0	0.00	4	0	0.00	6	0	0.00			
		Other-Lo Lim.	6.5	12	0	0.00	2	0	0.00	4	0	0.00	6	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: GATE0022

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	14	6	0.43	2	0	0.00	4	4	1.00	8	2	0.25			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	14	6	0.43	2	0	0.00	4	4	1.00	8	2	0.25			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0023

NPS Station ID: GATE0023
Location: JAMAICA BAY
Station Type: /TYPA/AMBNT/ESTURY
RMI-Indexes:
RMI-Miles:
HUC: 02030202
Major Basin: 100 YD EAST OF SUBWAY BR
Minor Basin: CENTER SPAN OFF HAMMEL
RF1 Index: 02030202028
RF3 Index: 02030202068000.00
Description:

LAT/LON: 40.584504/ -73.811670
Depth of Water: 22
Elevation: 0
RF1 Mile Point: 8.000
RF3 Mile Point: 0.28

Agency: REGII208
FIPS State/County: 36081 NEW YORK/QUEENS
STORET Station ID(s): NYC001J5 /J5
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.10

Date Created: 05/25/78
On/Off RF1: ON
On/Off RF3:

Parameter Inventory for Station: GATE0023

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/15/76-07/18/77	4	12.55	12.4	24.	0.5	179.473	13.397	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	12/15/76-07/18/77	4	8.75	8.7	11.5	5.8	10.46	3.234	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	12/15/76-07/18/77	2	2.85	2.85	3.1	2.6	0.125	0.354	**	**	**	**
00400	PH (STANDARD UNITS)	12/15/76-12/15/76	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/15/76-12/15/76	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/15/76-12/15/76	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	12/15/76-07/18/77	2	8.5	8.5	9.	8.	0.5	0.707	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/15/76-07/18/77	2	0.424	0.424	0.62	0.228	0.077	0.277	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/15/76-07/18/77	2	0.043	0.043	0.046	0.039	0.	0.005	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/15/76-07/18/77	2	0.133	0.133	0.17	0.095	0.003	0.053	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/15/76-07/18/77	2	0.985	0.985	1.07	0.9	0.014	0.12	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/15/76-07/18/77	2	0.22	0.22	0.23	0.21	0.	0.014	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	12/15/76-07/18/77	4	15500.	15475.	15700.	15200.	49166.667	221.736	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	12/15/76-07/18/77	2	1345.	1345.	2200.	490.	1462050.	1209.153	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	12/15/76-07/18/77	2	3.016	3.016	3.342	2.69	0.213	0.461	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1038.268								
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/15/76-07/18/77	2	5.	5.	5.	5.	0.	0.	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/15/76-07/18/77	2	0.699	0.699	0.699	0.699	0.	0.	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			5.								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/15/76-07/18/77	2	5.	5.	5.	5.	0.	0.	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/15/76-07/18/77	2	0.699	0.699	0.699	0.699	0.	0.	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			5.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/15/76-07/18/77	2	345.	345.	460.	230.	26450.	162.635	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/15/76-07/18/77	2	2.512	2.512	2.663	2.362	0.045	0.213	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			325.269								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	12/15/76-07/18/77	2	0.114	0.114	0.137	0.09	0.001	0.033	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0023

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00				2	0	0.00	2	0	0.00			
00400	PH	Other-Hi Lim.	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: GATE0023

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	1	0.50				1	0	0.00	1	1	1.00			
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	2	0	0.00				1	0	0.00	1	0	0.00			
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	2	0	0.00				1	0	0.00	1	0	0.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	2	2	1.00				1	1	1.00	1	1	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0024

NPS Station ID: GATE0024
LAT/LON: 40.629449/ -73.813059
Agency: 1111H030
Date Created: / /
Location: JAMAICA BAY (936)
FIPS State/County: 36081 NEW YORK/QUEENS
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): 403746007348470/936
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02030202
Depth of Water: 35
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-N.Y. METROPOLI
ECO Region:
RF1 Index: 02030202028
RF1 Mile Point: 23.540
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02030202002900.00
RF3 Mile Point: 4.51
Distance from RF3: 0.11
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0024

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00940	CHLORIDE,TOTAL IN WATER MG/L	04/22/65-04/22/65	2	14075.	14075.	14100.	14050.	1250.	35.355	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/22/65-04/22/65	2	21200.	21200.	40000.	2400.	706880000.	26587.215	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/22/65-04/22/65	2	3.991	3.991	4.602	3.38	0.746	0.864	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			9797.959								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/22/65-04/22/65	2	3450.	3450.	5300.	1600.	6845000.	2616.295	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/22/65-04/22/65	2	3.464	3.464	3.724	3.204	0.135	0.368	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2912.044								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0024

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	2	1.00							2	2	1.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	2	2	1.00							2	2	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0025

NPS Station ID: GATE0025
LAT/LON: 40.641670/ -73.813337
Agency: 21350000
Date Created: / /
Location: JAMAICA EFF
FIPS State/County: 36000 NEW YORK/
Station Type: /TYPA/MUN/TREATD/OUTFL/LAKE
STORET Station ID(s): 403830007348480/808E
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02030202
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-N.Y. METROPOLITAN AREA
ECO Region:
RF1 Index: 02030202028
RF1 Mile Point: 24.280
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02030202002909.75
RF3 Mile Point: 11.99
Distance from RF3: 0.07
On/Off RF3:
Description:
PLANT WAS OPENED IN 1943 AND HAS A PRESENT FLOW OF 72 MGD. IT SERVES THE SOUTHERN SECTION OF QUEENS (25,542 ACRES) WITH A CONNECTING POPULATION OF 585,000. PRESENT FACILITIES ARE STEP AERATION, SLUDGE DIGESTION, POWER GENERATION AND CHLORINATION.
MONTHLY SUMMARIES OF DATA COLLECTED BY N.Y.C. DEPT. OF PUBLIC WORKS.

Parameter Inventory for Station: GATE0025

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GATE0026

NPS Station ID: GATE0026
LAT/LON: 40.582781/ -73.813892
Agency: 1111H030
Date Created: / /
Location: LONG ISLAND BEACHES
FIPS State/County: 36081 NEW YORK/QUEENS
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): LIC04 /LIC4 /LIC-4
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030202
Depth of Water: 0
Aquifer:
Major Basin: ATLANTIC OCEAN
Elevation: 0
Water Body Id:
Minor Basin: LONG ISLAND COAST-HOLLAND AREA
ECO Region:
RF1 Index: 02030202028
RF1 Mile Point: 8.000
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02030202002709.04
RF3 Mile Point: 11.23
Distance from RF3: 0.01
On/Off RF3:
Description:
HOLLAND AREA. OFF FOOT OF B92 ST.

Parameter Inventory for Station: GATE0026

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/11/74-09/28/81	149	9.	183.02	20000.	0.	2693504.074	1641.19	1.	3.	28.	116.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/11/74-09/28/81	149	0.954	1.035	4.301	0.	0.581	0.762	0.	0.477	1.447	2.064
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			10.827								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	301	1.	8.734	560.	0.	1884.521	43.411	0.	0.	3.	11.8
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	301	0.	0.318	2.748	-0.301	0.265	0.515	0.	0.	0.477	1.072
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			2.078								
31649	ENTEROCOCCI- ME-MF N0/100ML	05/16/85-08/23/94	118	0.	4.017	260.	0.	582.239	24.13	0.	0.	2.	6.1
31649	LOG ENTEROCOCCI- ME-MF N0/1	05/16/85-08/23/94	118	0.	0.203	2.415	0.	0.152	0.39	0.	0.	0.301	0.785
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.597								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/20/77-09/07/77	2 ##	3.	3.	5.	1.	8.	2.828	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/20/77-09/07/77	2 ##	0.349	0.349	0.699	0.	0.244	0.494	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			2.236								
71220	PSEUDOMONAS AERUGINOSA,MF IN WATER,MPA MED,/100ML	06/25/91-08/27/91	9	0.	0.444	4.	0.	1.778	1.333	0.	0.	0.	4.
71220	LOG PSEUDOMONAS AERUGINOSA,MF IN WATER,MPA MED,/10	06/25/91-08/27/91	9	0.	0.067	0.602	0.	0.04	0.201	0.	0.	0.	0.602
71220	GM PSEUDOMONAS AERUGINOSA,MF IN WATER,MPA MED,/100	GEOMETRIC MEAN =			1.167								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0026

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	149	2	0.01	54	1	0.02	16	0	0.00	79	1	0.01			
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	301	3	0.01	106	2	0.02	16	0	0.00	179	1	0.01			
31649	ENTEROCOCCI, ME, MF	Other-Hi Lim.	35.	118	1	0.01	37	0	0.00				81	1	0.01			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1974 - Station GATE0026

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/11/74-09/28/81	15	19.	76.333	800.	1.	41116.381	202.772	2.2	4.	25.	389.6
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/11/74-09/28/81	15	1.279	1.206	2.903	0.	0.506	0.712	0.286	0.602	1.398	2.4
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			16.065								
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	15	5.	27.333	304.	0.5	5956.631	77.179	0.5	1.	11.	145.6
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	15	0.699	0.69	2.483	-0.301	0.551	0.742	-0.301	0.	1.041	1.954
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			4.903								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GATE0026

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/11/74-09/28/81	14	4.	6.786	28.	0.	53.874	7.34	0.5	2.	9.	21.5
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/11/74-09/28/81	14	0.588	0.644	1.447	0.	0.183	0.428	0.	0.301	0.954	1.312
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.403								
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	14	1.	1.714	8.	0.	4.989	2.234	0.	0.	2.	6.5
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	14	0.	0.179	0.903	0.	0.087	0.295	0.	0.	0.301	0.801
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.51								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station GATE0026

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/11/74-09/28/81	19	12.	1093.737	20000.	0.	20964568.205	4578.708	0.	7.	100.	180.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/11/74-09/28/81	19	1.079	1.365	4.301	0.	0.965	0.982	0.	0.845	2.	2.255
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			23.148								
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	19	3.	8.368	46.	0.	188.468	13.728	0.	1.	7.	46.
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	19	0.477	0.587	1.663	0.	0.266	0.516	0.	0.	0.845	1.663
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			3.868								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GATE0026

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/11/74-09/28/81	40	28.	93.7	1380.	0.	54659.344	233.793	1.1	3.25	83.	188.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/11/74-09/28/81	40	1.447	1.298	3.14	0.	0.666	0.816	0.03	0.508	1.919	2.274
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			19.875								
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	40	2.5	32.225	560.	0.	10258.128	101.282	0.	0.	12.	79.1
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	40	0.389	0.637	2.748	0.	0.548	0.74	0.	0.	1.074	1.886
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			4.335								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GATE0026

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/11/74-09/28/81	15	7.	50.733	560.	0.	20554.495	143.368	0.	3.	14.	288.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/11/74-09/28/81	15	0.845	0.918	2.748	0.	0.54	0.735	0.	0.477	1.146	2.319
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			8.275								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GATE0026

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	15	1.	14.933	180.	0.	2142.067	46.282	0.	0.	2.	90.
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	15	0.	0.369	2.255	0.	0.425	0.652	0.	0.	0.301	1.788
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			2.34								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station GATE0026

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/11/74-09/28/81	19	6.	25.	160.	0.	2358.667	48.566	0.	2.	16.	160.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/11/74-09/28/81	19	0.778	0.851	2.204	0.	0.482	0.694	0.	0.301	1.204	2.204
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			7.097								
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	19	0.	5.158	72.	0.	275.474	16.597	0.	0.	2.	16.
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	19	0.	0.227	1.857	0.	0.248	0.498	0.	0.	0.301	1.204
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.687								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GATE0026

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/11/74-09/28/81	16	6.	5.875	21.	0.	25.983	5.097	0.	2.25	8.	12.6
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/11/74-09/28/81	16	0.778	0.633	1.322	0.	0.155	0.394	0.	0.345	0.903	1.065
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.298								
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	16	2.	3.188	18.	0.	18.829	4.339	0.	0.25	4.	8.9
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	16	0.301	0.365	1.255	0.	0.134	0.366	0.	0.	0.602	0.866
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			2.317								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station GATE0026

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/11/74-09/28/81	11	8.	15.545	92.	1.	680.873	26.094	1.2	2.	16.	76.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/11/74-09/28/81	11	0.903	0.829	1.964	0.	0.327	0.572	0.06	0.301	1.204	1.812
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			6.739								
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	11	1.	1.636	6.	0.	5.055	2.248	0.	0.	2.	6.
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	11	0.	0.169	0.778	0.	0.099	0.314	0.	0.	0.301	0.778
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.475								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station GATE0026

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	10	0.	7.1	68.	0.	458.1	21.403	0.	0.	1.	61.3
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	10	0.	0.183	1.833	0.	0.336	0.579	0.	0.	0.	1.649
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.525								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station GATE0026

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	13	0.	0.462	5.	0.	1.936	1.391	0.	0.	0.	3.4
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	13	0.	0.054	0.699	0.	0.038	0.194	0.	0.	0.	0.419
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.132								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GATE0026

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	10	0.	0.7	3.	0.	1.122	1.059	0.	0.	1.25	2.9
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	10	0.	0.078	0.477	0.	0.029	0.169	0.	0.	0.075	0.46
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.196								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GATE0026

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	10	0.	1.5	5.	0.	4.278	2.068	0.	0.	4.	4.9
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	10	0.	0.22	0.699	0.	0.091	0.302	0.	0.	0.602	0.689
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.661								
31649	ENTEROCOCCI- ME-MF N0/100ML	05/16/85-08/23/94	9	1.	5.	32.	0.	107.25	10.356	0.	0.	4.5	32.
31649	LOG ENTEROCOCCI- ME-MF N0/1	05/16/85-08/23/94	9	0.	0.328	1.505	0.	0.274	0.524	0.	0.	0.573	1.505
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			2.128								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GATE0026

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	12	0.	1.833	10.	0.	11.061	3.326	0.	0.	4.	8.8
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	12	0.	0.206	1.	0.	0.144	0.379	0.	0.	0.524	0.933
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.609								
31649	ENTEROCOCCI- ME-MF N0/100ML	05/16/85-08/23/94	12	0.5	2.583	19.	0.	29.72	5.452	0.	0.	2.	15.1
31649	LOG ENTEROCOCCI- ME-MF N0/1	05/16/85-08/23/94	12	0.	0.222	1.279	0.	0.167	0.408	0.	0.	0.301	1.129
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.666								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GATE0026

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	15	1.	1.667	8.	0.	6.095	2.469	0.	0.	2.	6.8
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	15	0.	0.192	0.903	0.	0.101	0.317	0.	0.	0.301	0.828
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.557								
31649	ENTEROCOCCI- ME-MF N0/100ML	05/16/85-08/23/94	15	1.	1.067	5.	0.	1.781	1.335	0.	0.	2.	3.2
31649	LOG ENTEROCOCCI- ME-MF N0/1	05/16/85-08/23/94	15	0.	0.107	0.699	0.	0.042	0.205	0.	0.	0.301	0.46
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.279								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GATE0026

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	14	1.	3.571	21.	0.	37.033	6.085	0.	0.	4.75	16.5
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	14	0.	0.318	1.322	0.	0.212	0.46	0.	0.	0.663	1.201
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			2.079								
31649	ENTEROCOCCI- ME-MF N0/100ML	05/16/85-08/23/94	14	2.	3.786	15.	0.	22.335	4.726	0.	0.	7.25	13.
31649	LOG ENTEROCOCCI- ME-MF N0/1	05/16/85-08/23/94	14	0.301	0.412	1.176	0.	0.18	0.425	0.	0.	0.86	1.109
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			2.584								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0026

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	6	2.5	6.167	26.	0.	96.167	9.806	**	**	**	**
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	6	0.389	0.516	1.415	0.	0.235	0.485	**	**	**	**
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			3.281								
31649	ENTEROCOCCI- ME-MF N0/100ML	05/16/85-08/23/94	6	0.5	1.667	7.	0.	7.467	2.733	**	**	**	**
31649	LOG ENTEROCOCCI- ME-MF N0/1	05/16/85-08/23/94	6	0.	0.191	0.845	0.	0.117	0.342	**	**	**	**
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.552								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0026

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	10	1.	1.	3.	0.	1.111	1.054	0.	0.	2.	2.9
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	10	0.	0.108	0.477	0.	0.032	0.18	0.	0.	0.301	0.46
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.282								
31649	ENTEROCOCCI- ME-MF N0/100ML	05/16/85-08/23/94	10	2.	1.8	4.	0.	3.067	1.751	0.	0.	4.	4.
31649	LOG ENTEROCOCCI- ME-MF N0/1	05/16/85-08/23/94	10	0.301	0.271	0.602	0.	0.069	0.264	0.	0.	0.602	0.602
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.866								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0026

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	14	1.	1.857	12.	0.	10.286	3.207	0.	0.	2.	8.5
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	14	0.	0.17	1.079	0.	0.11	0.332	0.	0.	0.301	0.889
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.479								
31649	ENTEROCOCCI- ME-MF N0/100ML	05/16/85-08/23/94	14	0.	19.714	260.	0.	4786.989	69.188	0.	0.	3.	133.5
31649	LOG ENTEROCOCCI- ME-MF N0/1	05/16/85-08/23/94	14	0.	0.323	2.415	0.	0.434	0.658	0.	0.	0.477	1.63
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			2.101								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0026

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	14	0.	0.214	3.	0.	0.643	0.802	0.	0.	0.	1.5
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	14	0.	0.034	0.477	0.	0.016	0.128	0.	0.	0.	0.239
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.082								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0026

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31649	ENTEROCOCCI- ME-MF N0/100ML	05/16/85-08/23/94	14	0.	0.429	6.	0.	2.571	1.604	0.	0.	0.	3.
31649	LOG ENTEROCOCCI- ME-MF N0/1	05/16/85-08/23/94	14	0.	0.056	0.778	0.	0.043	0.208	0.	0.	0.	0.389
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.137								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station GATE0026

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	11	0.	2.636	22.	0.	42.655	6.531	0.	0.	1.	18.4
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	11	0.	0.177	1.342	0.	0.182	0.427	0.	0.	0.	1.194
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.502								
31649	ENTEROCOCCI- ME-MF N0/100ML	05/16/85-08/23/94	11	0.	0.091	1.	0.	0.091	0.302	0.	0.	0.	0.8
31649	LOG ENTEROCOCCI- ME-MF N0/1	05/16/85-08/23/94	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

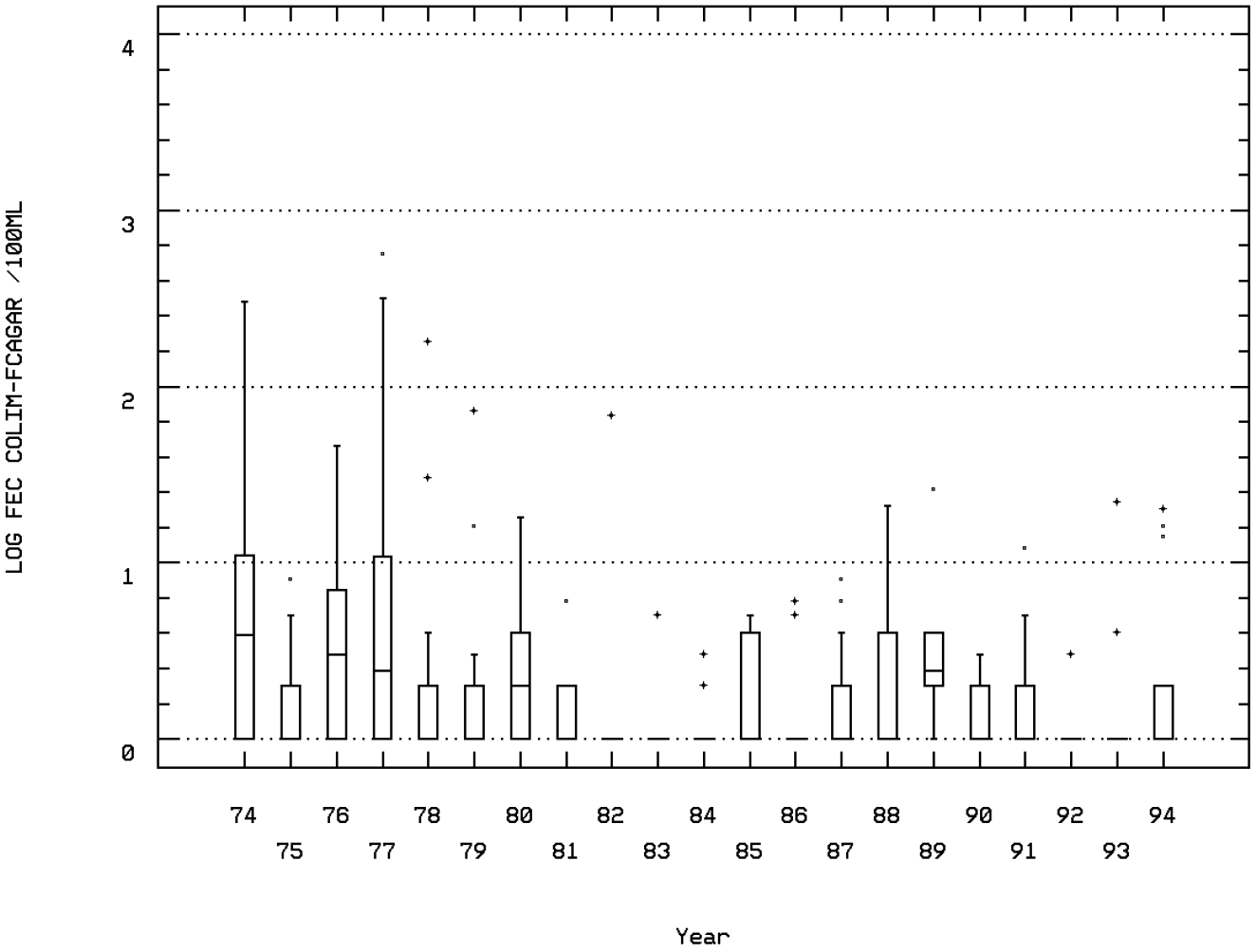
Annual Analysis for 1994 - Station GATE0026

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	13	0.	4.231	20.	0.	52.359	7.236	0.	0.	8.	18.4
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	13	0.	0.327	1.301	0.	0.27	0.52	0.	0.	0.724	1.262
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			2.124								
31649	ENTEROCOCCI- ME-MF N0/100ML	05/16/85-08/23/94	13	0.	1.385	12.	0.	12.923	3.595	0.	0.	0.	9.6
31649	LOG ENTEROCOCCI- ME-MF N0/1	05/16/85-08/23/94	13	0.	0.143	1.079	0.	0.125	0.354	0.	0.	0.	0.959
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.39								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: GATE0026 Parameter Code: 31613

LOG FECAL COLIFORM,MEMBR FILTER,M-FC AG



LONG ISLAND BEACHES

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0026

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/11/74-09/28/81	54	12.	83.13	1380.	0.	50653.36	225.063	2.	6.	64.	160.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/11/74-09/28/81	54	1.079	1.218	3.14	0.	0.544	0.737	0.301	0.778	1.806	2.204
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			16.508								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	106	1.	15.774	560.	0.	4219.453	64.957	0.	0.	5.	21.3
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	106	0.	0.425	2.748	0.	0.378	0.615	0.	0.	0.699	1.328
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			2.662								
31649	ENTEROCOCCI- ME-MF N0/100ML	05/16/85-08/23/94	37	0.	1.73	19.	0.	14.536	3.813	0.	0.	2.	6.4
31649	LOG ENTEROCOCCI- ME-MF N0/1	05/16/85-08/23/94	37	0.	0.176	1.279	0.	0.112	0.335	0.	0.	0.301	0.803
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.499								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0026

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/11/74-09/28/81	16	30.	53.563	180.	0.	3781.196	61.491	1.4	4.	81.	168.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/11/74-09/28/81	16	1.476	1.323	2.255	0.	0.541	0.736	0.211	0.569	1.908	2.227
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			21.014								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	16	4.	8.563	46.	0.	146.263	12.094	0.	1.	10.5	32.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	16	0.588	0.624	1.663	0.	0.301	0.549	0.	0.	1.02	1.489
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			4.205								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0026

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/11/74-09/28/81	79	6.	277.519	20000.	0.	5056215.612	2248.603	0.	2.	16.	84.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/11/74-09/28/81	79	0.778	0.851	4.301	0.	0.554	0.744	0.	0.301	1.204	1.924
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			7.095								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	179	0.5	4.581	316.	0.	627.972	25.059	0.	0.	2.	5.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	179	-0.301	0.227	2.5	-0.301	0.175	0.419	0.	0.	0.301	0.699
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.685								
31649	ENTEROCOCCI- ME-MF N0/100ML	05/16/85-08/23/94	81	0.	5.062	260.	0.	841.459	29.008	0.	0.	2.	6.8
31649	LOG ENTEROCOCCI- ME-MF N0/1	05/16/85-08/23/94	81	0.	0.216	2.415	0.	0.172	0.415	0.	0.	0.301	0.832
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.644								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0027

NPS Station ID: GATE0027 LAT/LON: 40.582781/ -73.813892 Agency: 11NYBGHT Date Created: 04/06/96
Location: LONG ISLAND BEACHES- HOLLAND AREA FIPS State/County: 36081 NEW YORK/QUEENS
Station Type: /TYPA/AMBNT/OCEAN/NRSHRE/NET STORET Station ID(s): LIC04 /LIC4 /LIC-4
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02030202 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON- NEW YORK METRO AREA ECO Region:
RF1 Index: 02030202028 RF1 Mile Point: 8.000 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:
ATLANTIC OCEAN- NEW YORK BIGHT SURVEILLANCE NETWORK(CURRENT) HOLLAND AREA. OFF FOOT OF B92 ST.

Parameter Inventory for Station: GATE0027

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	05/25/95-08/27/96	23	1.	5.913	47.	0.	117.719	10.85	0.	0.	6.	21.4
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	05/25/95-08/27/96	23	0.	0.435	1.672	0.	0.28	0.529	0.	0.	0.778	1.32
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			2.723								
31649	ENTEROCOCCI- ME-MF N0/100ML	05/30/95-08/27/96	21	0.	2.286	24.	0.	27.914	5.283	0.	0.	3.	5.6
31649	LOG ENTEROCOCCI- ME-MF N0/1	05/30/95-08/27/96	21	0.	0.22	1.38	0.	0.138	0.372	0.	0.	0.477	0.743
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.659								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0027

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	23	0	0.00	7	0	0.00				16	0	0.00			
31649	ENTEROCOCCI, ME, MF	Other-Hi Lim.	33.	21	0	0.00	7	0	0.00				14	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0028

NPS Station ID: GATE0028
LAT/LON: 40.580003/ -73.813892
Agency: 1111H030
Date Created: / /
Location: 400YDS OFF SHORE AND STA LIC04
FIPS State/County: 36081 NEW YORK/
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): LIC04B /LIC-04B /LIC4B /LIC-4B
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC:
Depth of Water: 21
Aquifer:
Major Basin: ATLANTIC OCEAN
Elevation: 0
Water Body Id:
Minor Basin: OFF L I BEACHES AT ROCKAWAY BEACH
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202002709.04
RF3 Mile Point: 11.26
Distance from RF3: 0.19
On/Off RF3:
Description:
JAMAICA BAY STUDY-TO DETERMINE THE EFFECT OF SEASONAL CHLORINATION OF TREATMENT PLANT EFFLUENTS ON JAMAICA BAY COLIFORM POPULATIONS. THE PLANT EFFLUENTS ARE CHLORINATED FROM MAY 15 THRU SEPT 30. THE STUDY WAS DIVIDED INTO 2 PHASES OVER AN 8 MONTH PERIOD - MARCH TO OCTOBER 1968 PHASE I - INTENSIVE SURVEY FROM MARCH 26 TO MAY 15 TO DETERMINE NORMAL OR BACKGROUND LEVELS OF COLIFORMS THEN FROM MAY 25 TO JUNE 28 TO DETER- MINE RESPONSE TIME AMD NEW LEVELS OF COLIFORMS. PHASE II - SURVEILLANCE STUDY- FROM SEPT 4 TO SEPT 30 TO DETERMINE BACK- GROUNG LEVELS DURING CHLORINATION THEN FROM SEPT 30 TO OCT 24 TO DETER- MINE RESPONSE TIME AND NEW COLIFORM LEVELS AFTER CHLORINATION STOPPED.

Parameter Inventory for Station: GATE0028

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GATE0029

NPS Station ID: GATE0029
LAT/LON: 40.660837/ -73.814727
Agency: 21NYDECB
Date Created: 03/30/96
Location: Bergen Basin off Jamaica Bay
FIPS State/County: 36081 NEW YORK/QUEENS
Station Type: /TYPA/AMBNT/ESTURY/NET
STORET Station ID(s): 17011B11
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030202
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id: NY00000 Bergen Basin off
Minor Basin: L.HUDSON - NYC
ECO Region:
RF1 Index: 02030202
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0029

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GATE0030

NPS Station ID: GATE0030
LAT/LON: 40.605559/ -73.815560
Agency: 31ISC2RS
Date Created: 11/07/81
Location: JAMAICA BAY
FIPS State/County: 36081 NEW YORK/QUEENS
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): JB-08 /JB08 /1008
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02030202
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METROPOLITAN AREA
ECO Region:
RF1 Index: 02030202028
RF1 Mile Point: 20.410
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02030202002821.05
RF3 Mile Point: 28.23
Distance from RF3: 0.06
On/Off RF3:
Description:
AICA BAY UNDER CENTER OF RAILROAD TRESTLE

Parameter Inventory for Station: GATE0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/13/74-05/26/82	82	18.65	15.829	28.8	0.	67.036	8.188	2.85	8.1	22.425	25.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-05/26/82	76	2.	2.526	7.	0.	1.479	1.216	1.	2.	3.	4.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-05/26/82	74	41250.	40932.432	50000.	30000.	22964961.126	4792.177	34500.	37000.	44000.	47500.
00300	OXYGEN, DISSOLVED MG/L	08/13/74-05/26/82	83	7.2	8.342	15.6	4.2	8.309	2.883	5.4	6.3	10.2	13.12
00310	BOD, 5 DAY, 20 DEG C MG/L	08/13/74-02/22/82	50	3.55	4.212	9.6	0.7	5.597	2.366	1.06	2.575	6.45	7.79
00400	PH (STANDARD UNITS)	02/19/75-05/26/82	64	7.6	7.714	8.6	7.	0.151	0.389	7.3	7.4	7.9	8.4
00400	CONVERTED PH (STANDARD UNITS)	02/19/75-05/26/82	64	7.6	7.573	8.6	7.	0.171	0.414	7.3	7.4	7.9	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/19/75-05/26/82	64	0.025	0.027	0.1	0.003	0.	0.02	0.004	0.013	0.04	0.05
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/14/79-05/26/82	28	12.	13.786	67.	0.	190.101	13.788	1.9	5.5	14.5	29.7
00560	OIL & GREASE (FREON EXTR.-IR METHOD) TOT,REC,MG/L	08/13/75-05/26/82	14	0.3	0.421	1.6	0.	0.239	0.489	0.	0.1	0.5	1.5
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/13/74-05/26/82	49	0.41	0.483	1.11	0.02	0.09	0.3	0.11	0.26	0.725	0.96
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/13/74-12/10/75	12	0.095	0.094	0.16	0.04	0.002	0.04	0.043	0.053	0.118	0.16
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/13/74-12/10/75	11	0.59	0.851	1.91	0.44	0.234	0.483	0.452	0.56	0.92	1.854
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/22/76-02/22/82	30	0.705	0.703	1.27	0.24	0.076	0.276	0.287	0.498	0.92	1.119
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/14/76-05/26/82	37	0.17	0.23	0.8	0.02	0.03	0.174	0.058	0.125	0.28	0.536
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/22/76-05/26/82	36	0.16	0.175	0.47	0.07	0.008	0.087	0.077	0.11	0.228	0.273
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/13/74-05/26/82	38	0.105	0.136	0.7	0.005	0.015	0.122	0.029	0.058	0.193	0.251
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/13/74-05/26/82	74	10.	11.243	22.	4.	18.214	4.268	6.	8.	14.	17.5
00690	CARBON, TOTAL (MG/L AS C)	08/13/74-05/26/82	78	33.	33.295	48.	25.	12.34	3.513	29.	31.	35.	38.
00940	CHLORIDE,TOTAL IN WATER MG/L	08/13/74-04/09/75	11	14500.	14372.727	15600.	12800.	940181.818	969.63	12840.	13300.	15100.	15560.
01000	ARSENIC, DISSOLVED (UG/L AS AS)	04/23/79-04/23/79	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	12/10/75-07/08/81	6 ##	2.5	2.833	5.	1.	4.167	2.041	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	04/14/76-02/22/82	16 ##	0.25	0.469	2.	0.25	0.207	0.455	0.25	0.25	0.5	1.3
01027	CADMIUM, TOTAL (UG/L AS CD)	08/13/74-02/22/82	27	1.	2.15	17.	0.25	13.727	3.705	0.25	0.25	2.	7.6
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	04/14/76-02/22/82	16 ##	2.5	2.063	5.	0.5	1.329	1.153	0.5	1.	2.5	3.25
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/13/74-02/22/82	27 ##	2.5	3.278	10.	0.5	4.006	2.002	0.5	2.5	5.	6.
01035	COBALT, DISSOLVED (UG/L AS CO)	07/22/76-02/22/82	11 ##	0.5	1.136	5.	0.5	2.205	1.485	0.5	0.5	0.5	4.6
01037	COBALT, TOTAL (UG/L AS CO)	12/05/74-02/22/82	15 ##	0.5	2.933	9.	0.5	9.21	3.035	0.5	0.5	6.	7.8
01040	COPPER, DISSOLVED (UG/L AS CU)	04/14/76-02/22/82	15	19.	18.267	35.	3.	109.352	10.457	4.2	10.	27.	34.4
01042	COPPER, TOTAL (UG/L AS CU)	08/13/74-02/22/82	28	32.5	40.893	163.	6.	1229.136	35.059	7.9	13.75	55.75	73.2
01045	IRON, TOTAL (UG/L AS FE)	12/05/74-02/22/82	15	88.	109.333	225.	48.	3066.524	55.376	52.8	67.	166.	201.6
01046	IRON, DISSOLVED (UG/L AS FE)	07/22/76-02/22/82	11	19.	24.	68.	3.	416.4	20.406	3.4	7.	40.	62.6
01049	LEAD, DISSOLVED (UG/L AS PB)	04/14/76-02/22/82	16	5.	6.406	20.	2.5	27.474	5.242	2.5	2.5	10.	16.5
01051	LEAD, TOTAL (UG/L AS PB)	08/13/74-02/22/82	27	10.	17.333	50.	2.5	186.135	13.643	4.5	10.	30.	45.
01065	NICKEL, DISSOLVED (UG/L AS NI)	04/14/76-02/22/82	16	5.	5.094	10.	2.5	6.074	2.465	2.5	2.5	5.75	10.
01067	NICKEL, TOTAL (UG/L AS NI)	08/13/74-02/22/82	27	10.	15.13	85.	2.5	314.146	17.724	5.	5.	15.	40.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GATE0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01075	SILVER, DISSOLVED (UG/L AS AG)	07/22/76-02/22/82	11 ##	0.5	0.727	1.	0.5	0.068	0.261	0.5	0.5	1.	1.
01077	SILVER, TOTAL (UG/L AS AG)	12/05/74-02/22/82	15	1.	2.433	11.	0.5	12.352	3.515	0.5	1.	2.	11.
01090	ZINC, DISSOLVED (UG/L AS ZN)	04/14/76-02/22/82	13	25.	29.385	65.	3.	270.423	16.445	5.8	20.5	38.5	59.4
01092	ZINC, TOTAL (UG/L AS ZN)	08/13/74-02/22/82	28	52.	70.393	275.	11.	2789.877	52.819	22.2	35.75	90.5	124.8
01100	TIN, DISSOLVED (UG/L AS SN)	03/09/77-07/08/81	9 ##	25.	25.	25.	25.	0.	0.	25.	25.	25.	25.
01102	TIN, TOTAL (UG/L AS SN)	12/05/74-07/08/81	11 ##	25.	27.545	53.	25.	71.273	8.442	25.	25.	25.	47.4
01105	ALUMINUM, TOTAL (UG/L AS AL)	12/05/74-02/22/82	13	40.	54.308	120.	5.	1486.897	38.56	9.8	20.	85.5	116.
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/22/76-02/22/82	11	30.	26.545	40.	5.	137.873	11.742	6.	20.	40.	40.
31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	06/08/77-05/26/82	27	1500.	9850.222	100000.	45.	690865061.718	26284.312	50.	140.	4500.	34400.
31504	LOG COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,	06/08/77-05/26/82	27	3.176	3.029	5.	1.653	0.926	0.962	1.699	2.146	3.653	4.404
31504	GM COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,3	GEOMETRIC MEAN =			1070.203								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	08/13/74-05/26/82	55	280.	5292.527	100000.	10.	409425451.624	20234.264	26.	60.	1200.	2480.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	08/13/74-05/26/82	55	2.447	2.488	5.	1.	0.79	0.889	1.407	1.778	3.079	3.394
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			307.951								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/27/74-08/11/81	34	20.	34.588	132.	0.	1160.007	34.059	3.	10.	57.	85.5
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	08/27/74-08/11/81	34	2.5	4.735	19.	0.	36.504	6.042	0.	0.	6.75	17.
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	08/27/74-08/11/81	34	16.	30.618	146.	0.	1674.061	40.915	0.5	5.5	34.5	120.5
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	08/27/75-09/17/81	7 ##	0.5	1.714	6.	0.5	4.071	2.018	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	08/13/74-02/22/82	25	0.1	0.154	0.7	0.05	0.024	0.154	0.05	0.05	0.2	0.38

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0030

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	76	0	0.00	23	0	0.00	21	0	0.00	32	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	83	0	0.00	28	0	0.00	23	0	0.00	32	0	0.00			
00400	PH	Other-Hi Lim.	8.5	64	3	0.05	18	0	0.00	18	3	0.17	28	0	0.00			
		Other-Lo Lim.	6.5	64	0	0.00	18	0	0.00	18	0	0.00	28	0	0.00			
01000	ARSENIC, DISSOLVED	Marine Acute	69.	1	0	0.00							1	0	0.00			
01002	ARSENIC, TOTAL	Marine Acute	69.	6	0	0.00	1	0	0.00	3	0	0.00	2	0	0.00			
01025	CADMIUM, DISSOLVED	Marine Acute	43.	16	0	0.00	5	0	0.00	6	0	0.00	5	0	0.00			
01027	CADMIUM, TOTAL	Marine Acute	43.	27	0	0.00	9	0	0.00	10	0	0.00	8	0	0.00			
01040	COPPER, DISSOLVED	Marine Acute	2.9	15	15	1.00	4	4	1.00	6	6	1.00	5	5	1.00			
01042	COPPER, TOTAL	Marine Acute	2.9	28	28	1.00	10	10	1.00	10	10	1.00	8	8	1.00			
01049	LEAD, DISSOLVED	Marine Acute	220.	16	0	0.00	5	0	0.00	6	0	0.00	5	0	0.00			
01051	LEAD, TOTAL	Marine Acute	220.	27	0	0.00	9	0	0.00	10	0	0.00	8	0	0.00			
01065	NICKEL, DISSOLVED	Marine Acute	75.	16	0	0.00	5	0	0.00	6	0	0.00	5	0	0.00			
01067	NICKEL, TOTAL	Marine Acute	75.	27	1	0.04	9	1	0.11	10	0	0.00	8	0	0.00			
01075	SILVER, DISSOLVED	Marine Acute	0.12	5 &	5	1.00	2	2	1.00	3	3	1.00						
01077	SILVER, TOTAL	Marine Acute	0.12	12 &	12	1.00	4	4	1.00	6	6	1.00	2	2	1.00			
01090	ZINC, DISSOLVED	Marine Acute	95.	13	0	0.00	4	0	0.00	5	0	0.00	4	0	0.00			
01092	ZINC, TOTAL	Marine Acute	95.	28	6	0.21	10	2	0.20	10	3	0.30	8	1	0.13			
31504	COLIFORM,TOT,MEMBRANE FILTR,IMMED. LES-E	Other-Hi Lim.	1000.	27	15	0.56	11	3	0.27	8	7	0.88	8	5	0.63			
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	55	32	0.58	19	5	0.26	16	14	0.88	20	13	0.65			
71900	MERCURY, TOTAL	Marine Acute	2.1	25	0	0.00	10	0	0.00	9	0	0.00	6	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1974 - Station GATE0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/13/74-05/26/82	7	14.4	14.871	23.	5.6	41.609	6.451	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-05/26/82	3	46000.	44333.333	47000.	40000.	14333333.333	3785.939	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/13/74-05/26/82	7	6.7	7.114	10.2	4.5	4.565	2.137	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/13/74-05/26/82	6	11.	11.667	17.	6.	19.067	4.367	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	08/13/74-05/26/82	7	37.	37.429	48.	31.	30.952	5.563	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GATE0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/13/74-05/26/82	13	18.	15.769	26.8	3.2	84.939	9.216	3.2	6.5	24.4	26.28
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-05/26/82	14	2.	3.286	7.	1.	4.066	2.016	1.5	2.	4.5	7.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-05/26/82	13	36000.	36923.077	44000.	33000.	8243589.744	2871.165	33400.	35000.	38500.	42400.
00300	OXYGEN, DISSOLVED MG/L	08/13/74-05/26/82	14	7.4	8.286	14.2	4.4	9.82	3.134	4.5	5.85	11.	13.7
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/13/74-05/26/82	10	11.5	12.3	17.	9.	7.122	2.669	9.1	10.	14.5	16.9
00690	CARBON, TOTAL (MG/L AS C)	08/13/74-05/26/82	13	34.	35.154	39.	31.	7.141	2.672	31.4	33.5	38.	39.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station GATE0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/13/74-05/26/82	9	22.	19.7	26.	7.5	44.123	6.642	7.5	14.4	24.75	26.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-05/26/82	9	2.	2.444	4.	2.	0.528	0.726	2.	2.	3.	4.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-05/26/82	8	40000.	38937.5	43000.	32000.	12888392.857	3590.041	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/13/74-05/26/82	9	6.8	7.733	14.	5.6	7.3	2.702	5.6	6.2	8.7	14.
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/13/74-05/26/82	9	10.	9.667	13.	6.	6.	2.449	6.	7.5	12.	13.
00690	CARBON, TOTAL (MG/L AS C)	08/13/74-05/26/82	9	35.	35.222	38.	33.	3.694	1.922	33.	33.5	37.	38.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GATE0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/13/74-05/26/82	11	16.5	15.582	25.6	1.5	55.11	7.424	2.2	12.	22.	24.96
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-05/26/82	11	3.	2.818	4.	2.	0.364	0.603	2.	2.	3.	3.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-05/26/82	9	42500.	41333.333	45000.	37000.	7187500.	2680.951	37000.	38500.	43000.	45000.
00300	OXYGEN, DISSOLVED MG/L	08/13/74-05/26/82	11	6.6	7.709	13.4	4.2	9.091	3.015	4.24	6.	9.	13.28
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/13/74-05/26/82	9	8.	8.556	12.	6.	3.528	1.878	6.	7.	10.	12.
00690	CARBON, TOTAL (MG/L AS C)	08/13/74-05/26/82	10	33.	33.	37.	30.	3.556	1.886	30.1	31.75	34.	36.7

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GATE0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/13/74-05/26/82	11	21.	17.609	28.8	0.	74.505	8.632	1.56	12.4	24.2	28.24
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-05/26/82	11	2.	2.273	5.	1.	1.018	1.009	1.2	2.	2.	4.6
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-05/26/82	11	40200.	39045.455	45500.	30000.	22800727.273	4775.011	30400.	35500.	42000.	45000.
00300	OXYGEN, DISSOLVED MG/L	08/13/74-05/26/82	11	7.2	8.627	15.	5.4	9.976	3.159	5.56	6.8	9.6	14.84

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GATE0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/13/74-05/26/82	11	9.	8.636	14.	5.	6.655	2.58	5.2	7.	9.	13.6
00690	CARBON, TOTAL (MG/L AS C)	08/13/74-05/26/82	11	30.	30.455	33.	28.	2.473	1.572	28.2	29.	31.	33.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station GATE0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/13/74-05/26/82	10	17.	15.43	25.	1.8	68.127	8.254	2.12	8.75	23.375	24.95
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-05/26/82	10	2.5	2.5	3.	2.	0.278	0.527	2.	2.	3.	3.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-05/26/82	9	41500.	41833.333	47000.	37000.	9812500.	3132.491	37000.	39750.	44250.	47000.
00300	OXYGEN, DISSOLVED MG/L	08/13/74-05/26/82	10	8.3	8.86	12.6	5.4	7.325	2.706	5.46	6.45	11.55	12.54
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/13/74-05/26/82	9	11.	10.444	15.	4.	14.778	3.844	4.	7.5	14.	15.
00690	CARBON, TOTAL (MG/L AS C)	08/13/74-05/26/82	9	32.	32.667	38.	27.	15.	3.873	27.	29.	36.5	38.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GATE0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/13/74-05/26/82	8	18.25	13.75	26.	0.	120.	10.954	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-05/26/82	8	2.	2.	3.	1.	0.571	0.756	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-05/26/82	8	43000.	42250.	50000.	31000.	28785714.286	5365.232	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/13/74-05/26/82	8	7.9	9.113	14.4	7.2	6.273	2.505	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/13/74-05/26/82	7	11.	10.714	16.	6.	13.238	3.638	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	08/13/74-05/26/82	6	32.	32.5	37.	30.	5.9	2.429	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station GATE0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/13/74-05/26/82	10	19.5	15.92	24.5	2.	62.408	7.9	2.25	8.625	22.	24.25
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-05/26/82	10	2.	2.3	5.	1.	1.344	1.16	1.	1.75	3.	4.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-05/26/82	10	48000.	46750.	50000.	39000.	12402777.778	3521.758	39500.	44000.	50000.	50000.
00300	OXYGEN, DISSOLVED MG/L	08/13/74-05/26/82	10	7.	8.	13.	5.4	7.098	2.664	5.43	5.925	10.45	12.88
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/13/74-05/26/82	10	18.	18.6	22.	15.	5.822	2.413	15.1	16.75	21.25	22.
00690	CARBON, TOTAL (MG/L AS C)	08/13/74-05/26/82	10	33.	32.	35.	27.	4.889	2.211	27.3	30.75	33.	34.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station GATE0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/13/74-05/26/82	3	5.3	7.667	15.	2.7	42.023	6.483	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-05/26/82	3	1.	1.333	3.	0.	2.333	1.528	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-05/26/82	3	44000.	40333.333	45000.	32000.	52333333.333	7234.178	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/13/74-05/26/82	3	13.	11.933	15.6	7.2	18.493	4.3	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/13/74-05/26/82	3	10.	8.333	11.	4.	14.333	3.786	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	08/13/74-05/26/82	3	29.	29.	33.	25.	16.	4.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/13/74-05/26/82	27	22.4	21.948	28.8	13.4	13.676	3.698	17.28	19.	25.	26.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-05/26/82	23	2.	2.174	3.	1.	0.241	0.491	2.	2.	2.	3.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-05/26/82	22	43000.	42704.545	50000.	34000.	13171883.117	3629.309	37600.	40150.	45125.	47700.
00300	OXYGEN, DISSOLVED MG/L	08/13/74-05/26/82	28	6.4	6.289	8.	4.2	0.928	0.963	4.59	5.45	6.875	7.62
00310	BOD, 5 DAY, 20 DEG C MG/L	08/13/74-02/22/82	17	2.9	2.947	4.5	1.	0.934	0.966	1.48	2.25	3.7	4.34
00400	PH (STANDARD UNITS)	02/19/75-05/26/82	18	7.5	7.489	7.9	7.	0.043	0.208	7.18	7.375	7.6	7.72
00400	CONVERTED PH (STANDARD UNITS)	02/19/75-05/26/82	18	7.5	7.439	7.9	7.	0.046	0.215	7.18	7.375	7.6	7.72
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/19/75-05/26/82	18	0.032	0.036	0.1	0.013	0.	0.02	0.019	0.025	0.042	0.067
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/13/74-05/26/82	16	0.585	0.537	1.1	0.18	0.077	0.278	0.222	0.273	0.688	1.03
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/14/76-05/26/82	11	0.23	0.25	0.8	0.05	0.039	0.197	0.064	0.14	0.27	0.698
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/13/74-05/26/82	13	0.16	0.168	0.26	0.04	0.004	0.065	0.06	0.125	0.22	0.256
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/13/74-05/26/82	28	9.5	11.107	21.	4.	20.618	4.541	6.	7.25	15.5	18.1
00690	CARBON, TOTAL (MG/L AS C)	08/13/74-05/26/82	27	34.	34.519	48.	29.	16.028	4.004	30.	32.	37.	39.2
01027	CADMIUM, TOTAL (UG/L AS CD)	08/13/74-02/22/82	9	1.	2.111	10.	0.25	10.267	3.204	0.25	0.25	3.	10.
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/13/74-02/22/82	10 ##	2.75	3.75	10.	0.5	6.625	2.574	0.7	2.5	5.	9.5
01042	COPPER, TOTAL (UG/L AS CU)	08/13/74-02/22/82	10	47.5	38.8	65.	7.	493.956	22.225	7.3	10.	56.	64.1
01051	LEAD, TOTAL (UG/L AS PB)	08/13/74-02/22/82	9	10.	18.056	45.	2.5	221.528	14.884	2.5	7.5	32.5	45.
01067	NICKEL, TOTAL (UG/L AS NI)	08/13/74-02/22/82	9	10.	22.833	85.	2.5	719.125	26.817	2.5	6.5	37.5	85.
01092	ZINC, TOTAL (UG/L AS ZN)	08/13/74-02/22/82	10	81.	75.8	150.	23.	1255.956	35.439	25.4	49.25	92.	144.5
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	08/13/74-05/26/82	19	50.	280.947	2700.	10.	416942.053	645.711	10.	30.	240.	1200.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	08/13/74-05/26/82	19	1.699	1.87	3.431	1.	0.416	0.645	1.	1.477	2.38	3.079
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			74.081								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/27/74-08/11/81	10	15.5	24.3	88.	9.	559.122	23.646	9.1	11.5	28.5	82.5
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	08/27/74-08/11/81	10	1.5	5.3	18.	0.	44.456	6.667	0.	0.75	11.25	17.7
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	08/27/74-08/11/81	10	14.5	35.9	145.	0.	3106.322	55.734	0.1	4.75	46.25	144.2
71900	MERCURY, TOTAL (UG/L AS HG)	08/13/74-02/22/82	10	0.15	0.175	0.5	0.05	0.02	0.142	0.05	0.05	0.225	0.48

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/13/74-05/26/82	23	5.	5.209	15.	0.	16.088	4.011	0.4	2.	7.5	11.8
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-05/26/82	21	3.	2.952	7.	1.	2.648	1.627	1.	2.	3.5	5.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-05/26/82	20	40000.	39325.	50000.	30000.	31796710.526	5638.857	31100.	33750.	44000.	45950.
00300	OXYGEN, DISSOLVED MG/L	08/13/74-05/26/82	23	11.4	10.97	15.6	4.4	8.91	2.985	7.24	8.2	13.	14.76
00310	BOD, 5 DAY, 20 DEG C MG/L	08/13/74-02/22/82	15	5.2	4.58	8.4	0.7	7.383	2.717	0.82	1.8	6.8	8.34
00400	PH (STANDARD UNITS)	02/19/75-05/26/82	18	7.8	7.833	8.6	7.1	0.275	0.525	7.19	7.375	8.4	8.51
00400	CONVERTED PH (STANDARD UNITS)	02/19/75-05/26/82	18	7.789	7.581	8.6	7.1	0.343	0.585	7.19	7.375	8.4	8.51
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/19/75-05/26/82	18	0.016	0.026	0.079	0.003	0.001	0.025	0.003	0.004	0.042	0.065
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/13/74-05/26/82	15	0.52	0.525	1.11	0.08	0.124	0.352	0.098	0.16	0.8	1.074
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/14/76-05/26/82	11	0.29	0.325	0.59	0.05	0.033	0.182	0.06	0.19	0.53	0.584
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/13/74-05/26/82	9	0.05	0.048	0.09	0.005	0.001	0.032	0.005	0.015	0.08	0.09
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/13/74-05/26/82	21	10.	10.952	22.	6.	16.348	4.043	7.	8.	13.	17.6
00690	CARBON, TOTAL (MG/L AS C)	08/13/74-05/26/82	21	32.	31.857	35.	25.	5.229	2.287	29.	31.	33.5	34.
01027	CADMIUM, TOTAL (UG/L AS CD)	08/13/74-02/22/82	10	1.	1.525	7.	0.25	4.131	2.033	0.25	0.25	2.	6.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/13/74-02/22/82	10 ##	2.75	3.55	6.	0.5	3.358	1.833	0.7	2.5	5.25	6.
01042	COPPER, TOTAL (UG/L AS CU)	08/13/74-02/22/82	10	29.	40.8	120.	8.	1126.178	33.559	8.4	17.25	58.25	114.8
01051	LEAD, TOTAL (UG/L AS PB)	08/13/74-02/22/82	10	13.	19.3	50.	10.	178.9	13.375	10.	10.	30.	48.
01067	NICKEL, TOTAL (UG/L AS NI)	08/13/74-02/22/82	10	5.5	12.6	40.	5.	155.378	12.465	5.	5.	18.75	39.
01092	ZINC, TOTAL (UG/L AS ZN)	08/13/74-02/22/82	10	61.	86.7	275.	30.	5511.122	74.237	30.1	32.5	121.25	259.7
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	08/13/74-05/26/82	16	650.	4682.5	60000.	50.	218293966.667	14774.775	127.	307.5	2050.	19820.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	08/13/74-05/26/82	16	2.812	2.918	4.778	1.699	0.469	0.685	2.053	2.483	3.308	3.824
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			828.621								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/27/74-08/11/81	10	35.	46.9	132.	2.	2167.656	46.558	2.1	3.	86.5	128.5
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	08/27/74-08/11/81	10	2.5	5.4	18.	0.	47.822	6.915	0.	0.	11.5	17.8
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	08/27/74-08/11/81	10	34.	43.2	146.	1.	2212.844	47.041	1.3	5.5	62.	141.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71900	MERCURY, TOTAL (UG/L AS HG)	08/13/74-02/22/82	9	0.1	0.111	0.2	0.05	0.005	0.07	0.05	0.05	0.2	0.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/13/74-05/26/82	32	20.5	18.3	26.8	6.5	29.671	5.447	10.16	14.275	22.	24.57
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-05/26/82	32	2.	2.5	7.	0.	1.484	1.218	1.	2.	3.	4.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-05/26/82	32	40000.	40718.75	50000.	32000.	21724798.387	4660.987	35150.	37000.	43750.	48000.
00300	OXYGEN, DISSOLVED MG/L	08/13/74-05/26/82	32	7.35	8.25	14.2	4.4	5.91	2.431	5.79	6.8	9.6	12.84
00310	BOD, 5 DAY, 20 DEG C MG/L	08/13/74-02/22/82	18	4.7	5.1	9.6	0.9	6.618	2.572	1.8	2.875	7.625	9.06
00400	PH (STANDARD UNITS)	02/19/75-05/26/82	28	7.75	7.782	8.4	7.3	0.104	0.322	7.4	7.5	7.975	8.31
00400	CONVERTED PH (STANDARD UNITS)	02/19/75-05/26/82	28	7.747	7.683	8.4	7.3	0.114	0.338	7.4	7.5	7.975	8.31
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/19/75-05/26/82	28	0.018	0.021	0.05	0.004	0.	0.013	0.005	0.011	0.032	0.04
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/13/74-05/26/82	18	0.28	0.399	0.88	0.02	0.073	0.27	0.065	0.24	0.593	0.853
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/14/76-05/26/82	15	0.13	0.146	0.49	0.02	0.012	0.108	0.044	0.07	0.17	0.328
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/13/74-05/26/82	16	0.105	0.16	0.7	0.03	0.027	0.164	0.037	0.073	0.198	0.434
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/13/74-05/26/82	25	12.	11.64	22.	4.	18.323	4.281	5.6	9.	14.	17.4
00690	CARBON, TOTAL (MG/L AS C)	08/13/74-05/26/82	30	33.	33.2	39.	27.	11.89	3.448	28.1	31.	36.	38.
01027	CADMIUM, TOTAL (UG/L AS CD)	08/13/74-02/22/82	8	0.9	2.975	17.	0.25	32.601	5.71	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/13/74-02/22/82	7 ##	2.5	2.214	2.5	0.5	0.571	0.756	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/13/74-02/22/82	8	26.5	43.625	163.	6.	2643.125	51.411	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	08/13/74-02/22/82	8	9.5	14.063	45.	2.5	189.746	13.775	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	08/13/74-02/22/82	8	8.	9.625	16.	5.	25.125	5.012	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/13/74-02/22/82	8	42.	43.25	103.	11.	796.786	28.227	**	**	**	**
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	08/13/74-05/26/82	20	430.	10541.55	100000.	20.	936466225.103	30601.736	82.8	102.25	1327.5	90240.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	08/13/74-05/26/82	20	2.616	2.732	5.	1.301	0.881	0.939	1.918	2.009	3.109	4.838
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			540.031								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/27/74-08/11/81	14	25.5	33.143	83.	0.	856.593	29.268	2.	11.75	59.	83.
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	08/27/74-08/11/81	14	3.	3.857	19.	0.	27.363	5.231	0.	0.	6.	14.
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	08/27/74-08/11/81	14	16.	17.857	50.	0.	248.44	15.762	0.	2.5	31.5	43.
71900	MERCURY, TOTAL (UG/L AS HG)	08/13/74-02/22/82	6	0.1	0.183	0.7	0.05	0.065	0.254	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0031

NPS Station ID: GATE0031 LAT/LON: 40.589448/ -73.819726 Agency: 11NYCOR Date Created: 09/22/79
Location: ROCKAWAY INLET BCH CHNL NEAR CROSS BAY BRIDGE FIPS State/County: 36081 NEW YORK/QUEENS
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): NYCOR79
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02030202 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METRO AREA ECO Region:
RF1 Index: 02030202028 RF1 Mile Point: 7.780 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02030202002709.04 RF3 Mile Point: 15.28 Distance from RF3: 0.24 On/Off RF3:
Description:
NEW YORK CORPS OF ENGINEERS DREDGING STUDIES

Parameter Inventory for Station: GATE0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	05/15/75-05/15/75	1	0.75	0.75	0.75	0.75	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/15/75-05/15/75	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/15/75-05/15/75	1	9.4	9.4	9.4	9.4	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	05/15/75-05/15/75	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	05/15/75-05/15/75	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/15/75-05/15/75	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	05/15/75-05/15/75	1	13.	13.	13.	13.	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	05/15/75-05/15/75	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GATE0032

NPS Station ID: GATE0032
LAT/LON: 40.589726/ -73.820004
Agency: 1111H030
Date Created: / /
Location: JAMAICA BAY (948)
FIPS State/County: 36081 NEW YORK/QUEENS
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): 403523007349120/948
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030202
Depth of Water: 20
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-N.Y. METROPOLI
ECO Region:
RF1 Index: 02030202027
RF1 Mile Point: 21.860
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02030202002709.04
RF3 Mile Point: 16.37
Distance from RF3: 0.09
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/22/65-04/22/65	13	16.	14.923	19.	8.	11.077	3.328	8.4	13.5	17.5	18.6
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/22/65-04/22/65	13	2100.	2396.923	7800.	370.	4305923.077	2075.072	498.	900.	3300.	6520.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/22/65-04/22/65	13	3.322	3.234	3.892	2.568	0.144	0.379	2.676	2.952	3.515	3.8
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1715.236								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	04/22/65-04/22/65	7	84.	128.571	330.	12.	14254.286	119.391	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	04/22/65-04/22/65	7	1.924	1.915	2.519	1.079	0.235	0.485	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			82.299								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0032

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	13	9	0.69							13	9	0.69			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0033

NPS Station ID: GATE0033
LAT/LON: 40.589448/ -73.820004
Agency: 1111H030
Date Created: / /
Location: JAMAICA BAY CHLORINATION STUDY
FIPS State/County: 36081 NEW YORK/QUEENS
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): J14A
RMI-Indexes: 0133000
Within Park Boundary: No
RMI-Miles: 0000.00
HUC: 02030202
Depth of Water: 20
Aquifer:
Major Basin: CROSS BAY BR. SOUTH CHAN
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02030202028
RF1 Mile Point: 7.780
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02030202002900.00
RF3 Mile Point: 0.76
Distance from RF3: 0.09
On/Off RF3:
Description:
JAMAICA BAY STUDY-TO DETERMINE THE EFFECT OF SEASONAL CHLORINATION OF TREATMENT PLANT EFFLUENTS ON JAMAICA BAY COLIFORM POPULATIONS. THE PLANT EFFLUENTS ARE CHLORINATED FROM MAY 15 THRU SEPT 30. THE STUDY WAS DIVIDED INTO 2 PHASES OVER AN 8 MONTH PERIOD - MARCH TO OCTOBER 1968 PHASE I - INTENSIVE SURVEY FROM MARCH 26 TO MAY 15 TO DETERMINE NORMAL OR BACKGROUND LEVELS OF COLIFORMS THEN FROM MAY 25 TO JUNE 28 TO DETER- MINE RESPONSE TIME AMD NEW LEVELS OF COLIFORMS. PHASE II - SURVEILLANCE STUDY- FROM SEPT 4 TO SEPT 30 TO DETERMINE BACK- GROUNG LEVELS DURING CHLORINATION THEN FROM SEPT 30 TO OCT 24 TO DETER- MINE RESPONSE TIME AND NEW COLIFORM LEVELS AFTER CHLORINATION STOPPED.

Parameter Inventory for Station: GATE0033

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GATE0034

NPS Station ID: GATE0034 | LAT/LON: 40.645116/ -73.820809 | Agency: 11NPSWRD | Date Created: 12/21/96
Location: Bergen Basin Outflow | FIPS State/County: 36081 NEW YORK/QUEENS
Station Type: /TYPA/AMBNT/ESTURY | STORET Station ID(s): GATE_JB-9A
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 02030202 | Depth of Water: 0 | Aquifer:
Major Basin: NORTHEAST | Elevation: 0 | Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METROPOLITAN AREA | ECO Region:
RF1 Index: 02030202 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 02030202104200.00 | RF3 Mile Point: 0.00 | Distance from RF3: 4.93 | On/Off RF3:
Description:
Station is located at the outflow of Bergen Basin into Jamaica Bay. The station can be found on the USGS 7.5' Jamaica N.Y. quadrangle. To reach the site: Drive boat to mouth of Bergen Basin Inlet. Look for northeast-facing JFK outflow pipes opposite large storage tanks. Take samples in front of the buoys. Any data recorded with a depth of 999 indicates that the sample was collected at the bottom. Data recorded with a depth of 0 indicates that the sample was collected at the surface. For additional information on the water quality data stored at this station; contact the Division of Natural Resources at Gateway National Recreation Area - Building 210; Fort Wadsworth; Staten Island N.Y. 10305 (tel. 718-448-5505; fax. 718-448-4015). The park produces an Annual Report summarizing each year's monitoring activities. Data processed and uploaded to STORET by Dean Tucker; NPS Water Resources Division; 1201 Oak Ridge Drive Ste. 250; Fort Collins CO 80525 (tel. 970-225-3516; fax. 970-225-9965).

Parameter Inventory for Station: GATE0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/28/92-08/26/96	132	22.9	22.424	27.2	15.1	6.535	2.556	17.97	21.025	24.	25.41
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/28/92-08/26/96	65	23.9	24.086	36.	14.4	14.808	3.848	19.02	22.1	26.05	28.66
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/28/92-08/26/96	42	1.	1.108	2.	0.5	0.157	0.397	0.61	0.76	1.37	1.729
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/28/92-08/26/96	132	33700.	32922.727	39800.	11600.	27282532.963	5223.268	26710.	30725.	36875.	38170.
00300	OXYGEN, DISSOLVED MG/L	05/28/92-08/26/96	126	4.6	5.474	18.4	0.5	8.855	2.976	1.7	3.075	8.325	8.83
00406	PH, FIELD, STANDARD UNITS SU	05/28/92-08/26/96	123	7.7	7.728	8.98	4.6	0.341	0.584	7.268	7.46	8.08	8.39
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/28/92-08/26/96	123	7.7	6.407	8.98	4.6	2.101	1.449	7.268	7.46	8.08	8.39
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/28/92-08/26/96	123	0.02	0.392	25.119	0.001	8.282	2.878	0.004	0.008	0.035	0.054
00480	SALINITY - PARTS PER THOUSAND	05/28/92-08/26/96	132	23.5	22.513	33.2	6.5	14.863	3.855	18.03	20.6	25.1	25.97
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/01/94-09/28/94	15	5.7	5.787	10.	0.	15.381	3.922	0.	1.5	10.	10.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/01/94-08/26/96	41	0.17	0.171	0.46	0.	0.021	0.144	0.	0.05	0.275	0.392
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/01/94-08/26/96	38	0.485	1.276	6.3	0.1	2.248	1.499	0.147	0.228	2.	3.02
01042	COPPER, TOTAL (UG/L AS CU)	06/13/94-09/28/94	14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/28/92-08/26/96	89	957.	3039.562	31333.	0.	27485935.431	5242.703	0.	158.	3728.5	8200.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/28/92-08/26/96	89	2.981	2.657	4.496	0.	1.649	1.284	0.	2.183	3.571	3.914
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			454.142								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/28/92-08/26/96	96	522.	2016.667	20097.	0.	14476767.467	3804.835	0.	60.	2304.	5083.7
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/28/92-08/26/96	96	2.717	2.42	4.303	0.	1.562	1.25	0.	1.777	3.362	3.706
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			263.155								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GATE0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/28/92-08/12/96	40	2.45	5.648	44.93	0.	66.733	8.169	0.	0.96	7.513	14.954
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	06/01/94-08/26/96	37 ##	0.025	0.026	0.1	0.	0.001	0.025	0.	0.025	0.025	0.04
50064	CHLORINE, FREE AVAILABLE (MG/L)	06/01/94-08/26/96	37 ##	0.025	0.026	0.1	0.	0.001	0.025	0.	0.025	0.025	0.04
50066	CHLORINE, COMBINED AVAILABLE (MG/L)	06/01/94-09/28/94	11	0.	0.009	0.1	0.	0.001	0.03	0.	0.	0.	0.08

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0034

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	126	47	0.37	43	15	0.35				83	32	0.39			
00406	PH, FIELD	Other-Hi Lim.	8.5	123	10	0.08	40	1	0.03				83	9	0.11			
		Other-Lo Lim.	6.5	123	2	0.02	40	0	0.00				83	2	0.02			
01042	COPPER, TOTAL	Marine Acute	2.9	14	0	0.00	6	0	0.00				8	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	89	43	0.48	30	16	0.53				59	27	0.46			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	96	65	0.68	34	18	0.53				62	47	0.76			
50060	CHLORINE, TOTAL RESIDUAL	Marine Acute	0.013	11 &	3	0.27	4	3	0.75				7	0	0.00			
50064	CHLORINE, FREE AVAILABLE	Marine Acute	0.013	11 &	3	0.27	4	3	0.75				7	0	0.00			
50066	CHLORINE, COMBINED AVAILABLE	Marine Acute	0.013	11	1	0.09	4	1	0.25				7	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1992 - Station GATE0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/28/92-08/26/96	30	22.35	21.7	25.	16.8	5.412	2.326	17.24	20.25	23.625	24.17
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/28/92-08/26/96	15	25.	23.193	28.5	14.5	17.582	4.193	15.4	21.6	26.1	27.72
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/28/92-08/26/96	30	36350.	35876.667	39100.	29500.	5599781.609	2366.386	32680.	34850.	37375.	38780.
00300	OXYGEN, DISSOLVED MG/L	05/28/92-08/26/96	30	5.7	6.2	18.4	2.1	9.467	3.077	3.8	4.275	7.2	10.59
00406	PH, FIELD, STANDARD UNITS SU	05/28/92-08/26/96	30	7.96	8.043	8.8	7.58	0.134	0.367	7.62	7.688	8.293	8.609
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/28/92-08/26/96	30	7.96	7.919	8.8	7.58	0.15	0.388	7.62	7.688	8.293	8.609
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/28/92-08/26/96	30	0.011	0.012	0.026	0.002	0.	0.008	0.002	0.005	0.021	0.024
00480	SALINITY - PARTS PER THOUSAND	05/28/92-08/26/96	30	25.55	25.293	26.9	23.	0.879	0.937	23.64	24.775	25.825	26.29
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/28/92-08/26/96	15	5100.	5814.867	21600.	377.	30081656.695	5484.675	498.8	1015.	7511.	15356.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/28/92-08/26/96	15	3.708	3.551	4.334	2.576	0.255	0.505	2.689	3.006	3.876	4.163
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3558.04								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/28/92-08/26/96	15	1131.	3864.733	20097.	0.	40454919.352	6360.418	0.	87.	5075.	18722.4
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/28/92-08/26/96	15	3.053	2.636	4.303	0.	2.198	1.483	0.	1.94	3.705	4.272
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			432.718								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station GATE0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/28/92-08/26/96	30	23.8	22.883	27.2	16.2	10.595	3.255	17.05	20.8	25.3	26.37
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/28/92-08/26/96	15	25.	25.867	36.	19.5	21.731	4.662	20.4	22.5	29.	34.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/28/92-08/26/96	30	36250.	35033.333	39800.	27900.	11347816.092	3368.652	30200.	32125.	38100.	38790.
00300	OXYGEN, DISSOLVED MG/L	05/28/92-08/26/96	24	3.5	4.625	11.5	1.	7.897	2.81	1.75	3.	6.	9.5
00406	PH, FIELD, STANDARD UNITS SU	05/28/92-08/26/96	21	8.14	8.107	8.98	7.07	0.204	0.451	7.532	7.715	8.465	8.69
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/28/92-08/26/96	21	8.14	7.871	8.98	7.07	0.262	0.512	7.532	7.715	8.465	8.69
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/28/92-08/26/96	21	0.007	0.013	0.085	0.001	0.	0.018	0.002	0.003	0.019	0.03
00480	SALINITY - PARTS PER THOUSAND	05/28/92-08/26/96	30	23.8	23.55	28.5	19.1	3.319	1.822	20.91	22.875	24.5	25.26
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/28/92-08/26/96	12	3103.	5239.833	23400.	58.	54711325.788	7396.71	75.4	244.25	7114.25	21300.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/28/92-08/26/96	12	3.491	3.166	4.369	1.763	0.743	0.862	1.854	2.37	3.832	4.323
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1466.436								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/28/92-08/26/96	14	1016.	1597.786	6264.	29.	3372447.72	1836.423	29.	44.75	2791.25	4654.5
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/28/92-08/26/96	14	2.81	2.661	3.797	1.462	0.784	0.886	1.462	1.64	3.446	3.64
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			458.506								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station GATE0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/28/92-08/26/96	18	21.8	21.539	25.	15.1	8.471	2.91	16.9	19.325	24.2	25.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/28/92-08/26/96	9	23.3	22.833	28.9	14.4	20.805	4.561	14.4	19.45	26.7	28.9
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/28/92-08/26/96	18	30450.	30094.444	38500.	14400.	39600555.556	6292.897	20520.	27950.	34950.	37510.
00300	OXYGEN, DISSOLVED MG/L	05/28/92-08/26/96	18	2.45	3.061	6.4	0.5	4.058	2.014	0.68	1.375	5.275	6.31
00406	PH, FIELD, STANDARD UNITS SU	05/28/92-08/26/96	18	7.6	7.294	7.9	4.6	0.945	0.972	4.69	7.475	7.725	7.81
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/28/92-08/26/96	18	7.6	5.598	7.9	4.6	3.994	1.999	4.69	7.475	7.725	7.81
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/28/92-08/26/96	18	0.025	2.526	25.119	0.013	53.777	7.333	0.016	0.019	0.034	20.469
00480	SALINITY - PARTS PER THOUSAND	05/28/92-08/26/96	18	23.2	23.094	33.2	13.2	26.253	5.124	14.64	20.35	26.025	32.57
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/28/92-08/26/96	8	2884.	6775.375	31333.	725.	105790513.982	10285.452	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/28/92-08/26/96	8	3.458	3.51	4.496	2.86	0.289	0.538	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3237.876								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/28/92-08/26/96	15	429.	3128.733	17533.	58.	30796722.638	5549.479	62.8	203.	3003.	16133.2
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/28/92-08/26/96	15	2.632	2.874	4.244	1.763	0.629	0.793	1.797	2.307	3.478	4.207
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			747.518								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station GATE0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/28/92-08/26/96	28	22.75	23.121	26.6	19.8	4.277	2.068	20.18	21.85	25.1	26.22
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/28/92-08/26/96	13	23.3	24.054	31.1	18.3	11.444	3.383	19.42	21.65	26.95	29.78
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/28/92-08/26/96	28	34400.	32096.429	38100.	15700.	37953690.476	6160.657	22300.	29275.	37350.	37910.
00300	OXYGEN, DISSOLVED MG/L	05/28/92-08/26/96	28	4.5	5.646	8.7	1.5	6.779	2.604	1.69	3.825	8.4	8.6
00406	PH, FIELD, STANDARD UNITS SU	05/28/92-08/26/96	28	7.59	7.601	8.19	6.75	0.159	0.399	7.053	7.293	7.948	8.17
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/28/92-08/26/96	28	7.59	7.421	8.19	6.75	0.193	0.439	7.053	7.293	7.947	8.17
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/28/92-08/26/96	28	0.026	0.038	0.178	0.006	0.002	0.039	0.007	0.011	0.051	0.089
00480	SALINITY - PARTS PER THOUSAND	05/28/92-08/26/96	28	23.15	21.614	25.9	10.8	16.042	4.005	14.32	20.45	24.175	25.22
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/28/92-08/26/96	28	174.	1023.286	10179.	0.	4090988.878	2022.619	0.	0.	1406.5	2821.7
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/28/92-08/26/96	28	2.215	1.928	4.008	0.	1.921	1.386	0.	0.	3.148	3.45
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			84.793								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/28/92-08/26/96	26	768.	1697.577	9193.	0.	6913500.814	2629.354	69.6	195.75	1718.25	7882.2
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/28/92-08/26/96	26	2.876	2.723	3.963	0.	0.719	0.848	1.796	2.291	3.235	3.895
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			528.197								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1996 - Station GATE0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/28/92-08/26/96	26	22.9	22.592	25.1	17.7	3.275	1.81	19.45	22.025	23.725	24.41
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/28/92-08/26/96	13	23.5	23.962	26.	22.	1.644	1.282	22.4	23.	25.25	26.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/28/92-08/26/96	26	31550.	29926.923	34000.	11600.	23708446.154	4869.132	22720.	29775.	32750.	33100.
00300	OXYGEN, DISSOLVED MG/L	05/28/92-08/26/96	26	8.6	6.904	10.9	1.4	8.271	2.876	2.47	4.05	8.825	9.32
00406	PH, FIELD, STANDARD UNITS SU	05/28/92-08/26/96	26	7.445	7.496	8.09	6.93	0.082	0.286	7.114	7.358	7.638	7.983
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/28/92-08/26/96	26	7.445	7.412	8.09	6.93	0.089	0.299	7.114	7.358	7.638	7.983
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/28/92-08/26/96	26	0.036	0.039	0.117	0.008	0.001	0.025	0.01	0.023	0.044	0.078
00480	SALINITY - PARTS PER THOUSAND	05/28/92-08/26/96	26	19.85	18.673	21.5	6.5	10.784	3.284	13.77	18.35	20.625	20.83
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/28/92-08/26/96	26	725.	1444.808	6183.	0.	3182806.002	1784.042	0.	181.25	1987.5	4630.1
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/28/92-08/26/96	26	2.851	2.429	3.791	0.	1.692	1.301	0.	2.14	3.28	3.664
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			268.455								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/28/92-08/26/96	26	58.	853.538	4900.	0.	2041266.418	1428.729	0.	0.	1537.5	3285.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/28/92-08/26/96	26	1.763	1.602	3.69	0.	2.251	1.5	0.	0.	3.185	3.502
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			39.957								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0035

NPS Station ID: GATE0035
LAT/LON: 40.645281/ -73.821115
Agency: 1111H030
Date Created: / /
Location: JAMAICA BAY (J07)
FIPS State/County: 36081 NEW YORK/QUEENS
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): 403843007349160/J07 /930
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02030202
Depth of Water: 25
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-N.Y. METROPOLI
ECO Region:
RF1 Index: 02030202028
RF1 Mile Point: 24.780
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02030202002900.00
RF3 Mile Point: 2.07
Distance from RF3: 0.16
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0035

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/03/66-08/24/66	12	19.3	16.492	26.5	4.1	79.448	8.913	4.25	6.125	24.45	26.41
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/03/66-08/24/66	12	21.	17.667	28.	6.	74.424	8.627	6.	7.	23.	28.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/03/66-08/24/66	12	3.1	3.117	4.6	1.8	0.865	0.93	1.86	2.225	3.95	4.51
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/03/66-08/24/66	12	27300.	28162.5	38000.	19900.	34895965.909	5907.281	19930.	25125.	32087.5	38000.
00300	OXYGEN, DISSOLVED MG/L	03/03/66-08/24/66	12	5.45	6.717	11.6	2.5	13.089	3.618	2.5	3.825	11.05	11.6
00310	BOD, 5 DAY, 20 DEG C MG/L	03/03/66-08/24/66	12	3.1	3.458	6.2	1.8	2.326	1.525	1.83	2.1	4.75	6.08
00400	PH (STANDARD UNITS)	03/03/66-08/24/66	12	7.15	7.258	7.8	6.8	0.11	0.332	6.83	7.025	7.6	7.77
00400	CONVERTED PH (STANDARD UNITS)	03/03/66-08/24/66	12	7.147	7.158	7.8	6.8	0.121	0.348	6.83	7.025	7.6	7.77
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/03/66-08/24/66	12	0.071	0.07	0.158	0.016	0.002	0.044	0.017	0.025	0.095	0.149
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/25/66-08/24/66	8	1.05	1.031	1.32	0.78	0.03	0.172	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/03/66-08/24/66	12	0.07	0.063	0.09	0.02	0.001	0.025	0.023	0.04	0.087	0.09
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/03/66-08/24/66	12	0.165	0.173	0.25	0.11	0.002	0.041	0.113	0.15	0.2	0.241
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/03/66-08/24/66	12	1.98	2.173	3.4	1.57	0.323	0.568	1.609	1.778	2.495	3.304
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/03/66-08/24/66	12	1.51	1.488	1.95	0.9	0.11	0.331	0.903	1.325	1.725	1.929
00940	CHLORIDE,TOTAL IN WATER MG/L	04/22/65-08/24/66	14	14250.	14421.429	15900.	12700.	902967.033	950.246	12950.	13850.	15150.	15900.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/22/65-08/24/66	14	10850.	28521.429	150000.	600.	1676137197.802	40940.655	1350.	2875.	43000.	108500.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/22/65-08/24/66	14	4.001	4.036	5.176	2.778	0.464	0.681	3.05	3.454	4.626	5.001
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			10870.556								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/22/65-08/24/66	14	2300.	11012.143	62000.	80.	339549325.824	18426.864	230.	522.5	13500.	51500.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/22/65-08/24/66	14	3.278	3.393	4.792	1.903	0.745	0.863	2.241	2.714	4.123	4.703
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2474.25								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/03/66-08/24/66	12	12.5	991.667	6100.	1.	3498476.788	1870.422	1.3	4.	1400.	5200.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/03/66-08/24/66	12	1.	1.615	3.785	0.	1.916	1.384	0.09	0.602	3.142	3.697
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			41.206								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0035

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	12	0	0.00	2	0	0.00	4	0	0.00	6	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	12	4	0.33	2	2	1.00	4	0	0.00	6	2	0.33			
00400	PH	Other-Hi Lim.	9.	12	0	0.00	2	0	0.00	4	0	0.00	6	0	0.00			
		Other-Lo Lim.	6.5	12	0	0.00	2	0	0.00	4	0	0.00	6	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: GATE0035

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	14	13	0.93	2	2	1.00	4	4	1.00	8	7	0.88			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	14	13	0.93	2	2	1.00	4	4	1.00	8	7	0.88			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0036

NPS Station ID: GATE0036
LAT/LON: 40.646115/ -73.821670
Agency: 21350000
Date Created: / /
Location: JAMAICA BAY
FIPS State/County: 36000 NEW YORK/
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): 403846007349180/J7
RMI-Indexes: 0133000
Within Park Boundary: Yes
RMI-Miles: 0000.00
HUC: 02030202
Depth of Water: 35
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-N.Y. METROPOLITAN AREA
ECO Region:
RF1 Index: 02030202028
RF1 Mile Point: 24.780
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02030202002900.00
RF3 Mile Point: 4.51
Distance from RF3: 0.06
On/Off RF3:
Description:
STATION IS LOCATED IN JAMAICA BAY AT MOUTH OF BERGEN BASIN SOUTHEAST OF THE SLUDGE STORAGE TANK.
DATA COLLECTED BY CITY OF NEW YORK DEPARTMENT OF PUBLIC WORKS.

Parameter Inventory for Station: GATE0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/07/73-01/08/74	4	5.7	5.75	9.1	2.5	13.67	3.697	**	**	**	**
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	08/16/48-09/15/66	386	75.	74.145	84.	63.	15.246	3.905	68.7	72.	77.	79.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/07/73-01/08/74	4	5.25	5.25	9.5	1.	24.083	4.907	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/07/73-01/08/74	4	3.2	3.975	7.5	2.	5.869	2.423	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/07/73-01/08/74	4	24670.	24672.5	27800.	21550.	12631025.	3554.015	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/07/73-01/08/74	4	37716.5	37739.25	39516.	36008.	3865600.917	1966.113	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	08/16/48-01/08/74	392	4.	4.27	10.6	0.2	3.17	1.781	2.4	3.1	5.175	6.7
00310	BOD, 5 DAY, 20 DEG C MG/L	06/11/53-01/08/74	267	2.5	2.8	8.	0.	2.578	1.606	1.	1.5	3.9	5.3
00403	PH, LAB, STANDARD UNITS SU	11/07/73-01/08/74	4	6.1	6.038	8.	3.95	2.746	1.657	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	11/07/73-01/08/74	4	6.089	4.546	8.	3.95	5.713	2.39	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/07/73-01/08/74	4	0.815	28.461	112.202	0.01	3116.869	55.829	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/07/73-01/08/74	4	13975.	13952.5	14460.	13400.	281691.667	530.746	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/07/73-01/08/74	4	24900.	26500.	49000.	7200.	467426666.667	21620.052	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/07/73-01/08/74	4	4.279	4.276	4.69	3.857	0.19	0.436	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			18888.557								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/11/53-09/15/66	276	9300.	29043.225	350000.	0.	2086910526.473	45682.716	900.	2300.	46000.	110000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/11/53-09/15/66	276	3.968	3.936	5.544	0.	0.667	0.817	2.954	3.362	4.663	5.041
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			8632.595								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/07/73-01/08/74	3	580.	2346.667	6000.	460.	10013733.333	3164.448	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/07/73-01/08/74	3	2.763	3.068	3.778	2.663	0.381	0.617	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1169.802								
70305	SALINITY BASED ON CONDUCTIVITY	11/07/73-01/08/74	4	23.85	23.875	25.	22.8	1.409	1.187	**	**	**	**
70307	SEA WATER, PERCENT	08/16/48-09/15/66	388	81.	80.972	95.	54.	25.216	5.022	74.9	78.	84.	88.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

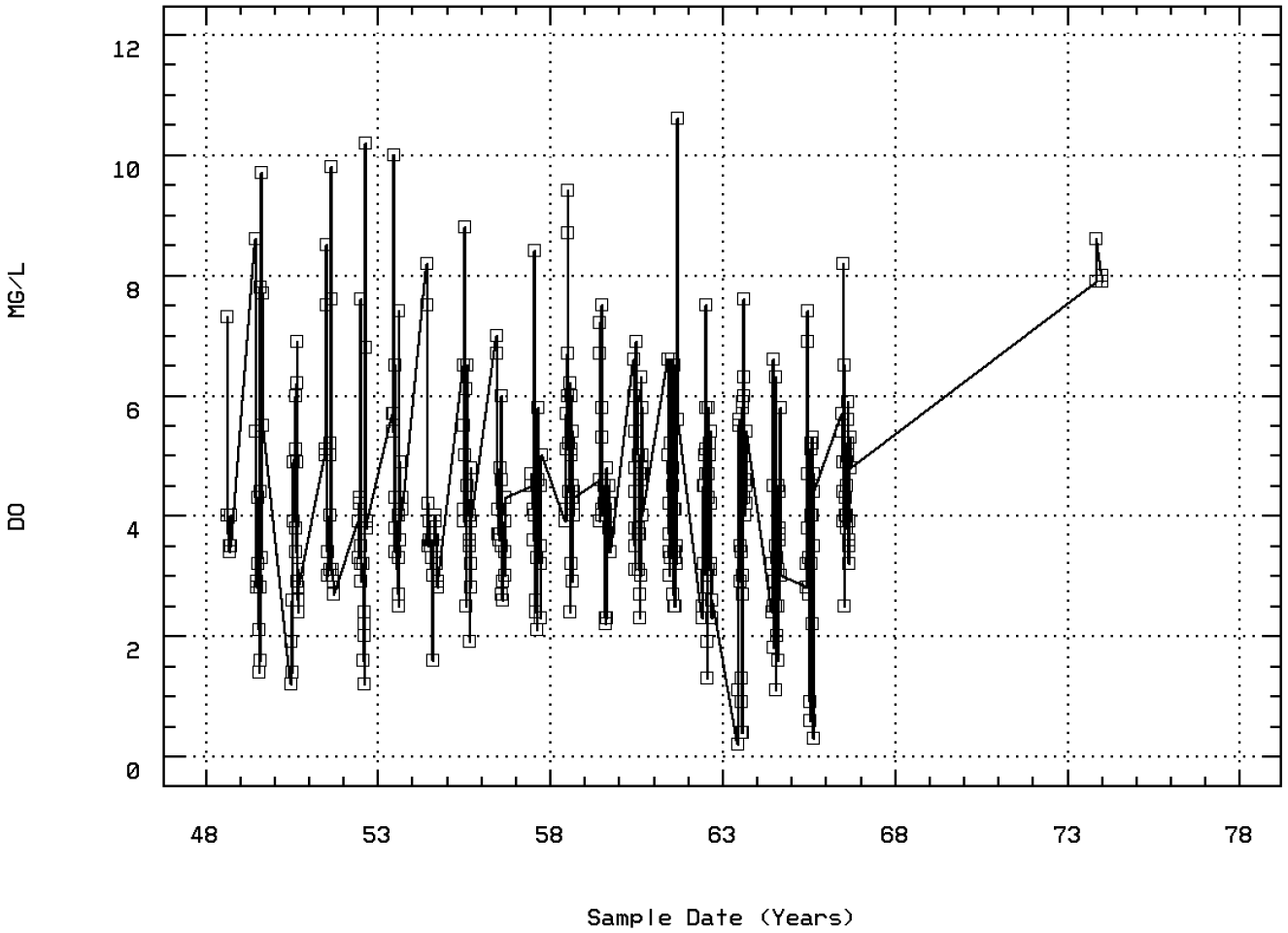
EPA Water Quality Criteria Analysis for Station: GATE0036

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	4	0	0.00				4	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	392	203	0.52	202	110	0.54	4	0	0.00	186	93	0.50			
00403	PH, LAB	Other-Hi Lim.	9.	4	0	0.00				4	0	0.00						
		Other-Lo Lim.	6.5	3 &	2	0.67				3	2	0.67						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	4	4	1.00				4	4	1.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	276	240	0.87	139	121	0.87				137	119	0.87			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	3	3	1.00				3	3	1.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station: GATE0036 Parameter Code: 00300

OXYGEN, DISSOLVED



JAMAICA BAY

Annual Analysis for 1948 - Station GATE0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	08/16/48-09/15/66	6	73.5	73.5	77.	71.	5.5	2.345	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	08/16/48-01/08/74	6	3.75	4.283	7.3	3.4	2.254	1.501	**	**	**	**
70307p	SEA WATER, PERCENT	08/16/48-09/15/66	6	81.5	80.333	85.	73.	23.867	4.885	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1949 - Station GATE0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	08/16/48-09/15/66	16	78.	78.25	84.	73.	10.867	3.296	73.7	75.25	81.	82.6
00300p	OXYGEN, DISSOLVED MG/L	08/16/48-01/08/74	16	3.8	4.594	9.7	1.4	6.797	2.607	1.54	2.8	7.15	8.93
70307p	SEA WATER, PERCENT	08/16/48-09/15/66	16	82.	81.313	86.	76.	6.496	2.549	77.4	80.	83.	85.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1950 - Station GATE0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	08/16/48-09/15/66	18	76.	75.444	80.	68.	13.438	3.666	68.	74.25	78.	80.
00300p	OXYGEN, DISSOLVED MG/L	08/16/48-01/08/74	18	3.25	3.667	6.9	1.2	2.791	1.671	1.38	2.55	4.95	6.27
70307p	SEA WATER, PERCENT	08/16/48-09/15/66	18	81.5	81.556	88.	75.	16.967	4.119	75.9	78.	83.75	88.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1951 - Station GATE0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	08/16/48-09/15/66	16	77.	76.188	79.	72.	5.096	2.257	72.	74.25	78.	79.
00300p	OXYGEN, DISSOLVED MG/L	08/16/48-01/08/74	16	4.5	4.931	9.8	2.7	5.117	2.262	2.84	3.025	6.925	8.89
70307p	SEA WATER, PERCENT	08/16/48-09/15/66	16	78.	77.	83.	71.	11.6	3.406	71.7	74.25	79.	81.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1952 - Station GATE0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	08/16/48-09/15/66	18	78.5	77.389	82.	70.	11.781	3.432	70.9	75.	80.	81.1
00300p	OXYGEN, DISSOLVED MG/L	08/16/48-01/08/74	18	3.4	3.9	10.2	1.2	5.052	2.248	1.56	2.35	4.225	7.86
70307p	SEA WATER, PERCENT	08/16/48-09/15/66	18	75.	74.833	78.	68.	6.618	2.572	71.6	73.75	77.25	78.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1953 - Station GATE0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	08/16/48-09/15/66	18	76.	74.722	80.	68.	17.624	4.198	68.	70.	78.25	79.1
00300p	OXYGEN, DISSOLVED MG/L	08/16/48-01/08/74	18	4.2	4.672	10.	2.5	3.627	1.904	2.5	3.375	5.7	7.66
00310	BOD, 5 DAY, 20 DEG C MG/L	06/11/53-01/08/74	8	1.4	2.025	4.6	0.	3.119	1.766	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/11/53-09/15/66	5	400.	720.	1500.	400.	237000.	486.826	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1953 - Station GATE0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/11/53-09/15/66	5	2.602	2.787	3.176	2.602	0.07	0.266	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			612.777								
70307p	SEA WATER, PERCENT	08/16/48-09/15/66	18	76.5	76.389	79.	73.	4.016	2.004	73.	74.75	78.	79.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1954 - Station GATE0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	08/16/48-09/15/66	20	72.	71.5	79.	63.	21.105	4.594	63.1	71.	73.75	78.7
00300p	OXYGEN, DISSOLVED MG/L	08/16/48-01/08/74	20	3.5	3.745	8.2	1.6	2.444	1.563	1.72	3.05	3.9	7.17
00310	BOD, 5 DAY, 20 DEG C MG/L	06/11/53-01/08/74	20	1.9	2.225	4.9	0.9	1.598	1.264	1.01	1.125	2.9	4.48
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/11/53-09/15/66	20	4450.	7900.75	46000.	15.	115331484.934	10739.25	150.	525.	10575.	22700.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/11/53-09/15/66	20	3.648	3.412	4.663	1.176	0.767	0.876	2.176	2.69	4.023	4.346
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			2584.62								
70307p	SEA WATER, PERCENT	08/16/48-09/15/66	20	83.5	82.75	90.	74.	18.197	4.266	77.1	79.25	86.	88.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1955 - Station GATE0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	08/16/48-09/15/66	18	75.	75.667	81.	70.	12.235	3.498	70.9	73.5	79.25	81.
00300p	OXYGEN, DISSOLVED MG/L	08/16/48-01/08/74	18	4.05	4.506	8.8	1.9	2.863	1.692	2.44	3.425	5.65	6.73
00310	BOD, 5 DAY, 20 DEG C MG/L	06/11/53-01/08/74	18	1.7	2.411	5.5	0.4	2.109	1.452	1.03	1.35	3.325	5.32
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/11/53-09/15/66	18	4300.	15438.889	110000.	150.	763726928.105	27635.61	150.	775.	12975.	52400.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/11/53-09/15/66	18	3.633	3.565	5.041	2.176	0.717	0.847	2.176	2.866	4.071	4.701
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			3670.545								
70307p	SEA WATER, PERCENT	08/16/48-09/15/66	18	85.	81.278	91.	67.	67.036	8.188	67.	74.5	88.25	90.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1956 - Station GATE0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	08/16/48-09/15/66	18	72.5	72.722	77.	69.	5.624	2.372	69.9	70.75	75.	76.1
00300p	OXYGEN, DISSOLVED MG/L	08/16/48-01/08/74	18	3.7	4.122	7.	2.6	1.649	1.284	2.69	3.3	4.65	6.73
00310	BOD, 5 DAY, 20 DEG C MG/L	06/11/53-01/08/74	18	2.85	3.017	5.5	0.8	2.304	1.518	0.98	1.675	4.5	5.14
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/11/53-09/15/66	18	6800.	12311.111	46000.	900.	196259869.281	14009.278	2160.	3825.	17250.	46000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/11/53-09/15/66	18	3.801	3.853	4.663	2.954	0.222	0.472	3.321	3.57	4.227	4.663
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			7135.111								
70307p	SEA WATER, PERCENT	08/16/48-09/15/66	18	80.	79.611	84.	74.	5.428	2.33	75.8	78.	81.	82.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1957 - Station GATE0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	08/16/48-09/15/66	16	74.5	73.813	80.	63.	19.896	4.46	64.4	72.25	76.75	78.6
00300p	OXYGEN, DISSOLVED MG/L	08/16/48-01/08/74	18	4.05	4.089	8.4	2.1	2.258	1.503	2.28	3.05	4.775	6.06
00310	BOD, 5 DAY, 20 DEG C MG/L	06/11/53-01/08/74	18	1.85	2.111	5.	0.6	1.613	1.27	0.69	1.125	3.	4.28

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1957 - Station GATE0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/11/53-09/15/66	18	4300.	20886.111	110000.	150.	1188719354.575	34477.81	825.	1800.	24000.	110000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/11/53-09/15/66	18	3.633	3.777	5.041	2.176	0.594	0.771	2.876	3.23	4.38	5.041
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			5987.063								
70307p	SEA WATER, PERCENT	08/16/48-09/15/66	18	85.5	84.722	89.	73.	15.859	3.982	79.3	83.5	88.	88.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1958 - Station GATE0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	08/16/48-09/15/66	24	74.	72.75	78.	64.	18.978	4.356	66.	69.25	76.	78.
00300p	OXYGEN, DISSOLVED MG/L	08/16/48-01/08/74	24	4.75	5.046	9.4	2.4	2.611	1.616	3.05	4.125	5.925	7.7
00310	BOD, 5 DAY, 20 DEG C MG/L	06/11/53-01/08/74	24	2.	2.337	6.3	0.6	2.129	1.459	0.7	1.3	3.375	4.45
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/11/53-09/15/66	24	4300.	17002.708	110000.	15.	986072067.346	31401.784	150.	900.	14000.	78000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/11/53-09/15/66	24	3.633	3.49	5.041	1.176	0.948	0.974	2.176	2.954	4.142	4.852
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			3092.486								
70307p	SEA WATER, PERCENT	08/16/48-09/15/66	24	80.	80.042	85.	73.	10.216	3.196	75.	78.25	82.75	84.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1959 - Station GATE0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	08/16/48-09/15/66	22	74.	72.727	78.	64.	12.494	3.535	68.	70.	75.	77.7
00300p	OXYGEN, DISSOLVED MG/L	08/16/48-01/08/74	22	4.2	4.6	7.5	2.2	2.388	1.545	2.3	3.875	5.425	7.41
00310	BOD, 5 DAY, 20 DEG C MG/L	06/11/53-01/08/74	22	2.45	2.755	6.4	0.3	2.879	1.697	0.66	1.275	3.75	5.79
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/11/53-09/15/66	22	4300.	13313.636	46000.	900.	239263138.528	15468.133	900.	2300.	24000.	46000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/11/53-09/15/66	22	3.633	3.79	4.663	2.954	0.346	0.588	2.954	3.362	4.38	4.663
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			6161.774								
70307p	SEA WATER, PERCENT	08/16/48-09/15/66	22	83.	83.409	89.	79.	6.444	2.538	79.6	81.75	85.	87.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1960 - Station GATE0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	08/16/48-09/15/66	26	75.	74.269	79.	68.	6.925	2.631	69.7	72.75	76.	78.
00300p	OXYGEN, DISSOLVED MG/L	08/16/48-01/08/74	26	4.65	4.562	6.9	2.3	1.694	1.302	2.91	3.65	5.5	6.69
00310	BOD, 5 DAY, 20 DEG C MG/L	06/11/53-01/08/74	26	2.85	2.542	5.2	0.9	1.719	1.311	0.9	1.3	3.625	4.28
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/11/53-09/15/66	26	9500.	27884.615	110000.	100.	1424718953.846	37745.449	840.	4300.	29500.	110000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/11/53-09/15/66	26	3.978	4.011	5.041	2.	0.536	0.732	2.921	3.633	4.451	5.041
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			10244.815								
70307p	SEA WATER, PERCENT	08/16/48-09/15/66	26	81.	80.577	88.	74.	13.534	3.679	75.	78.	83.25	85.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1961 - Station GATE0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	08/16/48-09/15/66	26	75.	73.962	82.	64.	27.878	5.28	66.4	69.5	78.25	81.
00300p	OXYGEN, DISSOLVED MG/L	08/16/48-01/08/74	26	3.9	4.419	10.6	2.5	3.315	1.821	2.64	3.275	5.3	6.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1961 - Station GATE0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00310	BOD, 5 DAY, 20 DEG C MG/L	06/11/53-01/08/74	24	2.4	3.196	6.9	1.	3.68	1.918	1.25	1.825	5.4	6.1
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/11/53-09/15/66	26	24000.	47142.308	110000.	200.	1986905738.462	44574.721	1880.	8475.	110000.	110000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/11/53-09/15/66	26	4.38	4.336	5.041	2.301	0.511	0.715	3.239	3.921	5.041	5.041
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			21678.467								
70307p	SEA WATER, PERCENT	08/16/48-09/15/66	26	79.	77.577	88.	54.	45.054	6.712	71.4	74.	82.	85.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1962 - Station GATE0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	08/16/48-09/15/66	26	74.	73.808	79.	68.	8.722	2.953	68.7	72.5	76.	77.
00300p	OXYGEN, DISSOLVED MG/L	08/16/48-01/08/74	26	4.25	3.962	7.5	1.3	2.158	1.469	2.18	2.75	5.025	5.8
00310	BOD, 5 DAY, 20 DEG C MG/L	06/11/53-01/08/74	22	1.8	2.491	5.8	1.2	1.841	1.357	1.3	1.375	3.3	4.78
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/11/53-09/15/66	26	9300.	25984.615	110000.	1500.	1184614953.846	34418.236	2300.	4300.	46000.	110000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/11/53-09/15/66	26	3.968	4.056	5.041	3.176	0.341	0.584	3.362	3.633	4.663	5.041
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			11366.076								
70307p	SEA WATER, PERCENT	08/16/48-09/15/66	26	84.5	85.346	93.	75.	14.715	3.836	81.1	83.	88.	90.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1963 - Station GATE0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	08/16/48-09/15/66	26	74.5	74.077	80.	67.	12.554	3.543	68.	72.	77.	78.3
00300p	OXYGEN, DISSOLVED MG/L	08/16/48-01/08/74	26	4.1	3.742	7.6	0.2	4.268	2.066	0.4	2.35	5.525	6.09
00310	BOD, 5 DAY, 20 DEG C MG/L	06/11/53-01/08/74	25	4.2	4.012	8.	0.9	3.773	1.942	1.48	2.1	5.6	6.36
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/11/53-09/15/66	25	9300.	32968.	110000.	2300.	1721493100.	41490.88	2300.	4300.	46000.	110000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/11/53-09/15/66	25	3.968	4.149	5.041	3.362	0.357	0.597	3.362	3.633	4.663	5.041
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			14085.509								
70307p	SEA WATER, PERCENT	08/16/48-09/15/66	26	87.	86.192	95.	78.	16.242	4.03	79.7	84.	89.	91.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1964 - Station GATE0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	08/16/48-09/15/66	24	72.	71.708	78.	64.	13.868	3.724	65.	69.5	74.75	76.
00300p	OXYGEN, DISSOLVED MG/L	08/16/48-01/08/74	24	3.15	3.387	6.6	1.1	1.985	1.409	1.7	2.5	4.25	6.05
00310	BOD, 5 DAY, 20 DEG C MG/L	06/11/53-01/08/74	14	2.5	2.743	5.6	0.8	1.604	1.267	1.05	1.9	3.325	5.1
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/11/53-09/15/66	24	46000.	68541.667	110000.	15000.	1596780797.101	39959.74	24000.	24000.	110000.	110000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/11/53-09/15/66	24	4.663	4.745	5.041	4.176	0.093	0.304	4.38	4.38	5.041	5.041
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			55639.649								
70307p	SEA WATER, PERCENT	08/16/48-09/15/66	24	81.	81.417	87.	75.	8.862	2.977	76.5	80.	83.	86.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1965 - Station GATE0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	08/16/48-09/15/66	24	74.	73.542	79.	65.	11.303	3.362	68.	72.	76.	77.5
00300p	OXYGEN, DISSOLVED MG/L	08/16/48-01/08/74	24	3.65	3.708	7.4	0.3	3.088	1.757	0.75	2.8	5.	6.1
70307p	SEA WATER, PERCENT	08/16/48-09/15/66	24	84.	83.208	91.	74.	14.346	3.788	77.5	81.	85.75	87.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1966 - Station GATE0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	08/16/48-09/15/66	24	75.5	74.958	79.	69.	6.303	2.51	71.	73.	76.	78.
00300p	OXYGEN, DISSOLVED MG/L	08/16/48-01/08/74	24	4.65	4.708	8.2	2.5	1.44	1.2	3.35	3.9	5.375	6.2
00310	BOD, 5 DAY, 20 DEG C MG/L	06/11/53-01/08/74	24	3.5	3.683	6.2	1.1	2.229	1.493	1.65	2.625	4.775	6.05
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/11/53-09/15/66	24	7900.	49266.667	350000.	0.	9854218840.58	99268.418	2200.	4900.	32250.	255000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/11/53-09/15/66	24	3.898	3.978	5.544	0.	1.136	1.066	3.342	3.69	4.503	5.374
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			9503.471								
70307p	SEA WATER, PERCENT	08/16/48-09/15/66	24	78.	77.375	84.	74.	6.158	2.481	74.	75.	79.	79.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1973 - Station GATE0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300p	OXYGEN, DISSOLVED MG/L	08/16/48-01/08/74	2	8.25	8.25	8.6	7.9	0.245	0.495	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	06/11/53-01/08/74	2	2.2	2.2	2.6	1.8	0.32	0.566	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

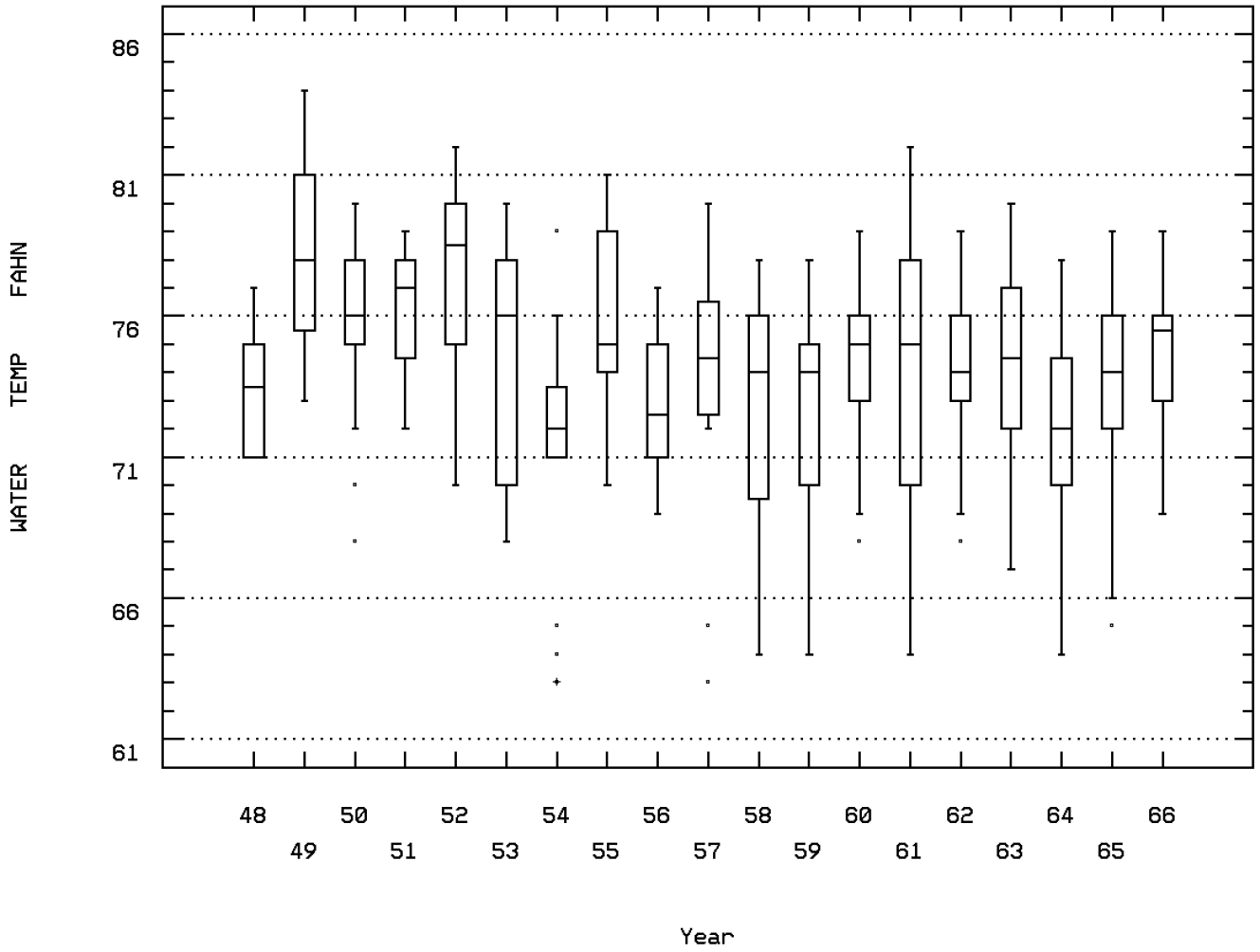
Annual Analysis for 1974 - Station GATE0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300p	OXYGEN, DISSOLVED MG/L	08/16/48-01/08/74	2	7.95	7.95	8.	7.9	0.005	0.071	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	06/11/53-01/08/74	2	2.7	2.7	2.7	2.7	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: GATE0036 Parameter Code: 00011

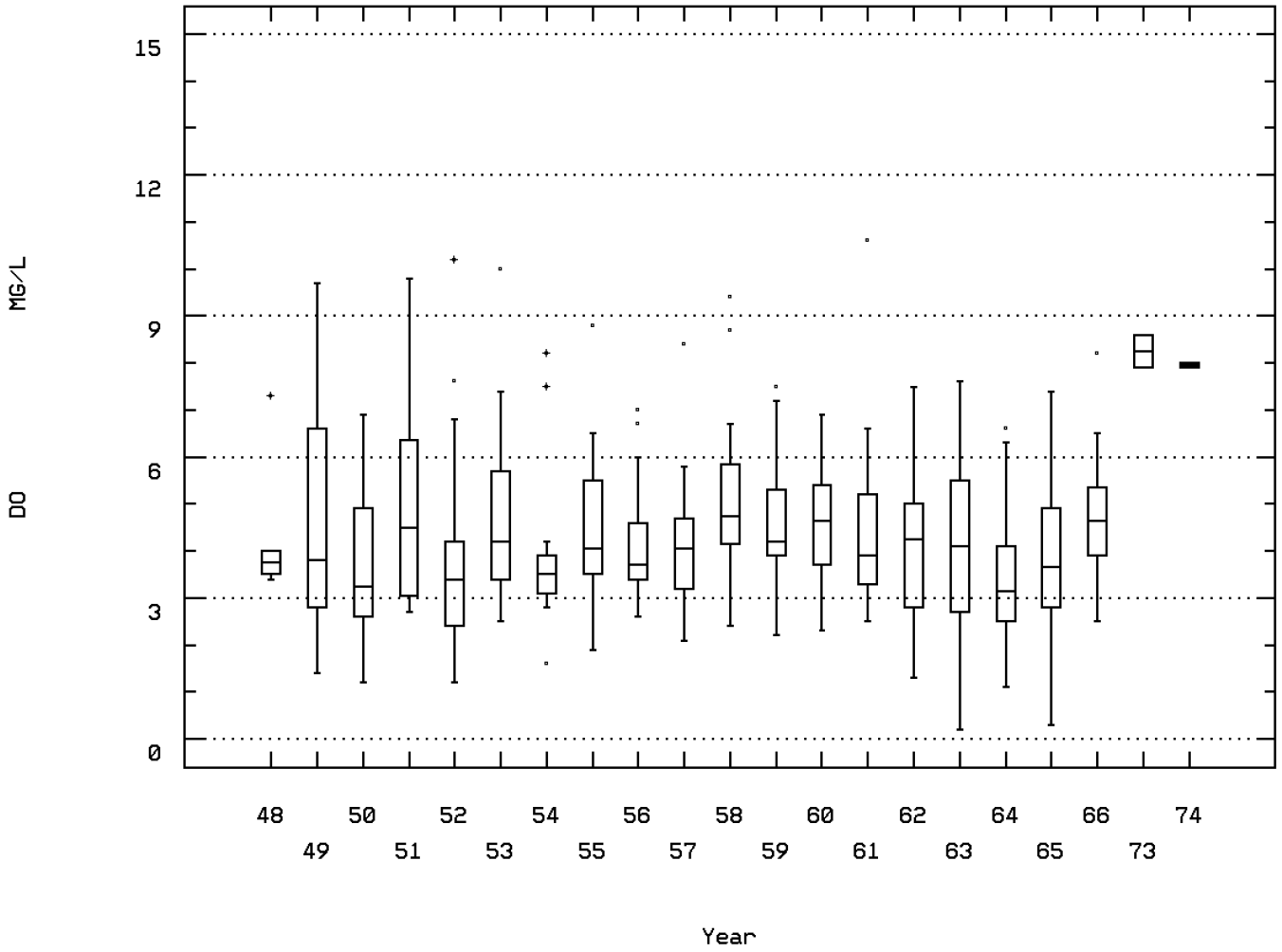
TEMPERATURE, WATER (DEGREES FAHRENHEIT)



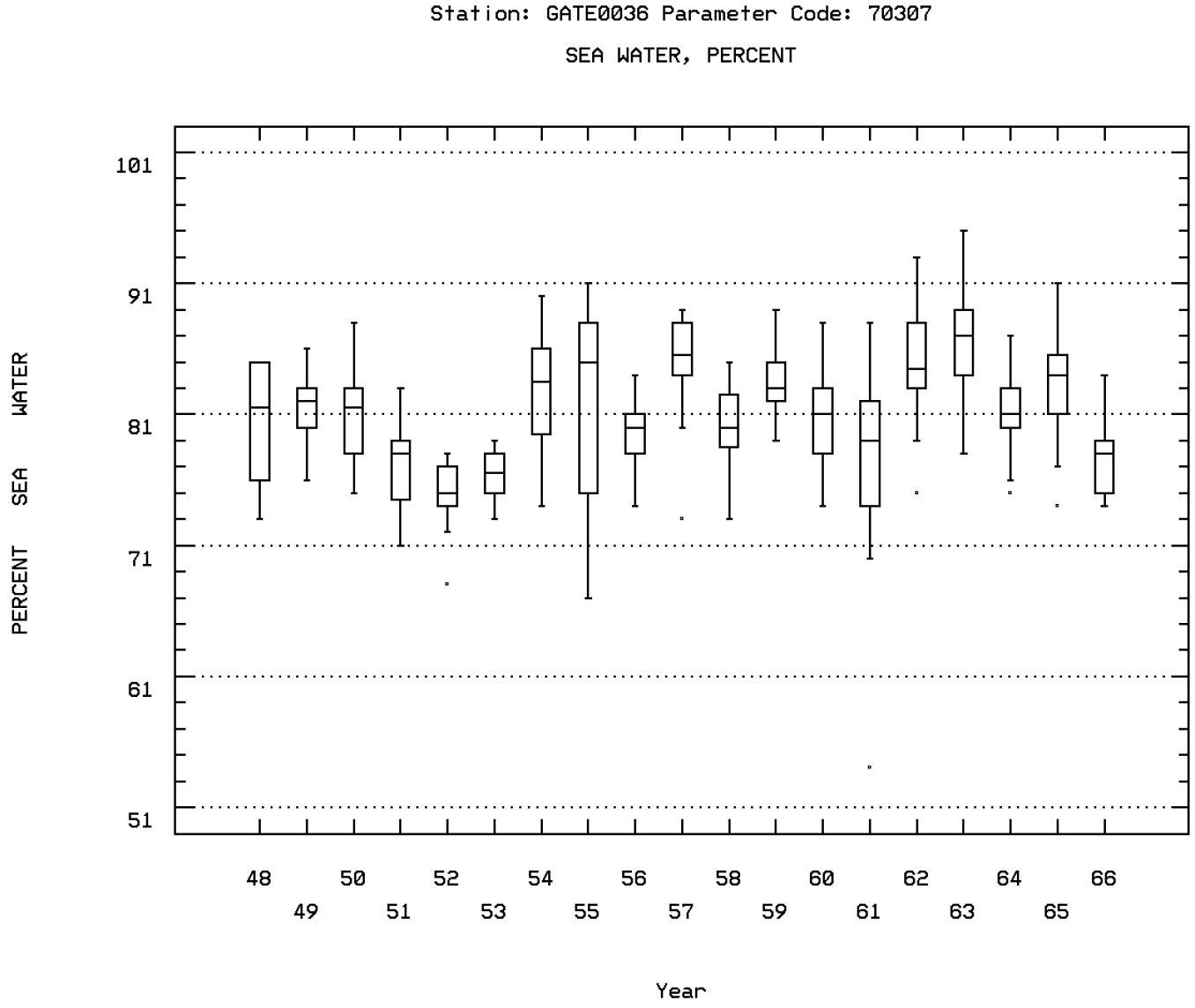
JAMAICA BAY

Station: GATE0036 Parameter Code: 00300

OXYGEN, DISSOLVED



JAMAICA BAY


Station: GATE0036 Parameter Code: 70307
SEA WATER, PERCENT
PERCENT SEA WATER
101
91
81
71
61
51
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
66
Year

JAMAICA BAY

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	08/16/48-09/15/66	202	75.	74.51	84.	63.	12.649	3.557	70.	72.75	77.	79.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/11/53-09/15/66	139	9300.	30091.835	350000.	0.	2634085619.255	51323.344	900.	2300.	46000.	110000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/11/53-09/15/66	139	3.968	3.932	5.544	0.	0.745	0.863	2.954	3.362	4.663	5.041
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			8559.795								
70307	SEA WATER, PERCENT	08/16/48-09/15/66	202	81.	81.203	93.	67.	24.76	4.976	75.	78.	85.	88.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	08/16/48-09/15/66	184	74.	73.745	82.	63.	17.874	4.228	68.	71.	77.	79.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/11/53-09/15/66	137	9300.	27979.307	160000.	15.	1544769588.67	39303.557	900.	2300.	35200.	110000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/11/53-09/15/66	137	3.968	3.94	5.204	1.176	0.593	0.77	2.954	3.362	4.525	5.041
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			8707.09								
70307	SEA WATER, PERCENT	08/16/48-09/15/66	186	81.	80.72	95.	54.	25.727	5.072	74.	78.	84.	87.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0037

NPS Station ID: GATE0037
Location: JAMAICA BAY
Station Type: /TYPA/AMBNT/ESTURY
RMI-Indexes:
RMI-Miles:
HUC: 02030202
Major Basin: MOUTH OF BERGEN BASIN
Minor Basin: BTWN BLACK CAN 3&RED NUN 2
RF1 Index: 02030202028
RF3 Index: 02030202002709.04
Description:

LAT/LON: 40.645003/ -73.821670
Depth of Water: 22
Elevation: 0
RF1 Mile Point: 24.840
RF3 Mile Point: 11.15

Agency: REGII208
FIPS State/County: 36081 NEW YORK/QUEENS
STORET Station ID(s): NYC001J7 /J7
Within Park Boundary: Yes
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.15

Date Created: 05/25/78
On/Off RF1: OFF
On/Off RF3:

Parameter Inventory for Station: GATE0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/15/76-07/18/77	4	13.05	13.15	25.8	0.7	195.497	13.982	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	12/15/76-07/18/77	4	8.45	7.825	11.7	2.7	18.356	4.284	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	12/15/76-07/18/77	2	5.7	5.7	7.4	4.	5.78	2.404	**	**	**	**
00400	PH (STANDARD UNITS)	12/15/76-12/15/76	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/15/76-12/15/76	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/15/76-12/15/76	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	12/15/76-07/18/77	2	8.	8.	9.	7.	2.	1.414	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/15/76-07/18/77	2	1.165	1.165	1.33	1.	0.054	0.233	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/15/76-07/18/77	2	0.053	0.053	0.057	0.048	0.	0.006	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/15/76-07/18/77	2	0.113	0.113	0.18	0.045	0.009	0.095	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/15/76-07/18/77	2	2.07	2.07	2.14	2.	0.01	0.099	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/15/76-07/18/77	2	0.358	0.358	0.405	0.31	0.005	0.067	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	12/15/76-07/18/77	4	14750.	14650.	14800.	14300.	56666.667	238.048	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	12/15/76-12/15/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	12/15/76-12/15/76	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	12/15/76-12/15/76	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	12/15/76-12/15/76	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	12/15/76-12/15/76	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	12/15/76-12/15/76	1	25.	25.	25.	25.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	12/15/76-07/18/77	2	12000.	12000.	13000.	11000.	2000000.	1414.214	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	12/15/76-07/18/77	2	4.078	4.078	4.114	4.041	0.003	0.051	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			11958.261								
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/15/76-07/18/77	2	5.	5.	5.	5.	0.	0.	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/15/76-07/18/77	2	0.699	0.699	0.699	0.699	0.	0.	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			5.								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/15/76-07/18/77	2	5.	5.	5.	5.	0.	0.	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/15/76-07/18/77	2	0.699	0.699	0.699	0.699	0.	0.	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			5.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/15/76-07/18/77	2	1850.	1850.	2300.	1400.	405000.	636.396	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/15/76-07/18/77	2	3.254	3.254	3.362	3.146	0.023	0.152	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1794.436								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	12/15/76-07/18/77	2	0.205	0.205	0.25	0.16	0.004	0.064	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	12/15/76-12/15/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0037

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	1	0.25				2	0	0.00	2	1	0.50			
00400	PH	Other-Hi Lim.	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
01027	CADMIUM, TOTAL	Marine Acute	43.	1	0	0.00				1	0	0.00						
01042	COPPER, TOTAL	Marine Acute	2.9	1	1	1.00				1	1	1.00						
01051	LEAD, TOTAL	Marine Acute	220.	1	0	0.00				1	0	0.00						
01067	NICKEL, TOTAL	Marine Acute	75.	1	0	0.00				1	0	0.00						
01092	ZINC, TOTAL	Marine Acute	95.	1	0	0.00				1	0	0.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	2	1.00				1	1	1.00	1	1	1.00			
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	2	0	0.00				1	0	0.00	1	0	0.00			
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	2	0	0.00				1	0	0.00	1	0	0.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	2	2	1.00				1	1	1.00	1	1	1.00			
71900	MERCURY, TOTAL	Marine Acute	2.1	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0038

NPS Station ID: GATE0038
LAT/LON: 40.647781/ -73.822226
Agency: 31ISC2RS
Date Created: 11/07/81
Location: JAMAICA BAY
FIPS State/County: 36081 NEW YORK/QUEENS
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): JB-07 /JB07 /1007
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02030202
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METROPOLITAN AREA
ECO Region:
RF1 Index: 02030202028
RF1 Mile Point: 24.840
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02030202002709.04
RF3 Mile Point: 18.61
Distance from RF3: 0.17
On/Off RF3:
Description:
AICA BAY AT MOUTH OF BERGEN BASIN, SOUTHEAST OF SLUDGE STORAGE TANK

Parameter Inventory for Station: GATE0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-08/11/86	97	19.8	16.9	29.	0.	64.104	8.007	4.	10.25	23.75	25.52
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-08/11/86	87	2.	2.575	9.	0.	1.898	1.378	1.	2.	3.	4.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-08/11/86	89	40000.	39662.921	50000.	26000.	27430541.369	5237.417	32500.	35500.	43500.	46000.
00300	OXYGEN, DISSOLVED MG/L	07/30/74-08/11/86	98	7.55	8.284	15.8	3.4	9.441	3.073	5.18	6.	9.625	13.82
00310	BOD, 5 DAY, 20 DEG C MG/L	07/30/74-02/22/82	51	4.1	4.678	11.	0.7	5.743	2.397	1.62	3.1	6.2	7.98
00400	PH (STANDARD UNITS)	02/19/75-05/26/82	64	7.6	7.692	8.7	7.	0.136	0.369	7.3	7.5	7.8	8.35
00400	CONVERTED PH (STANDARD UNITS)	02/19/75-05/26/82	64	7.6	7.575	8.7	7.	0.15	0.387	7.3	7.5	7.8	8.35
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/19/75-05/26/82	64	0.025	0.027	0.1	0.002	0.	0.017	0.004	0.016	0.032	0.05
00560	OIL & GREASE (FREON EXTR.-IR METHOD) TOT,REC,MG/L	08/13/75-08/11/86	17	0.3	0.588	2.8	0.	0.464	0.681	0.08	0.2	0.9	1.52
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/13/74-08/11/86	38	0.68	0.893	2.4	0.06	0.434	0.658	0.221	0.35	1.408	2.002
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/13/74-12/10/75	12	0.095	0.095	0.16	0.05	0.001	0.033	0.053	0.073	0.1	0.157
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/13/74-12/10/75	12	0.525	0.677	1.33	0.29	0.127	0.356	0.317	0.443	0.928	1.33
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/22/76-08/11/86	13	0.99	1.263	3.59	0.2	1.108	1.052	0.276	0.42	2.095	3.182
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/14/76-08/11/86	26	0.195	0.232	0.71	0.02	0.023	0.153	0.081	0.128	0.268	0.492
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/22/76-08/11/86	24	0.205	0.238	1.	0.05	0.035	0.186	0.07	0.155	0.288	0.37
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/13/74-08/11/86	37	0.13	0.173	0.86	0.005	0.025	0.159	0.02	0.07	0.235	0.37
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	86	10.	11.209	26.	3.	25.956	5.095	6.	7.	15.	18.
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	91	33.	33.44	45.	19.	17.182	4.145	29.	31.	35.	40.
00940	CHLORIDE,TOTAL IN WATER MG/L	07/30/74-04/09/75	12	13700.	13683.333	15200.	11500.	959696.97	979.641	11800.	13350.	14400.	15020.
01000	ARSENIC, DISSOLVED (UG/L AS AS)	04/23/79-04/23/79	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	12/10/75-08/11/86	14 ##	1.5	3.071	10.	1.	7.61	2.759	1.	1.	5.	8.
01025	CADMIUM, DISSOLVED (UG/L AS CD)	04/14/76-03/15/82	16	0.5	0.453	1.	0.25	0.052	0.228	0.25	0.25	0.5	0.86
01027	CADMIUM, TOTAL (UG/L AS CD)	08/13/74-08/11/86	33	1.	1.382	5.	0.25	1.369	1.17	0.25	0.5	2.	3.
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	04/14/76-03/15/82	16 ##	2.5	1.75	2.5	0.5	0.8	0.894	0.5	1.	2.5	2.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/13/74-08/11/86	34 ##	2.5	3.294	21.	0.5	12.305	3.508	0.75	2.375	3.	6.
01035	COBALT, DISSOLVED (UG/L AS CO)	07/22/76-03/15/82	10 ##	0.75	3.15	13.	0.5	16.558	4.069	0.5	0.5	5.25	12.3
01037	COBALT, TOTAL (UG/L AS CO)	12/05/74-03/02/83	17	2.	3.206	13.	0.5	12.127	3.482	0.5	0.5	5.	8.2
01040	COPPER, DISSOLVED (UG/L AS CU)	04/14/76-03/15/82	15	15.	15.433	37.	0.5	81.317	9.018	3.8	10.	17.	33.4
01042	COPPER, TOTAL (UG/L AS CU)	08/13/74-08/11/86	35	28.	35.314	145.	1.	873.516	29.555	7.8	19.	42.	72.4
01045	IRON, TOTAL (UG/L AS FE)	12/05/74-08/11/86	21	123.	132.905	416.	18.	5889.29	76.742	68.4	95.	157.	186.
01046	IRON, DISSOLVED (UG/L AS FE)	07/22/76-03/15/82	10	14.	34.6	193.	6.	3200.489	56.573	6.1	8.5	33.5	177.2
01049	LEAD, DISSOLVED (UG/L AS PB)	04/14/76-03/15/82	16	5.	6.813	20.	2.5	26.729	5.17	2.5	2.5	10.	16.5
01051	LEAD, TOTAL (UG/L AS PB)	08/13/74-08/11/86	33	14.	17.712	50.	2.5	170.079	13.041	2.5	8.5	27.5	40.
01065	NICKEL, DISSOLVED (UG/L AS NI)	04/14/76-03/15/82	16	5.	5.563	15.	2.5	12.563	3.544	2.5	2.5	6.75	11.5
01067	NICKEL, TOTAL (UG/L AS NI)	08/13/74-08/11/86	34	9.5	18.676	110.	2.5	577.089	24.023	2.5	5.	21.	52.5
01075	SILVER, DISSOLVED (UG/L AS AG)	07/22/76-03/15/82	10 ##	0.5	0.8	2.	0.5	0.233	0.483	0.5	0.5	1.	1.9

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GATE0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01077	SILVER, TOTAL (UG/L AS AG)	12/05/74-08/11/86	22	1.	5.841	69.	0.5	223.2	14.94	0.5	1.	2.25	19.1
01090	ZINC, DISSOLVED (UG/L AS ZN)	04/14/76-03/15/82	13	31.	30.308	67.	3.	337.564	18.373	4.2	18.5	35.	64.6
01092	ZINC, TOTAL (UG/L AS ZN)	08/13/74-08/11/86	35	52.	63.629	250.	1.	2952.77	54.339	10.2	27.	84.	135.
01100	TIN, DISSOLVED (UG/L AS SN)	03/09/77-07/22/81	8 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01102	TIN, TOTAL (UG/L AS SN)	12/05/74-03/02/83	12 ##	25.	33.333	100.	25.	492.424	22.191	25.	25.	25.	85.
01105	ALUMINUM, TOTAL (UG/L AS AL)	12/05/74-03/02/83	16	46.5	63.813	341.	5.	6507.763	80.671	5.	12.5	78.75	179.3
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/22/76-03/15/82	10	27.5	28.8	68.	5.	342.178	18.498	5.5	17.5	35.	66.2
31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	06/08/77-09/09/82	14	2700.	3968.214	18000.	5.	23219875	412 4818.701	27.5	425.	5650.	12950.
31504	LOG COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,	06/08/77-09/09/82	14	3.416	3.084	4.255	0.699	0.959	0.979	1.199	2.599	3.75	4.076
31504	GM COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,3	GEOMETRIC MEAN =			1214.227								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/02/83-08/11/86	10	9750.	11151.	24000.	330.	112837232.222	10622.487	346.	715.	24000.	24000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/02/83-08/11/86	10	3.874	3.658	4.38	2.519	0.563	0.75	2.536	2.846	4.38	4.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			4549.346								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	08/13/74-09/09/82	38	280.	5110.921	100000.	5.	315156275.48	17752.641	48.	97.5	1207.5	6760.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	08/13/74-09/09/82	38	2.447	2.596	5.	0.699	0.809	0.899	1.677	1.989	3.05	3.787
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			394.642								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/02/83-08/11/86	10	1045.	3477.	9200.	130.	16494178.889	4061.303	150.	330.	9200.	9200.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/02/83-08/11/86	10	3.006	3.15	3.964	2.114	0.46	0.678	2.154	2.519	3.964	3.964
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1411.107								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/27/74-08/11/86	43	23.	37.465	166.	0.	1573.969	39.673	1.4	9.	56.	104.6
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	08/27/74-08/11/86	43	3.	4.256	19.	0.	17.814	4.221	0.	1.	7.	9.
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	08/27/74-08/11/86	43	18.	28.186	157.	0.	1049.584	32.397	0.	6.	43.	68.2
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	08/27/75-08/25/81	7 ##	0.5	2.143	6.	0.5	5.643	2.375	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	08/13/74-08/11/86	31	0.1	0.184	0.6	0.05	0.026	0.162	0.05	0.05	0.3	0.48

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0038

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	87	0	0.00	28	0	0.00	24	0	0.00	35	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	98	5	0.05	35	3	0.09	26	1	0.04	37	1	0.03			
00400	PH	Other-Hi Lim.	8.5	64	4	0.06	18	0	0.00	17	3	0.18	29	1	0.03			
		Other-Lo Lim.	6.5	64	0	0.00	18	0	0.00	17	0	0.00	29	0	0.00			
01000	ARSENIC, DISSOLVED	Marine Acute	69.	1	0	0.00							1	0	0.00			
01002	ARSENIC, TOTAL	Marine Acute	69.	14	0	0.00	5	0	0.00	7	0	0.00	2	0	0.00			
01025	CADMIUM, DISSOLVED	Marine Acute	43.	16	0	0.00	4	0	0.00	7	0	0.00	5	0	0.00			
01027	CADMIUM, TOTAL	Marine Acute	43.	33	0	0.00	12	0	0.00	13	0	0.00	8	0	0.00			
01040	COPPER, DISSOLVED	Marine Acute	2.9	15	14	0.93	3	2	0.67	7	7	1.00	5	5	1.00			
01042	COPPER, TOTAL	Marine Acute	2.9	35	34	0.97	13	12	0.92	14	14	1.00	8	8	1.00			
01049	LEAD, DISSOLVED	Marine Acute	220.	16	0	0.00	4	0	0.00	7	0	0.00	5	0	0.00			
01051	LEAD, TOTAL	Marine Acute	220.	33	0	0.00	11	0	0.00	14	0	0.00	8	0	0.00			
01065	NICKEL, DISSOLVED	Marine Acute	75.	16	0	0.00	4	0	0.00	7	0	0.00	5	0	0.00			
01067	NICKEL, TOTAL	Marine Acute	75.	34	2	0.06	13	2	0.15	13	0	0.00	8	0	0.00			
01075	SILVER, DISSOLVED	Marine Acute	0.12	4 &	4	1.00	2	2	1.00	1	1	1.00	1	1	1.00			
01077	SILVER, TOTAL	Marine Acute	0.12	19 &	19	1.00	8	8	1.00	7	7	1.00	4	4	1.00			
01090	ZINC, DISSOLVED	Marine Acute	95.	13	0	0.00	3	0	0.00	6	0	0.00	4	0	0.00			
01092	ZINC, TOTAL	Marine Acute	95.	35	6	0.17	13	3	0.23	14	2	0.14	8	1	0.13			
31504	COLIFORM,TOT,MEMBRANE FILTR,IMMED. LES-E	Other-Hi Lim.	1000.	14	9	0.64	5	5	1.00	3	2	0.67	6	2	0.33			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	10	7	0.70	3	2	0.67	4	4	1.00	3	1	0.33			
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	38	24	0.63	14	6	0.43	9	8	0.89	15	10	0.67			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	10	9	0.90	3	3	1.00	4	4	1.00	3	2	0.67			
71900	MERCURY, TOTAL	Marine Acute	2.1	31	0	0.00	12	0	0.00	13	0	0.00	6	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1974 - Station GATE0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-08/11/86	8	17.65	16.85	24.4	7.2	43.051	6.561	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-08/11/86	3	40000.	40166.667	43000.	37500.	7583333.333	2753.785	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/30/74-08/11/86	8	6.65	7.188	12.	4.	8.758	2.959	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	7	13.	13.429	26.	5.	52.952	7.277	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	8	37.5	37.75	44.	31.	19.357	4.4	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GATE0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-08/11/86	14	19.5	17.207	27.	4.	71.431	8.452	4.3	9.175	25.475	26.6
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-08/11/86	14	3.	3.929	9.	2.	4.841	2.2	2.	2.75	4.5	8.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-08/11/86	14	35000.	35285.714	40000.	30000.	7335164.835	2708.351	31000.	33875.	36625.	40000.
00300	OXYGEN, DISSOLVED MG/L	07/30/74-08/11/86	14	6.55	7.407	13.8	3.8	9.865	3.141	3.9	4.9	9.2	13.3
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	10	12.5	12.5	21.	7.	18.5	4.301	7.1	8.75	16.	20.5
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	13	37.	37.385	43.	33.	9.256	3.042	33.	35.	40.	42.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station GATE0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-08/11/86	9	20.5	19.2	26.	8.	39.91	6.317	8.	13.9	24.	26.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-08/11/86	9	3.	3.	6.	2.	1.75	1.323	2.	2.	3.5	6.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-08/11/86	8	38750.	39187.5	45000.	34000.	14852678.571	3853.917	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/30/74-08/11/86	9	7.4	7.844	14.2	3.6	10.248	3.201	3.6	5.7	9.8	14.2
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	9	10.	10.	17.	6.	15.	3.873	6.	6.5	13.	17.
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	9	34.	35.667	45.	32.	17.5	4.183	32.	33.	37.5	45.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GATE0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-08/11/86	11	18.9	17.418	25.6	4.8	36.894	6.074	6.14	12.4	22.	24.96
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-08/11/86	11	2.	2.455	4.	2.	0.473	0.688	2.	2.	3.	3.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-08/11/86	10	43000.	41450.	44000.	36000.	8913888.889	2985.614	36100.	38500.	43625.	44000.
00300	OXYGEN, DISSOLVED MG/L	07/30/74-08/11/86	11	7.	7.791	14.	5.5	7.509	2.74	5.52	5.6	8.4	13.56
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	8	7.5	7.25	10.	3.	5.357	2.315	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	10	31.5	31.8	34.	29.	2.844	1.687	29.1	30.75	33.25	34.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GATE0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-08/11/86	11	21.5	17.618	29.	0.	71.352	8.447	1.76	12.8	24.5	28.2
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-08/11/86	11	2.	2.273	5.	1.	1.218	1.104	1.	2.	3.	4.6
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-08/11/86	11	42000.	39227.273	45000.	32000.	22418181.818	4734.784	32100.	34000.	43000.	44700.
00300	OXYGEN, DISSOLVED MG/L	07/30/74-08/11/86	11	7.6	8.664	14.4	5.8	8.785	2.964	5.84	7.	9.2	14.36

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GATE0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	11	8.	8.636	14.	6.	7.055	2.656	6.	7.	10.	13.8
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	11	30.	30.455	37.	29.	5.473	2.339	29.	29.	31.	35.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station GATE0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-08/11/86	10	16.5	15.55	26.	1.	72.692	8.526	1.5	9.	24.25	25.9
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-08/11/86	10	2.	2.4	4.	2.	0.489	0.699	2.	2.	3.	3.9
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-08/11/86	9	42000.	42555.556	49000.	37000.	12590277.778	3548.278	37000.	40250.	45000.	49000.
00300	OXYGEN, DISSOLVED MG/L	07/30/74-08/11/86	10	8.4	8.78	13.2	5.4	8.12	2.849	5.4	6.	11.95	13.12
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	9	9.	9.889	15.	4.	12.861	3.586	4.	7.	13.	15.
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	9	32.	32.333	38.	28.	14.5	3.808	28.	28.5	36.	38.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GATE0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-08/11/86	8	18.	13.375	24.5	0.	116.554	10.796	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-08/11/86	8	2.	1.875	2.	1.	0.125	0.354	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-08/11/86	7	42000.	41785.714	46000.	31000.	25821428.571	5081.479	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/30/74-08/11/86	8	7.9	8.55	14.	7.1	5.191	2.278	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	7	11.	11.	17.	7.	11.	3.317	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	6	33.	33.667	38.	32.	5.067	2.251	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station GATE0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-08/11/86	10	20.	16.	25.	2.	73.722	8.586	2.	7.625	22.5	24.75
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-08/11/86	10	2.	2.2	5.	1.	1.289	1.135	1.	1.75	2.25	4.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-08/11/86	10	47000.	46550.	50000.	40000.	9802777.778	3130.939	40300.	44500.	49000.	49900.
00300	OXYGEN, DISSOLVED MG/L	07/30/74-08/11/86	10	6.85	8.05	13.5	5.4	9.203	3.034	5.41	5.725	10.375	13.45
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	10	19.	19.1	24.	15.	7.878	2.807	15.1	16.75	21.25	23.8
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	10	33.	32.5	36.	28.	6.722	2.593	28.1	30.5	34.25	35.9

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station GATE0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-08/11/86	5	15.	13.42	24.	2.8	77.262	8.79	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-08/11/86	5	1.	1.2	2.	0.	0.7	0.837	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-08/11/86	5	40000.	40200.	45000.	32000.	26200000.	5118.594	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/30/74-08/11/86	5	8.2	10.52	15.8	8.	12.572	3.546	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	5	9.	10.2	17.	4.	36.7	6.058	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	5	29.	30.8	36.	28.	10.7	3.271	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station GATE0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-08/11/86	5	25.	22.3	26.	10.5	43.7	6.611	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-08/11/86	4	2.5	2.5	4.	1.	1.667	1.291	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-08/11/86	4	39000.	38500.	40000.	36000.	3666666.667	1914.854	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/30/74-08/11/86	4	6.25	5.675	6.8	3.4	2.409	1.552	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	4	10.	8.75	12.	3.	18.25	4.272	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	4	31.5	29.25	35.	19.	49.583	7.042	**	**	**	**

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Annual Analysis for 1984 - Station GATE0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-08/11/86	2	13.5	13.5	23.	4.	180.5	13.435	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-08/11/86	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-08/11/86	2	35000.	35000.	39000.	31000.	32000000.	5656.854	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/30/74-08/11/86	2	11.45	11.45	14.	8.9	13.005	3.606	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	2	13.	13.	18.	8.	50.	7.071	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	2	31.5	31.5	33.	30.	4.5	2.121	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GATE0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-08/11/86	2	13.	13.	21.	5.	128.	11.314	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-08/11/86	2	2.5	2.5	3.	2.	0.5	0.707	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-08/11/86	2	34500.	34500.	35000.	34000.	500000.	707.107	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/30/74-08/11/86	2	13.	13.	14.	12.	2.	1.414	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	2	8.	8.	11.	5.	18.	4.243	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	2	31.5	31.5	34.	29.	12.5	3.536	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GATE0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-08/11/86	2	25.65	25.65	25.8	25.5	0.045	0.212	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-08/11/86	2	2.5	2.5	3.	2.	0.5	0.707	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-08/11/86	4	30000.	30250.	35000.	26000.	19583333.333	4425.306	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/30/74-08/11/86	4	9.3	9.525	14.	5.5	21.236	4.608	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	2	8.5	8.5	11.	6.	12.5	3.536	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	2	33.	33.	35.	31.	8.	2.828	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-08/11/86	35	23.5	22.483	29.	14.1	11.316	3.364	18.3	19.8	25.	26.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-08/11/86	28	2.	2.143	4.	1.	0.571	0.756	1.	2.	3.	3.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-08/11/86	28	40750.	40535.714	49000.	27000.	21609788.36	4648.633	33450.	37875.	43500.	45200.
00300	OXYGEN, DISSOLVED MG/L	07/30/74-08/11/86	35	6.2	6.414	12.	3.4	2.313	1.521	4.48	5.5	7.3	8.
00310	BOD, 5 DAY, 20 DEG C MG/L	07/30/74-02/22/82	17	3.6	3.918	10.9	0.7	5.725	2.393	1.42	2.2	4.85	7.62
00400	PH (STANDARD UNITS)	02/19/75-05/26/82	18	7.5	7.467	7.8	7.	0.039	0.197	7.27	7.3	7.625	7.71
00400	CONVERTED PH (STANDARD UNITS)	02/19/75-05/26/82	18	7.5	7.422	7.8	7.	0.041	0.202	7.27	7.3	7.625	7.71
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/19/75-05/26/82	18	0.032	0.038	0.1	0.016	0.	0.019	0.02	0.024	0.05	0.055
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/13/74-08/11/86	15	0.87	1.057	2.4	0.25	0.5	0.707	0.316	0.4	1.65	2.28
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/14/76-08/11/86	10	0.215	0.251	0.71	0.09	0.03	0.174	0.093	0.158	0.268	0.671
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/22/76-08/11/86	9	0.22	0.236	0.38	0.1	0.008	0.091	0.1	0.18	0.325	0.38
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/13/74-08/11/86	14	0.175	0.193	0.37	0.05	0.01	0.1	0.06	0.125	0.255	0.37
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	33	8.	10.394	26.	3.	28.871	5.373	5.	6.5	13.5	17.6
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	32	33.5	33.875	44.	19.	22.887	4.784	29.	31.	37.75	40.
01027	CADMIUM, TOTAL (UG/L AS CD)	08/13/74-08/11/86	12	1.5	1.783	5.	0.25	1.888	1.374	0.25	0.925	2.75	4.4
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/13/74-08/11/86	13	2.5	2.769	5.	0.5	1.901	1.379	0.7	2.	4.	5.
01042	COPPER, TOTAL (UG/L AS CU)	08/13/74-08/11/86	13	28.	30.769	70.	1.	428.359	20.697	2.6	17.	39.5	69.2
01051	LEAD, TOTAL (UG/L AS PB)	08/13/74-08/11/86	11	10.	14.455	40.	2.5	129.423	11.376	2.5	6.	25.	37.
01067	NICKEL, TOTAL (UG/L AS NI)	08/13/74-08/11/86	13	9.	25.538	110.	2.5	1166.561	34.155	2.5	5.	45.	96.8
01092	ZINC, TOTAL (UG/L AS ZN)	08/13/74-08/11/86	13	62.	66.308	150.	9.	1884.064	43.406	12.2	27.5	100.5	140.
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	08/13/74-09/09/82	14	135.	701.429	5400.	30.	2114490.11	1454.129	30.	50.	487.5	3750.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	08/13/74-09/09/82	14	2.13	2.297	3.732	1.477	0.448	0.669	1.477	1.699	2.687	3.527
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			198.053								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/27/74-08/11/86	15	21.	30.067	107.	1.	1037.781	32.215	3.4	9.	28.	103.4
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	08/27/74-08/11/86	15	4.	5.067	19.	0.	25.638	5.063	0.	1.	9.	13.
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	08/27/74-08/11/86	15	14.	34.533	157.	0.	2115.41	45.994	0.	7.	45.	136.
71900	MERCURY, TOTAL (UG/L AS HG)	08/13/74-08/11/86	12	0.1	0.158	0.5	0.05	0.018	0.135	0.05	0.05	0.2	0.44

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-08/11/86	25	5.	5.756	14.8	0.	16.9	4.111	0.	2.25	9.15	11.48
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-08/11/86	24	2.	3.	8.	1.	2.696	1.642	2.	2.	4.	5.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-08/11/86	25	39000.	38280.	49000.	26000.	28772500.	5364.	31600.	34500.	42500.	45400.
00300	OXYGEN, DISSOLVED MG/L	07/30/74-08/11/86	26	12.5	11.265	15.8	3.8	9.446	3.073	7.31	8.425	14.	14.2
00310	BOD, 5 DAY, 20 DEG C MG/L	07/30/74-02/22/82	14	5.5	5.171	8.8	0.7	5.576	2.361	0.9	3.9	6.825	8.5
00400	PH (STANDARD UNITS)	02/19/75-05/26/82	17	7.8	7.871	8.6	7.2	0.198	0.445	7.36	7.5	8.35	8.52
00400	CONVERTED PH (STANDARD UNITS)	02/19/75-05/26/82	17	7.8	7.693	8.6	7.2	0.232	0.482	7.36	7.5	8.35	8.52
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/19/75-05/26/82	17	0.016	0.02	0.063	0.003	0.	0.017	0.003	0.004	0.032	0.044
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/13/74-08/11/86	10	0.675	0.773	1.65	0.14	0.295	0.543	0.149	0.275	1.4	1.625
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/14/76-08/11/86	6	0.28	0.288	0.52	0.06	0.036	0.189	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/22/76-08/11/86	6	0.135	0.27	1.	0.05	0.134	0.365	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/13/74-08/11/86	10	0.03	0.063	0.23	0.005	0.005	0.07	0.006	0.018	0.103	0.218
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	24	11.	11.542	24.	3.	26.433	5.141	5.5	7.	15.75	19.
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	24	31.5	32.125	37.	28.	7.418	2.724	28.5	30.	35.	35.5
01027	CADMIUM, TOTAL (UG/L AS CD)	08/13/74-08/11/86	13	0.8	1.169	4.	0.25	1.145	1.07	0.25	0.5	2.	3.2
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/13/74-08/11/86	14 ##	2.5	3.964	21.	0.5	27.018	5.198	0.5	2.375	3.	14.5
01042	COPPER, TOTAL (UG/L AS CU)	08/13/74-08/11/86	14	20.5	39.357	145.	6.	1727.016	41.557	7.5	9.	52.	125.
01051	LEAD, TOTAL (UG/L AS PB)	08/13/74-08/11/86	14	17.5	19.536	50.	2.5	219.979	14.832	2.5	5.875	30.	45.
01067	NICKEL, TOTAL (UG/L AS NI)	08/13/74-08/11/86	13	7.	15.692	60.	2.5	298.856	17.287	2.5	5.	22.	52.
01092	ZINC, TOTAL (UG/L AS ZN)	08/13/74-08/11/86	14	49.	67.143	250.	1.	5360.286	73.214	4.5	20.75	78.	229.
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	08/13/74-09/09/82	9	550.	1295.556	4100.	60.	2085577.778	1444.153	60.	240.	2600.	4100.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	08/13/74-09/09/82	9	2.74	2.803	3.613	1.778	0.364	0.603	1.778	2.377	3.414	3.613
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			635.427								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/27/74-08/11/86	10	38.	43.9	137.	0.	2229.433	47.217	0.1	1.75	69.25	134.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	08/27/74-08/11/86	10	2.5	4.2	9.	1.	11.289	3.36	1.	1.	8.	8.9
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	08/27/74-08/11/86	10	34.5	33.6	69.	0.	697.6	26.412	0.6	8.25	61.75	68.8
71900	MERCURY, TOTAL (UG/L AS HG)	08/13/74-08/11/86	13	0.2	0.192	0.5	0.05	0.026	0.162	0.05	0.05	0.35	0.46

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-08/11/86	37	21.5	19.149	27.	8.8	27.249	5.22	10.8	14.75	22.75	25.2
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-08/11/86	35	2.	2.629	9.	0.	2.24	1.497	1.6	2.	3.	4.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-08/11/86	36	40250.	39944.444	50000.	30000.	30511111.111	5523.686	32000.	35000.	44000.	47600.
00300	OXYGEN, DISSOLVED MG/L	07/30/74-08/11/86	37	8.	7.957	14.4	3.6	6.767	2.601	5.08	6.	8.95	12.24
00310	BOD, 5 DAY, 20 DEG C MG/L	07/30/74-02/22/82	20	4.05	4.98	11.	1.	5.685	2.384	2.26	3.425	6.55	7.99
00400	PH (STANDARD UNITS)	02/19/75-05/26/82	29	7.6	7.728	8.7	7.3	0.116	0.34	7.3	7.5	7.85	8.3
00400	CONVERTED PH (STANDARD UNITS)	02/19/75-05/26/82	29	7.6	7.631	8.7	7.3	0.125	0.354	7.3	7.5	7.85	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/19/75-05/26/82	29	0.025	0.023	0.05	0.002	0.	0.013	0.005	0.014	0.032	0.05
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/13/74-08/11/86	13	0.62	0.795	2.2	0.06	0.477	0.691	0.084	0.27	1.215	2.112
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/14/76-08/11/86	10	0.17	0.18	0.38	0.02	0.009	0.095	0.029	0.125	0.24	0.366
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/22/76-08/11/86	9	0.21	0.22	0.33	0.09	0.007	0.082	0.09	0.16	0.305	0.33
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/13/74-08/11/86	13	0.2	0.238	0.86	0.04	0.046	0.214	0.052	0.11	0.29	0.68
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	29	11.	11.862	21.	4.	22.766	4.771	6.	8.	15.5	20.
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	35	33.	33.943	45.	28.	17.938	4.235	29.	31.	36.	40.4
01027	CADMIUM, TOTAL (UG/L AS CD)	08/13/74-08/11/86	8	1.	1.125	3.	0.25	0.893	0.945	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/13/74-08/11/86	7 ##	2.5	2.929	7.	1.	3.536	1.88	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/13/74-08/11/86	8	31.5	35.625	68.	19.	229.982	15.165	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	08/13/74-08/11/86	8	14.5	19.	40.	5.	158.857	12.604	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	08/13/74-08/11/86	8	12.5	12.375	24.	2.5	59.054	7.685	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/13/74-08/11/86	8	39.	53.125	102.	20.	993.268	31.516	**	**	**	**
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	08/13/74-09/09/82	15	240.	11515.667	100000.	5.	757005274.524	27513.729	44.	90.	4000.	68200.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	08/13/74-09/09/82	15	2.38	2.752	5.	0.699	1.372	1.171	1.387	1.954	3.602	4.803
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			564.347								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/27/74-08/11/86	18	23.5	40.056	166.	1.	1773.938	42.118	3.7	12.75	62.75	97.6
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	08/27/74-08/11/86	18	2.	3.611	14.	0.	15.899	3.987	0.	0.	7.	9.5
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	08/27/74-08/11/86	18	18.	19.889	70.	0.	355.987	18.868	0.	3.	32.25	47.5
71900	MERCURY, TOTAL (UG/L AS HG)	08/13/74-08/11/86	6	0.1	0.217	0.6	0.05	0.053	0.229	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0039

NPS Station ID: GATE0039
LAT/LON: 40.605726/ -73.823142
Agency: 11NPSWRD
Date Created: 12/21/96
Location: Broad Channel
FIPS State/County: 36081 NEW YORK/QUEENS
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): GATE_JB-14
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02030202
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METROPOLITAN AREA
ECO Region:
RF1 Index: 02030202
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
Station is located in Broad Channel in Jamaica Bay. The station can be found on the USGS 7.5' Far Rockaway N.Y. quadrangle. To reach the site: Drive boat into Broad Channel and follow the channel to the Nun (green) marker near Goose Pond Marsh by the outflow pier in Broad Channel. Take samples by the outflow pipe. Any data recorded with a depth of 999 indicates that the sample was collected at the bottom. Data recorded with a depth of 0 indicates that the sample was collected at the surface. For additional information on the water quality data stored at this station; contact the Division of Natural Resources at Gateway National Recreation Area - Building 210; Fort Wadsworth; Staten Island N.Y. 10305 (tel. 718-448-5505; fax. 718-448-4015). The park produces an Annual Report summarizing each year's monitoring activities. Data processed and uploaded to STORET by Dean Tucker; NPS Water Resources Division; 1201 Oak Ridge Drive Ste. 250; Fort Collins CO 80525 (tel. 970-225-3516; fax. 970-225-9965).

Parameter Inventory for Station: GATE0039

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/30/89-08/31/93	69	24.8	24.384	30.7	13.4	9.363	3.06	19.8	22.95	26.35	27.9
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/27/92-08/31/93	29	28.	27.821	39.	19.	15.662	3.957	24.	25.	29.5	33.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-08/31/93	68	39150.	38201.471	45300.	19400.	15586415.716	3947.963	34270.	35675.	40700.	41710.
00300	OXYGEN, DISSOLVED MG/L	05/30/89-08/17/93	54	8.7	8.543	18.6	2.5	14.585	3.819	3.35	5.35	10.8	13.75
00406	PH, FIELD, STANDARD UNITS SU	05/30/89-08/31/93	58	8.385	8.15	9.2	6.2	0.563	0.75	6.89	7.5	8.785	8.92
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/30/89-08/31/93	58	8.385	7.417	9.2	6.2	1.109	1.053	6.89	7.5	8.785	8.92
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/89-08/31/93	58	0.004	0.038	0.631	0.001	0.009	0.097	0.001	0.002	0.032	0.129
00480	SALINITY - PARTS PER THOUSAND	05/30/89-08/31/93	68	25.5	24.531	27.5	10.1	7.831	2.798	21.35	23.5	26.375	27.1
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/30/89-08/25/93	69	300.	1345.652	17800.	0.	7397784.407	2719.887	0.	58.	1464.5	4824.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/30/89-08/25/93	69	2.477	2.32	4.25	0.	1.257	1.121	0.	1.763	3.164	3.683
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			208.94								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/30/89-08/31/93	72	58.	885.653	26564.	0.	12587320.962	3547.861	0.	29.	224.75	1255.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/30/89-08/31/93	72	1.763	1.692	4.424	0.	1.254	1.12	0.	1.462	2.351	3.098
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			49.173								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/27/92-08/17/93	8	3.385	7.109	20.46	0.31	53.072	7.285	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0039

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	54	8	0.15	17	3	0.18				37	5	0.14			
00406	PH, FIELD	Other-Hi Lim.	8.5	58	23	0.40	16	3	0.19				42	20	0.48			
		Other-Lo Lim.	6.5	58	1	0.02	16	0	0.00				42	1	0.02			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	69	23	0.33	19	10	0.53				50	13	0.26			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	72	20	0.28	21	8	0.38				51	12	0.24			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1989 - Station GATE0039

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/30/89-08/31/93	12	24.05	23.708	26.3	19.8	3.843	1.96	20.19	22.3	25.175	26.21
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-08/31/93	11	36900.	35881.818	40600.	26400.	14887636.364	3858.45	27880.	34400.	39000.	40300.
00406	PH, FIELD, STANDARD UNITS SU	05/30/89-08/31/93	11	6.9	7.1	8.2	6.2	0.344	0.587	6.28	6.6	7.5	8.12
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/30/89-08/31/93	11	6.9	6.811	8.2	6.2	0.436	0.66	6.28	6.6	7.5	8.12
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/89-08/31/93	11	0.126	0.155	0.631	0.006	0.033	0.18	0.008	0.032	0.251	0.555
00480	SALINITY - PARTS PER THOUSAND	05/30/89-08/31/93	11	21.8	21.627	24.6	17.6	4.264	2.065	17.9	20.4	23.4	24.46
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/30/89-08/25/93	14	1611.5	2554.071	8352.	0.	8370411.918	2893.166	0.	129.	5008.25	7859.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/30/89-08/25/93	14	3.198	2.684	3.922	0.	1.696	1.302	0.	2.101	3.699	3.895
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			483.417								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/30/89-08/31/93	14	111.	543.857	4686.	0.	1539769.363	1240.874	0.	8.25	469.	2981.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/30/89-08/31/93	14	2.024	1.767	3.671	0.	1.378	1.174	0.	0.781	2.671	3.388
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			58.417								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0039

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/30/89-08/31/93	13	24.2	23.146	27.9	13.4	15.076	3.883	15.88	21.	26.05	27.54
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-08/31/93	13	38200.	36707.692	41100.	19400.	32459102.564	5697.289	25200.	35750.	40750.	41060.
00406	PH, FIELD, STANDARD UNITS SU	05/30/89-08/31/93	13	8.3	8.077	9.1	6.8	0.484	0.695	6.96	7.45	8.65	8.98
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/30/89-08/31/93	13	8.3	7.584	9.1	6.8	0.747	0.864	6.96	7.45	8.65	8.98
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/89-08/31/93	13	0.005	0.026	0.158	0.001	0.002	0.044	0.001	0.002	0.036	0.12
00480	SALINITY - PARTS PER THOUSAND	05/30/89-08/31/93	13	23.8	22.8	26.4	10.1	17.152	4.141	14.34	22.45	25.35	26.12
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/30/89-08/25/93	12	643.5	788.333	2278.	0.	565370.424	751.911	34.8	136.75	1268.75	2174.5
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/30/89-08/25/93	12	2.802	2.507	3.358	0.	0.832	0.912	0.619	2.136	3.102	3.336
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			321.712								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/30/89-08/31/93	14	62.5	325.143	1800.	0.	299683.055	547.433	0.	29.	384.25	1503.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/30/89-08/31/93	14	1.795	1.841	3.255	0.	0.934	0.966	0.	1.462	2.532	3.168
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			69.327								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0039

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/30/89-08/31/93	14	26.55	26.457	30.7	21.5	5.92	2.433	22.35	25.1	28.	30.05
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-08/31/93	14	39800.	39750.	45300.	35200.	6784230.769	2604.656	35300.	38450.	40950.	43900.
00406	PH, FIELD, STANDARD UNITS SU	05/30/89-08/31/93	9	8.3	8.478	9.2	7.5	0.284	0.533	7.5	8.2	9.	9.2
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/30/89-08/31/93	9	8.3	8.18	9.2	7.5	0.384	0.62	7.5	8.2	9.	9.2
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/89-08/31/93	9	0.005	0.007	0.032	0.001	0.	0.01	0.001	0.001	0.006	0.032
00480	SALINITY - PARTS PER THOUSAND	05/30/89-08/31/93	14	25.9	25.629	27.4	21.5	2.387	1.545	22.7	25.025	26.675	27.2
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/30/89-08/25/93	14	188.5	399.071	1800.	0.	332045.764	576.234	0.	43.5	494.75	1697.5
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/30/89-08/25/93	14	2.263	1.922	3.255	0.	1.279	1.131	0.	1.323	2.694	3.229
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			83.554								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/30/89-08/31/93	14	58.	210.429	1624.	0.	188301.033	433.937	0.	29.	118.5	1112.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/30/89-08/31/93	14	1.763	1.703	3.211	0.	0.764	0.874	0.	1.462	2.06	2.994
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			50.502								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0039

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/30/89-08/31/93	15	24.6	24.073	29.3	18.	10.569	3.251	18.6	21.4	26.4	28.34
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-08/31/93	15	39700.	38700.	43700.	30500.	13148571.429	3626.096	32780.	35100.	41300.	43100.
00406	PH, FIELD, STANDARD UNITS SU	05/30/89-08/31/93	15	8.53	8.521	9.01	7.49	0.185	0.43	7.736	8.4	8.9	8.95
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/30/89-08/31/93	15	8.53	8.268	9.01	7.49	0.253	0.503	7.736	8.4	8.9	8.95
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/89-08/31/93	15	0.003	0.005	0.032	0.001	0.	0.008	0.001	0.001	0.004	0.02
00480	SALINITY - PARTS PER THOUSAND	05/30/89-08/31/93	15	26.4	26.12	27.5	21.4	2.315	1.521	23.2	26.1	27.1	27.32
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/30/89-08/25/93	15	493.	1393.933	7018.	29.	4136214.21	2033.768	29.	116.	1624.	5852.2
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/30/89-08/25/93	15	2.693	2.686	3.846	1.462	0.537	0.733	1.462	2.064	3.211	3.762
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			485.189								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/30/89-08/31/93	15	58.	2246.533	26564.	0.	47637948.41	6902.025	0.	0.	232.	14262.2
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/30/89-08/31/93	15	1.763	1.59	4.424	0.	1.985	1.409	0.	0.	2.365	4.039
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			38.889								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station GATE0039

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/30/89-08/31/93	15	25.2	24.373	28.2	19.1	7.256	2.694	19.34	24.	26.	27.12
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-08/31/93	15	40000.	39253.333	43000.	34000.	6538380.952	2557.026	34540.	38900.	41200.	41920.
00406	PH, FIELD, STANDARD UNITS SU	05/30/89-08/31/93	10	8.59	8.547	9.1	7.84	0.13	0.361	7.876	8.327	8.795	9.074
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/30/89-08/31/93	10	8.587	8.4	9.1	7.84	0.154	0.393	7.876	8.327	8.795	9.074
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/89-08/31/93	10	0.003	0.004	0.014	0.001	0.	0.004	0.001	0.002	0.005	0.014
00480	SALINITY - PARTS PER THOUSAND	05/30/89-08/31/93	15	25.5	25.547	27.5	24.1	0.774	0.88	24.22	24.9	26.	27.08
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/30/89-08/25/93	14	58.	1509.786	17800.	0.	22204911.566	4712.209	0.	21.75	411.	9700.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/30/89-08/25/93	14	1.763	1.801	4.25	0.	1.528	1.236	0.	1.097	2.48	3.727
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			63.253								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/30/89-08/31/93	15	29.	997.133	13200.	0.	11430316.552	3380.875	0.	0.	200.	5640.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/30/89-08/31/93	15	1.462	1.574	4.121	0.	1.463	1.209	0.	0.	2.301	3.315
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			37.477								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0040

NPS Station ID: GATE0040 | LAT/LON: 40.653754/ -73.823531 | Agency: 11NPSWRD | Date Created: 12/21/96
Location: Bergen Basin | FIPS State/County: 36081 NEW YORK/QUEENS
Station Type: /TYPA/AMBNT/ESTURY | STORET Station ID(s): GATE_JB-16 /BB
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 02030202 | Depth of Water: 0 | Aquifer:
Major Basin: NORTHEAST | Elevation: 0 | Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METROPOLITAN AREA | ECO Region:
RF1 Index: 02030202 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 02030202104200.00 | RF3 Mile Point: 0.00 | Distance from RF3: 4.93 | On/Off RF3:
Description:
Station is located in Bergen Basin Inlet near the JFK outflow pipes opposite Hamilton Beach. The station can be found on the USGS 7.5 minute Jamaica N.Y. quadrangle. To reach the site: Drive boat into Bergen Basin to the JFK outflow pipes which are east of Hamilton Beach and wooden pilings. Take samples facing the JFK retaining buoys. Any data recorded with a depth of 999 indicates that the sample was collected at the bottom. Data recorded with a depth of 0 indicates that the sample was collected at the surface. For additional information on the water quality data stored at this station; contact the Division of Natural Resources at Gateway National Recreation Area - Building 210; Fort Wadsworth; Staten Island N.Y. 10305 (tel. 718-448-5505; fax. 718-448-4015). The park produces an Annual Report summarizing each year's monitoring activities. Data processed and uploaded to STORET by Dean Tucker; NPS WRD; 1201 Oak Ridge Drive Ste. 250; Fort Collins CO 80525 (tel. 970-225-3516; fax. 970-225-9965).

Parameter Inventory for Station: GATE0040

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/31/94-08/26/96	88	22.25	20.575	26.8	3.2	25.23	5.023	12.09	19.725	23.575	25.11
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/31/94-08/26/96	46	23.	20.843	30.6	-2.2	51.093	7.148	6.34	15.	25.7	29.12
00078	TRANSPARENCY, SECCHI DISC (METERS)	06/04/96-08/26/96	13	0.75	0.788	1.5	0.25	0.134	0.366	0.25	0.5	1.	1.4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/31/94-08/26/96	88	28200.	26732.955	40100.	6200.	67805453.239	8234.407	13890.	19650.	33075.	37050.
00300	OXYGEN, DISSOLVED MG/L	02/22/94-08/26/96	86	4.	5.021	12.9	0.	11.629	3.41	0.9	1.975	8.5	9.06
00406	PH, FIELD, STANDARD UNITS SU	01/31/94-08/26/96	88	7.385	7.403	8.5	5.9	0.122	0.349	6.999	7.2	7.67	7.805
00406	CONVERTED PH, FIELD, STANDARD UNITS	01/31/94-08/26/96	88	7.385	7.211	8.5	5.9	0.159	0.399	6.999	7.2	7.67	7.805
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/31/94-08/26/96	88	0.041	0.062	1.259	0.003	0.018	0.133	0.016	0.021	0.063	0.1
00480	SALINITY - PARTS PER THOUSAND	01/31/94-08/26/96	88	20.4	18.676	32.	5.	36.414	6.034	9.23	13.475	23.05	24.93
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/31/94-09/26/94	24	3.75	4.925	10.	0.	14.417	3.797	0.35	1.5	9.75	10.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/01/94-08/26/96	41	0.1	0.144	0.41	0.	0.016	0.125	0.	0.05	0.24	0.328
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/31/94-08/26/96	48	1.55	1.999	10.	0.05	3.573	1.89	0.247	0.418	2.5	3.79
01042	COPPER, TOTAL (UG/L AS CU)	01/31/94-09/26/94	24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/31/94-08/26/96	74	406.	7581.203	240000.	0.	1523428945.999	39031.128	0.	21.75	1574.5	4447.5
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/31/94-08/26/96	74	2.607	2.21	5.38	0.	2.062	1.436	0.	1.097	3.196	3.648
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			162.187								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/31/94-08/26/96	84	565.5	8316.44	240000.	0.	1350013929.045	36742.536	0.	103.25	2593.5	12599.5
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/31/94-08/26/96	84	2.752	2.486	5.38	0.	2.017	1.42	0.	2.013	3.414	4.1
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			306.108								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GATE0040

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/31/94-08/12/96	48	2.24	4.523	47.54	0.	57.512	7.584	0.	0.18	6.545	10.099
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	01/31/94-08/26/96	48 ##	0.025	0.053	1.	0.	0.022	0.148	0.	0.	0.025	0.11
50064	CHLORINE, FREE AVAILABLE (MG/L)	01/31/94-08/26/96	48 ##	0.025	0.053	1.	0.	0.022	0.148	0.	0.	0.025	0.11
50066	CHLORINE, COMBINED AVAILABLE (MG/L)	01/31/94-09/26/94	22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0040

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	86	44	0.51	28	11	0.39	7	1	0.14	51	32	0.63			
00406	PH, FIELD	Other-Hi Lim.	8.5	88	1	0.01	28	0	0.00	8	1	0.13	52	0	0.00			
		Other-Lo Lim.	6.5	88	1	0.01	28	0	0.00	8	0	0.00	52	1	0.02			
01042	COPPER, TOTAL	Marine Acute	2.9	24	0	0.00	6	0	0.00	4	0	0.00	14	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	74	27	0.36	23	10	0.43	8	1	0.13	43	16	0.37			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	84	57	0.68	26	17	0.65	8	2	0.25	50	38	0.76			
50060	CHLORINE, TOTAL RESIDUAL	Marine Acute	0.013	21 &	6	0.29	4	4	1.00	3	2	0.67	14	0	0.00			
50064	CHLORINE, FREE AVAILABLE	Marine Acute	0.013	21 &	6	0.29	4	4	1.00	3	2	0.67	14	0	0.00			
50066	CHLORINE, COMBINED AVAILABLE	Marine Acute	0.013	22	0	0.00	4	0	0.00	4	0	0.00	14	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0041

NPS Station ID: GATE0041
LAT/LON: 40.659726/ -73.823337
Agency: 21NYDECB
Date Created: 03/30/96
Location: Bergen Basin off Jamaica Bay
FIPS State/County: 36081 NEW YORK/QUEENS
Station Type: /TYPA/AMBNT/ESTURY/NET
STORET Station ID(s): 17011B12
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030202
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id: NY00000 Bergen Basin off
Minor Basin: L.HUDSON - NYC
ECO Region:
RF1 Index: 02030202
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0041

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GATE0042

NPS Station ID: GATE0042 LAT/LON: 40.587893/ -73.824393 Agency: 11NYCOR Date Created: 09/08/79
Location: ROCKAWAY IT.BEACH CHNL.EAST OF GIANT BAR MARSH. FIPS State/County: 36081 NEW YORK/QUEENS
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): NYCOR340
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02030202 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METRO AREA ECO Region:
RF1 Index: 02030202028 RF1 Mile Point: 7.640 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02030201000101.63 RF3 Mile Point: 6.96 Distance from RF3: 0.01 On/Off RF3:
Description:
NEW YORK CORPS OF ENGINEERS DREDGING STUDIES

Parameter Inventory for Station: GATE0042

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	11/10/71-11/10/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	11/10/71-11/10/71	1	10.	10.	10.	10.	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	11/10/71-11/10/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GATE0043

NPS Station ID: GATE0043
LAT/LON: 40.585837/ -73.829643
Agency: 11NPSWRD
Date Created: 12/21/96
Location: Beach Channel
FIPS State/County: 36081 NEW YORK/QUEENS
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): GATE_JB-15 /BC
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030202
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METROPOLITAN AREA
ECO Region:
RF1 Index: 02030202
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
Station is located in the Beach Channel off Rockaway Park near the Broad Channel Sewage Treatment Plant. The station can be found on the USGS 7.5' Far Rockaway N.Y. quadrangle. To reach the site: Drive boat into Beach Channel to a location that is approximately 50 meters north of the Broad Channel Sewage Treatment Plant to take samples. Any data recorded with a depth of 999 indicates that the sample was collected at the bottom. Data recorded with a depth of 0 indicates that the sample was collected at the surface. For additional information on the water quality data stored at this station; contact the Division of Natural Resources at Gateway National Recreation Area - Building 210; Fort Wadsworth; Staten Island N.Y. 10305 (tel. 718-448-5505; fax. 718-448-4015). The park produces an Annual Report summarizing each year's monitoring activities. Data processed and uploaded to STORET by Dean Tucker; NPS WRD; 1201 Oak Ridge Drive Ste. 250; Fort Collins CO 80525 (tel. 970-225-3516; fax. 970-225-9965).

Parameter Inventory for Station: GATE0043

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/31/94-08/26/96	88	21.95	20.033	28.3	0.4	30.18	5.494	11.4	17.725	23.725	24.81
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/31/94-08/26/96	45	23.	21.264	30.6	-1.7	44.58	6.677	11.56	16.95	25.8	28.9
00078	TRANSPARENCY, SECCHI DISC (METERS)	06/04/96-08/26/96	13	2.	1.865	2.75	1.	0.298	0.546	1.1	1.25	2.25	2.65
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/31/94-08/26/96	88	34350.	33782.955	40700.	21900.	18194533.699	4265.505	26950.	32700.	36350.	39000.
00300	OXYGEN, DISSOLVED MG/L	02/22/94-08/26/96	84	7.2	7.094	19.1	2.1	8.246	2.872	3.55	4.6	8.9	9.3
00406	PH, FIELD, STANDARD UNITS SU	01/31/94-08/26/96	88	7.75	7.774	8.9	6.8	0.115	0.34	7.4	7.5	7.967	8.2
00406	CONVERTED PH, FIELD, STANDARD UNITS	01/31/94-08/26/96	88	7.75	7.652	8.9	6.8	0.131	0.361	7.4	7.5	7.967	8.2
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/31/94-08/26/96	88	0.018	0.022	0.158	0.001	0.	0.02	0.006	0.011	0.032	0.04
00480	SALINITY - PARTS PER THOUSAND	01/31/94-08/26/96	88	23.45	23.728	31.	10.1	8.616	2.935	20.9	21.725	25.45	27.2
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/31/94-09/26/94	23	1.	1.722	10.	0.	6.097	2.469	0.	0.	2.5	5.54
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/01/94-08/26/96	41	0.2	0.189	0.5	0.	0.017	0.132	0.	0.075	0.295	0.352
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/31/94-08/26/96	48	0.385	1.019	4.	0.01	1.17	1.082	0.098	0.173	2.1	2.5
01042	COPPER, TOTAL (UG/L AS CU)	01/31/94-09/26/94	20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/31/94-08/26/96	90	87.	468.533	13200.	0.	2437895.083	1561.376	0.	29.	290.	810.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/31/94-08/26/96	90	1.94	1.81	4.121	0.	0.981	0.991	0.	1.462	2.462	2.909
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			64.585								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/31/94-08/26/96	90	0.	236.122	15718.	0.	2755641.21	1660.012	0.	0.	58.	140.3
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/31/94-08/26/96	90	0.	0.896	4.196	0.	1.033	1.017	0.	0.	1.763	2.146
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			7.863								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GATE0043

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/31/94-08/12/96	48	2.345	4.383	41.14	0.	52.67	7.257	0.	0.225	4.42	10.828
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	01/31/94-08/26/96	47 ##	0.025	0.086	2.	0.	0.102	0.32	0.	0.	0.025	0.1
50064	CHLORINE, FREE AVAILABLE (MG/L)	01/31/94-08/26/96	47 ##	0.025	0.048	1.	0.	0.021	0.145	0.	0.	0.025	0.1
50066	CHLORINE, COMBINED AVAILABLE (MG/L)	01/31/94-09/26/94	21	0.	0.01	0.1	0.	0.001	0.03	0.	0.	0.	0.08

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0043

				Total	Exceed	Prop.	----------8/01-10/31----------			----------11/01-3/31----------			----------4/01-7/31----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	84	13	0.15	28	5	0.18	6	1	0.17	50	7	0.14			
00406	PH, FIELD	Other-Hi Lim.	8.5	88	2	0.02	28	2	0.07	7	0	0.00	53	0	0.00			
		Other-Lo Lim.	6.5	88	0	0.00	28	0	0.00	7	0	0.00	53	0	0.00			
01042	COPPER, TOTAL	Marine Acute	2.9	20	0	0.00	4	0	0.00	3	0	0.00	13	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	90	7	0.08	30	3	0.10	7	0	0.00	53	4	0.08			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	90	7	0.08	30	3	0.10	7	0	0.00	53	4	0.08			
50060	CHLORINE, TOTAL RESIDUAL	Marine Acute	0.013	20 &	5	0.25	4	3	0.75	2	2	1.00	14	0	0.00			
50064	CHLORINE, FREE AVAILABLE	Marine Acute	0.013	20 &	6	0.30	4	4	1.00	2	2	1.00	14	0	0.00			
50066	CHLORINE, COMBINED AVAILABLE	Marine Acute	0.013	21	2	0.10	4	2	0.50	3	0	0.00	14	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0044

NPS Station ID: GATE0044
LAT/LON: 40.583615/ -73.831116
Agency: 21350000
Date Created: / /
Location: ROCKAWAY INF
FIPS State/County: 36000 NEW YORK/
Station Type: /TYPA/MUN/NTRTMT/OUTFL/LAKE
STORET Station ID(s): 403501007349520/813I
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030202
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-N.Y. METROPOLITAN AREA
ECO Region:
RF1 Index: 02030202027
RF1 Mile Point: 22.010
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02030202002709.04
RF3 Mile Point: 12.36
Distance from RF3: 0.47
On/Off RF3:
Description:
PLANT WAS OPENED IN 1952 AND HAS A PRESENT FLOW OF 14 MGD. IT SERVES THE ROCKAWAY PENINSULA (6259 ACRES) WITH A CONNECTING POPULATION OF 70,000. PRESENT FACILITIES ARE MODIFIED AERATION, SLUDGE DIGESTION, POWER GENERATION AND CHLORINATION.
MONTHLY SUMMARIES OF DATA COLLECTED BY N.Y.C. DEPT. OF PUBLIC WORKS.

Parameter Inventory for Station: GATE0044

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GATE0045

NPS Station ID: GATE0045 | LAT/LON: 40.649892/ -73.831504 | Agency: 11NPSWRD | Date Created: 01/07/97
Location: Howard Beach | FIPS State/County: 36081 NEW YORK/QUEENS
Station Type: /TYPA/AMBNT/ESTURY | STORET Station ID(s): GATE_JB-8A
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 02030202 | Depth of Water: 0 | Aquifer:
Major Basin: NORTHEAST | Elevation: 0 | Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METROPOLITAN AREA | ECO Region:
RF1 Index: 02030202 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 02030202104200.00 | RF3 Mile Point: 0.00 | Distance from RF3: 4.93 | On/Off RF3:
Description:
Station is located just east of 165th Avenue and the Cross Bay Blvd. before the North Channel Bridge near Howard and Hamilton Beach in northern Jamaica Bay. The station can be found on the USGS 7.5 minute Jamaica N.Y. quadrangle. To reach the site: Follow 165th Avenue to where it dead ends adjacent to handball courts in Charles Memorial Park. Go down to shore and take samples near the outflow pipe. Site was only sampled in 1977; thereafter samples were collected at GATE_JB-8. For additional information on the water quality data stored at this station; contact the Division of Natural Resources at Gateway National Recreation Area - Building 210; Fort Wadsworth; Staten Island N.Y. 10305 (tel. 718-448-5505; fax. 718-448-4015). The park produces an Annual Report summarizing each year's monitoring activities. Data processed and uploaded to STORET by Dean Tucker; NPS WRD; 1201 Oak Ridge Drive Ste. 250; Fort Collins CO 80525 (tel. 970-225-3516; fax. 970-225-9965).

Parameter Inventory for Station: GATE0045

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/15/77-08/15/77	12	1067.	3847.417	16667.	100.	34416670.629	5866.572	100.	150.5	4975.	16196.9
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/15/77-08/15/77	12	3.014	3.012	4.222	2.	0.66	0.812	2.	2.171	3.684	4.209
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1029.048								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/21/77-08/18/77	5	442.	695.2	1767.	34.	532495.7	729.723	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/21/77-08/18/77	5	2.645	2.518	3.247	1.531	0.488	0.698	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			329.516								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0045

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	12	6	0.50	3	2	0.67				9	4	0.44			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	5	3	0.60	2	1	0.50				3	2	0.67			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0046

NPS Station ID: GATE0046
LAT/LON: 40.583615/ -73.831670
Agency: 21350000
Date Created: / /
Location: ROCKAWAY EFF
FIPS State/County: 36000 NEW YORK/
Station Type: /TYPA/MUN/TREATD/OUTFL/LAKE
STORET Station ID(s): 403501007349540/813E
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030202
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-N.Y. METROPOLITAN AREA
ECO Region:
RF1 Index: 02030202028
RF1 Mile Point: 7.320
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02030202002709.04
RF3 Mile Point: 16.41
Distance from RF3: 0.08
On/Off RF3:
Description:
PLANT WAS OPENED IN 1952 AND HAS A PRESENT FLOW OF 14 MGD. IT SERVES THE ROCKAWAY PENINSULA (6259 ACRES) WITH A CONNECTING POPULATION OF 70,000. PRESENT FACILITIES ARE MODIFIED AERATION, SLUDGE DIGESTION, POWER GENERATION AND CHLORINATION.
MONTHLY SUMMARIES OF DATA COLLECTED BY N.Y.C. DEPT. OF PUBLIC WORKS.

Parameter Inventory for Station: GATE0046

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GATE0047

NPS Station ID: GATE0047
LAT/LON: 40.653615/ -73.831948
Agency: 21NYDECB
Date Created: 03/30/96
Location: Hawtree Basin off Jamaica Bay
FIPS State/County: 36081 NEW YORK/QUEENS
Station Type: /TYPA/AMBNT/ESTURY/NET
STORET Station ID(s): 17011B20
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030202
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id: NY00000 Hawtree Basin of
Minor Basin: L.HUDSON - NYC
ECO Region:
RF1 Index: 02030202
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0047

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GATE0048

NPS Station ID: GATE0048 | LAT/LON: 40.638504/ -73.833587 | Agency: 11NPSWRD | Date Created: 01/07/97
Location: Concession Stand/Jamaica Bay Wildlife Refuge | FIPS State/County: 36081 NEW YORK/QUEENS
Station Type: /TYPA/AMBNT/ESTURY | STORET Station ID(s): GATE_JB-20
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 02030202 | Depth of Water: 0 | Aquifer:
Major Basin: NORTHEAST | Elevation: 0 | Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METROPOLITAN AREA | ECO Region:
RF1 Index: 02030202 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 02030202104200.00 | RF3 Mile Point: 0.00 | Distance from RF3: 4.93 | On/Off RF3:
Description:
Station is located in Jamaica Bay near the Concession Stand at the southwest corner of the North Channel Bridge in the Jamaica Bay Wildlife Refuge and Jamaica Bay Unit of Gateway National Recreation Area. The station can be found on the USGS 7.5' Jamaica N.Y. quadrangle. Samples were collected at this station only in 1977. For additional information on the water quality data stored at this station; contact the Division of Natural Resources at Gateway National Recreation Area - Building 210; Fort Wadsworth; Staten Island N.Y. 10305 (tel. 718-448-5505; fax. 718-448-4015). The park produces an Annual Report summarizing each year's monitoring activities. Data processed and uploaded to STORET by Dean Tucker; NPS Water Resources Division; 1201 Oak Ridge Drive Ste. 250; Fort Collins CO 80525 (tel. 970-225-3516; PAR13=fax. 970-225-9965).

Parameter Inventory for Station: GATE0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/15/77-08/15/77	13	667.	1869.231	13333.	0.	12878455.859	3588.657	0.	100.	2350.	9119.8
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/15/77-08/15/77	13	2.824	2.315	4.125	0.	2.013	1.419	0.	1.151	3.366	3.854
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			206.717								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/16/77-08/18/77	5	534.	700.2	1600.	0.	483550.2	695.378	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/16/77-08/18/77	5	2.728	2.229	3.204	0.	1.731	1.316	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			169.576								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0048

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	13	5	0.38	3	3	1.00				10	2	0.20			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	5	3	0.60	2	1	0.50				3	2	0.67			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0049

NPS Station ID: GATE0049
LAT/LON: 40.644976/ -73.834143
Agency: 11NPSWRD
Date Created: 12/21/96
Location: North Channel Bridge
FIPS State/County: 36081 NEW YORK/QUEENS
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): GATE_JB-8 /HOWARD_BCH
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02030202
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METROPOLITAN AREA
ECO Region:
RF1 Index: 02030202
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
Station is located just east of the North Channel Bridge near Howard Beach in northern Jamaica Bay. The station can be found on the USGS 7.5' Jamaica N.Y. quadrangle. To reach the site: Drive boat to northern inlet between Cross Bay Boulevard Bridge and the Subway Trestle. Take samples by the green buoy near the Subway Trestle. Any data recorded with a depth of 999 indicates that the sample was collected at the bottom. Data recorded with a depth of 0 indicates that the sample was collected at the surface. For additional information on the water quality data stored at this station; contact the Division of Natural Resources at Gateway National Recreation Area - Building 210; Fort Wadsworth; Staten Island N.Y. 10305 (tel. 718-448-5505; fax. 718-448-4015). The park produces an Annual Report summarizing each year's monitoring activities. Data processed and uploaded to STORET by Dean Tucker; NPS WRD; 1201 Oak Ridge Drive Ste. 250; Fort Collins CO 80525 (tel. 970-225-3516; fax. 970-225-9965).

Parameter Inventory for Station: GATE0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-10/25/94	144	23.3	22.425	27.4	14.	8.83	2.972	17.4	21.3	24.3	25.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/28/92-10/25/94	31	25.	24.574	34.	14.	21.39	4.625	18.	22.	27.2	30.6
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/28/92-08/30/93	29	1.22	1.236	1.98	0.61	0.136	0.369	0.76	0.92	1.41	1.83
00080	COLOR (PLATINUM-COBALT UNITS)	06/07/83-08/30/83	12	30.	31.667	70.	20.	174.242	13.2	20.	25.	30.	61.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-10/25/94	138	36350.	35947.101	41100.	25000.	7920465.99	2814.332	31900.	34275.	38300.	39000.
00300	OXYGEN, DISSOLVED MG/L	06/22/83-10/25/94	117	5.6	5.658	12.	1.1	5.677	2.383	2.58	3.9	7.15	8.72
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/12/83-08/30/83	4	90.5	77.25	107.	21.	1474.917	38.405	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/01/83-08/30/83	14	7.75	7.807	8.7	7.	0.216	0.465	7.1	7.5	8.2	8.55
00403	CONVERTED PH, LAB, STANDARD UNITS	06/01/83-08/30/83	14	7.747	7.598	8.7	7.	0.263	0.513	7.1	7.5	8.2	8.55
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/01/83-08/30/83	14	0.018	0.025	0.1	0.002	0.001	0.027	0.003	0.006	0.032	0.082
00406	PH, FIELD, STANDARD UNITS SU	05/30/89-10/25/94	110	8.1	8.03	9.08	6.1	0.215	0.464	7.501	7.8	8.3	8.537
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/30/89-10/25/94	110	8.1	7.61	9.08	6.1	0.394	0.628	7.501	7.8	8.3	8.537
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/89-10/25/94	110	0.008	0.025	0.794	0.001	0.008	0.089	0.003	0.005	0.016	0.032
00480	SALINITY - PARTS PER THOUSAND	06/01/83-10/25/94	148	24.15	23.978	31.8	18.	4.477	2.116	20.99	22.9	25.5	26.31
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/09/83-08/23/83	2	0.456	0.456	0.664	0.248	0.087	0.294	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/26/83-08/30/83	4	0.114	0.109	0.16	0.05	0.002	0.049	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/01/83-08/30/83	12	13591.	13849.25	17618.	12576.	1653038.75	1285.706	12678.	13194.75	13936.25	16683.2
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-10/25/94	198	899.5	1821.934	15800.	0.	5962500.173	2441.823	104.5	332.75	2222.75	5432.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-10/25/94	198	2.954	2.883	4.199	0.	0.471	0.686	2.019	2.522	3.347	3.735

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GATE0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			763.4								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/01/83-08/30/83	14	2400.	5654.286	24000.	920.	47335841.758	6880.105	920.	1205.	9200.	20000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/01/83-08/30/83	14	3.38	3.493	4.38	2.964	0.231	0.481	2.964	3.076	3.964	4.292
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			3112.917								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/01/83-08/30/83	14	1550.	2722.857	9200.	110.	9586314.286	3096.177	195.	492.5	3975.	9200.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/01/83-08/30/83	14	3.185	3.142	3.964	2.041	0.327	0.572	2.244	2.685	3.591	3.964
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1386.864								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-10/25/94	207	174.	712.101	12900.	0.	2049262.596	1431.525	0.	29.	696.	2178.2
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-10/25/94	207	2.241	2.1	4.111	0.	1.04	1.02	0.	1.462	2.843	3.338
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			126.012								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	09/08/83-10/25/94	11	10.94	10.055	24.	0.1	69.098	8.313	0.528	2.26	17.64	23.268
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/09/83-09/08/83	3	0.134	0.092	0.142	0.	0.006	0.08	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0049

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	117	33	0.28	39	11	0.28				78	22	0.28			
00403	PH, LAB	Other-Hi Lim.	8.5	14	1	0.07	5	0	0.00				9	1	0.11			
		Other-Lo Lim.	6.5	14	0	0.00	5	0	0.00				9	0	0.00			
00406	PH, FIELD	Other-Hi Lim.	8.5	110	17	0.15	31	0	0.00				79	17	0.22			
		Other-Lo Lim.	6.5	110	2	0.02	31	0	0.00				79	2	0.03			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	198	93	0.47	62	27	0.44				136	66	0.49			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	14	11	0.79	5	4	0.80				9	7	0.78			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	14	13	0.93	5	5	1.00				9	8	0.89			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	207	96	0.46	65	31	0.48				142	65	0.46			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1980 - Station GATE0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-10/25/94	10	698.	673.4	1510.	11.	276763.822	526.083	14.9	95.75	1080.75	1497.9
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-10/25/94	10	2.842	2.538	3.179	1.041	0.501	0.708	1.107	1.959	3.028	3.175
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			345.431								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-10/25/94	10	5.5	136.1	1133.	0.	123898.1	351.992	0.	0.	80.75	1028.6
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-10/25/94	10	0.521	0.964	3.054	0.	1.266	1.125	0.	0.	1.906	2.944
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			9.196								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station GATE0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-10/25/94	9	70.	563.222	2700.	0.	915321.694	956.724	0.	21.5	1013.	2700.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-10/25/94	9	1.845	1.901	3.431	0.	1.304	1.142	0.	1.04	2.899	3.431
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			79.61								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-10/25/94	12	279.	698.833	3350.	27.	1213080.333	1101.399	27.	45.75	820.	3117.5
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-10/25/94	12	2.445	2.34	3.525	1.431	0.521	0.722	1.431	1.656	2.882	3.491
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			218.828								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station GATE0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-10/25/94	15	210.	1333.467	6500.	3.	3391730.838	1841.665	19.2	48.	2060.	4868.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-10/25/94	15	2.322	2.478	3.813	0.477	0.945	0.972	1.077	1.681	3.314	3.672
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			300.621								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-10/25/94	15	30.	622.8	3300.	2.	959629.314	979.607	3.8	12.	950.	2715.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-10/25/94	15	1.477	1.946	3.519	0.301	1.173	1.083	0.54	1.079	2.978	3.427
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			88.314								

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Annual Analysis for 1983 - Station GATE0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-10/25/94	6	24.	23.333	25.	20.	4.267	2.066	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/22/83-10/25/94	6	6.6	5.583	7.9	1.7	5.618	2.37	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	06/01/83-10/25/94	12	24.6	25.033	31.8	22.7	5.357	2.315	22.88	23.875	25.2	30.12
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-10/25/94	14	1915.	4219.071	15800.	220.	20386312.687	4515.12	343.	1162.75	6400.	13300.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-10/25/94	14	3.281	3.365	4.199	2.342	0.29	0.538	2.505	3.042	3.806	4.116
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2318.287								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-10/25/94	14	660.	2098.357	12900.	84.	12352440.555	3514.604	117.	283.25	2052.5	9675.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-10/25/94	14	2.82	2.913	4.111	1.924	0.372	0.61	2.05	2.445	3.312	3.96
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			819.392								

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Annual Analysis for 1984 - Station GATE0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-10/25/94	13	2717.	3853.	9000.	900.	8909898.167	2984.945	912.	1202.5	6517.	8960.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-10/25/94	13	3.434	3.449	3.954	2.954	0.139	0.373	2.96	3.074	3.814	3.952
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2811.113								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-10/25/94	13	202.	440.231	1805.	3.	338626.026	581.916	27.8	149.	435.	1729.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-10/25/94	13	2.305	2.303	3.256	0.477	0.466	0.683	1.011	2.173	2.602	3.237
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			200.839								

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Annual Analysis for 1985 - Station GATE0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-10/25/94	12	4714.5	4346.167	6666.	156.	6303866.515	2510.75	661.2	2333.	6666.	6666.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-10/25/94	12	3.633	3.501	3.824	2.193	0.221	0.47	2.515	3.368	3.824	3.824
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3171.383								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-10/25/94	14	57.5	1474.357	6666.	0.	6663018.093	2581.282	0.	13.5	2040.75	6666.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-10/25/94	14	1.751	1.983	3.824	0.	1.687	1.299	0.	1.129	3.181	3.824
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			96.091								

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Annual Analysis for 1986 - Station GATE0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-10/25/94	14	194.5	192.071	381.	30.	14341.918	119.758	40.5	66.5	289.25	374.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-10/25/94	14	2.289	2.175	2.581	1.477	0.123	0.351	1.592	1.823	2.46	2.573
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			149.556								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-10/25/94	14	61.5	176.929	715.	0.	59016.687	242.934	0.	13.5	244.25	703.5
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-10/25/94	14	1.78	1.707	2.854	0.	0.817	0.904	0.	1.129	2.377	2.847
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			50.894								

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Annual Analysis for 1987 - Station GATE0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-10/25/94	14	760.5	1349.143	3564.	121.	1315297.516	1146.864	214.5	469.25	2135.25	3472.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-10/25/94	14	2.88	2.96	3.552	2.083	0.183	0.428	2.286	2.671	3.327	3.54
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			911.503								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-10/25/94	14	253.5	523.214	1490.	19.	294568.797	542.742	35.	99.5	1062.75	1487.5
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-10/25/94	14	2.344	2.41	3.173	1.279	0.361	0.6	1.493	1.997	3.026	3.172
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			257.264								

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Annual Analysis for 1988 - Station GATE0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-10/25/94	13	639.	1297.154	6100.	179.	2576301.641	1605.086	292.2	523.	1716.	4630.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-10/25/94	13	2.806	2.92	3.785	2.253	0.154	0.392	2.418	2.716	3.197	3.625
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			831.095								

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Annual Analysis for 1988 - Station GATE0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-10/25/94	13	355.	805.077	4300.	7.	1456907.077	1207.024	11.	67.	1306.	3300.4
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-10/25/94	13	2.55	2.393	3.633	0.845	0.665	0.816	0.999	1.826	3.105	3.482
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			247.15								

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Annual Analysis for 1989 - Station GATE0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-10/25/94	20	23.55	22.18	24.5	17.7	5.807	2.41	18.15	19.5	24.075	24.29
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-10/25/94	20	35450.	35715.	41100.	31500.	7132921.053	2670.753	31980.	33600.	37775.	40220.
00300	OXYGEN, DISSOLVED MG/L	06/22/83-10/25/94	10	5.35	5.64	11.6	1.4	8.083	2.843	1.53	3.825	7.375	11.23
00406	PH, FIELD, STANDARD UNITS SU	05/30/89-10/25/94	14	7.7	7.536	9.	6.1	0.532	0.729	6.2	7.175	7.925	8.55
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/30/89-10/25/94	14	7.7	6.936	9.	6.1	0.918	0.958	6.2	7.175	7.925	8.55
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/89-10/25/94	14	0.02	0.116	0.794	0.001	0.055	0.234	0.004	0.012	0.067	0.648
00480	SALINITY - PARTS PER THOUSAND	06/01/83-10/25/94	20	21.5	21.455	25.	18.	5.302	2.303	18.7	18.925	23.65	24.86
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-10/25/94	14	1663.5	3314.429	14271.	407.	14358538.571	3789.266	453.5	937.5	4358.25	11021.5
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-10/25/94	14	3.22	3.303	4.154	2.61	0.202	0.449	2.654	2.97	3.635	4.022
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2010.429								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-10/25/94	14	420.5	598.	3283.	11.	679446.923	824.286	49.	122.25	736.5	2105.5
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-10/25/94	14	2.624	2.477	3.516	1.041	0.351	0.592	1.49	2.084	2.865	3.242
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			299.876								

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Annual Analysis for 1990 - Station GATE0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-10/25/94	30	23.15	21.95	26.2	14.	12.265	3.502	16.43	18.85	25.025	25.59
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-10/25/94	30	36050.	35960.	39000.	25000.	7010068.966	2647.653	33240.	35475.	37450.	38660.
00300	OXYGEN, DISSOLVED MG/L	06/22/83-10/25/94	26	5.85	5.762	10.4	1.1	6.227	2.495	2.24	3.675	7.6	9.18
00406	PH, FIELD, STANDARD UNITS SU	05/30/89-10/25/94	26	8.25	8.1	8.7	7.2	0.185	0.43	7.4	7.9	8.4	8.7
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/30/89-10/25/94	26	8.247	7.875	8.7	7.2	0.237	0.487	7.4	7.9	8.4	8.7
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/89-10/25/94	26	0.006	0.013	0.063	0.002	0.	0.016	0.002	0.004	0.013	0.04
00480	SALINITY - PARTS PER THOUSAND	06/01/83-10/25/94	28	23.65	23.207	28.	18.9	4.15	2.037	20.59	21.25	24.3	25.14
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-10/25/94	13	928.	1155.308	3060.	29.	798516.064	893.597	151.4	420.5	1641.5	2875.6
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-10/25/94	13	2.968	2.883	3.486	1.462	0.268	0.518	1.887	2.624	3.211	3.457
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			763.701								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-10/25/94	14	145.	392.143	2733.	0.	514439.67	717.244	0.	21.75	469.	1740.5
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-10/25/94	14	2.153	1.827	3.437	0.	1.268	1.126	0.	1.097	2.66	3.155
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			67.152								

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Annual Analysis for 1991 - Station GATE0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-10/25/94	26	24.1	23.915	27.4	17.9	4.608	2.147	21.09	22.7	25.3	26.38
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-10/25/94	26	36100.	36030.769	40100.	30900.	5783815.385	2404.956	32510.	33900.	38125.	39580.
00300	OXYGEN, DISSOLVED MG/L	06/22/83-10/25/94	19	5.7	5.4	8.	2.5	2.562	1.601	2.7	4.	6.8	7.5
00406	PH, FIELD, STANDARD UNITS SU	05/30/89-10/25/94	17	8.1	8.059	8.5	7.8	0.04	0.2	7.8	7.85	8.1	8.42
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/30/89-10/25/94	17	8.1	8.018	8.5	7.8	0.042	0.204	7.8	7.85	8.1	8.42
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/89-10/25/94	17	0.008	0.01	0.016	0.003	0.	0.004	0.004	0.008	0.014	0.016

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Annual Analysis for 1991 - Station GATE0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00480	SALINITY - PARTS PER THOUSAND	06/01/83-10/25/94	26	24.05	24.235	26.7	22.3	1.403	1.185	22.61	23.4	25.425	25.99
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-10/25/94	28	627.	792.643	1653.	200.	288044.238	536.698	228.8	290.	1334.	1600.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-10/25/94	28	2.788	2.79	3.218	2.301	0.106	0.325	2.359	2.462	3.125	3.204
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			616.13								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-10/25/94	28	208.	745.643	2320.	0.	852403.646	923.257	26.1	87.	1943.	2293.9
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-10/25/94	28	2.271	2.295	3.365	0.	0.869	0.932	1.316	1.94	3.288	3.361
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			197.248								

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Annual Analysis for 1992 - Station GATE0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-10/25/94	30	22.3	21.693	24.6	16.7	5.253	2.292	17.01	20.25	23.325	24.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-10/25/94	30	36800.	36383.333	39800.	28900.	7482816.092	2735.474	31990.	35275.	38525.	39290.
00300	OXYGEN, DISSOLVED MG/L	06/22/83-10/25/94	30	6.3	6.45	11.4	2.1	5.398	2.323	2.9	5.075	7.9	10.22
00406	PH, FIELD, STANDARD UNITS SU	05/30/89-10/25/94	30	8.1	8.149	9.08	7.51	0.148	0.384	7.701	7.865	8.428	8.698
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/30/89-10/25/94	30	8.1	8.007	9.08	7.51	0.168	0.41	7.701	7.865	8.428	8.698
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/89-10/25/94	30	0.008	0.01	0.031	0.001	0.	0.008	0.002	0.004	0.014	0.02
00480	SALINITY - PARTS PER THOUSAND	06/01/83-10/25/94	30	26.05	25.64	27.2	21.4	1.599	1.265	24.3	25.275	26.4	26.8
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-10/25/94	15	1015.	1941.067	5481.	145.	3622843.781	1903.377	232.	348.	4205.	5080.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-10/25/94	15	3.006	3.05	3.739	2.161	0.253	0.503	2.342	2.542	3.624	3.705
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1123.255								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-10/25/94	15	87.	537.467	4553.	0.	1574936.695	1254.965	0.	0.	174.	3213.2
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-10/25/94	15	1.94	1.644	3.658	0.	1.436	1.198	0.	0.	2.241	3.483
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			44.096								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station GATE0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-10/25/94	30	23.5	22.803	26.6	15.8	10.772	3.282	16.94	21.35	25.35	26.18
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-10/25/94	30	36850.	36106.667	39400.	30300.	8697195.402	2949.101	31170.	33650.	38850.	39090.
00300	OXYGEN, DISSOLVED MG/L	06/22/83-10/25/94	24	4.	4.792	12.	2.	6.998	2.645	2.	3.	5.5	10.
00406	PH, FIELD, STANDARD UNITS SU	05/30/89-10/25/94	21	8.22	8.137	8.54	7.6	0.103	0.322	7.6	7.86	8.44	8.51
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/30/89-10/25/94	21	8.22	8.018	8.54	7.6	0.118	0.344	7.6	7.86	8.44	8.51
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/89-10/25/94	21	0.006	0.01	0.025	0.003	0.	0.008	0.003	0.004	0.014	0.025
00480	SALINITY - PARTS PER THOUSAND	06/01/83-10/25/94	30	24.1	24.203	26.4	21.9	1.863	1.365	22.01	23.425	25.725	25.99
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-10/25/94	13	899.	1263.692	3828.	174.	1126542.064	1061.387	184.4	403.	1955.5	3282.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-10/25/94	13	2.954	2.944	3.583	2.241	0.171	0.413	2.265	2.605	3.288	3.506
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			878.05								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-10/25/94	15	87.	401.667	2523.	0.	601602.81	775.631	0.	0.	200.	2209.2
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-10/25/94	15	1.94	1.678	3.402	0.	1.394	1.181	0.	0.	2.301	3.341
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			47.696								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station GATE0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-10/25/94	2	15.2	15.2	15.3	15.1	0.02	0.141	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-10/25/94	2	28050.	28050.	28100.	28000.	5000.	70.711	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station GATE0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300	OXYGEN, DISSOLVED MG/L	06/22/83-10/25/94	2	5.6	5.6	5.6	5.6	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	05/30/89-10/25/94	2	7.45	7.45	7.6	7.3	0.045	0.212	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/30/89-10/25/94	2	7.425	7.425	7.6	7.3	0.046	0.215	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/89-10/25/94	2	0.038	0.038	0.05	0.025	0.	0.018	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	06/01/83-10/25/94	2	22.05	22.05	22.2	21.9	0.045	0.212	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-10/25/94	1	29.	29.	29.	29.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-10/25/94	1	1.462	1.462	1.462	1.462	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			29.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-10/25/94	2	1740.	1740.	2784.	696.	2179872.	1476.439	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-10/25/94	2	3.144	3.144	3.445	2.843	0.181	0.426	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1392.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-10/25/94	45	24.	23.827	26.5	15.1	5.075	2.253	22.	23.2	25.2	26.
00300	OXYGEN, DISSOLVED MG/L	06/22/83-10/25/94	39	5.7	5.392	11.4	1.4	4.572	2.138	2.1	3.7	6.7	8.
00480	SALINITY - PARTS PER THOUSAND	06/01/83-10/25/94	46	24.45	24.407	31.8	18.9	4.456	2.111	21.77	23.55	25.75	26.43
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-10/25/94	62	868.	1821.5	15800.	0.	7090655.762	2662.829	70.6	342.5	2250.	5243.1
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-10/25/94	62	2.937	2.842	4.199	0.	0.576	0.759	1.849	2.534	3.352	3.719
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			695.306								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-10/25/94	65	174.	717.785	12900.	0.	3161679.047	1778.111	0.	49.5	665.	1641.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-10/25/94	65	2.241	2.105	4.111	0.	0.984	0.992	0.	1.69	2.823	3.215
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			127.228								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-10/25/94	99	22.7	21.788	27.4	14.	9.294	3.049	17.	19.4	23.8	25.2
00300	OXYGEN, DISSOLVED MG/L	06/22/83-10/25/94	78	5.55	5.791	12.	1.1	6.242	2.498	2.7	4.	7.5	9.58
00480	SALINITY - PARTS PER THOUSAND	06/01/83-10/25/94	102	24.1	23.785	28.	18.	4.409	2.1	20.8	22.85	25.5	26.27
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-10/25/94	136	899.5	1822.132	14271.	3.	5496907.523	2344.548	109.2	314.75	2247.5	5726.7
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-10/25/94	136	2.954	2.901	4.154	0.477	0.426	0.653	2.038	2.498	3.351	3.757
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			796.618								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-10/25/94	142	164.5	709.5	6666.	0.	1558848.053	1248.538	0.	29.	737.25	2311.3
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-10/25/94	142	2.215	2.099	3.824	0.	1.072	1.035	0.	1.462	2.867	3.364
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			125.459								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0050

NPS Station ID: GATE0050
LAT/LON: 40.639448/ -73.836393
Agency: 1111H030
Date Created: / /
Location: JAMAICA BAY (927)
FIPS State/County: 36081 NEW YORK/QUEENS
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): 403822007350110/927
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02030202
Depth of Water: 22
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-N.Y. METROPOLI
ECO Region:
RF1 Index: 02030202028
RF1 Mile Point: 25.670
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02030202002900.00
RF3 Mile Point: 2.42
Distance from RF3: 0.17
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0050

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/22/65-04/22/65	13	40000.	54076.923	220000.	13000.	3274076923.077	57219.55	13800.	20000.	55500.	180000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/22/65-04/22/65	13	4.602	4.582	5.342	4.114	0.124	0.352	4.139	4.3	4.744	5.237
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			38166.552								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	04/22/65-04/22/65	7	350.	1115.714	4400.	140.	2574728.571	1604.596	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	04/22/65-04/22/65	7	2.544	2.699	3.643	2.146	0.32	0.565	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			500.102								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0050

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	13	13	1.00							13	13	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0051

NPS Station ID: GATE0051
LAT/LON: 40.644170/ -73.836393
Agency: 1111H030
Date Created: / /
Location: JAMAICA BAY CHLORINATION STUDY
FIPS State/County: 36081 NEW YORK/QUEENS
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): J13A
RMI-Indexes: 0133000
Within Park Boundary: Yes
RMI-Miles: 0000.00
HUC: 02030202
Depth of Water: 22
Aquifer:
Major Basin: CROAS BAY BR. NORTH CHAN
Elevation: 0
Water Body Id:
Minor Basin: SEE STATION DESC. FOR DETAI
ECO Region:
RF1 Index: 02030202028
RF1 Mile Point: 25.590
Distance from RF1: 11.00
On/Off RF1: OFF
RF3 Index: 02030201000101.63
RF3 Mile Point: 7.46
Distance from RF3: 0.11
On/Off RF3:
Description:
JAMAICA BAY STUDY-TO DETERMINE THE EFFECT OF SEASONAL CHLORINATION OF TREATMENT PLANT EFFLUENTS ON JAMAICA BAY COLIFORM POPULATIONS. THE PLANT EFFLUENTS ARE CHLORINATED FROM MAY 15 THRU SEPT 30. THE STUDY WAS DIVIDED INTO 2 PHASES OVER AN 8 MONTH PERIOD - MARCH TO OCTOBER 1968 PHASE I - INTENSIVE SURVEY FROM MARCH 26 TO MAY 15 TO DETERMINE NORMAL OR BACKGROUND LEVELS OF COLIFORMS THEN FROM MAY 25 TO JUNE 28 TO DETER- MINE RESPONSE TIME AMD NEW LEVELS OF COLIFORMS. PHASE II - SURVEILLANCE STUDY- FROM SEPT 4 TO SEPT 30 TO DETERMINE BACK- GROUNG LEVELS DURING CHLORINATION THEN FROM SEPT 30 TO OCT 24 TO DETER- MINE RESPONSE TIME AND NEW COLIFORM LEVELS AFTER CHLORINATION STOPPED.

Parameter Inventory for Station: GATE0051

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GATE0052

NPS Station ID: GATE0052
LAT/LON: 40.583892/ -73.837782
Agency: 1111H030
Date Created: / /
Location: JAMAICA BAY (951)
FIPS State/County: 36081 NEW YORK/QUEENS
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): 403502007350160/951
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030202
Depth of Water: 39
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-N.Y. METROPOLI
ECO Region:
RF1 Index: 02030202027
RF1 Mile Point: 22.640
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02030202002900.00
RF3 Mile Point: 7.84
Distance from RF3: 0.38
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00940	CHLORIDE,TOTAL IN WATER MG/L	04/22/65-04/22/65	2	14700.	14700.	14900.	14500.	80000.	282.843	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/22/65-04/22/65	2	3200.	3200.	4400.	2000.	2880000.	1697.056	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/22/65-04/22/65	2	3.472	3.472	3.643	3.301	0.059	0.242	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2966.479								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/22/65-04/22/65	2	2700.	2700.	3800.	1600.	2420000.	1555.635	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/22/65-04/22/65	2	3.392	3.392	3.58	3.204	0.071	0.266	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2465.766								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0052

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	2	1.00							2	2	1.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	2	2	1.00							2	2	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0053

NPS Station ID: GATE0053
LAT/LON: 40.657503/ -73.838615
Agency: 21NYDECB
Date Created: 03/30/96
Location: Shellbank Basin off Jamaica Ba
FIPS State/County: 36081 NEW YORK/QUEENS
Station Type: /TYPA/AMBNT/ESTURY/NET
STORET Station ID(s): 17011B30
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030202
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id: NY00000 Shellbank Basin
Minor Basin: L.HUDSON - NYC
ECO Region:
RF1 Index: 02030202
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0053

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GATE0054

NPS Station ID: GATE0054
LAT/LON: 40.644448/ -73.844449
Agency: 11BIOACC
Date Created: 02/24/90
Location: JAMAICA BAY @ NEW YORK
FIPS State/County: 36047 NEW YORK/KINGS
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 3321
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02030202
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02030202
RF1 Mile Point: 0.000
Distance from RF1: 1.20
On/Off RF1:
RF3 Index: 02030202002909.75
RF3 Mile Point: 15.24
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
30344	PENTACHLORODIBENZO-P-DIOXIN,12378,FISH,WET WT,PG/G	06/30/87-06/30/87	1	0.37	0.37	0.37	0.37	0.	0.	**	**	**	**
30345	HEXACHLORODIBENZO-P-DIOXIN,123478,FISH,WET WT,PG/G	06/30/87-06/30/87	1 ##	1.22	1.22	1.22	1.22	0.	0.	**	**	**	**
30346	HEXACHLORODIBENZO-P-DIOXIN,123678,FISH,WET WT,PG/G	06/30/87-06/30/87	1	0.34	0.34	0.34	0.34	0.	0.	**	**	**	**
30347	HEXACHLORODIBENZO-P-DIOXIN,123789,FISH,WET WT,PG/G	06/30/87-06/30/87	1 ##	0.685	0.685	0.685	0.685	0.	0.	**	**	**	**
30348	HEPTACHLORODIBENZO-P-DIOXIN,1234678,TIS,WETWT,PG/G	06/30/87-06/30/87	1	0.65	0.65	0.65	0.65	0.	0.	**	**	**	**
30349	TETRACHLORODIBENZOFURAN, 2378- , FISH,WET WT.,PG/G	06/30/87-06/30/87	1	9.09	9.09	9.09	9.09	0.	0.	**	**	**	**
30350	PENTACHLORODIBENZOFURAN,12378- , FISH,WET WT.,PG/G	06/30/87-06/30/87	1	0.87	0.87	0.87	0.87	0.	0.	**	**	**	**
30351	PENTACHLORODIBENZOFURAN,23478- , FISH,WET WT.,PG/G	06/30/87-06/30/87	1	1.15	1.15	1.15	1.15	0.	0.	**	**	**	**
30352	HEXACHLORODIBENZOFURAN,123478- , FISH,WET WT.,PG/G	06/30/87-06/30/87	1 ##	1.405	1.405	1.405	1.405	0.	0.	**	**	**	**
30353	HEXACHLORODIBENZOFURAN,123678- , FISH,WET WT.,PG/G	06/30/87-06/30/87	1 ##	1.41	1.41	1.41	1.41	0.	0.	**	**	**	**
30354	HEXACHLORODIBENZOFURAN,123789- , FISH,WET WT.,PG/G	06/30/87-06/30/87	1 ##	1.375	1.375	1.375	1.375	0.	0.	**	**	**	**
30355	HEXACHLORODIBENZOFURAN,234678- , FISH,WET WT.,PG/G	06/30/87-06/30/87	1 ##	0.97	0.97	0.97	0.97	0.	0.	**	**	**	**
30356	HEPTACHLORODIBENZOFURAN,1234678- ,FISH,WET WT,PG/G	06/30/87-06/30/87	1 ##	0.715	0.715	0.715	0.715	0.	0.	**	**	**	**
30357	HEPTACHLORODIBENZOFURAN,1234789- ,FISH,WET WT,PG/G	06/30/87-06/30/87	1 ##	1.295	1.295	1.295	1.295	0.	0.	**	**	**	**
34395	HEXACHLOROBUTADIENE WET WGTTISMG/KG	06/30/87-06/30/87	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
34555	1,2,4-TRICHLOROBENZENE WET WGTTISMG/KG	06/30/87-06/30/87	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34685	ENDRIN WET WGTTISMG/KG	06/30/87-06/30/87	2 ##	0.003	0.003	0.004	0.002	0.	0.002	**	**	**	**
34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	06/30/87-06/30/87	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
34687	HEPTACHLOR WET WGTTISMG/KG	06/30/87-06/30/87	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
34688	HEXACHLOROBENZENE WET WGTTISMG/KG	06/30/87-06/30/87	2 ##	0.002	0.002	0.003	0.002	0.	0.001	**	**	**	**
34754	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN TISWETWTPG/G	06/30/87-06/30/87	1	2.39	2.39	2.39	2.39	0.	0.	**	**	**	**
38824	ISOPROPALIN TISWETWGTMG/KG	06/30/87-06/30/87	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39063	CHLORDANE-CIS ISOMER,TISSUE WET WGT (UG/G)	06/30/87-06/30/87	2	0.026	0.026	0.027	0.024	0.	0.002	**	**	**	**
39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	06/30/87-06/30/87	2	0.011	0.011	0.011	0.011	0.	0.	**	**	**	**
39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	06/30/87-06/30/87	2	0.004	0.004	0.005	0.003	0.	0.001	**	**	**	**
39319	MONOCHLOROBIPHENYL,TOTAL, TISSUE,WET,WT,MG/KG	06/30/87-06/30/87	2 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39322	P,P'-DDE IN TISSUE WET WGT MG/KG	06/30/87-06/30/87	2	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
39335	DICHLOROBIPHENYL,TOTAL, TISSUE,WET,WT,MG/KG	06/30/87-06/30/87	2 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39339	TRICHLOROBIPHENYL,TOTAL, TISSUE,WET,WT,MG/KG	06/30/87-06/30/87	2	0.01	0.01	0.012	0.008	0.	0.003	**	**	**	**
39345	TETRACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	06/30/87-06/30/87	2	0.064	0.064	0.065	0.063	0.	0.001	**	**	**	**
39347	PENTACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	06/30/87-06/30/87	2	0.113	0.113	0.113	0.113	0.	0.	**	**	**	**
39354	HEPTACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	06/30/87-06/30/87	2	0.022	0.022	0.022	0.021	0.	0.001	**	**	**	**
39355	OCTACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	06/30/87-06/30/87	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39404	DIELDRIN IN TISSUE WET WGT (UG/G)	06/30/87-06/30/87	2	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39408	NONACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	06/30/87-06/30/87	2 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
39409	DECACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	06/30/87-06/30/87	2 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	06/30/87-06/30/87	2 ##	0.001	0.001	0.002	0.001	0.	0.	**	**	**	**
46333	PENTACHLORONITROBENZENE (PCNB) IN TISSUE WET MG/KG	06/30/87-06/30/87	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GATE0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70977	INSTRUMENT RATIO, LAB/FIELD CONCENTRATIONS, NUMBER	06/30/87-06/30/87	1	4.14	4.14	4.14	4.14	0.	0.	**	**	**	**
71935	MERCURY, TOTAL IN FISH (PPM,WET WEIGHT BASIS)	06/30/87-06/30/87	2 ##	0.023	0.023	0.025	0.02	0.	0.004	**	**	**	**
76530	BIPHENYL TISSUE ,WET WGT,MG/KG	06/30/87-06/30/87	2 ##	0.	0.	0.001	0.	0.	0.	**	**	**	**
78907	HEXACHLOROBIPHENYLS IN FISH TISSUE WET WGT. MG/KG	06/30/87-06/30/87	2	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
78922	NONACHLOR, TRANS, TISSUE, WET WEIGHT MG/KG	06/30/87-06/30/87	2	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
78923	NONACHLOR, CIS, TISSUE, WET WEIGHT MG/KG	06/30/87-06/30/87	2	0.006	0.006	0.006	0.005	0.	0.001	**	**	**	**
79026	1,2,3,4,-TETRACHLOROBENZENE IN FISH WET WGT MG/KG	06/30/87-06/30/87	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
81312	POLYCHLORINATEDBIPHENYLS FISH TISSUE WET WGT MG/KG	06/30/87-06/30/87	2	0.308	0.308	0.312	0.303	0.	0.006	**	**	**	**
81644	METHOXYCHLOR IN FISH TISSUE,UG/G WET WEIGHT	06/30/87-06/30/87	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
81645	MIREX IN FISH TISSUE WET WEIGHT UG/G	06/30/87-06/30/87	2 ##	0.002	0.002	0.003	0.002	0.	0.001	**	**	**	**
81652	TREFLAN IN FISH TISSUE WET WEIGHT MG/KG	06/30/87-06/30/87	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
81807	DURSBAN IN FISH TISSUE WET WEIGHT MG/KG	06/30/87-06/30/87	2 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
81823	PENTACHLOROANISOLE(PCA)INFISH TISSUE WET WGT MG/KG	06/30/87-06/30/87	2 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82029	OXYCHLORDANE IN TISSUE SAMPLE WET WEIGHT MG/KG	06/30/87-06/30/87	2 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
85675	TRICHLOROBENZENE,1,3,5- TISSUE,WET,WT,MG/KG	06/30/87-06/30/87	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
85676	TRICHLOROBENZENE,1,2,3- TISSUE,WET,WT,MG/KG	06/30/87-06/30/87	2 ##	0.	0.	0.001	0.	0.	0.	**	**	**	**
85677	TETRACHLOROBENZENE,1,2,4,5- TISSUE,WET,WT,MG/KG	06/30/87-06/30/87	2 ##	0.001	0.001	0.002	0.	0.	0.001	**	**	**	**
85678	TETRACHLOROBENZENE,1,2,3,5- TISSUE,WET,WT,MG/KG	06/30/87-06/30/87	2 ##	0.001	0.001	0.002	0.	0.	0.001	**	**	**	**
85679	PENTACHLOROBENZENE TISSUE,WET,WT,MG/KG	06/30/87-06/30/87	2 ##	0.001	0.001	0.002	0.001	0.	0.	**	**	**	**
85680	DIPHENYL DISULFIDE TISSUE,WET,WT,MG/KG	06/30/87-06/30/87	2 ##	0.002	0.002	0.003	0.002	0.	0.001	**	**	**	**
85681	OCTACHLOROSTYRENE TISSUE,WET,WT,MG/KG	06/30/87-06/30/87	2 ##	0.002	0.002	0.003	0.002	0.	0.001	**	**	**	**
85682	NITROFEN TISSUE,WET,WT,MG/KG	06/30/87-06/30/87	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
85683	PERTHANE TISSUE,WET,WT,MG/KG	06/30/87-06/30/87	2 ##	0.003	0.003	0.004	0.002	0.	0.002	**	**	**	**
85684	DICOFOL (KELTHANE) TISSUE,WET,WT,MG/KG	06/30/87-06/30/87	2 ##	0.001	0.001	0.002	0.001	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GATE0055

NPS Station ID: GATE0055 LAT/LON: 40.573337/ -73.846392 Agency: 11NYBGHT Date Created: 04/06/96
Location: NEW YORK CITY BEACHES- ROCKAWAY BEACH FIPS State/County: 36081 NEW YORK/QUEENS
Station Type: /TYPA/AMBNT/OCEAN/NRSHRE/NET STORET Station ID(s): LIC03 /LIC3 /LIC-3
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02030202 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON- NEW YORK METRO AREA ECO Region:
RF1 Index: 02030202027 RF1 Mile Point: 23.430 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:
ATLANTIC OCEAN- NEW YORK BIGHT SURVEILLANCE NETWORK(CURRENT) ROCKAWAY BEACH. OFF FOOT OF B129 ST.

Parameter Inventory for Station: GATE0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	05/25/95-08/27/96	23	2.	4.087	16.	0.	22.265	4.719	0.	0.	8.	11.2
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	05/25/95-08/27/96	23	0.301	0.422	1.204	0.	0.21	0.458	0.	0.	0.903	1.048
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			2.644								
31649	ENTEROCOCCI- ME-MF N0/100ML	05/30/95-08/27/96	21	0.	1.333	15.	0.	11.033	3.322	0.	0.	1.5	3.
31649	LOG ENTEROCOCCI- ME-MF N0/1	05/30/95-08/27/96	21	0.	0.138	1.176	0.	0.088	0.296	0.	0.	0.151	0.477
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.376								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0055

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	23	0	0.00	7	0	0.00				16	0	0.00			
31649	ENTEROCOCCI, ME, MF	Other-Hi Lim.	33.	21	0	0.00	7	0	0.00				14	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0056

NPS Station ID: GATE0056
LAT/LON: 40.570559/ -73.846392
Agency: 1111H030
Date Created: / /
Location: 400YDS OFF SHORE AND STA LIC03
FIPS State/County: 36081 NEW YORK/QUEENS
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): LIC03B /LIC-03B /LIC3B /LIC-3B
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030202
Depth of Water: 21
Aquifer:
Major Basin: ATLANTIC OCEAN
Elevation: 0
Water Body Id:
Minor Basin: OFF L I BEACHES ROCKAWAY BEACH
ECO Region:
RF1 Index: 02030202027
RF1 Mile Point: 23.430
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02030202002709.04
RF3 Mile Point: 13.79
Distance from RF3: 0.51
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0056

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/01/74-05/18/77	14	15.3	13.621	22.	1.7	39.402	6.277	1.7	9.525	18.	21.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/01/74-03/08/77	10	36150.	35900.	41800.	27800.	15944444.444	3993.05	28340.	33350.	38250.	41730.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/01/74-08/05/74	8	44300.5	44506.75	47486.	42288.	3122446.214	1767.044	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/01/74-05/18/77	14	8.2	7.871	10.9	3.3	6.976	2.641	3.95	4.8	10.35	10.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/08/77-05/18/77	4 ##	0.008	0.008	0.01	0.005	0.	0.003	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/08/77-05/18/77	4 ##	0.004	0.004	0.005	0.003	0.	0.001	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/08/77-05/18/77	4 ##	0.017	0.018	0.029	0.01	0.	0.01	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/08/77-05/18/77	4	0.029	0.062	0.172	0.018	0.005	0.074	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/08/77-05/18/77	4	1.95	2.	2.5	1.6	0.153	0.392	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/18/77-05/18/77	2	16485.	16485.	16560.	16410.	11250.	106.066	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	03/08/77-05/18/77	4	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	07/11/74-09/23/74	3	0.7	0.867	1.3	0.6	0.143	0.379	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/11/74-03/24/76	7 ##	0.5	0.771	1.5	0.25	0.295	0.543	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/11/74-03/24/76	8	6.85	6.588	9.9	2.5	4.933	2.221	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	07/11/74-03/24/76	8	1.7	3.256	9.	0.4	9.98	3.159	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	07/11/74-03/24/76	8	11.8	13.8	25.	1.5	61.569	7.847	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/11/74-03/24/76	8 ##	3.75	3.125	5.	0.5	4.339	2.083	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/01/74-05/18/77	21	7.	9.714	49.	1.	113.014	10.631	2.	5.	9.5	22.8
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	05/01/74-05/18/77	21	0.845	0.826	1.69	0.	0.14	0.374	0.301	0.699	0.972	1.358
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			6.7								
31521	COLIFORM,TOT,MPN,IN BOT DEPOS,CONFIRM (MPN/100G)	05/01/74-03/24/76	9	130.	1026.667	7900.	10.	6663475.	2581.371	10.	65.	360.	7900.
31521	LOG COLIFORM,TOT,MPN,IN BOT DEPOS,CONFIRM (MPN/100	05/01/74-03/24/76	9	2.114	2.236	3.898	1.	0.619	0.787	1.	1.801	2.526	3.898
31521	GM COLIFORM,TOT,MPN,IN BOT DEPOS,CONFIRM (MPN/100G	GEOMETRIC MEAN =			172.095								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/01/74-05/18/77	21	2.	3.952	33.	1.	48.348	6.953	1.	1.	5.	7.4
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/01/74-05/18/77	21	0.301	0.334	1.519	0.	0.173	0.415	0.	0.	0.699	0.862
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.16								
31641	FECAL COLIFORM,MPN IN BOT DEPOS,EC MED (MPN/100G)	05/01/74-03/24/76	9	20.	145.556	1090.	10.	125752.778	354.616	10.	10.	50.	1090.
31641	LOG FECAL COLIFORM,MPN IN BOT DEPOS,EC MED (MPN/10	05/01/74-03/24/76	9	1.301	1.526	3.037	1.	0.413	0.643	1.	1.	1.699	3.037
31641	GM FECAL COLIFORM,MPN IN BOT DEPOS,EC MED (MPN/100	GEOMETRIC MEAN =			33.594								
70305	SALINITY BASED ON CONDUCTIVITY	05/01/74-03/08/77	10	28.8	29.31	32.4	27.1	2.859	1.691	27.12	28.2	30.65	32.3
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/08/77-05/18/77	4	0.015	0.014	0.021	0.005	0.	0.008	**	**	**	**
71202	SALMONELLA FROM SEDIMENTS, INOC 1=PRESENT,0=ABS.	10/07/75-10/07/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71202	LOG SALMONELLA FROM SEDIMENTS, INOC 1=PRESENT,0=AB	10/07/75-10/07/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71202	GM SALMONELLA FROM SEDIMENTS, INOC 1=PRESENT,0=ABS	GEOMETRIC MEAN =			1.								
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	07/11/74-09/23/74	3	0.2	1.327	3.7	0.08	4.228	2.056	**	**	**	**
71975	ORGANICS IN SEDIMENT GRAVIMETRICCORR.FOR H2O,MG/KG	05/01/74-03/24/76	9	3510.	3824.333	5950.	1480.	2511894.	1584.896	1480.	2500.	5374.5	5950.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0056

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	14	1	0.07	4	1	0.25	2	0	0.00	8	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	21	0	0.00	6	0	0.00	5	0	0.00	10	0	0.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	21	0	0.00	6	0	0.00	5	0	0.00	10	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0057

NPS Station ID: GATE0057
LAT/LON: 40.573337/ -73.846392
Agency: 1111H030
Date Created: / /
Location: LONG ISLAND BEACHES
FIPS State/County: 36081 NEW YORK/QUEENS
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): LIC03 /LIC3 /LIC-3
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030202
Depth of Water: 0
Aquifer:
Major Basin: ATLANTIC OCEAN
Elevation: 0
Water Body Id:
Minor Basin: LONG ISLAND COAST-ROCKAWAY BEACH
ECO Region:
RF1 Index: 02030202027
RF1 Mile Point: 23.430
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02030202002709.04
RF3 Mile Point: 13.79
Distance from RF3: 0.35
On/Off RF3:
Description:
ROCKAWAY BEACH. OFF FOOT OF B129 ST.

Parameter Inventory for Station: GATE0057

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/11/74-09/28/81	150	7.	189.993	23000.	0.	3523778.356	1877.173	0.	2.75	26.	99.6
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/11/74-09/28/81	150	0.845	0.961	4.362	0.	0.582	0.763	0.	0.433	1.415	1.998
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			9.143								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	301	0.	4.307	224.	0.	301.811	17.373	0.	0.	2.	8.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	301	0.	0.24	2.35	-0.301	0.202	0.449	0.	0.	0.301	0.903
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.739								
31649	ENTEROCOCCI- ME-MF N0/100ML	05/16/85-08/23/94	118	0.	1.669	40.	0.	25.693	5.069	0.	0.	1.25	5.
31649	LOG ENTEROCOCCI- ME-MF N0/1	05/16/85-08/23/94	118	0.	0.157	1.602	0.	0.102	0.319	0.	0.	0.075	0.699
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.434								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/20/77-09/07/77	2	9.	9.	10.	8.	2.	1.414	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/20/77-09/07/77	2	0.952	0.952	1.	0.903	0.005	0.069	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			8.944								
31710	STAPHYLOCOCCUS AUREUS MF TECH. CONF GRAM STAIN	08/12/78-08/12/78	1	3.	3.	3.	3.	0.	0.	**	**	**	**
31710	LOG STAPHYLOCOCCUS AUREUS MF TECH. CONF GRAM STAIN	08/12/78-08/12/78	1	0.477	0.477	0.477	0.477	0.	0.	**	**	**	**
31710	GM STAPHYLOCOCCUS AUREUS MF TECH. CONF GRAM STAIN	GEOMETRIC MEAN =			3.								
71201	SALMONELLA (CELITE FILTRATION) 1=PRESENT,0=ABSENT	08/12/78-08/12/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71201	LOG SALMONELLA (CELITE FILTRATION) 1=PRESENT,0=ABS	08/12/78-08/12/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71201	GM SALMONELLA (CELITE FILTRATION) 1=PRESENT,0=ABSE	GEOMETRIC MEAN =			1.								
71220	PSEUDOMONAS AERUGINOSA,MF IN WATER,MPA MED,/100ML	08/12/78-08/27/91	10	0.	2.	20.	0.	40.	6.325	0.	0.	0.	18.
71220	LOG PSEUDOMONAS AERUGINOSA,MF IN WATER,MPA MED,/10	08/12/78-08/27/91	10	0.	0.13	1.301	0.	0.169	0.411	0.	0.	0.	1.171
71220	GM PSEUDOMONAS AERUGINOSA,MF IN WATER,MPA MED,/100	GEOMETRIC MEAN =			1.349								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0057

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	150	1	0.01	55	0	0.00	18	0	0.00	77	1	0.01			
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	301	1	0.00	107	1	0.01	18	0	0.00	176	0	0.00			
31649	ENTEROCOCCI, ME, MF	Other-Hi Lim.	35.	118	1	0.01	37	0	0.00				81	1	0.01			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1974 - Station GATE0057

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/11/74-09/28/81	15	16.	32.4	171.	2.	1929.4	43.925	2.6	7.	37.	118.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/11/74-09/28/81	15	1.204	1.221	2.233	0.301	0.28	0.529	0.407	0.845	1.568	2.048
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			16.628								
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	15	4.	9.167	67.	0.5	279.595	16.721	0.5	1.	11.	37.
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	15	0.602	0.548	1.826	-0.301	0.381	0.617	-0.301	0.	1.041	1.469
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			3.535								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GATE0057

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/11/74-09/28/81	16	5.	15.125	69.	0.	391.717	19.792	0.7	1.25	24.75	52.9
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/11/74-09/28/81	16	0.699	0.788	1.839	0.	0.413	0.643	0.	0.075	1.392	1.716
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			6.132								
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	16	1.	3.688	22.	0.	38.629	6.215	0.	0.	4.75	16.4
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	16	0.	0.323	1.342	0.	0.223	0.472	0.	0.	0.675	1.205
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			2.104								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station GATE0057

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/11/74-09/28/81	19	16.	1264.789	23000.	1.	27710196.287	5264.048	3.	4.	140.	300.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/11/74-09/28/81	19	1.204	1.377	4.362	0.	1.069	1.034	0.477	0.602	2.146	2.477
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			23.834								
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	19	1.	7.684	76.	0.	311.895	17.661	0.	0.	6.	23.
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	19	0.	0.419	1.881	0.	0.328	0.573	0.	0.	0.778	1.362
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			2.622								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GATE0057

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/11/74-09/28/81	40	11.	44.85	460.	0.	7341.003	85.68	1.	4.	47.5	127.6
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/11/74-09/28/81	40	1.041	1.105	2.663	0.	0.524	0.724	0.	0.602	1.677	2.106
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			12.742								
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	39	1.	6.026	40.	0.	121.394	11.018	0.	0.	8.	24.
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	39	0.	0.389	1.602	0.	0.312	0.558	0.	0.	0.903	1.38
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			2.451								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GATE0057

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/11/74-09/28/81	16	6.5	84.188	760.	0.	46408.696	215.427	0.	2.25	19.5	564.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/11/74-09/28/81	16	0.812	0.947	2.881	0.	0.709	0.842	0.	0.345	1.286	2.741
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			8.846								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GATE0057

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	16	0.5	24.125	224.	0.	4265.85	65.313	0.	0.	2.	173.6
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	16	0.	0.351	2.35	0.	0.582	0.763	0.	0.	0.301	2.232
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			2.242								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station GATE0057

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/11/74-09/28/81	17	9.	26.588	180.	0.	2174.882	46.636	0.8	4.	20.	112.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/11/74-09/28/81	17	0.954	0.972	2.255	0.	0.407	0.638	0.	0.588	1.292	2.037
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			9.37								
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	17	0.	3.941	40.	0.	102.684	10.133	0.	0.	2.	21.6
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	17	0.	0.237	1.602	0.	0.218	0.467	0.	0.	0.301	1.305
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.728								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GATE0057

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/11/74-09/28/81	16	1.5	3.25	18.	0.	23.4	4.837	0.	0.	6.25	11.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/11/74-09/28/81	16	0.151	0.346	1.255	0.	0.179	0.423	0.	0.	0.784	1.009
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.216								
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	16	0.	1.313	12.	0.	8.762	2.96	0.	0.	1.75	5.
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	16	0.	0.124	1.079	0.	0.079	0.282	0.	0.	0.226	0.534
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.33								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station GATE0057

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/11/74-09/28/81	11	3.	8.636	61.	0.	316.455	17.789	0.	0.	9.	51.2
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/11/74-09/28/81	11	0.477	0.516	1.785	0.	0.324	0.569	0.	0.	0.954	1.644
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.281								
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	11	1.	2.818	17.	0.	26.964	5.193	0.	0.	4.	15.
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	11	0.	0.243	1.23	0.	0.194	0.44	0.	0.	0.602	1.153
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.752								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station GATE0057

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	10	1.	1.2	4.	0.	1.956	1.398	0.	0.	2.25	3.9
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	10	0.	0.138	0.602	0.	0.054	0.233	0.	0.	0.345	0.59
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.374								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station GATE0057

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	13	0.	0.538	4.	0.	1.269	1.127	0.	0.	1.	2.8
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	13	0.	0.046	0.602	0.	0.028	0.167	0.	0.	0.	0.361
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.113								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GATE0057

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	10	0.5	1.	6.	0.	3.333	1.826	0.	0.	1.	5.5
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	10	0.	0.078	0.778	0.	0.061	0.246	0.	0.	0.	0.7
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.196								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GATE0057

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	10	0.	1.2	6.	0.	4.622	2.15	0.	0.	2.5	5.8
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	10	0.	0.168	0.778	0.	0.086	0.294	0.	0.	0.376	0.761
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.473								
31649	ENTEROCOCCI- ME-MF N0/100ML	05/16/85-08/23/94	9	2.	2.111	6.	0.	4.861	2.205	0.	0.	4.	6.
31649	LOG ENTEROCOCCI- ME-MF N0/1	05/16/85-08/23/94	9	0.301	0.284	0.778	0.	0.097	0.312	0.	0.	0.588	0.778
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.923								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GATE0057

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	12	0.5	2.167	17.	0.	22.879	4.783	0.	0.	2.	12.8
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	12	0.	0.192	1.23	0.	0.134	0.367	0.	0.	0.301	1.004
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.558								
31649	ENTEROCOCCI- ME-MF N0/100ML	05/16/85-08/23/94	12	0.	3.167	34.	0.	95.061	9.75	0.	0.	0.75	24.7
31649	LOG ENTEROCOCCI- ME-MF N0/1	05/16/85-08/23/94	12	0.	0.167	1.531	0.	0.203	0.451	0.	0.	0.	1.215
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.47								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GATE0057

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	15	0.	1.267	8.	0.	5.495	2.344	0.	0.	1.	6.2
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	15	0.	0.139	0.903	0.	0.089	0.298	0.	0.	0.	0.781
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.376								
31649	ENTEROCOCCI- ME-MF N0/100ML	05/16/85-08/23/94	15	1.	1.4	6.	0.	4.114	2.028	0.	0.	2.	6.
31649	LOG ENTEROCOCCI- ME-MF N0/1	05/16/85-08/23/94	15	0.	0.164	0.778	0.	0.077	0.278	0.	0.	0.301	0.778
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.459								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GATE0057

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	14	1.	2.143	8.	0.	6.747	2.598	0.	0.	4.25	7.
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	14	0.	0.256	0.903	0.	0.118	0.344	0.	0.	0.626	0.841
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.803								
31649	ENTEROCOCCI- ME-MF N0/100ML	05/16/85-08/23/94	14	0.	1.429	5.	0.	4.264	2.065	0.	0.	4.	5.
31649	LOG ENTEROCOCCI- ME-MF N0/1	05/16/85-08/23/94	14	0.	0.186	0.699	0.	0.094	0.306	0.	0.	0.602	0.699
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.534								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0057

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	7	0.	2.857	18.	0.	44.81	6.694	**	**	**	**
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	7	0.	0.179	1.255	0.	0.225	0.474	**	**	**	**
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.511								
31649	ENTEROCOCCI- ME-MF N0/100ML	05/16/85-08/23/94	7	0.	1.429	8.	0.	8.619	2.936	**	**	**	**
31649	LOG ENTEROCOCCI- ME-MF N0/1	05/16/85-08/23/94	7	0.	0.129	0.903	0.	0.117	0.341	**	**	**	**
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.346								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0057

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	10	1.	1.4	7.	0.	4.711	2.171	0.	0.	1.5	6.6
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	10	0.	0.132	0.845	0.	0.085	0.292	0.	0.	0.119	0.808
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.356								
31649	ENTEROCOCCI- ME-MF N0/100ML	05/16/85-08/23/94	10	0.5	2.1	6.	0.	6.767	2.601	0.	0.	4.5	6.
31649	LOG ENTEROCOCCI- ME-MF N0/1	05/16/85-08/23/94	10	0.	0.276	0.778	0.	0.13	0.361	0.	0.	0.646	0.778
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.888								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0057

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	14	0.	3.071	13.	0.	23.456	4.843	0.	0.	5.75	12.
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	14	0.	0.305	1.114	0.	0.207	0.455	0.	0.	0.712	1.078
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			2.02								
31649	ENTEROCOCCI- ME-MF N0/100ML	05/16/85-08/23/94	14	0.	3.429	40.	0.	112.11	10.588	0.	0.	2.25	21.5
31649	LOG ENTEROCOCCI- ME-MF N0/1	05/16/85-08/23/94	14	0.	0.204	1.602	0.	0.195	0.441	0.	0.	0.345	1.04
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.6								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0057

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	14	0.	0.286	4.	0.	1.143	1.069	0.	0.	0.	2.
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	14	0.	0.043	0.602	0.	0.026	0.161	0.	0.	0.	0.301
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.104								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0057

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31649	ENTEROCOCCI- ME-MF N0/100ML	05/16/85-08/23/94	14	0.	0.571	6.	0.	2.725	1.651	0.	0.	0.	4.
31649	LOG ENTEROCOCCI- ME-MF N0/1	05/16/85-08/23/94	14	0.	0.077	0.778	0.	0.047	0.217	0.	0.	0.	0.54
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.194								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station GATE0057

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	10	0.	1.1	10.	0.	9.878	3.143	0.	0.	0.25	9.1
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	10	0.	0.1	1.	0.	0.1	0.316	0.	0.	0.	0.9
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.259								
31649	ENTEROCOCCI- ME-MF N0/100ML	05/16/85-08/23/94	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31649	LOG ENTEROCOCCI- ME-MF N0/1	05/16/85-08/23/94	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

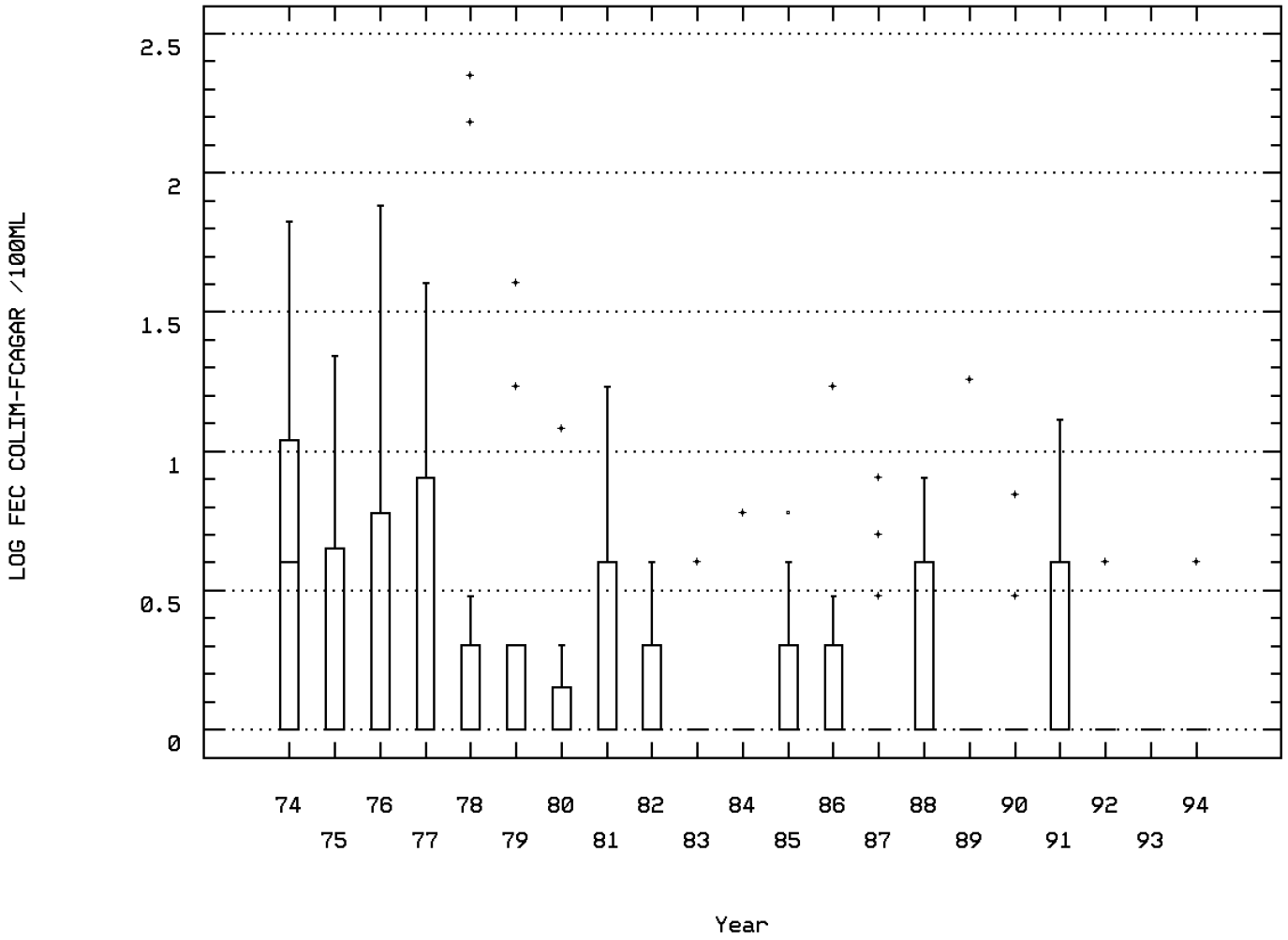
Annual Analysis for 1994 - Station GATE0057

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	13	0.	0.462	4.	0.	1.269	1.127	0.	0.	0.5	2.8
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	13	0.	0.046	0.602	0.	0.028	0.167	0.	0.	0.	0.361
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.113								
31649	ENTEROCOCCI- ME-MF N0/100ML	05/16/85-08/23/94	13	0.	0.923	9.	0.	6.244	2.499	0.	0.	0.5	6.2
31649	LOG ENTEROCOCCI- ME-MF N0/1	05/16/85-08/23/94	13	0.	0.097	0.954	0.	0.073	0.271	0.	0.	0.	0.693
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.249								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: GATE0057 Parameter Code: 31613

LOG FECAL COLIFORM,MEMBR FILTER,M-FC AG



LONG ISLAND BEACHES

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0057

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/11/74-09/28/81	55	12.	47.182	760.	0.	14948.966	122.266	0.	3.	26.	113.6
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/11/74-09/28/81	55	1.079	1.026	2.881	0.	0.543	0.737	0.	0.477	1.415	2.048
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			10.612								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	107	1.	6.93	224.	0.	726.629	26.956	0.	0.	3.	11.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	107	0.	0.298	2.35	-0.301	0.258	0.507	0.	0.	0.477	1.041
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.987								
31649	ENTEROCOCCI- ME-MF N0/100ML	05/16/85-08/23/94	37	0.	1.865	34.	0.	32.231	5.677	0.	0.	2.	4.2
31649	LOG ENTEROCOCCI- ME-MF N0/1	05/16/85-08/23/94	37	0.	0.167	1.531	0.	0.111	0.333	0.	0.	0.301	0.621
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.47								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0057

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/11/74-09/28/81	18	29.	70.111	300.	2.	7620.222	87.294	2.9	7.25	125.	249.6
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/11/74-09/28/81	18	1.445	1.449	2.477	0.301	0.455	0.674	0.46	0.852	2.097	2.396
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			28.106								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	18	3.5	12.944	76.	0.	398.291	19.957	0.	1.75	16.	43.6
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	18	0.54	0.7	1.881	0.	0.379	0.616	0.	0.226	1.195	1.63
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			5.009								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0057

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/11/74-09/28/81	77	5.	320.026	23000.	0.	6860839.605	2619.32	0.	2.	11.5	50.6
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/11/74-09/28/81	77	0.699	0.801	4.362	0.	0.568	0.754	0.	0.301	1.06	1.702
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			6.322								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	176	0.	1.83	39.	0.	20.516	4.53	0.	0.	1.	6.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	176	0.	0.158	1.591	-0.301	0.122	0.35	0.	0.	0.	0.778
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.439								
31649	ENTEROCOCCI- ME-MF N0/100ML	05/16/85-08/23/94	81	0.	1.58	40.	0.	23.047	4.801	0.	0.	1.	5.8
31649	LOG ENTEROCOCCI- ME-MF N0/1	05/16/85-08/23/94	81	0.	0.152	1.602	0.	0.099	0.315	0.	0.	0.	0.762
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.418								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0058

NPS Station ID: GATE0058
LAT/LON: 40.619781/ -73.846504
Agency: 11NPSWRD
Date Created: 12/21/96
Location: Pumpkin Patch Channel
FIPS State/County: 36047 NEW YORK/KINGS
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): GATE_JB-7
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02030202
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METROPOLITAN AREA
ECO Region:
RF1 Index: 02030202
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
Station is located in the Pumpkin Patch Channel in Jamaica Bay. The station can be found on the USGS 7.5' Far Rockaway N.Y. quadrangle. To reach the site: Drive boat into Big Fishkill Channel to Pumpkin Patch Channel. Take samples between Stony; Duck Point; and Pumpkin Patch Marshes; and Yellow Bar. Any data recorded with a depth of 999 indicates that the sample was collected at the bottom. Data recorded with a depth of 0 indicates that the sample was collected at the surface. For additional information on the water quality data stored at this station; contact the Division of Natural Resources at Gateway National Recreation Area - Building 210; Fort Wadsworth; Staten Island N.Y. 10305 (tel. 718-448-5505; fax. 718-448-4015). The park produces an Annual Report summarizing each year's monitoring activities. Data processed and uploaded to STORET by Dean Tucker; NPS Water Resources Division; 1201 Oak Ridge Drive Ste. 250; Fort Collins CO 80525 (tel. 970-225-3516; fax. 970-225-9965).

Parameter Inventory for Station: GATE0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/30/93	139	23.	22.304	27.3	14.2	7.886	2.808	17.6	21.2	24.1	25.2
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/28/92-08/30/93	30	24.	24.557	34.	14.5	18.647	4.318	17.75	22.625	26.625	30.7
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/28/92-08/30/93	29	1.37	1.354	2.44	0.76	0.171	0.414	0.76	1.07	1.565	1.98
00080	COLOR (PLATINUM-COBALT UNITS)	06/07/83-08/30/83	12	30.	33.333	60.	25.	115.152	10.731	25.	26.25	33.75	57.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-08/30/93	132	37000.	36615.909	40900.	30900.	5550050.312	2355.854	32860.	35200.	38600.	39470.
00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/30/93	113	6.	6.107	12.5	1.5	5.666	2.38	2.88	4.	8.	9.46
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/12/83-08/30/83	4	111.5	99.75	125.	51.	1098.25	33.14	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/01/83-08/30/83	14	8.	8.036	8.8	7.4	0.17	0.413	7.4	7.775	8.275	8.7
00403	CONVERTED PH, LAB, STANDARD UNITS	06/01/83-08/30/83	14	8.	7.869	8.8	7.4	0.2	0.447	7.4	7.775	8.275	8.7
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/01/83-08/30/83	14	0.01	0.014	0.04	0.002	0.	0.012	0.002	0.006	0.017	0.04
00406	PH, FIELD, STANDARD UNITS SU	05/30/89-08/30/93	107	8.12	8.115	9.	7.3	0.123	0.351	7.608	7.88	8.34	8.6
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/30/89-08/30/93	107	8.12	7.974	9.	7.3	0.143	0.379	7.608	7.88	8.34	8.6
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/89-08/30/93	107	0.008	0.011	0.05	0.001	0.	0.01	0.003	0.005	0.013	0.025
00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/30/93	142	24.75	24.68	28.9	18.9	3.259	1.805	22.33	23.575	26.2	26.7
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/09/83-08/23/83	2	0.04	0.04	0.052	0.027	0.	0.018	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/26/83-08/30/83	4	0.025	0.043	0.12	0.	0.003	0.055	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/01/83-08/30/83	12	14443.5	14453.583	15975.	12803.	841654.992	917.418	12972.8	13789.75	15139.75	15890.1
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/23/93	188	400.	1217.532	20400.	0.	6493878.347	2548.309	21.	89.	1246.5	3310.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/23/93	188	2.602	2.458	4.31	0.	0.796	0.892	1.322	1.949	3.096	3.52

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GATE0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			287.263								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/01/83-08/30/83	14	240.	1786.857	16000.	9.	18666749.824	4320.503	11.5	90.75	680.	10700.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/01/83-08/30/83	14	2.38	2.421	4.204	0.954	0.802	0.895	1.05	1.911	2.81	3.968
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			263.806								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/01/83-08/30/83	14	120.	1292.929	16000.	9.	17952224.379	4237.007	11.5	31.5	303.75	8350.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/01/83-08/30/83	14	2.078	2.081	4.204	0.954	0.669	0.818	1.05	1.497	2.482	3.525
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			120.487								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	194	57.	501.041	9309.	0.	1963907.449	1401.395	0.	7.	263.75	1148.5
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	194	1.756	1.631	3.969	0.	1.198	1.094	0.	0.845	2.421	3.059
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			42.801								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	09/08/83-08/16/93	9	8.32	9.303	22.27	0.59	60.546	7.781	0.59	2.455	16.075	22.27
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/09/83-09/08/83	4	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0058

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	113	30	0.27	35	10	0.29				78	20	0.26			
00403	PH, LAB	Other-Hi Lim.	8.5	14	3	0.21	5	0	0.00				9	3	0.33			
		Other-Lo Lim.	6.5	14	0	0.00	5	0	0.00				9	0	0.00			
00406	PH, FIELD	Other-Hi Lim.	8.5	107	19	0.18	29	0	0.00				78	19	0.24			
		Other-Lo Lim.	6.5	107	0	0.00	29	0	0.00				78	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	188	53	0.28	58	15	0.26				130	38	0.29			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	14	3	0.21	5	1	0.20				9	2	0.22			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	14	4	0.29	5	2	0.40				9	2	0.22			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	194	55	0.28	60	19	0.32				134	36	0.27			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1980 - Station GATE0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/23/93	10	57.5	244.2	1355.	11.	175042.178	418.38	13.2	42.	302.5	1270.6
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/23/93	10	1.759	1.959	3.132	1.041	0.376	0.613	1.089	1.62	2.453	3.09
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			90.943								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	10	50.5	74.5	333.	0.	9851.833	99.256	0.	8.25	91.75	313.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	10	1.701	1.425	2.522	0.	0.71	0.843	0.	0.781	1.95	2.483
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			26.594								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station GATE0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/23/93	10	12.5	87.2	290.	0.	14005.067	118.343	0.	2.25	198.25	289.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/23/93	10	1.088	1.227	2.462	0.	0.979	0.99	0.	0.358	2.287	2.461
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			16.877								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	12	30.5	314.917	3150.	0.	801053.902	895.016	0.	3.	144.5	2251.5
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	12	1.483	1.414	3.498	0.	1.126	1.061	0.	0.477	2.16	3.106
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			25.93								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station GATE0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/23/93	9	260.	596.667	2625.	15.	755432.25	869.156	15.	41.	956.5	2625.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/23/93	9	2.415	2.278	3.419	1.176	0.604	0.777	1.176	1.577	2.944	3.419
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			189.766								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	9	42.	150.111	1007.	0.	106300.611	326.038	0.	8.5	113.5	1007.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	9	1.623	1.459	3.003	0.	0.756	0.87	0.	0.889	1.957	3.003
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			28.747								

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Annual Analysis for 1983 - Station GATE0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/30/93	6	23.5	23.333	26.	20.	4.667	2.16	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/30/93	6	7.5	7.25	9.6	3.9	3.867	1.966	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/30/93	12	26.1	26.117	28.9	23.1	2.723	1.65	23.43	24.95	27.325	28.72
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/23/93	14	143.5	1223.143	10500.	30.	7897956.901	2810.33	33.	66.75	992.5	6900.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/23/93	14	2.155	2.384	4.021	1.477	0.566	0.753	1.517	1.824	2.994	3.77
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			242.052								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	14	70.	745.929	8900.	10.	5527280.687	2351.017	12.	28.75	177.	4725.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	14	1.841	1.979	3.949	1.	0.548	0.74	1.073	1.457	2.246	3.345
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			95.373								

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Annual Analysis for 1984 - Station GATE0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/23/93	12	1317.5	2430.75	12800.	187.	11644292.932	3412.374	249.4	678.	2674.75	9980.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/23/93	12	3.12	3.135	4.107	2.272	0.227	0.477	2.369	2.822	3.427	3.934
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1365.19								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	13	67.	116.077	277.	0.	9509.744	97.518	0.	41.5	227.	264.2
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	13	1.826	1.723	2.442	0.	0.672	0.82	0.	1.609	2.356	2.421
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			52.784								

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Annual Analysis for 1985 - Station GATE0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/23/93	11	1865.	3175.091	6666.	123.	6683573.091	2585.261	173.8	1198.	6666.	6666.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/23/93	11	3.271	3.284	3.824	2.09	0.305	0.553	2.187	3.078	3.824	3.824
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1923.254								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	12	18.5	666.583	6500.	0.	3414624.629	1847.87	0.6	5.5	344.5	4741.4
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	12	1.263	1.61	3.813	0.	1.309	1.144	0.09	0.736	2.534	3.51
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			40.754								

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Annual Analysis for 1986 - Station GATE0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/23/93	13	16.	34.154	145.	0.	2309.308	48.055	0.8	2.	56.	131.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/23/93	13	1.204	1.044	2.161	0.	0.556	0.746	0.12	0.301	1.675	2.117
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			11.056								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	13	2.	9.538	35.	0.	145.769	12.073	0.	0.	19.	32.2
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	13	0.301	0.621	1.544	0.	0.399	0.632	0.	0.	1.279	1.505
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4.18								

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Annual Analysis for 1987 - Station GATE0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/23/93	13	278.	831.	6567.	33.	3082160.	1755.608	55.4	115.5	617.5	4438.2
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/23/93	13	2.444	2.474	3.817	1.519	0.338	0.582	1.691	2.059	2.775	3.528
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			298.03								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	13	69.	105.231	362.	9.	11253.192	106.081	18.6	38.5	153.	326.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	13	1.839	1.835	2.559	0.954	0.185	0.43	1.18	1.585	2.172	2.509
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			68.402								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GATE0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/23/93	13	517.	795.231	3700.	28.	1064328.192	1031.663	30.4	153.	1185.5	2930.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/23/93	13	2.713	2.554	3.568	1.447	0.402	0.634	1.481	2.168	3.052	3.441
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			358.109								

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Annual Analysis for 1988 - Station GATE0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	14	69.5	585.214	4400.	0.	1366137.258	1168.819	0.	9.75	731.75	2812.5
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	14	1.842	1.871	3.643	0.	1.291	1.136	0.	0.976	2.856	3.366
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			74.322								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/30/93	17	23.1	22.112	24.1	18.3	4.901	2.214	18.62	19.75	24.	24.1
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-08/30/93	16	36550.	36656.25	40900.	31800.	6731958.333	2594.602	32850.	34550.	39250.	40130.
00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/30/93	7	8.6	8.314	12.3	5.	6.645	2.578	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	05/30/89-08/30/93	13	7.99	7.915	9.	7.3	0.21	0.458	7.34	7.45	8.15	8.68
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/30/89-08/30/93	13	7.99	7.735	9.	7.3	0.245	0.495	7.34	7.45	8.15	8.68
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/89-08/30/93	13	0.01	0.018	0.05	0.001	0.	0.016	0.003	0.007	0.036	0.046
00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/30/93	16	22.9	22.65	25.1	18.9	3.473	1.864	19.46	21.5	24.225	25.03
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/23/93	12	710.5	2360.5	17152.	0.	23246790.091	4821.493	6.6	159.5	2849.5	13093.9
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/23/93	12	2.83	2.602	4.234	0.	1.238	1.113	0.403	2.202	3.408	4.032
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			400.254								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	12	16.5	22.417	67.	0.	716.811	26.773	0.	0.	49.	67.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	12	1.192	0.874	1.826	0.	0.646	0.804	0.	0.	1.658	1.826
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			7.476								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/30/93	30	22.85	21.843	26.	14.2	12.254	3.501	16.31	18.6	24.95	25.49
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-08/30/93	30	37100.	36880.	39100.	32800.	1954068.966	1397.88	35210.	35925.	38000.	38590.
00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/30/93	27	6.6	6.374	9.4	2.4	3.493	1.869	3.36	4.8	7.9	8.74
00406	PH, FIELD, STANDARD UNITS SU	05/30/89-08/30/93	26	8.1	8.104	8.6	7.3	0.131	0.362	7.5	7.9	8.425	8.53
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/30/89-08/30/93	26	8.089	7.948	8.6	7.3	0.156	0.395	7.5	7.9	8.425	8.53
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/89-08/30/93	26	0.008	0.011	0.05	0.003	0.	0.011	0.003	0.004	0.013	0.032
00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/30/93	28	23.95	23.95	28.4	20.5	3.42	1.849	20.78	23.15	24.775	25.9
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/23/93	14	798.	1016.	3060.	174.	658799.692	811.665	217.5	362.5	1501.25	2429.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/23/93	14	2.9	2.871	3.486	2.241	0.138	0.371	2.329	2.558	3.175	3.37
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			742.522								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	14	125.	265.571	1276.	0.	130449.495	361.178	0.	21.75	400.	1012.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	14	2.096	1.807	3.106	0.	1.135	1.065	0.	1.097	2.6	2.99
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			64.184								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/30/93	26	23.7	23.515	27.3	17.6	4.727	2.174	20.6	22.675	24.65	26.08
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-08/30/93	26	35850.	36169.231	40900.	31000.	7983015.385	2825.423	32040.	33900.	38750.	39760.
00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/30/93	19	5.6	5.258	7.	2.5	2.031	1.425	2.8	3.8	6.5	7.
00406	PH, FIELD, STANDARD UNITS SU	05/30/89-08/30/93	17	8.1	8.141	8.6	7.8	0.049	0.221	7.8	8.	8.25	8.52
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/30/89-08/30/93	17	8.1	8.092	8.6	7.8	0.051	0.227	7.8	8.	8.25	8.52
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/89-08/30/93	17	0.008	0.008	0.016	0.003	0.	0.004	0.003	0.006	0.01	0.016

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/30/93	26	24.5	24.562	26.7	22.	2.134	1.461	22.35	23.375	26.025	26.53
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/23/93	28	637.5	735.857	2001.	87.	284248.72	533.15	139.2	435.	899.	1531.2
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/23/93	28	2.804	2.737	3.301	1.94	0.141	0.376	2.139	2.638	2.954	3.183
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			545.696								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	28	359.5	1264.714	7192.	0.	3993126.138	1998.281	0.	29.	1305.	4190.5
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	28	2.553	2.307	3.857	0.	1.404	1.185	0.	1.462	3.116	3.613
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			202.612								

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Annual Analysis for 1992 - Station GATE0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/30/93	30	22.05	21.67	24.5	16.8	4.879	2.209	17.62	20.075	23.5	24.08
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-08/30/93	30	37100.	36840.	39800.	32200.	3746620.69	1935.619	34010.	35550.	38650.	39080.
00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/30/93	30	6.75	6.947	12.5	2.6	5.614	2.369	3.91	5.3	8.275	9.95
00406	PH, FIELD, STANDARD UNITS SU	05/30/89-08/30/93	30	8.14	8.16	8.82	7.58	0.137	0.371	7.615	7.858	8.418	8.7
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/30/89-08/30/93	30	8.14	8.022	8.82	7.58	0.157	0.397	7.615	7.857	8.418	8.7
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/89-08/30/93	30	0.007	0.01	0.026	0.002	0.	0.007	0.002	0.004	0.014	0.024
00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/30/93	30	26.2	25.993	27.4	23.5	0.612	0.782	25.1	25.675	26.525	26.79
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/23/93	15	1015.	1960.4	6090.	29.	4968844.257	2229.09	63.8	87.	4118.	5863.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/23/93	15	3.006	2.803	3.785	1.462	0.654	0.809	1.749	1.94	3.615	3.768
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			635.979								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	15	58.	1308.867	9309.	0.	6217136.552	2493.419	0.	0.	1943.	5672.4
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	15	1.763	1.9	3.969	0.	2.023	1.422	0.	0.	3.288	3.695
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			79.421								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station GATE0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/30/93	30	23.	22.25	26.7	15.6	10.616	3.258	16.5	21.025	25.	25.94
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-08/30/93	30	37150.	36493.333	40100.	30900.	8686850.575	2947.346	31900.	34625.	39225.	39680.
00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/30/93	24	3.75	4.5	10.5	1.5	6.283	2.507	2.25	2.625	5.5	10.
00406	PH, FIELD, STANDARD UNITS SU	05/30/89-08/30/93	21	8.21	8.167	8.65	7.6	0.093	0.305	7.71	7.85	8.41	8.54
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/30/89-08/30/93	21	8.21	8.062	8.65	7.6	0.104	0.323	7.71	7.85	8.41	8.54
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/89-08/30/93	21	0.006	0.009	0.025	0.002	0.	0.006	0.003	0.004	0.014	0.02
00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/30/93	30	24.35	24.66	27.1	22.1	1.94	1.393	22.84	23.5	26.125	26.68
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/23/93	14	359.5	1774.857	20400.	0.	28795553.055	5366.149	14.5	171.75	558.25	10635.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/23/93	14	2.553	2.402	4.31	0.	0.866	0.931	0.731	2.211	2.744	3.625
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			252.504								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	15	0.	177.267	1595.	0.	169181.924	411.317	0.	0.	200.	878.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	15	0.	1.049	3.203	0.	1.492	1.222	0.	0.	2.301	2.842
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			11.192								

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Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/30/93	42	23.55	23.745	26.	21.5	1.516	1.231	22.	23.	25.	25.2
00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/30/93	35	5.5	5.363	8.5	1.5	3.204	1.79	2.5	3.9	6.6	8.
00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/30/93	43	25.3	25.209	28.9	22.	2.678	1.637	22.68	23.8	26.5	27.28
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/23/93	58	496.5	1224.466	12800.	0.	5352780.253	2313.608	31.3	154.	1085.	3475.9
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/23/93	58	2.696	2.547	4.107	0.	0.663	0.814	1.487	2.187	3.032	3.541
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			352.703								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	60	72.5	574.95	9309.	0.	3045890.489	1745.248	0.	22.75	294.25	728.2
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	60	1.859	1.814	3.969	0.	0.981	0.991	0.	1.353	2.468	2.861
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			65.191								

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Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/30/93	97	22.5	21.679	27.3	14.2	9.386	3.064	16.8	19.45	23.95	25.24
00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/30/93	78	6.25	6.441	12.5	2.	6.462	2.542	2.98	4.	8.325	9.62
00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/30/93	99	24.6	24.451	28.4	18.9	3.365	1.834	22.1	23.4	26.1	26.5
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/23/93	130	377.	1214.438	20400.	0.	7048393.364	2654.881	21.	87.	1262.75	3266.6
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/23/93	130	2.576	2.419	4.31	0.	0.856	0.925	1.322	1.94	3.101	3.514
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			262.128								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	134	38.5	467.948	7192.	0.	1495128.531	1222.754	0.	2.	233.75	1290.5
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	134	1.585	1.55	3.857	0.	1.281	1.132	0.	0.301	2.369	3.111
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			35.451								

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Station Inventory for Station: GATE0059

NPS Station ID: GATE0059
LAT/LON: 40.585004/ -73.846671
Agency: REGII208
Date Created: 05/25/78
Location: JAMAICA BAY
FIPS State/County: 36081 NEW YORK/QUEENS
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): NYC001J8 /J8
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030202
Depth of Water: 25
Aquifer:
Major Basin: BEACH CHANNEL OFF B121ST
Elevation: 0
Water Body Id:
Minor Basin: 600YD EAST OF FLASHING GR 3
ECO Region:
RF1 Index: 02030202028
RF1 Mile Point: 6.170
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02030202002821.05
RF3 Mile Point: 25.06
Distance from RF3: 0.18
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/15/76-07/18/77	4	12.2	12.4	24.	1.2	164.453	12.824	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	12/15/76-07/18/77	4	8.95	8.975	11.8	6.2	9.229	3.038	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	12/15/76-07/18/77	2	2.65	2.65	2.9	2.4	0.125	0.354	**	**	**	**
00400	PH (STANDARD UNITS)	12/15/76-12/15/76	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/15/76-12/15/76	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/15/76-12/15/76	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	12/15/76-07/18/77	2	6.5	6.5	8.	5.	4.5	2.121	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/15/76-07/18/77	2	0.383	0.383	0.58	0.185	0.078	0.279	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/15/76-07/18/77	2	0.037	0.037	0.041	0.032	0.	0.006	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/15/76-07/18/77	2	0.113	0.113	0.17	0.055	0.007	0.081	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/15/76-07/18/77	2	0.995	0.995	1.19	0.8	0.076	0.276	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/15/76-07/18/77	2	0.188	0.188	0.19	0.185	0.	0.004	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	12/15/76-07/18/77	4	15850.	15775.	16100.	15300.	155833.333	394.757	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	12/15/76-12/15/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	12/15/76-12/15/76	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	12/15/76-12/15/76	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	12/15/76-12/15/76	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	12/15/76-12/15/76	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	12/15/76-12/15/76	1	29.	29.	29.	29.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	12/15/76-07/18/77	2	2650.	2650.	3100.	2200.	405000.	636.396	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	12/15/76-07/18/77	2	3.417	3.417	3.491	3.342	0.011	0.105	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			2611.513								
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/15/76-07/18/77	2	5.	5.	5.	5.	0.	0.	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/15/76-07/18/77	2	0.699	0.699	0.699	0.699	0.	0.	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			5.								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/15/76-07/18/77	2	5.	5.	5.	5.	0.	0.	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/15/76-07/18/77	2	0.699	0.699	0.699	0.699	0.	0.	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			5.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/15/76-07/18/77	2	710.	710.	790.	630.	12800.	113.137	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/15/76-07/18/77	2	2.848	2.848	2.898	2.799	0.005	0.069	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			705.479								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	12/15/76-07/18/77	2	0.087	0.087	0.1	0.075	0.	0.018	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	12/15/76-12/15/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0059

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00				2	0	0.00	2	0	0.00			
00400	PH	Other-Hi Lim.	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
01027	CADMIUM, TOTAL	Marine Acute	43.	1	0	0.00				1	0	0.00						
01042	COPPER, TOTAL	Marine Acute	2.9	1	1	1.00				1	1	1.00						
01051	LEAD, TOTAL	Marine Acute	220.	1	0	0.00				1	0	0.00						
01067	NICKEL, TOTAL	Marine Acute	75.	1	0	0.00				1	0	0.00						
01092	ZINC, TOTAL	Marine Acute	95.	1	0	0.00				1	0	0.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	2	1.00				1	1	1.00	1	1	1.00			
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	2	0	0.00				1	0	0.00	1	0	0.00			
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	2	0	0.00				1	0	0.00	1	0	0.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	2	2	1.00				1	1	1.00	1	1	1.00			
71900	MERCURY, TOTAL	Marine Acute	2.1	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0060

NPS Station ID: GATE0060
LAT/LON: 40.572781/ -73.847781
Agency: REGII208
Date Created: 05/25/78
Location: ATLANTIC OCEAN
FIPS State/County: 36047 NEW YORK/
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): NYC001B11 /B11
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC:
Depth of Water: 3
Aquifer:
Major Basin: SURF ZONE-B 130 ST
Elevation: 0
Water Body Id:
Minor Basin: BELLE HARBOR-ROCKAWAY PARK
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 14.50
On/Off RF1:
RF3 Index: 02030201000101.63
RF3 Mile Point: 3.61
Distance from RF3: 1.04
On/Off RF3:
Description:
NEW YORK CORPS OF ENGINEERS DREDGING STUDIES

Parameter Inventory for Station: GATE0060

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/10/75-06/11/77	24	14.	14.242	17.	13.	1.049	1.024	13.	13.575	15.	15.75
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/07/77-07/16/77	21	108.	107.905	112.	103.	4.29	2.071	106.	107.	109.	111.6
00480	SALINITY - PARTS PER THOUSAND	11/10/75-06/09/77	20	29.8	29.355	31.	25.6	1.673	1.293	27.32	28.825	30.175	30.48
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	07/12/77-07/12/77	2	7.	7.	7.	7.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/10/75-07/16/77	25	50.	208.	1300.	20.	146250.	382.426	20.	20.	125.	994.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	11/10/75-07/16/77	25	1.699	1.818	3.114	1.301	0.371	0.609	1.301	1.301	2.094	2.984
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			65.701								
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/10/75-07/16/77	25	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/10/75-07/16/77	25	0.699	0.699	0.699	0.699	0.	0.	0.699	0.699	0.699	0.699
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			5.								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/10/75-07/16/77	33	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/10/75-07/16/77	33	0.699	0.699	0.699	0.699	0.	0.	0.699	0.699	0.699	0.699
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			5.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/10/75-07/16/77	33	20.	63.333	490.	20.	11485.417	107.17	20.	20.	50.	242.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/10/75-07/16/77	33	1.301	1.537	2.69	1.301	0.154	0.393	1.301	1.301	1.699	2.328
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			34.46								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0060

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	25	2	0.08				12	2	0.17	13	0	0.00			
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	25	0	0.00				12	0	0.00	13	0	0.00			
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	33	0	0.00				12	0	0.00	21	0	0.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	33	3	0.09				12	2	0.17	21	1	0.05			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0061

NPS Station ID: GATE0061
LAT/LON: 40.590781/ -73.852115
Agency: 11NPSWRD
Date Created: 12/28/96
Location: Ruffle Bar
FIPS State/County: 36047 NEW YORK/KINGS
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): GATE_JB-5 /ALSO_RB-5
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02030202
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METROPOLITAN AREA
ECO Region:
RF1 Index: 02030202
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
Station is located in the Ruffle Bar east of Floyd Bennett Field. The station can be found on the USGS 7.5' Far Rockaway N.Y. quadrangle. To reach the site: Drive boat to Nun (green) Marker #5 approx. 500 yards south of Ruffle Bar where the Runway Channel and The Raunt converge. Take samples by the Nun marker. Any data recorded with a depth of 999 indicates that the sample was collected at the bottom. Data recorded with a depth of 0 indicates that the sample was collected at the surface. For additional information on the water quality data stored at this station; contact the Division of Natural Resources at Gateway National Recreation Area - Building 210; Fort Wadsworth; Staten Island N.Y. 10305 (tel. 718-448-5505; fax. 718-448-4015). The park produces an Annual Report summarizing each year's monitoring activities. Data processed and uploaded to STORET by Dean Tucker; NPS Water Resources Division; 1201 Oak Ridge Drive Ste. 250; Fort Collins CO 80525 (tel. 970-225-3516; fax. 970-225-9965).

Parameter Inventory for Station: GATE0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/30/93	141	22.	21.063	26.7	12.9	9.91	3.148	16.02	19.45	23.3	24.8
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/28/92-08/30/93	30	23.8	23.287	32.	12.	20.893	4.571	16.1	20.75	26.	28.9
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/28/92-08/30/93	28	1.715	1.779	2.82	0.92	0.301	0.548	1.19	1.37	2.253	2.606
00080	COLOR (PLATINUM-COBALT UNITS)	06/07/83-08/30/83	12	25.	26.667	50.	20.	69.697	8.348	20.	20.	30.	44.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-08/30/93	134	38700.	38109.701	43100.	30100.	7832762.316	2798.707	33650.	36475.	40100.	41500.
00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/30/93	122	7.	6.825	12.5	1.5	4.894	2.212	3.62	5.275	8.225	9.4
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/12/83-08/30/83	4	74.	76.	96.	60.	302.	17.378	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/01/83-08/30/83	14	7.85	7.957	8.5	7.5	0.107	0.327	7.55	7.7	8.25	8.45
00403	CONVERTED PH, LAB, STANDARD UNITS	06/01/83-08/30/83	14	7.847	7.857	8.5	7.5	0.118	0.344	7.55	7.7	8.25	8.45
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/01/83-08/30/83	14	0.014	0.014	0.032	0.003	0.	0.009	0.004	0.006	0.02	0.028
00406	PH, FIELD, STANDARD UNITS SU	05/30/89-08/30/93	108	8.1	8.111	9.3	6.7	0.167	0.409	7.69	7.9	8.4	8.582
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/30/89-08/30/93	108	8.1	7.851	9.3	6.7	0.235	0.485	7.69	7.9	8.4	8.582
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/89-08/30/93	108	0.008	0.014	0.2	0.001	0.001	0.028	0.003	0.004	0.013	0.02
00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/30/93	147	26.3	26.041	29.1	18.9	4.699	2.168	22.58	25.4	27.5	28.5
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/09/83-08/23/83	2	0.037	0.037	0.05	0.023	0.	0.019	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/26/83-08/30/83	4	0.043	0.049	0.092	0.02	0.001	0.034	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/01/83-08/30/83	12	15038.5	14949.083	16089.	13256.	579857.356	761.484	13492.7	14584.	15464.25	15987.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/23/93	203	206.	992.768	19966.	0.	4813820.575	2194.042	0.	32.	812.	2813.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/23/93	203	2.314	2.164	4.3	0.	1.166	1.08	0.	1.505	2.91	3.449

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GATE0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			145.756								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/01/83-08/30/83	14	445.	3503.429	24000.	79.	44844832.11	6696.628	79.	170.	4100.	16600.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/01/83-08/30/83	14	2.638	2.862	4.38	1.898	0.644	0.803	1.898	2.23	3.526	4.172
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			727.337								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/01/83-08/30/83	14	180.	1644.571	9200.	13.	10638214.418	3261.628	23.	64.75	1290.	9200.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/01/83-08/30/83	14	2.244	2.414	3.964	1.114	0.76	0.872	1.316	1.806	3.068	3.964
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			259.212								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	207	29.	273.28	4350.	0.	593167.212	770.173	0.	0.	189.	464.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	207	1.462	1.388	3.638	0.	1.128	1.062	0.	0.	2.276	2.667
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			24.46								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	09/08/83-08/16/93	9	5.6	8.557	25.3	1.34	64.202	8.013	1.34	1.86	13.51	25.3
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/09/83-09/08/83	4	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0061

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	122	15	0.12	40	7	0.18				82	8	0.10			
00403	PH, LAB	Other-Hi Lim.	8.5	14	1	0.07	5	0	0.00				9	1	0.11			
		Other-Lo Lim.	6.5	14	0	0.00	5	0	0.00				9	0	0.00			
00406	PH, FIELD	Other-Hi Lim.	8.5	108	18	0.17	29	1	0.03				79	17	0.22			
		Other-Lo Lim.	6.5	108	0	0.00	29	0	0.00				79	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	203	40	0.20	60	12	0.20				143	28	0.20			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	14	5	0.36	5	3	0.60				9	2	0.22			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	14	7	0.50	5	4	0.80				9	3	0.33			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	207	50	0.24	62	18	0.29				145	32	0.22			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1980 - Station GATE0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/23/93	10	27.5	92.1	533.	0.	26901.656	164.017	0.	0.	130.5	495.3
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/23/93	10	1.43	1.255	2.727	0.	0.971	0.985	0.	0.	2.113	2.673
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			17.997								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	10	22.	41.6	122.	0.	1979.156	44.488	0.6	9.75	78.	120.9
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	10	1.28	1.302	2.086	0.	0.42	0.648	0.078	0.976	1.881	2.082
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			20.054								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station GATE0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/23/93	12	43.	114.083	660.	0.	37226.447	192.942	0.3	11.25	100.25	558.9
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/23/93	12	1.633	1.498	2.82	0.	0.74	0.86	0.	1.044	1.998	2.726
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			31.45								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	12	17.	73.667	408.	0.	18125.879	134.632	0.	3.	49.5	376.5
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	12	1.23	1.182	2.611	0.	0.748	0.865	0.	0.477	1.695	2.572
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			15.193								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station GATE0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/23/93	15	62.	323.933	1447.	8.	218818.067	467.78	8.	18.	830.	1182.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/23/93	15	1.792	1.933	3.16	0.903	0.634	0.796	0.903	1.255	2.919	3.066
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			85.755								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	15	20.	60.133	228.	0.	7526.267	86.754	0.	3.	106.	224.4
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	15	1.301	1.181	2.358	0.	0.704	0.839	0.	0.477	2.025	2.351
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			15.164								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station GATE0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/30/93	6	23.5	23.167	25.	20.	3.767	1.941	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/30/93	6	6.55	6.1	7.5	4.5	1.476	1.215	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/30/93	12	27.15	27.	29.1	23.9	1.924	1.387	24.35	26.35	27.9	28.92
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/23/93	14	247.5	1471.429	6500.	30.	5502589.956	2345.76	39.	90.	2055.	6000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/23/93	14	2.384	2.574	3.813	1.477	0.599	0.774	1.579	1.954	3.179	3.777
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			374.561								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	14	146.5	726.	3900.	25.	1577741.692	1256.082	26.	40.5	704.25	3550.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	14	2.152	2.267	3.591	1.398	0.565	0.751	1.415	1.602	2.795	3.548
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			184.886								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GATE0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/23/93	13	733.	1687.769	7133.	209.	3936018.026	1983.94	211.4	482.	2270.	5933.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/23/93	13	2.865	2.99	3.853	2.32	0.223	0.473	2.325	2.663	3.356	3.758
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			978.132								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	13	63.	107.462	336.	0.	11430.936	106.916	5.6	34.	196.	307.6
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	13	1.799	1.745	2.526	0.	0.438	0.662	0.458	1.516	2.283	2.485
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			55.635								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GATE0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/23/93	13	744.	2504.615	6666.	113.	8439281.256	2905.044	150.2	550.	6666.	6666.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/23/93	13	2.872	3.062	3.824	2.053	0.356	0.597	2.157	2.74	3.824	3.824
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1152.719								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	14	27.5	102.714	700.	0.	39243.143	198.099	0.	2.	83.5	540.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	14	1.423	1.286	2.845	0.	0.847	0.92	0.	0.301	1.918	2.712
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			19.333								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GATE0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/23/93	13	103.	214.385	977.	0.	83608.756	289.152	0.8	7.	277.	838.6
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/23/93	13	2.013	1.732	2.99	0.	0.995	0.997	0.12	0.69	2.437	2.914
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			53.954								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	13	51.	113.077	520.	0.	28811.41	169.739	0.	2.	151.5	480.8
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	13	1.708	1.352	2.716	0.	0.987	0.993	0.	0.301	2.165	2.68
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			22.481								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GATE0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/23/93	14	175.	354.5	1856.	16.	226669.192	476.098	19.	122.5	408.5	1286.5
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/23/93	14	2.243	2.269	3.269	1.204	0.296	0.544	1.273	2.085	2.6	3.062
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			185.746								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	14	16.5	59.786	373.	2.	11242.335	106.03	5.5	10.5	47.	297.5
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	14	1.217	1.355	2.572	0.301	0.343	0.586	0.628	1.02	1.67	2.459
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			22.67								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GATE0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/23/93	14	267.	346.929	855.	28.	82116.533	286.56	36.5	115.5	552.5	836.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/23/93	14	2.41	2.35	2.932	1.447	0.224	0.474	1.55	2.043	2.737	2.922
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			223.881								

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Annual Analysis for 1988 - Station GATE0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	14	25.	75.429	295.	0.	10809.033	103.966	0.	12.75	114.	292.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	14	1.395	1.364	2.47	0.	0.718	0.848	0.	0.923	2.031	2.465
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			23.121								

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Annual Analysis for 1989 - Station GATE0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/30/93	20	22.3	20.97	23.7	16.3	6.146	2.479	17.13	19.225	23.25	23.59
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-08/30/93	19	37900.	38115.789	42900.	30100.	11368070.175	3371.657	33600.	35700.	40400.	42800.
00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/30/93	10	8.25	8.14	12.	4.9	4.374	2.091	4.91	7.025	8.95	11.8
00406	PH, FIELD, STANDARD UNITS SU	05/30/89-08/30/93	14	7.8	7.757	9.3	6.7	0.403	0.635	6.75	7.4	8.	8.8
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/30/89-08/30/93	14	7.8	7.391	9.3	6.7	0.547	0.74	6.75	7.4	8.	8.8
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/89-08/30/93	14	0.016	0.041	0.2	0.001	0.004	0.06	0.003	0.01	0.04	0.179
00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/30/93	20	23.95	23.88	27.8	20.1	5.567	2.359	20.42	22.075	25.875	26.78
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/23/93	15	1072.	3347.4	19966.	77.	26658942.829	5163.23	135.2	198.	5467.	12086.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/23/93	15	3.03	3.065	4.3	1.886	0.505	0.711	2.099	2.297	3.738	4.021
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1160.786								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	15	29.	427.667	3016.	0.	1046387.095	1022.931	0.	0.	99.	2929.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	15	1.462	1.363	3.479	0.	1.431	1.196	0.	0.	1.996	3.467
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			23.056								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/30/93	30	21.3	20.683	25.4	12.9	12.294	3.506	15.53	18.525	23.5	25.07
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-08/30/93	30	39350.	39283.333	43100.	36400.	4137298.851	2034.035	36800.	37500.	41125.	42280.
00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/30/93	27	7.6	7.23	10.1	4.2	3.266	1.807	4.74	5.2	8.8	9.4
00406	PH, FIELD, STANDARD UNITS SU	05/30/89-08/30/93	26	8.2	8.108	9.1	6.8	0.237	0.487	7.44	7.8	8.4	8.56
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/30/89-08/30/93	26	8.2	7.783	9.1	6.8	0.347	0.589	7.44	7.8	8.4	8.56
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/89-08/30/93	26	0.006	0.016	0.158	0.001	0.001	0.031	0.003	0.004	0.016	0.037
00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/30/93	30	26.1	25.623	28.6	20.6	4.452	2.11	22.22	25.3	26.925	28.03
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/23/93	15	493.	952.	3819.	29.	1326580.429	1151.773	46.4	67.	1340.	3445.2
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/23/93	15	2.693	2.623	3.582	1.462	0.432	0.657	1.643	1.826	3.127	3.536
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			419.293								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	15	87.	404.067	4020.	0.	1041058.781	1020.323	0.	0.	268.	2050.2
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	15	1.94	1.352	3.604	0.	1.842	1.357	0.	0.	2.428	3.162
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			22.506								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/30/93	25	22.6	22.484	26.7	16.	5.91	2.431	18.92	21.4	23.9	25.34
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-08/30/93	25	37800.	37604.	42500.	32100.	9287900.	3047.606	33360.	34850.	40300.	41700.
00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/30/93	22	7.3	7.132	10.9	3.3	2.94	1.715	4.41	5.875	8.225	9.1
00406	PH, FIELD, STANDARD UNITS SU	05/30/89-08/30/93	17	8.1	8.171	8.5	7.9	0.043	0.208	7.9	8.	8.4	8.5
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/30/89-08/30/93	17	8.1	8.126	8.5	7.9	0.046	0.213	7.9	8.	8.4	8.5
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/89-08/30/93	17	0.008	0.007	0.013	0.003	0.	0.003	0.003	0.004	0.01	0.013

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Annual Analysis for 1991 - Station GATE0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/30/93	25	26.3	26.12	28.8	22.2	2.855	1.69	23.24	25.2	27.35	28.02
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/23/93	26	348.	488.846	1711.	0.	320916.935	566.495	0.	29.	790.25	1589.2
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/23/93	26	2.542	2.056	3.233	0.	1.167	1.08	0.	1.462	2.898	3.201
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			113.77								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	28	150.	725.714	4350.	0.	1889583.915	1374.621	0.	0.	464.	3645.3
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	28	2.151	1.673	3.638	0.	1.905	1.38	0.	0.	2.667	3.561
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			47.11								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/30/93	30	20.1	20.14	23.3	14.4	6.834	2.614	15.9	18.3	22.7	23.19
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-08/30/93	30	38850.	38270.	42000.	33800.	4828379.31	2197.357	34920.	36525.	39800.	41190.
00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/30/93	30	7.	7.517	11.5	3.3	4.029	2.007	5.21	5.95	9.075	10.78
00406	PH, FIELD, STANDARD UNITS SU	05/30/89-08/30/93	30	8.185	8.231	8.7	7.82	0.088	0.296	7.861	7.988	8.525	8.679
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/30/89-08/30/93	30	8.185	8.142	8.7	7.82	0.096	0.309	7.861	7.987	8.525	8.679
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/89-08/30/93	30	0.007	0.007	0.015	0.002	0.	0.004	0.002	0.003	0.01	0.014
00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/30/93	30	27.9	27.987	29.1	26.5	0.559	0.748	26.83	27.475	28.7	29.08
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/23/93	15	116.	1219.933	7482.	0.	4667245.638	2160.381	0.	0.	2726.	5359.2
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/23/93	15	2.064	1.8	3.874	0.	2.226	1.492	0.	0.	3.436	3.707
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			63.05								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	15	29.	293.867	2407.	0.	410271.838	640.525	0.	0.	348.	1467.4
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	15	1.462	1.199	3.381	0.	1.639	1.28	0.	0.	2.542	3.107
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			15.799								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station GATE0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/30/93	30	21.75	20.823	26.5	13.1	15.397	3.924	14.3	17.95	24.175	24.9
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-08/30/93	30	38100.	37193.333	41300.	31800.	9673747.126	3110.265	32180.	33400.	39900.	40920.
00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/30/93	27	5.	5.074	12.5	1.5	6.071	2.464	2.	3.	6.5	8.2
00406	PH, FIELD, STANDARD UNITS SU	05/30/89-08/30/93	21	8.1	8.13	8.58	7.6	0.061	0.247	7.816	7.945	8.32	8.52
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/30/89-08/30/93	21	8.1	8.063	8.58	7.6	0.066	0.256	7.816	7.945	8.32	8.52
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/89-08/30/93	21	0.008	0.009	0.025	0.003	0.	0.005	0.003	0.005	0.011	0.015
00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/30/93	30	25.9	25.507	28.9	18.9	3.909	1.977	22.19	25.15	26.35	27.39
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/23/93	14	0.	798.214	10653.	0.	8050553.258	2837.35	0.	0.	116.	5428.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/23/93	14	0.	0.86	4.027	0.	1.724	1.313	0.	0.	2.032	3.167
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			7.25								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	15	0.	53.4	348.	0.	11801.4	108.634	0.	0.	58.	289.2
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	15	0.	0.591	2.542	0.	1.054	1.027	0.	0.	1.763	2.455
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.899								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/30/93	43	22.9	22.888	25.4	16.3	2.884	1.698	21.06	22.1	24.	24.9
00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/30/93	40	6.35	6.163	10.9	1.5	4.764	2.183	3.03	4.725	7.65	9.09
00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/30/93	44	26.8	26.586	29.1	18.9	4.127	2.031	23.7	25.925	27.9	28.75
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/23/93	60	207.5	1226.433	19966.	0.	8810298.623	2968.215	0.	19.	825.5	3756.7
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/23/93	60	2.317	2.109	4.3	0.	1.502	1.226	0.	1.277	2.916	3.574
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			128.571								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	62	50.	354.403	4020.	0.	806604.441	898.112	0.	1.5	211.5	449.3
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	62	1.696	1.52	3.604	0.	1.234	1.111	0.	0.226	2.325	2.65
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			33.093								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/30/93	98	20.8	20.262	26.7	12.9	10.93	3.306	15.48	17.7	22.7	24.1
00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/30/93	82	7.1	7.148	12.5	2.	4.695	2.167	4.06	5.7	8.6	9.85
00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/30/93	103	26.1	25.809	29.1	20.1	4.804	2.192	22.28	24.7	27.4	28.16
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/23/93	143	203.	894.727	10653.	0.	3154462.355	1776.081	2.	43.	812.	2078.2
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/23/93	143	2.307	2.186	4.027	0.	1.033	1.017	0.301	1.633	2.91	3.316
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			153.633								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	145	28.	238.593	4350.	0.	502827.035	709.103	0.	0.	108.	464.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	145	1.447	1.332	3.638	0.	1.08	1.039	0.	0.	2.033	2.667
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			21.495								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0062

NPS Station ID: GATE0062
LAT/LON: 40.648893/ -73.854448
Agency: 21NYDECB
Date Created: 03/30/96
Location: Old Mill Basin off Jamaica Bay
FIPS State/County: 36047 NEW YORK/KINGS
Station Type: /TYPA/AMBNT/ESTURY/NET
STORET Station ID(s): 17011B40
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02030202
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id: NY00000 Old Mill Basin o
Minor Basin: L.HUDSON - NYC
ECO Region:
RF1 Index: 02030202
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0062

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GATE0063

NPS Station ID: GATE0063 | LAT/LON: 40.642726/ -73.855948 | Agency: 11NPSWRD | Date Created: 12/21/96
Location: Old Mill Creek | FIPS State/County: 36047 NEW YORK/KINGS
Station Type: /TYPA/AMBNT/ESTURY | STORET Station ID(s): GATE_JB-6B
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 02030202 | Depth of Water: 0 | Aquifer:
Major Basin: NORTHEAST | Elevation: 0 | Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METROPOLITAN AREA | ECO Region:
RF1 Index: 02030202 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 02030202104200.00 | RF3 Mile Point: 0.00 | Distance from RF3: 4.93 | On/Off RF3:
Description:
Station is located at the Old Mill Creek inlet to Jamaica Bay. The station can be found on the USGS 7.5' Jamaica NY quadrangle. To reach the site: Drive boat east to front of Old Mill Creek inlet. Take samples on the western side of the inlet. Any data recorded with a depth of 999 indicates that the sample was collected at the bottom. Data recorded with a depth of 0 indicates that the sample was collected at the surface. For additional information on the water quality data stored at this station; contact the Division of Natural Resources at Gateway National Recreation Area - Building 210; Fort Wadsworth; Staten Island N.Y. 10305 (tel. 718-448-5505; fax. 718-448-4015). The park produces an Annual Report summarizing each year's monitoring activities. Data processed and uploaded to STORET by Dean Tucker; NPS Water Resources Division; 1201 Oak Ridge Drive Ste. 250; Fort Collins CO 80525 (tel. 970-225-3516; fax. 970-225-9965).

Parameter Inventory for Station: GATE0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/30/89-08/15/89	20	23.15	21.885	24.2	17.6	5.84	2.417	17.92	19.1	23.8	24.09
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-08/15/89	20	37150.	37135.	41600.	31400.	7887657.895	2808.497	32890.	35075.	39875.	40400.
00300	OXYGEN, DISSOLVED MG/L	05/30/89-08/08/89	10	6.65	6.71	10.7	3.1	5.63	2.373	3.19	4.975	8.4	10.56
00406	PH, FIELD, STANDARD UNITS SU	05/30/89-08/08/89	14	7.8	7.586	8.4	6.5	0.301	0.549	6.5	7.275	7.9	8.25
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/30/89-08/08/89	14	7.8	7.193	8.4	6.5	0.467	0.684	6.5	7.275	7.9	8.25
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/89-08/08/89	14	0.016	0.064	0.316	0.004	0.012	0.108	0.006	0.013	0.053	0.316
00480	SALINITY - PARTS PER THOUSAND	05/30/89-08/15/89	20	22.35	22.21	25.6	18.4	4.471	2.115	18.92	20.9	24.05	25.13
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/30/89-08/30/89	14	971.5	4766.214	40066.	145.	111194875.566	10544.898	177.	250.25	4009.	24760.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/30/89-08/30/89	14	2.969	3.056	4.603	2.161	0.526	0.726	2.241	2.398	3.566	4.289
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1138.368								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/30/89-08/30/89	14	5.5	38.429	145.	0.	2982.571	54.613	0.	0.	70.25	141.5
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/30/89-08/30/89	14	0.521	0.875	2.161	0.	0.903	0.95	0.	0.	1.821	2.151
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			7.503								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0063

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	10	2	0.20	2	0	0.00				8	2	0.25			
00406	PH, FIELD	Other-Hi Lim.	9.	14	0	0.00	2	0	0.00				12	0	0.00			
		Other-Lo Lim.	6.5	14	2	0.14	2	0	0.00				12	2	0.17			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	14	7	0.50	4	2	0.50				10	5	0.50			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	14	0	0.00	4	0	0.00				10	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0064

NPS Station ID: GATE0064
LAT/LON: 40.641670/ -73.856115
Agency: 1111H030
Date Created: / /
Location: JAMAICA BAY (924)
FIPS State/County: 36081 NEW YORK/QUEENS
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): 403830007351220/924
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02030202
Depth of Water: 28
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-N.Y. METROPOLI
ECO Region:
RF1 Index: 02030202028
RF1 Mile Point: 26.780
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02030202134700.00
RF3 Mile Point: 0.00
Distance from RF3: 0.15
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0064

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00940	CHLORIDE,TOTAL IN WATER MG/L	04/22/65-04/22/65	2	14100.	14100.	14300.	13900.	80000.	282.843	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/22/65-04/22/65	2	45000.	45000.	87000.	3000.	3528000000.	59396.97	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/22/65-04/22/65	2	4.208	4.208	4.94	3.477	1.069	1.034	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			16155.494								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/22/65-04/22/65	2	31400.	31400.	60000.	2800.	1635920000.	40446.508	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/22/65-04/22/65	2	4.113	4.113	4.778	3.447	0.886	0.941	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			12961.481								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0064

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	2	1.00							2	2	1.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	2	2	1.00							2	2	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0065

NPS Station ID: GATE0065
LAT/LON: 40.584448/ -73.856393
Agency: 11NYCOR
Date Created: 09/22/79
Location: ROCKAWAY INLET BEACH CHNL NORTH OF BELLE HARBOR
FIPS State/County: 36081 NEW YORK/QUEENS
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): NYCOR78
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02030202
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METRO AREA
ECO Region:
RF1 Index: 02030202027
RF1 Mile Point: 23.430
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02030201000101.63
RF3 Mile Point: 10.28
Distance from RF3: 0.26
On/Off RF3:
Description:
NEW YORK CORPS OF ENGINEERS DREDGING STUDIES

Parameter Inventory for Station: GATE0065

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	05/15/75-05/15/75	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/15/75-05/15/75	1	2.12	2.12	2.12	2.12	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/15/75-05/15/75	1	4.9	4.9	4.9	4.9	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	05/15/75-05/15/75	1	9.4	9.4	9.4	9.4	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	05/15/75-05/15/75	1	15.	15.	15.	15.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/15/75-05/15/75	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	05/15/75-05/15/75	1	22.	22.	22.	22.	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	05/15/75-05/15/75	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GATE0066

NPS Station ID: GATE0066
Location: JAMAICA BAY
Station Type: /TYPA/AMBNT/ESTURY
RMI-Indexes:
RMI-Miles:
HUC: 02030202
Major Basin: MOUTH OF OLD MILL CREEK
Minor Basin: 100YD SOUTH OF CAN 27
RF1 Index: 02030202028
RF3 Index: 02030201000100.00
Description:

LAT/LON: 40.641670/ -73.856670
Depth of Water: 33
Elevation: 0
RF1 Mile Point: 27.150
RF3 Mile Point: 0.49

Agency: REGII208
FIPS State/County: 36047 NEW YORK/KINGS
STORET Station ID(s): NYC001J10 /J10
Within Park Boundary: Yes
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 1.16

Date Created: 05/25/78
On/Off RF1: OFF
On/Off RF3:

Parameter Inventory for Station: GATE0066

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/15/76-07/18/77	4	13.5	13.525	25.9	1.2	188.323	13.723	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	12/15/76-07/18/77	4	8.9	8.725	11.7	5.4	10.496	3.24	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	12/15/76-07/18/77	2	3.85	3.85	4.	3.7	0.045	0.212	**	**	**	**
00400	PH (STANDARD UNITS)	12/15/76-12/15/76	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/15/76-12/15/76	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/15/76-12/15/76	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	12/15/76-07/18/77	2	7.	7.	8.	6.	2.	1.414	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/15/76-07/18/77	2	0.79	0.79	0.98	0.6	0.072	0.269	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/15/76-07/18/77	2	0.049	0.049	0.054	0.043	0.	0.008	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/15/76-07/18/77	2	0.118	0.118	0.18	0.055	0.008	0.088	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/15/76-07/18/77	2	1.62	1.62	1.84	1.4	0.097	0.311	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/15/76-07/18/77	2	0.26	0.26	0.27	0.25	0.	0.014	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	12/15/76-07/18/77	4	15050.	15275.	16400.	14600.	622500.	788.987	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	12/15/76-12/15/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	12/15/76-12/15/76	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	12/15/76-12/15/76	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	12/15/76-12/15/76	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	12/15/76-12/15/76	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	12/15/76-12/15/76	1	24.	24.	24.	24.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	12/15/76-07/18/77	2	12450.	12450.	17000.	7900.	41405000.	6434.672	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	12/15/76-07/18/77	2	4.064	4.064	4.23	3.898	0.055	0.235	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			11588.788								
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/15/76-07/18/77	2	5.	5.	5.	5.	0.	0.	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/15/76-07/18/77	2	0.699	0.699	0.699	0.699	0.	0.	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			5.								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/15/76-07/18/77	2	5.	5.	5.	5.	0.	0.	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/15/76-07/18/77	2	0.699	0.699	0.699	0.699	0.	0.	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			5.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/15/76-07/18/77	2	1245.	1245.	1700.	790.	414050.	643.467	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/15/76-07/18/77	2	3.064	3.064	3.23	2.898	0.055	0.235	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1158.879								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	12/15/76-07/18/77	2	0.145	0.145	0.165	0.124	0.001	0.029	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	12/15/76-12/15/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0066

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00				2	0	0.00	2	0	0.00			
00400	PH	Other-Hi Lim.	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
01027	CADMIUM, TOTAL	Marine Acute	43.	1	0	0.00				1	0	0.00						
01042	COPPER, TOTAL	Marine Acute	2.9	1	1	1.00				1	1	1.00						
01051	LEAD, TOTAL	Marine Acute	220.	1	0	0.00				1	0	0.00						
01067	NICKEL, TOTAL	Marine Acute	75.	1	0	0.00				1	0	0.00						
01092	ZINC, TOTAL	Marine Acute	95.	1	0	0.00				1	0	0.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	2	1.00				1	1	1.00	1	1	1.00			
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	2	0	0.00				1	0	0.00	1	0	0.00			
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	2	0	0.00				1	0	0.00	1	0	0.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	2	2	1.00				1	1	1.00	1	1	1.00			
71900	MERCURY, TOTAL	Marine Acute	2.1	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0067

NPS Station ID: GATE0067
LAT/LON: 40.580281/ -73.861392
Agency: 1111H030
Date Created: / /
Location: JAMAICA BAY (954)
FIPS State/County: 36081 NEW YORK/QUEENS
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): 403449007351410/954
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030202
Depth of Water: 28
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-N.Y. METROPOLI
ECO Region:
RF1 Index: 02030202028
RF1 Mile Point: 5.430
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02030202002709.04
RF3 Mile Point: 13.58
Distance from RF3: 0.29
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00940	CHLORIDE,TOTAL IN WATER MG/L	04/22/65-04/22/65	2	14600.	14600.	14700.	14500.	20000.	141.421	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/22/65-04/22/65	2	1200.	1200.	1400.	1000.	80000.	282.843	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/22/65-04/22/65	2	3.073	3.073	3.146	3.	0.011	0.103	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1183.216								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/22/65-04/22/65	2	925.	925.	930.	920.	50.	7.071	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/22/65-04/22/65	2	2.966	2.966	2.968	2.964	0.	0.003	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			924.986								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0067

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	2	1.00							2	2	1.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	2	2	1.00							2	2	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0068

NPS Station ID: GATE0068 | LAT/LON: 40.582337/ -73.862142 | Agency: 11NPSWRD | Date Created: 12/21/96
Location: Nova Scotia Bar | FIPS State/County: 36047 NEW YORK/KINGS
Station Type: /TYPA/AMBNT/ESTURY | STORET Station ID(s): GATE_JB-5A /RB-5
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 02030202 | Depth of Water: 0 | Aquifer:
Major Basin: NORTHEAST | Elevation: 0 | Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METROPOLITAN AREA | ECO Region:
RF1 Index: 02030202 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 02030202104200.00 | RF3 Mile Point: 0.00 | Distance from RF3: 4.93 | On/Off RF3:
Description:
Station is located in the Nova Scotia Bar just southeast of Floyd Bennett Field in Jamaica Bay. The station can be found on the USGS 7.5' Far Rockaway N.Y. quadrangle. To reach the site: Drive boat to first southeast red buoy southwest of Nova Scotia Bar between Island and Beach Channels to take samples. Any data recorded with a depth of 999 indicates that the sample was collected at the bottom. Data recorded with a depth of 0 indicates that the sample was collected at the surface. For additional information on the water quality data stored at this station; contact the Division of Natural Resources at Gateway National Recreation Area - Building 210; Fort Wadsworth; Staten Island N.Y. 10305 (tel. 718-448-5505; fax. 718-448-4015). The park produces an Annual Report summarizing each year's monitoring activities. Data processed and uploaded to STORET by Dean Tucker; NPS Water Resources Division; 1201 Oak Ridge Drive Ste.; Fort Collins CO 80525 (tel. 970-225-3516; fax. 970-225-9965).

Parameter Inventory for Station: GATE0068

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/31/94-08/26/96	81	21.3	19.632	25.9	0.7	29.859	5.464	11.78	18.55	23.15	24.08
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/31/94-08/26/96	42	22.35	21.417	32.2	2.8	47.594	6.899	8.81	19.875	25.725	29.49
00078	TRANSPARENCY, SECCHI DISC (METERS)	06/04/96-08/26/96	13	2.25	2.2	3.25	1.5	0.339	0.582	1.5	1.675	2.625	3.15
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/31/94-08/26/96	81	35400.	34606.173	40700.	21100.	21693336.42	4657.611	26620.	33150.	37650.	39940.
00300	OXYGEN, DISSOLVED MG/L	02/22/94-08/26/96	77	7.5	7.351	15.8	3.	7.74	2.782	4.2	4.9	9.2	9.94
00406	PH, FIELD, STANDARD UNITS SU	01/31/94-08/26/96	81	7.8	7.759	8.3	7.3	0.06	0.246	7.4	7.535	7.915	8.1
00406	CONVERTED PH, FIELD, STANDARD UNITS	01/31/94-08/26/96	81	7.8	7.692	8.3	7.3	0.065	0.255	7.4	7.535	7.915	8.1
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/31/94-08/26/96	81	0.016	0.02	0.05	0.005	0.	0.011	0.008	0.012	0.029	0.04
00480	SALINITY - PARTS PER THOUSAND	01/31/94-08/26/96	81	23.7	24.325	37.5	16.9	9.566	3.093	21.5	22.15	25.55	27.48
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/31/94-09/26/94	24	0.5	2.371	10.	0.	13.608	3.689	0.	0.	2.675	10.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/01/94-08/26/96	41	0.13	0.151	0.42	0.	0.016	0.125	0.	0.05	0.225	0.35
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/31/94-08/26/96	49	0.29	1.233	5.7	0.	2.708	1.646	0.05	0.12	2.5	4.
01042	COPPER, TOTAL (UG/L AS CU)	01/31/94-09/26/94	23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/31/94-08/26/96	82	58.	325.537	5742.	0.	877631.659	936.82	0.	0.	195.75	523.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/31/94-08/26/96	82	1.763	1.53	3.759	0.	1.216	1.103	0.	0.	2.285	2.719
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			33.854								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/31/94-08/26/96	82	0.	365.317	15718.	0.	4556455.898	2134.586	0.	0.	29.	165.3
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/31/94-08/26/96	82	0.	0.781	4.196	0.	1.089	1.044	0.	0.	1.462	2.217
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			6.036								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GATE0068

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	01/31/94-08/12/96	41	2.37	3.614	18.36	0.	15.881	3.985	0.	0.22	5.265	8.874
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	01/31/94-08/26/96	48 ##	0.025	0.051	1.	0.	0.022	0.147	0.	0.	0.025	0.1
50064	CHLORINE, FREE AVAILABLE (MG/L)	01/31/94-08/26/96	48 ##	0.025	0.047	1.	0.	0.021	0.145	0.	0.	0.025	0.1
50066	CHLORINE, COMBINED AVAILABLE (MG/L)	01/31/94-09/26/94	22	0.	0.009	0.2	0.	0.002	0.043	0.	0.	0.	0.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0068

				Total	Exceed	Prop.	----------8/01-10/31----------			----------11/01-3/31----------			----------4/01-7/31----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	77	5	0.06	24	3	0.13	3	0	0.00	50	2	0.04			
00406	PH, FIELD	Other-Hi Lim.	9.	81	0	0.00	24	0	0.00	4	0	0.00	53	0	0.00			
		Other-Lo Lim.	6.5	81	0	0.00	24	0	0.00	4	0	0.00	53	0	0.00			
01042	COPPER, TOTAL	Marine Acute	2.9	23	0	0.00	6	0	0.00	4	0	0.00	13	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	82	5	0.06	25	2	0.08	4	0	0.00	53	3	0.06			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	82	5	0.06	26	2	0.08	4	0	0.00	52	3	0.06			
50060	CHLORINE, TOTAL RESIDUAL	Marine Acute	0.013	21 &	6	0.29	4	3	0.75	3	2	0.67	14	1	0.07			
50064	CHLORINE, FREE AVAILABLE	Marine Acute	0.013	21 &	5	0.24	4	2	0.50	3	2	0.67	14	1	0.07			
50066	CHLORINE, COMBINED AVAILABLE	Marine Acute	0.013	22	1	0.05	4	1	0.25	4	0	0.00	14	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0069

NPS Station ID: GATE0069
LAT/LON: 40.561948/ -73.863337
Agency: 1111H030
Date Created: / /
Location: LONG ISLAND BEACHES
FIPS State/County: 36081 NEW YORK/QUEENS
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): LIC02 /LIC2 /LIC-2
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030202
Depth of Water: 0
Aquifer:
Major Basin: ATLANTIC OCEAN
Elevation: 0
Water Body Id:
Minor Basin: LONG ISLAND COAST-FORT TILDEN
ECO Region:
RF1 Index: 02030202028
RF1 Mile Point: 4.640
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02030202002709.04
RF3 Mile Point: 15.51
Distance from RF3: 0.13
On/Off RF3:
Description:
NEPONSIT. OFF FOOT OF B169 ROAD, WHICH IS EAST BOUNDARY OF FORT TILDEN. WEST OF JACOB RIIS PARK.

Parameter Inventory for Station: GATE0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/11/74-09/28/81	151	6.	238.927	30000.	0.	5958092.428	2440.92	0.2	2.	24.	129.6
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/11/74-09/28/81	151	0.778	0.923	4.477	0.	0.617	0.786	0.	0.301	1.38	2.112
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			8.376								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	303	1.	3.802	58.	0.	73.111	8.551	0.	0.	3.	12.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	303	0.	0.278	1.763	-0.301	0.208	0.456	0.	0.	0.477	1.079
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.897								
31649	ENTEROCOCCI- ME-MF N0/100ML	05/16/85-08/23/94	119	0.	1.336	48.	0.	25.056	5.006	0.	0.	1.	2.
31649	LOG ENTEROCOCCI- ME-MF N0/1	05/16/85-08/23/94	119	0.	0.103	1.681	0.	0.079	0.281	0.	0.	0.	0.301
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.268								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/20/77-09/07/77	2	18.	18.	20.	16.	8.	2.828	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/20/77-09/07/77	2	1.253	1.253	1.301	1.204	0.005	0.069	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			17.889								
71220	PSEUDOMONAS AERUGINOSA,MF IN WATER,MPA MED,/100ML	07/25/79-08/27/91	10	0.	0.4	2.	0.	0.711	0.843	0.	0.	0.5	2.
71220	LOG PSEUDOMONAS AERUGINOSA,MF IN WATER,MPA MED,/10	07/25/79-08/27/91	10	0.	0.06	0.301	0.	0.016	0.127	0.	0.	0.075	0.301
71220	GM PSEUDOMONAS AERUGINOSA,MF IN WATER,MPA MED,/100	GEOMETRIC MEAN =			1.149								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0069

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	151	2	0.01	54	0	0.00	18	0	0.00	79	2	0.03			
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	303	0	0.00	106	0	0.00	18	0	0.00	179	0	0.00			
31649	ENTEROCOCCI, ME, MF	Other-Hi Lim.	35.	119	1	0.01	37	1	0.03				82	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1974 - Station GATE0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/11/74-09/28/81	15	11.	27.	140.	2.	1570.143	39.625	2.6	6.	24.	108.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/11/74-09/28/81	15	1.041	1.1	2.146	0.301	0.279	0.528	0.407	0.778	1.38	2.025
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			12.597								
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	15	5.	6.8	24.	0.5	41.85	6.469	0.5	2.	11.	18.
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	15	0.699	0.614	1.38	-0.301	0.258	0.508	-0.301	0.301	1.041	1.24
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			4.113								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GATE0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/11/74-09/28/81	16	5.	29.188	320.	0.	6203.229	78.761	0.	2.25	15.75	135.2
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/11/74-09/28/81	16	0.69	0.809	2.505	0.	0.462	0.68	0.	0.345	1.193	1.975
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			6.44								
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	16	2.	2.813	11.	0.	12.963	3.6	0.	0.	3.	10.3
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	16	0.301	0.319	1.041	0.	0.139	0.373	0.	0.	0.477	1.012
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			2.084								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station GATE0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/11/74-09/28/81	19	8.	1668.526	30000.	0.	47096581.374	6862.695	1.	2.	140.	580.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/11/74-09/28/81	19	0.903	1.341	4.477	0.	1.471	1.213	0.	0.301	2.146	2.763
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			21.924								
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	19	1.	8.895	40.	0.	179.433	13.395	0.	0.	17.	39.
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	19	0.	0.506	1.602	0.	0.428	0.654	0.	0.	1.23	1.591
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			3.207								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GATE0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/11/74-09/28/81	40	7.5	62.925	1140.	0.	33772.43	183.773	1.	2.25	35.5	168.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/11/74-09/28/81	40	0.874	1.029	3.057	0.	0.633	0.796	0.	0.345	1.55	2.224
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			10.695								
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	39	1.	9.538	58.	0.	256.045	16.001	0.	0.	14.	40.
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	39	0.	0.49	1.763	0.	0.408	0.639	0.	0.	1.146	1.602
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			3.091								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GATE0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/11/74-09/28/81	15	9.	36.467	172.	0.	3358.41	57.952	0.	2.	40.	148.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/11/74-09/28/81	15	0.954	0.976	2.236	0.	0.606	0.779	0.	0.301	1.602	2.167
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			9.464								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GATE0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	15	1.	5.6	42.	0.	132.114	11.494	0.	0.	4.	28.8
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	15	0.	0.345	1.623	0.	0.311	0.558	0.	0.	0.602	1.43
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			2.211								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station GATE0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/11/74-09/28/81	19	5.	15.737	104.	0.	632.871	25.157	0.	2.	20.	48.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/11/74-09/28/81	19	0.699	0.791	2.017	0.	0.385	0.621	0.	0.301	1.301	1.681
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			6.177								
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	19	1.	3.579	32.	0.	59.035	7.683	0.	0.	3.	15.
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	19	0.	0.296	1.505	0.	0.184	0.428	0.	0.	0.477	1.176
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.975								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GATE0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/11/74-09/28/81	16	2.5	4.875	24.	0.	41.317	6.428	0.	1.	6.75	17.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/11/74-09/28/81	16	0.389	0.446	1.38	0.	0.228	0.477	0.	0.	0.828	1.216
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.793								
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	16	1.	2.125	12.	0.	9.583	3.096	0.	0.	3.	7.1
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	16	0.	0.238	1.079	0.	0.119	0.346	0.	0.	0.477	0.813
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.731								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station GATE0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/11/74-09/28/81	11	4.	5.727	15.	0.	26.618	5.159	0.	1.	11.	14.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/11/74-09/28/81	11	0.602	0.589	1.176	0.	0.205	0.453	0.	0.	1.041	1.157
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.885								
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	11	0.	1.818	12.	0.	12.764	3.573	0.	0.	3.	10.2
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	11	0.	0.185	1.079	0.	0.124	0.353	0.	0.	0.477	0.959
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.531								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station GATE0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	10	1.	3.4	18.	0.	30.711	5.542	0.	0.	5.	16.7
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	10	0.	0.326	1.255	0.	0.206	0.454	0.	0.	0.699	1.2
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			2.116								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station GATE0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	13	0.	0.308	2.	0.	0.397	0.63	0.	0.	0.5	1.6
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	13	0.	0.023	0.301	0.	0.007	0.083	0.	0.	0.	0.181
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.055								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GATE0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	10	0.	1.	5.	0.	3.111	1.764	0.	0.	2.25	4.8
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	10	0.	0.148	0.699	0.	0.065	0.256	0.	0.	0.345	0.677
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.405								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GATE0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	10	0.	1.6	7.	0.	6.267	2.503	0.	0.	4.	6.7
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	10	0.	0.205	0.845	0.	0.113	0.337	0.	0.	0.602	0.821
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.603								
31649	ENTEROCOCCI- ME-MF N0/100ML	05/16/85-08/23/94	9	0.	2.444	18.	0.	34.778	5.897	0.	0.	2.	18.
31649	LOG ENTEROCOCCI- ME-MF N0/1	05/16/85-08/23/94	9	0.	0.206	1.255	0.	0.172	0.414	0.	0.	0.301	1.255
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.608								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GATE0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	12	0.	2.833	27.	0.	58.879	7.673	0.	0.	1.75	19.8
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	12	0.	0.184	1.431	0.	0.178	0.422	0.	0.	0.226	1.145
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.528								
31649	ENTEROCOCCI- ME-MF N0/100ML	05/16/85-08/23/94	12	0.	4.333	48.	0.	189.515	13.766	0.	0.	1.	34.2
31649	LOG ENTEROCOCCI- ME-MF N0/1	05/16/85-08/23/94	12	0.	0.165	1.681	0.	0.235	0.485	0.	0.	0.	1.267
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.463								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GATE0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	15	1.	2.2	23.	0.	33.886	5.821	0.	0.	1.	11.
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	15	0.	0.143	1.362	0.	0.133	0.365	0.	0.	0.	0.831
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.389								
31649	ENTEROCOCCI- ME-MF N0/100ML	05/16/85-08/23/94	15	1.	1.6	13.	0.	10.543	3.247	0.	0.	2.	6.4
31649	LOG ENTEROCOCCI- ME-MF N0/1	05/16/85-08/23/94	15	0.	0.134	1.114	0.	0.089	0.298	0.	0.	0.301	0.626
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.363								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GATE0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	14	0.5	2.143	14.	0.	15.055	3.88	0.	0.	3.25	10.
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	14	0.	0.215	1.146	0.	0.143	0.379	0.	0.	0.508	0.962
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.639								
31649	ENTEROCOCCI- ME-MF N0/100ML	05/16/85-08/23/94	14	0.	1.214	13.	0.	11.874	3.446	0.	0.	1.	7.5
31649	LOG ENTEROCOCCI- ME-MF N0/1	05/16/85-08/23/94	14	0.	0.101	1.114	0.	0.091	0.302	0.	0.	0.	0.707
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.262								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	7	1.	1.571	5.	0.	3.619	1.902	**	**	**	**
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	7	0.	0.211	0.699	0.	0.083	0.287	**	**	**	**
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.626								
31649	ENTEROCOCCI- ME-MF N0/100ML	05/16/85-08/23/94	7	1.	1.429	4.	0.	2.619	1.618	**	**	**	**
31649	LOG ENTEROCOCCI- ME-MF N0/1	05/16/85-08/23/94	7	0.	0.197	0.602	0.	0.068	0.261	**	**	**	**
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.575								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	10	0.	1.2	10.	0.	9.733	3.12	0.	0.	1.	9.1
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	10	0.	0.1	1.	0.	0.1	0.316	0.	0.	0.	0.9
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.259								
31649	ENTEROCOCCI- ME-MF N0/100ML	05/16/85-08/23/94	10	0.	1.	5.	0.	2.889	1.7	0.	0.	1.5	4.8
31649	LOG ENTEROCOCCI- ME-MF N0/1	05/16/85-08/23/94	10	0.	0.118	0.699	0.	0.064	0.253	0.	0.	0.119	0.677
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.311								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	14	0.5	2.143	12.	0.	14.132	3.759	0.	0.	2.5	10.5
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	14	0.	0.21	1.079	0.	0.147	0.384	0.	0.	0.376	1.017
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.621								
31649	ENTEROCOCCI- ME-MF N0/100ML	05/16/85-08/23/94	14	0.	0.571	4.	0.	1.341	1.158	0.	0.	1.	3.
31649	LOG ENTEROCOCCI- ME-MF N0/1	05/16/85-08/23/94	14	0.	0.065	0.602	0.	0.03	0.174	0.	0.	0.	0.452
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.16								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	14	0.	1.214	8.	0.	5.874	2.424	0.	0.	1.75	6.
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	14	0.	0.151	0.903	0.	0.094	0.307	0.	0.	0.151	0.753
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.414								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31649	ENTEROCOCCI- ME-MF N0/100ML	05/16/85-08/23/94	14	0.	0.143	1.	0.	0.132	0.363	0.	0.	0.	1.
31649	LOG ENTEROCOCCI- ME-MF N0/1	05/16/85-08/23/94	14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station GATE0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	11	0.	1.909	16.	0.	22.891	4.784	0.	0.	2.	13.4
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	11	0.	0.18	1.204	0.	0.141	0.376	0.	0.	0.301	1.059
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.514								
31649	ENTEROCOCCI- ME-MF N0/100ML	05/16/85-08/23/94	11	0.	0.091	1.	0.	0.091	0.302	0.	0.	0.	0.8
31649	LOG ENTEROCOCCI- ME-MF N0/1	05/16/85-08/23/94	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

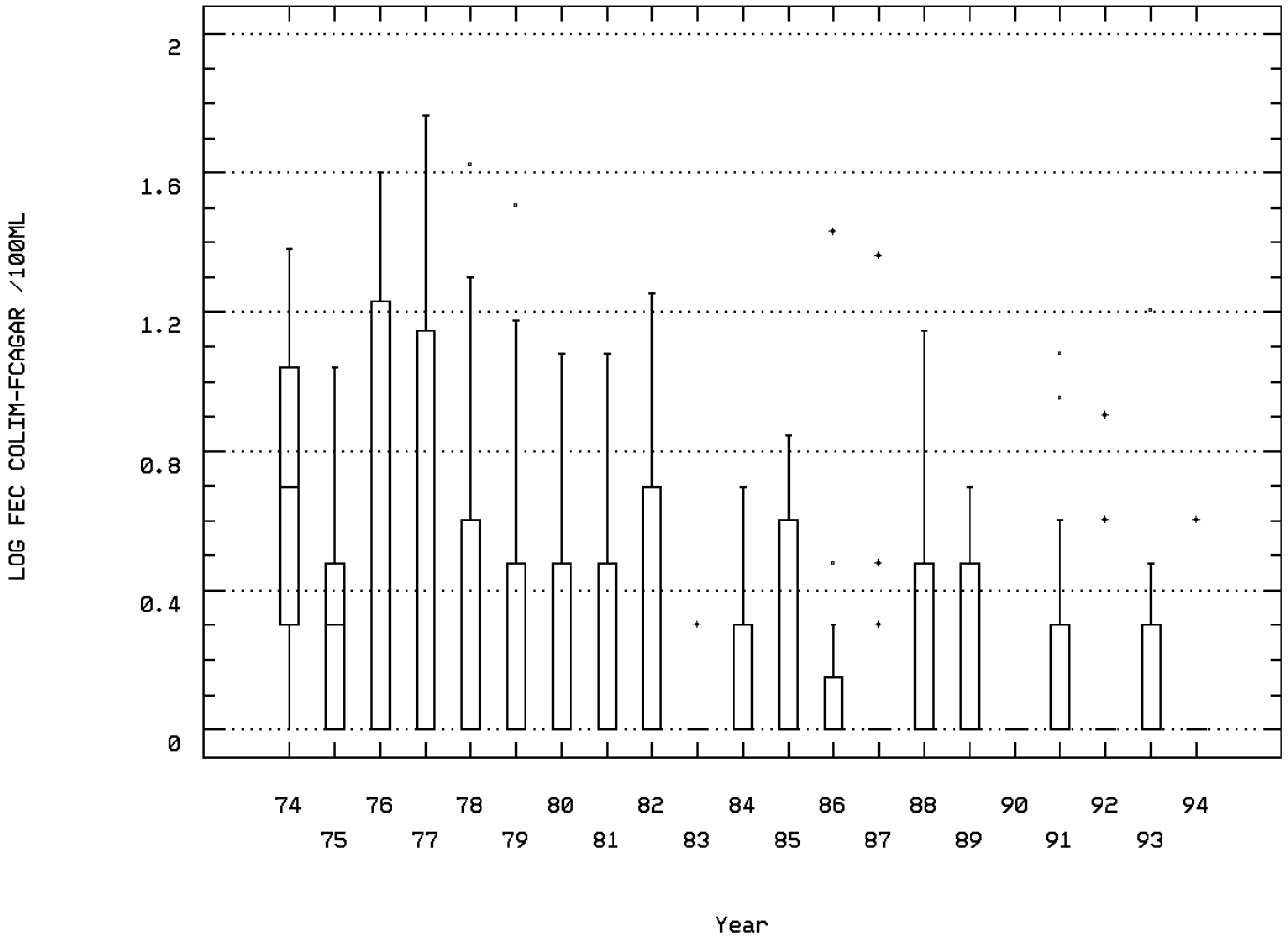
Annual Analysis for 1994 - Station GATE0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	13	0.	0.462	4.	0.	1.269	1.127	0.	0.	0.5	2.8
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	13	0.	0.046	0.602	0.	0.028	0.167	0.	0.	0.	0.361
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.113								
31649	ENTEROCOCCI- ME-MF N0/100ML	05/16/85-08/23/94	13	0.	1.	7.	0.	5.167	2.273	0.	0.	0.5	6.2
31649	LOG ENTEROCOCCI- ME-MF N0/1	05/16/85-08/23/94	13	0.	0.119	0.845	0.	0.085	0.291	0.	0.	0.	0.787
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.315								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: GATE0069 Parameter Code: 31613

LOG FECAL COLIFORM,MEMBR FILTER,M-FC AG



LONG ISLAND BEACHES

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/11/74-09/28/81	54	9.	35.981	320.	0.	3510.886	59.253	0.5	4.75	40.	126.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/11/74-09/28/81	54	0.954	1.064	2.505	0.	0.475	0.689	0.	0.675	1.602	2.1
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			11.586								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	106	1.	4.745	47.	0.	82.935	9.107	0.	0.	4.	15.3
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	106	0.	0.348	1.672	0.	0.243	0.493	0.	0.	0.602	1.184
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			2.229								
31649	ENTEROCOCCI- ME-MF N0/100ML	05/16/85-08/23/94	37	0.	2.297	48.	0.	68.715	8.289	0.	0.	0.5	5.8
31649	LOG ENTEROCOCCI- ME-MF N0/1	05/16/85-08/23/94	37	0.	0.138	1.681	0.	0.143	0.378	0.	0.	0.	0.704
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.375								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/11/74-09/28/81	18	35.5	115.056	580.	1.	26781.114	163.649	2.8	8.25	174.	472.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/11/74-09/28/81	18	1.549	1.552	2.763	0.	0.634	0.797	0.429	0.91	2.24	2.673
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			35.635								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	18	9.5	14.611	50.	0.	227.663	15.089	0.	2.	22.5	41.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	18	0.972	0.906	1.699	0.	0.295	0.543	0.	0.301	1.35	1.612
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			8.05								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/11/74-09/28/81	79	3.	405.873	30000.	0.	11389364.163	3374.813	0.	2.	11.	36.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/11/74-09/28/81	79	0.477	0.683	4.477	0.	0.563	0.75	0.	0.301	1.041	1.556
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.824								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	179	0.	2.156	58.	0.	38.31	6.189	0.	0.	2.	4.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	179	0.	0.173	1.763	-0.301	0.127	0.356	0.	0.	0.301	0.602
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.49								
31649	ENTEROCOCCI- ME-MF N0/100ML	05/16/85-08/23/94	82	0.	0.902	18.	0.	5.348	2.313	0.	0.	1.	2.
31649	LOG ENTEROCOCCI- ME-MF N0/1	05/16/85-08/23/94	82	0.	0.087	1.255	0.	0.051	0.225	0.	0.	0.	0.301
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.223								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0070

NPS Station ID: GATE0070 LAT/LON: 40.561948/ -73.863337 Agency: 11NYBGHT Date Created: 04/06/96
Location: NEW YORK CITY BEACHES- FORT TILDEN FIPS State/County: 36081 NEW YORK/QUEENS
Station Type: /TYPA/AMBNT/OCEAN/NRSHRE/NET STORET Station ID(s): LIC02 /LIC2 /LIC-2
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02030202 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON- NEW YORK METRO AREA ECO Region:
RF1 Index: 02030202028 RF1 Mile Point: 4.640 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:
ATLANTIC OCEAN- NEW YORK BIGHT SURVEILLANCE NETWORK(CURRENT) NEPONSIT. OFF FOOT OF B169 ROAD, WHICH IS EAST BOUNDARY OF FORT TILDEN. WEST OF JACOB RIIS PARK.

Parameter Inventory for Station: GATE0070

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	05/25/95-08/27/96	23	0.	2.043	10.	0.	8.316	2.884	0.	0.	4.	7.2
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	05/25/95-08/27/96	23	0.	0.259	1.	0.	0.118	0.343	0.	0.	0.602	0.853
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.817								
31649	ENTEROCOCCI- ME-MF N0/100ML	05/30/95-08/27/96	21	0.	0.952	11.	0.	6.248	2.5	0.	0.	1.	3.6
31649	LOG ENTEROCOCCI- ME-MF N0/1	05/30/95-08/27/96	21	0.	0.093	1.041	0.	0.068	0.261	0.	0.	0.	0.542
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.238								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0070

				Total	Exceed	Prop.	----------8/01-10/31----------			----------11/01-3/31----------			----------4/01-7/31----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	23	0	0.00	7	0	0.00				16	0	0.00			
31649	ENTEROCOCCI, ME, MF	Other-Hi Lim.	33.	21	0	0.00	7	0	0.00				14	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0071

NPS Station ID: GATE0071
LAT/LON: 40.559170/ -73.863337
Agency: 1111H030
Date Created: / /
Location: 400YDS OFF SHORE AND STA LIC02
FIPS State/County: 36081 NEW YORK/QUEENS
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): LIC02B /LIC2B /LIC-2B /LIC-02B
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030202
Depth of Water: 19
Aquifer:
Major Basin: ATLANTIC OCEAN
Elevation: 0
Water Body Id:
Minor Basin: OFF L I BEACHES AT FT TILDEN
ECO Region:
RF1 Index: 02030202027
RF1 Mile Point: 24.650
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02030202002709.04
RF3 Mile Point: 15.63
Distance from RF3: 0.09
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/01/74-10/21/91	103	16.1	16.121	25.5	1.3	18.309	4.279	11.08	13.5	19.	21.82
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/01/74-03/08/77	10	35400.	34730.	41400.	27500.	21735666.667	4662.153	27520.	31675.	37775.	41330.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/01/74-08/05/74	8	43966.	44455.875	47428.	42334.	3400963.554	1844.17	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/01/74-10/21/91	105	7.2	7.19	12.4	3.3	3.116	1.765	4.9	5.85	8.2	9.7
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/06/82-09/06/82	2	8.5	8.5	15.	2.	84.5	9.192	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/08/77-05/18/77	4 ##	0.008	0.008	0.01	0.005	0.	0.003	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/08/77-05/18/77	4 ##	0.004	0.004	0.005	0.003	0.	0.001	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/08/77-05/18/77	4 ##	0.017	0.018	0.029	0.01	0.	0.01	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/08/77-05/18/77	4	0.024	0.026	0.035	0.019	0.	0.007	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/08/77-09/06/82	6	2.4	4.267	10.3	1.5	12.995	3.605	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/18/77-05/18/77	2	16330.	16330.	16410.	16250.	12800.	113.137	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	03/08/77-05/18/77	4	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	12/03/81-12/03/81	2	2.	2.	2.	2.	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	07/11/74-10/16/85	4	0.9	6.263	23.	0.25	124.602	11.163	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	12/03/81-12/03/81	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	12/03/81-12/03/81	2 ##	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/11/74-09/03/88	9 ##	0.5	0.956	3.7	0.1	1.337	1.156	0.1	0.25	1.5	3.7
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/11/74-09/03/88	11	6.6	28.073	180.	2.5	2771.982	52.65	3.	5.	30.	154.6
01034	CHROMIUM, TOTAL (UG/L AS CR)	12/03/81-12/03/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	12/03/81-12/03/81	2	85.	85.	110.	60.	1250.	35.355	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	07/11/74-09/03/88	11 ##	1.5	29.295	230.	0.4	4821.252	69.435	0.42	1.	7.6	197.6
01051	LEAD, TOTAL (UG/L AS PB)	12/03/81-12/03/81	2	370.	370.	390.	350.	800.	28.284	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	07/11/74-09/03/88	11	9.1	46.182	240.	1.5	5305.946	72.842	2.	6.	73.	214.
01059	THALLIUM, TOTAL (UG/L AS TL)	12/03/81-12/03/81	2 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	12/03/81-12/03/81	2	225.	225.	240.	210.	450.	21.213	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/11/74-10/16/85	9 ##	5.	6.806	37.	0.25	132.465	11.509	0.25	0.75	5.	37.
01077	SILVER, TOTAL (UG/L AS AG)	12/03/81-12/03/81	2 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	10/16/85-09/03/88	3 ##	1.	3.7	9.1	1.	21.87	4.677	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	12/03/81-12/03/81	2	270.	270.	280.	260.	200.	14.142	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	10/16/85-09/03/88	3	126.	192.	340.	110.	16492.	128.421	**	**	**	**
01097	ANTIMONY, TOTAL (UG/L AS SB)	12/03/81-12/03/81	2	35.5	35.5	40.	31.	40.5	6.364	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	12/03/81-12/03/81	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	10/16/85-10/16/85	1	34000.	34000.	34000.	34000.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/01/74-12/03/81	23	11.	841.739	9200.	1.	6966981.565	2639.504	1.	2.	33.	5716.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	05/01/74-12/03/81	23	1.041	1.203	3.964	0.	1.303	1.141	0.	0.301	1.519	3.454
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			15.954								
31521	COLIFORM,TOT,MPN,IN BOT DEPOS,CONFIRM (MPN/100G)	05/01/74-03/24/76	9	170.	483.333	2300.	10.	625750.	791.044	10.	20.	765.	2300.
31521	LOG COLIFORM,TOT,MPN,IN BOT DEPOS,CONFIRM (MPN/100	05/01/74-03/24/76	9	2.23	2.113	3.362	1.	0.651	0.807	1.	1.301	2.738	3.362

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GATE0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31521	GM COLIFORM,TOT,MPN,IN BOT DEPOS,CONFIRM (MPN/100G	GEOMETRIC MEAN =			129.628								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/01/74-12/03/81	23	2.	33.304	490.	1.	10379.312	101.879	1.	1.	11.	67.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/01/74-12/03/81	23	0.301	0.632	2.69	0.	0.622	0.789	0.	0.	1.041	1.815
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.29								
31641	FECAL COLIFORM,MPN IN BOT DEPOS,EC MED (MPN/100G)	05/01/74-03/24/76	9 ##	10.	130.	790.	10.	66525.	257.924	10.	10.	155.	790.
31641	LOG FECAL COLIFORM,MPN IN BOT DEPOS,EC MED (MPN/10	05/01/74-03/24/76	9 ##	1.	1.496	2.898	1.	0.518	0.72	1.	1.	2.132	2.898
31641	GM FECAL COLIFORM,MPN IN BOT DEPOS,EC MED (MPN/100	GEOMETRIC MEAN =			31.329								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	01/14/87-09/03/88	2	729.	729.	1400.	58.	900482.	948.937	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	01/14/87-09/03/88	2	2.455	2.455	3.146	1.763	0.956	0.978	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			284.956								
61500	MERCURY SLUDGE SOLID FRACTN,DRY WT,MG/KG	10/16/85-10/16/85	1	5.9	5.9	5.9	5.9	0.	0.	**	**	**	**
70305	SALINITY BASED ON CONDUCTIVITY	05/01/74-03/08/77	10	28.65	29.25	32.	27.2	2.836	1.684	27.22	28.	30.725	31.97
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/08/77-05/18/77	4	0.014	0.013	0.019	0.005	0.	0.006	**	**	**	**
71202	SALMONELLA FROM SEDIMENTS, INOC 1=PRESENT,0=ABS.	07/22/75-07/22/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71202	LOG SALMONELLA FROM SEDIMENTS, INOC 1=PRESENT,0=AB	07/22/75-07/22/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71202	GM SALMONELLA FROM SEDIMENTS, INOC 1=PRESENT,0=ABS	GEOMETRIC MEAN =			1.								
71900	MERCURY, TOTAL (UG/L AS HG)	12/03/81-12/03/81	2 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	07/11/74-09/03/88	5	0.3	0.84	2.7	0.1	1.218	1.104	**	**	**	**
71975	ORGANICS IN SEDIMENT GRAVIMETRICCORR.FOR H2O,MG/KG	05/01/74-09/06/82	10	5015.	25324.6	114080.	1360.	1878599296.044	43342.811	1515.	3120.	34617.5	112688.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0071

				Total	Exceed	Prop.	----------8/01-10/31----------			----------11/01-3/31----------			----------4/01-7/31----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	105	3	0.03	51	3	0.06	4	0	0.00	50	0	0.00			
01002	ARSENIC, TOTAL	Marine Acute	69.	2	0	0.00				2	0	0.00						
01027	CADMIUM, TOTAL	Marine Acute	43.	2	0	0.00				2	0	0.00						
01042	COPPER, TOTAL	Marine Acute	2.9	2	2	1.00				2	2	1.00						
01051	LEAD, TOTAL	Marine Acute	220.	2	2	1.00				2	2	1.00						
01059	THALLIUM, TOTAL	Marine Acute	2130.	2	0	0.00				2	0	0.00						
01067	NICKEL, TOTAL	Marine Acute	75.	2	2	1.00				2	2	1.00						
01077	SILVER, TOTAL	Marine Acute	0.12	0 &	0	0.00												
01092	ZINC, TOTAL	Marine Acute	95.	2	2	1.00				2	2	1.00						
01097	ANTIMONY, TOTAL	Marine Acute	1500.	2	0	0.00				2	0	0.00						
01147	SELENIUM, TOTAL	Marine Acute	300.	2	0	0.00				2	0	0.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	23	2	0.09	6	0	0.00	7	1	0.14	10	1	0.10			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	23	1	0.04	6	0	0.00	7	1	0.14	10	0	0.00			
71900	MERCURY, TOTAL	Marine Acute	2.1	2	0	0.00				2	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1974 - Station GATE0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/01/74-10/21/91	10	16.3	15.94	21.7	8.5	18.936	4.352	8.55	13.65	18.8	21.62
00300	OXYGEN, DISSOLVED MG/L	05/01/74-10/21/91	10	6.85	6.99	9.4	3.8	3.234	1.798	3.96	5.775	8.625	9.39

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GATE0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/01/74-10/21/91	4	6.4	7.275	15.	1.3	46.409	6.812	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/01/74-10/21/91	4	10.3	10.15	10.3	9.7	0.09	0.3	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station GATE0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/01/74-10/21/91	10	17.8	17.31	20.2	12.9	5.699	2.387	13.11	15.075	19.625	20.18
00300	OXYGEN, DISSOLVED MG/L	05/01/74-10/21/91	10	6.95	6.28	8.3	3.3	2.826	1.681	3.4	4.9	7.6	8.23

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GATE0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/01/74-10/21/91	8	18.25	18.975	24.8	12.3	19.536	4.42	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/01/74-10/21/91	10	8.05	8.06	9.6	6.6	0.938	0.969	6.64	7.375	8.75	9.59

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station GATE0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/01/74-10/21/91	2	8.5	8.5	8.8	8.2	0.18	0.424	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/01/74-10/21/91	2	9.05	9.05	9.3	8.8	0.125	0.354	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station GATE0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/01/74-10/21/91	6	15.2	15.333	19.4	11.7	7.507	2.74	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/01/74-10/21/91	6	8.1	7.867	10.4	5.1	3.207	1.791	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station GATE0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/01/74-10/21/91	2	17.25	17.25	20.5	14.	21.125	4.596	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/01/74-10/21/91	2	7.9	7.9	10.3	5.5	11.52	3.394	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GATE0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/01/74-10/21/91	2	17.25	17.25	19.5	15.	10.125	3.182	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/01/74-10/21/91	2	5.25	5.25	5.9	4.6	0.845	0.919	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GATE0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/01/74-10/21/91	6	16.5	16.083	19.	11.2	7.454	2.73	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/01/74-10/21/91	6	7.55	7.983	9.9	6.7	1.47	1.212	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GATE0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/01/74-10/21/91	13	18.	17.538	25.5	11.6	17.513	4.185	12.	13.65	19.8	24.62
00300	OXYGEN, DISSOLVED MG/L	05/01/74-10/21/91	13	7.3	7.477	10.5	4.8	3.017	1.737	4.96	6.1	8.75	10.18

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GATE0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/01/74-10/21/91	7	14.4	16.071	21.9	11.9	13.436	3.665	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/01/74-10/21/91	7	7.2	7.186	7.8	6.3	0.218	0.467	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GATE0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/01/74-10/21/91	11	15.2	15.436	22.	10.3	14.055	3.749	10.38	12.9	18.2	21.66
00300	OXYGEN, DISSOLVED MG/L	05/01/74-10/21/91	11	6.9	6.527	8.2	4.9	1.254	1.12	4.96	5.4	7.5	8.08

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/01/74-10/21/91	3	13.3	13.433	14.9	12.1	1.973	1.405	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/01/74-10/21/91	3	5.5	6.033	8.	4.6	3.103	1.762	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/01/74-10/21/91	6	17.05	16.9	22.5	12.2	16.544	4.067	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/01/74-10/21/91	6	6.3	7.133	12.4	5.	7.311	2.704	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/01/74-10/21/91	13	16.8	16.969	24.1	10.8	13.499	3.674	11.96	14.05	18.55	23.7
00300	OXYGEN, DISSOLVED MG/L	05/01/74-10/21/91	13	6.2	6.262	9.9	3.8	3.144	1.773	3.96	4.7	7.55	9.22

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/01/74-10/21/91	51	17.8	18.075	24.8	11.7	9.954	3.155	14.16	15.4	20.2	22.98
00300	OXYGEN, DISSOLVED MG/L	05/01/74-10/21/91	51	7.	6.631	12.4	3.3	3.351	1.83	4.34	5.1	7.6	8.28

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/01/74-10/21/91	4	5.	5.025	8.8	1.3	16.203	4.025	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/01/74-10/21/91	4	9.8	9.675	10.3	8.8	0.563	0.75	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/01/74-10/21/91	48	14.6	14.971	25.5	8.5	12.14	3.484	10.79	12.375	17.625	19.4
00300	OXYGEN, DISSOLVED MG/L	05/01/74-10/21/91	50	7.45	7.562	10.5	4.8	2.191	1.48	5.5	6.525	8.7	9.69

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0072

NPS Station ID: GATE0072 LAT/LON: 40.600004/ -73.866670 Agency: 21NYDEC2 Date Created: 12/01/79
Location: JAMAICA BAY; SOUTH WESTERN LONG ISLAND FIPS State/County: 36047 NEW YORK/KINGS
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): 17F01036
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 02030202 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST Elevation: 0 Water Body Id:
Minor Basin: LAKE ERIE SHORE & MINOR TRIBUTARIES ECO Region:
RF1 Index: 02030202028 RF1 Mile Point: 34.130 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02030201000101.63 RF3 Mile Point: 2.29 Distance from RF3: 0.24 On/Off RF3:
Description:
DATA FROM NEW YORK DEPARTMENT OF ENVIRONMENTAL CONSERVATION FISH TISSUE SAMPLES ANALYZED FOR TOXICS; SAMPLE TAKEN FROM JAMAICA BAY; SOUTH WESTERN LONG ISLAND

Parameter Inventory for Station: GATE0072

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	07/18/78-07/18/78	4	0.3	0.275	0.3	0.2	0.002	0.05	**	**	**	**
34370	ENDRIN ALDEHYDE WET WGTTISMG/KG	07/18/78-07/18/78	4 ##	0.005	0.004	0.005	0.001	0.	0.002	**	**	**	**
34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	07/18/78-07/18/78	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34687	HEPTACHLOR WET WGTTISMG/KG	07/18/78-07/18/78	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34690	PCB - 1254 WET WGTTISMG/KG	07/18/78-07/18/78	4	0.14	0.15	0.23	0.09	0.003	0.059	**	**	**	**
34691	TOXAPHENE WET WGTTISMG/KG	07/18/78-07/18/78	4	0.06	0.065	0.12	0.02	0.002	0.044	**	**	**	**
39105	PERCENT FAT HEXANE EXTRACTION	07/18/78-07/18/78	4	1.45	1.425	2.	0.8	0.283	0.532	**	**	**	**
39376	DDT SUM ANALOGS INTISSUE WET WGT BASIS	07/18/78-07/18/78	4 ##	0.005	0.021	0.07	0.005	0.001	0.033	**	**	**	**
39404	DIELDRIN IN TISSUE WET WGT (UG/G)	07/18/78-07/18/78	4	0.008	0.008	0.01	0.005	0.	0.003	**	**	**	**
39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	07/18/78-07/18/78	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	07/18/78-07/18/78	4	0.1	0.095	0.1	0.08	0.	0.01	**	**	**	**
71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	07/18/78-07/18/78	4 ##	0.05	0.053	0.07	0.04	0.	0.013	**	**	**	**
81371	PCBS AROCLOR 1016&1242 IN FISH TISSUE WET WGT UG/G	07/18/78-07/18/78	4	0.025	0.03	0.06	0.01	0.	0.022	**	**	**	**
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	07/18/78-07/18/78	4	20.	19.	28.	8.	84.667	9.201	**	**	**	**
81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	07/18/78-07/18/78	4	1.	1.	1.	1.	0.	0.	**	**	**	**
81645	MIREX IN FISH TISSUE WET WEIGHT UG/G	07/18/78-07/18/78	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GATE0073

NPS Station ID: GATE0073
LAT/LON: 40.637504/ -73.867226
Agency: 1111H030
Date Created: / /
Location: JAMAICA BAY (921)
FIPS State/County: 36081 NEW YORK/QUEENS
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): 403815007352020/921
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02030202
Depth of Water: 30
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-N.Y. METROPOLI
ECO Region:
RF1 Index: 02030202028
RF1 Mile Point: 27.620
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02030202002900.00
RF3 Mile Point: 2.52
Distance from RF3: 0.16
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0073

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00940	CHLORIDE,TOTAL IN WATER MG/L	04/22/65-04/22/65	2	14100.	14100.	14450.	13750.	245000.	494.975	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/22/65-04/22/65	2	41500.	41500.	57000.	26000.	480500000.	21920.31	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/22/65-04/22/65	2	4.585	4.585	4.756	4.415	0.058	0.241	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			38496.753								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/22/65-04/22/65	2	29000.	29000.	50000.	8000.	882000000.	29698.485	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/22/65-04/22/65	2	4.301	4.301	4.699	3.903	0.317	0.563	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			20000.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0073

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	2	1.00							2	2	1.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	2	2	1.00							2	2	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0074

NPS Station ID: GATE0074 | LAT/LON: 40.565615/ -73.868754 | Agency: 11NPSWRD | Date Created: 12/21/96
Location: Riis Park | FIPS State/County: 36081 NEW YORK/QUEENS
Station Type: /TYPA/AMBNT/OCEAN | STORET Station ID(s): GATE_ATL-1
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 02030202 | Depth of Water: 0 | Aquifer:
Major Basin: NORTHEAST | Elevation: 0 | Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METROPOLITAN AREA | ECO Region:
RF1 Index: 02030202 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 02030202104200.00 | RF3 Mile Point: 0.00 | Distance from RF3: 4.93 | On/Off RF3:
Description:
Station is a beach sampling site located in Jacob Riis Park near the towers. Station can be found on the USGS 7.5' Far Rockaway N.Y. quadrangle. To reach the site: Take Flatbush Ave. to the Marine Parkway Bridge. Follow signs to Riis Park. At bathhouse drive onto boardwalk. Park car by Park police building. Walk down to surf and take the sample. For additional information on the water quality data stored at this station; contact the Division of Natural Resources at Gateway National Recreation Area - Building 210; Fort Wadsworth; Staten Island N.Y. 10305 (tel. 718-448-5505; fax. 718-448-4015). The park produces an Annual Report summarizing each year's monitoring activities. Data processed and uploaded to STORET by Dean Tucker; NPS Water Resources Division; 1201 Oak Ridge Drive Ste. 250; Fort Collins CO 80525 (tel. 970-225-3516; fax. 970-225-9965).

Parameter Inventory for Station: GATE0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/31/83	7	20.	20.143	22.	18.	1.476	1.215	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	06/07/83-08/31/83	12	20.	19.167	30.	10.	49.242	7.017	10.	11.25	23.75	30.
00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/31/83	5	7.1	7.72	10.2	5.9	2.867	1.693	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/07/83-08/11/83	3	98.	106.	125.	95.	273.	16.523	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/01/83-08/31/83	14	8.	8.	8.2	7.8	0.017	0.13	7.8	7.9	8.1	8.2
00403	CONVERTED PH, LAB, STANDARD UNITS	06/01/83-08/31/83	14	8.	7.982	8.2	7.8	0.017	0.131	7.8	7.9	8.1	8.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/01/83-08/31/83	14	0.01	0.01	0.016	0.006	0.	0.003	0.006	0.008	0.013	0.016
00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/25/83	10	30.5	30.64	33.7	27.4	2.896	1.702	27.61	29.8	31.625	33.56
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/04/83-08/31/83	4	0.005	0.008	0.022	0.	0.	0.01	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/20/83-08/25/83	3	0.	0.007	0.02	0.	0.	0.012	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/01/83-08/25/83	10	16879.	16958.3	18638.	15178.	886372.233	941.473	15291.7	16480.75	17510.25	18564.3
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	266	23.	121.756	6666.	0.	264555.951	514.35	0.	0.	69.	211.6
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	266	1.361	1.146	3.824	0.	0.909	0.954	0.	0.	1.838	2.326
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			14.007								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/01/83-09/10/83	15	23.	56.067	350.	2.	8253.21	90.847	2.	2.	79.	224.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/01/83-09/10/83	15	1.362	1.192	2.544	0.301	0.656	0.81	0.301	0.301	1.898	2.305
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			15.555								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/01/83-09/10/83	15	17.	34.267	140.	2.	2138.924	46.249	2.	2.	49.	134.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/01/83-09/10/83	15	1.23	1.076	2.146	0.301	0.515	0.718	0.301	0.301	1.69	2.127
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.915								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	272	6.	35.125	871.	0.	7996.235	89.422	0.	0.	29.	87.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	272	0.778	0.824	2.94	0.	0.682	0.826	0.	0.	1.462	1.94

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GATE0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			6.675								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/11/83-09/10/83	4	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0074

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	5	0	0.00	3	0	0.00				2	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	14	0	0.00	5	0	0.00				9	0	0.00			
		Other-Lo Lim.	6.5	14	0	0.00	5	0	0.00				9	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	266	4	0.02	109	1	0.01				157	3	0.02			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	15	0	0.00	6	0	0.00				9	0	0.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	15	0	0.00	6	0	0.00				9	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	272	8	0.03	112	3	0.03				160	5	0.03			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1980 - Station GATE0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	9	0.	1.222	11.	0.	13.444	3.667	0.	0.	0.	11.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	9	0.	0.116	1.041	0.	0.12	0.347	0.	0.	0.	1.041
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.305								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	9	0.	6.778	22.	0.	88.944	9.431	0.	0.	16.5	22.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	9	0.	0.5	1.342	0.	0.38	0.616	0.	0.	1.192	1.342
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.166								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station GATE0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	9	0.	45.778	407.	0.	18351.694	135.468	0.	0.	2.5	407.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	9	0.	0.368	2.61	0.	0.76	0.872	0.	0.	0.349	2.61
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.331								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	9	3.	85.333	722.	0.	57065.5	238.884	0.	0.	19.	722.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	9	0.477	0.739	2.859	0.	0.88	0.938	0.	0.	1.269	2.859
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			5.484								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station GATE0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	15	0.	1.733	7.	0.	6.067	2.463	0.	0.	3.	7.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	15	0.	0.228	0.845	0.	0.101	0.319	0.	0.	0.477	0.845
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.691								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	15	0.	0.133	2.	0.	0.267	0.516	0.	0.	0.	0.8
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	15	0.	0.02	0.301	0.	0.006	0.078	0.	0.	0.	0.12
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.047								

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Annual Analysis for 1983 - Station GATE0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	15	10.	12.667	54.	2.	162.095	12.732	2.6	4.	15.	34.2
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	15	1.	0.956	1.732	0.301	0.133	0.365	0.407	0.602	1.176	1.486
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			9.031								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	15	7.	9.933	50.	0.	154.495	12.43	0.	3.	12.	32.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	15	0.845	0.773	1.699	0.	0.222	0.471	0.	0.477	1.079	1.46
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			5.923								

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Annual Analysis for 1984 - Station GATE0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	12	77.	157.75	630.	3.	37066.75	192.527	7.5	23.75	271.5	557.7
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	12	1.833	1.832	2.799	0.477	0.448	0.669	0.711	1.368	2.426	2.737
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			67.879								

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Annual Analysis for 1984 - Station GATE0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	14	11.	28.071	148.	0.	1682.995	41.024	0.	2.25	40.	112.5
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	14	1.04	0.997	2.17	0.	0.523	0.723	0.	0.358	1.602	2.028
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			9.931								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GATE0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	14	373.	896.571	6666.	16.	2978883.802	1725.944	16.5	73.	793.	4173.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	14	2.56	2.435	3.824	1.204	0.551	0.742	1.217	1.862	2.892	3.525
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			272.481								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	16	11.	69.	630.	0.	24813.2	157.522	2.1	5.5	69.5	317.1
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	16	1.041	1.197	2.799	0.	0.525	0.724	0.334	0.736	1.776	2.424
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			15.756								

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Annual Analysis for 1986 - Station GATE0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	14	13.5	25.071	90.	0.	919.61	30.325	0.	2.5	38.	87.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	14	1.13	1.004	1.954	0.	0.489	0.699	0.	0.358	1.57	1.939
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			10.102								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	14	4.5	12.214	49.	0.	263.412	16.23	0.	0.	18.5	46.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	14	0.651	0.723	1.69	0.	0.389	0.623	0.	0.	1.257	1.662
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			5.285								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GATE0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	14	32.	54.5	211.	0.	3742.423	61.175	1.	10.75	85.5	175.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	14	1.491	1.381	2.324	0.	0.473	0.688	0.151	1.021	1.931	2.234
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			24.04								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	14	9.5	38.071	142.	0.	2605.302	51.042	0.	0.	72.5	132.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	14	0.962	0.98	2.152	0.	0.766	0.875	0.	0.	1.846	2.119
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			9.548								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GATE0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	51	50.	78.51	550.	0.	11819.215	108.716	0.	3.	78.	211.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	51	1.699	1.379	2.74	0.	0.741	0.861	0.	0.477	1.892	2.324
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			23.912								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	53	22.	37.358	220.	0.	2779.388	52.72	0.	0.	47.5	100.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	53	1.342	1.038	2.342	0.	0.672	0.82	0.	0.	1.676	2.
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			10.91								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	22	126.5	405.955	4400.	0.	864053.474	929.545	0.	27.25	368.25	830.8
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	22	2.102	1.877	3.643	0.	0.973	0.986	0.	1.432	2.542	2.918
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			75.336								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	22	11.	84.864	871.	0.	37722.885	194.224	0.	0.	79.75	296.4
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	22	1.041	1.028	2.94	0.	0.989	0.994	0.	0.	1.901	2.453
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			10.674								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	16	0.	18.125	87.	0.	770.917	27.765	0.	0.	29.	66.7
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	16	0.	0.616	1.94	0.	0.689	0.83	0.	0.	1.462	1.816
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.129								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	16	29.	27.188	145.	0.	1398.163	37.392	0.	0.	29.	84.1
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	16	1.462	0.904	2.161	0.	0.71	0.843	0.	0.	1.462	1.883
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			8.015								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	16	0.	18.125	174.	0.	1892.25	43.5	0.	0.	29.	72.5
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	16	0.	0.506	2.241	0.	0.632	0.795	0.	0.	1.462	1.696
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.204								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	16	0.	25.375	203.	0.	3237.85	56.902	0.	0.	21.75	142.1
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	16	0.	0.475	2.307	0.	0.748	0.865	0.	0.	1.097	2.137
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.984								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station GATE0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	21	29.	45.571	319.	0.	6187.357	78.66	0.	0.	43.5	179.8
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	21	1.462	0.985	2.504	0.	0.841	0.917	0.	0.	1.613	2.234
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			9.666								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	21	0.	30.381	232.	0.	3067.648	55.386	0.	0.	58.	87.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	21	0.	0.689	2.365	0.	0.838	0.916	0.	0.	1.763	1.94
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4.881								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station GATE0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	11	30.	50.636	203.	0.	3860.055	62.129	0.	0.	87.	185.6
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	11	1.477	1.246	2.307	0.	0.721	0.849	0.	0.	1.94	2.259
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			17.631								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station GATE0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	11	23.	39.818	174.	0.	2955.364	54.363	0.	0.	66.	156.6
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	11	1.362	0.964	2.241	0.	0.902	0.95	0.	0.	1.82	2.18
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			9.2								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station GATE0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	14	29.	49.714	174.	0.	4454.527	66.742	0.	0.	101.5	174.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	14	1.462	1.031	2.241	0.	0.935	0.967	0.	0.	1.995	2.241
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			10.736								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	14	29.	31.071	145.	0.	1612.687	40.158	0.	0.	29.	116.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	14	1.462	1.024	2.161	0.	0.671	0.819	0.	0.	1.462	2.05
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			10.571								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

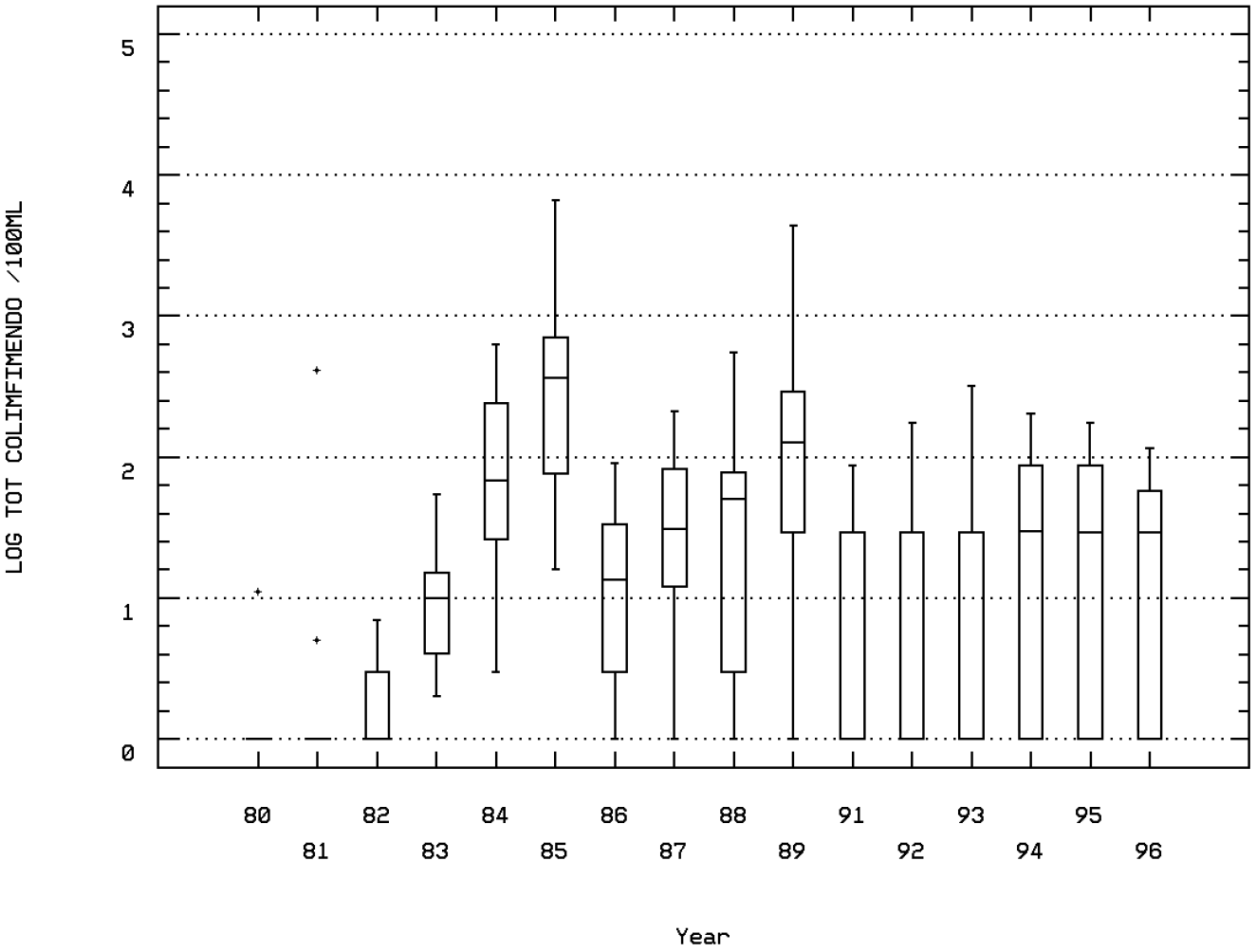
Annual Analysis for 1996 - Station GATE0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	13	29.	35.692	116.	0.	1142.897	33.807	0.	0.	58.	92.8
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	13	1.462	1.151	2.064	0.	0.668	0.818	0.	0.	1.763	1.944
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			14.17								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	13	0.	13.385	87.	0.	787.09	28.055	0.	0.	14.5	75.4
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	13	0.	0.397	1.94	0.	0.58	0.761	0.	0.	0.731	1.869
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.497								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: GATE0074 Parameter Code: 31501

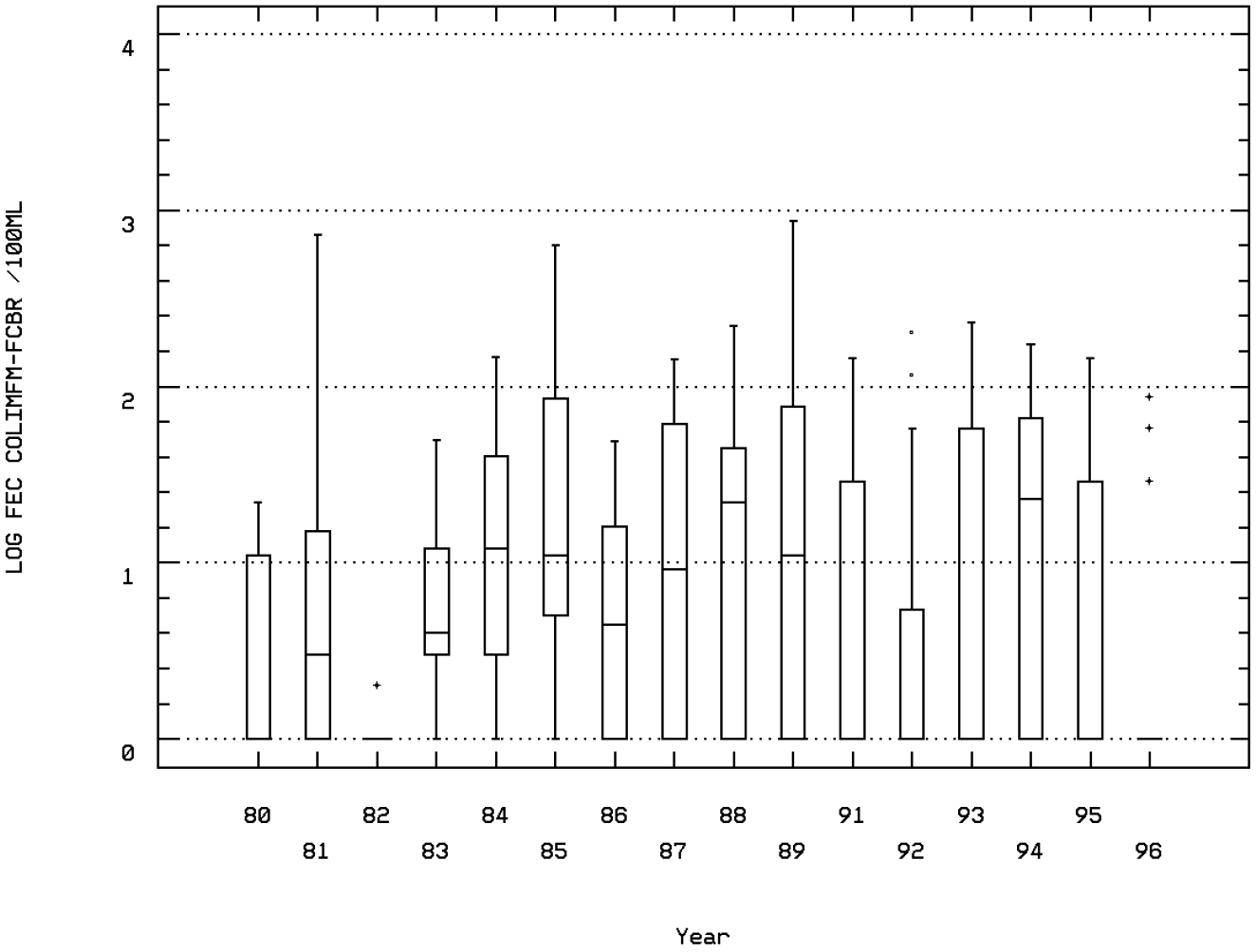
LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.



Riis Park

Station: GATE0074 Parameter Code: 31616

LOG FECAL COLIFORM,MEMBR FILTER,M-FC BR



Riis Park

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	109	29.	115.367	1680.	0.	55807.105	236.235	0.	0.	87.	418.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	109	1.462	1.251	3.225	0.	0.964	0.982	0.	0.	1.94	2.621
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			17.807								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	112	11.5	38.643	871.	0.	8969.475	94.707	0.	0.	39.	98.8
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	112	1.06	0.915	2.94	0.	0.702	0.838	0.	0.	1.591	1.995
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			8.226								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	157	18.	126.191	6666.	0.	410721.938	640.876	0.	0.	58.	179.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	157	1.255	1.074	3.824	0.	0.864	0.93	0.	0.	1.763	2.254
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			11.856								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	160	3.	32.663	722.	0.	7352.275	85.745	0.	0.	29.	86.9
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	160	0.477	0.761	2.859	0.	0.662	0.814	0.	0.	1.462	1.939
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			5.767								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0075

NPS Station ID: GATE0075 LAT/LON: 40.633337/ -73.870588 Agency: 11NYCOR Date Created: 09/08/79
Location: JAMAICA BAY CHNL.NORTH OF CANARSIE POL.KINGS CO. FIPS State/County: 36047 NEW YORK/KINGS
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): NYCOR339
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 02030202 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METRO AREA ECO Region:
RF1 Index: 02030202028 RF1 Mile Point: 28.180 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02030202002900.00 RF3 Mile Point: 8.97 Distance from RF3: 0.19 On/Off RF3:
Description:
NEW YORK CORPS OF ENGINEERS DREDGING STUDIES

Parameter Inventory for Station: GATE0075

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	11/15/71-11/15/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	11/15/71-11/15/71	1	26.	26.	26.	26.	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	11/15/71-11/15/71	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GATE0076

NPS Station ID: GATE0076
LAT/LON: 40.581116/ -73.871116
Agency: 1111H030
Date Created: / /
Location: JAMAICA BAY (903)
FIPS State/County: 36081 NEW YORK/QUEENS
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): 403452007352160/903
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02030202
Depth of Water: 35
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-N.Y. METROPOLI
ECO Region:
RF1 Index: 02030202028
RF1 Mile Point: 35.040
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02030202002709.04
RF3 Mile Point: 15.25
Distance from RF3: 0.30
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0076

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00940	CHLORIDE,TOTAL IN WATER MG/L	04/22/65-04/22/65	2	14550.	14550.	14600.	14500.	5000.	70.711	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/22/65-04/22/65	2	2350.	2350.	2400.	2300.	5000.	70.711	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/22/65-04/22/65	2	3.371	3.371	3.38	3.362	0.	0.013	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2349.468								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/22/65-04/22/65	2	510.	510.	900.	120.	304200.	551.543	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/22/65-04/22/65	2	2.517	2.517	2.954	2.079	0.383	0.619	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			328.634								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0076

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	2	1.00							2	2	1.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	2	1	0.50							2	1	0.50			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0077

NPS Station ID: GATE0077
LAT/LON: 40.633892/ -73.872782
Agency: 1111H030
Date Created: / /
Location: JAMAICA BAY (918)
FIPS State/County: 36081 NEW YORK/QUEENS
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): 403802007352220/918
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02030202
Depth of Water: 35
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-N.Y. METROPOLI
ECO Region:
RF1 Index: 02030202028
RF1 Mile Point: 28.210
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02030202134900.00
RF3 Mile Point: 0.00
Distance from RF3: 0.29
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00940	CHLORIDE,TOTAL IN WATER MG/L	04/22/65-04/22/65	2	14350.	14350.	14500.	14200.	45000.	212.132	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/22/65-04/22/65	2	7250.	7250.	12000.	2500.	45125000.	6717.514	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/22/65-04/22/65	2	3.739	3.739	4.079	3.398	0.232	0.482	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			5477.226								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/22/65-04/22/65	2	4465.	4465.	8000.	930.	24992450.	4999.245	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/22/65-04/22/65	2	3.436	3.436	3.903	2.968	0.437	0.661	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2727.636								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0077

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	2	1.00							2	2	1.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	2	2	1.00							2	2	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0078

NPS Station ID: GATE0078
LAT/LON: 40.647226/ -73.874726
Agency: 21350000
Date Created: / /
Location: 26TH WARD EFF
FIPS State/County: 36000 NEW YORK/
Station Type: /TYPA/MUN/TREATD/OUTFL/LAKE
STORET Station ID(s): 403850007352290/802E
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030202
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-N.Y. METROPOLITAN AREA
ECO Region:
RF1 Index: 02030202028
RF1 Mile Point: 27.620
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02030201000100.00
RF3 Mile Point: 0.11
Distance from RF3: 0.06
On/Off RF3:
Description:
PLANT WAS OPENED IN 1944 AND HAS A DESIGN CAPACITY OF 60 MGD AND A PRESENT FLOW OF 49 MGD. IT SERVES THE EASTERN SECTION OF BROOKLY NEAR JAMAICA BAY (5907 ACRES) WITH A CONNECTING POPULATION OF 316,000. PRESENT FACILITIES ARE STEP AERATION, SLUDGE DIGESTION, POWER GENERATION AND CHLORINATION. MONTHLY SUMMARIES OF DATA COLLECTED BY N.Y.C. DEPT. OF PUBLIC WORKS.

Parameter Inventory for Station: GATE0078

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GATE0079

NPS Station ID: GATE0079
LAT/LON: 40.595003/ -73.875005
Agency: REGII208
Date Created: 05/25/78
Location: JAMAICA BAY
FIPS State/County: 36047 NEW YORK/KINGS
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): NYC001J9 /J9
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02030202
Depth of Water: 29
Aquifer:
Major Basin: ISLAND CHANNEL BETWEEN
Elevation: 0
Water Body Id:
Minor Basin: RED&BLK QUICK FL&FL RED
ECO Region:
RF1 Index: 02030202028
RF1 Mile Point: 33.890
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02030202002900.00
RF3 Mile Point: 4.50
Distance from RF3: 0.07
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0079

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/15/76-07/18/77	4	13.65	13.625	24.8	2.4	162.109	12.732	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	12/15/76-07/18/77	4	9.05	8.8	11.1	6.	6.7	2.588	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	12/15/76-07/18/77	2	2.6	2.6	3.1	2.1	0.5	0.707	**	**	**	**
00400	PH (STANDARD UNITS)	12/15/76-12/15/76	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/15/76-12/15/76	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/15/76-12/15/76	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	12/15/76-07/18/77	2	7.5	7.5	9.	6.	4.5	2.121	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/15/76-07/18/77	2	0.292	0.292	0.42	0.163	0.033	0.182	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/15/76-07/18/77	2	0.031	0.031	0.033	0.029	0.	0.003	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/15/76-07/18/77	2	0.118	0.118	0.18	0.055	0.008	0.088	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/15/76-07/18/77	2	0.985	0.985	1.07	0.9	0.014	0.12	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/15/76-07/18/77	2	0.168	0.168	0.185	0.15	0.001	0.025	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	12/15/76-07/18/77	4	15900.	15875.	16000.	15700.	22500.	150.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	12/15/76-12/15/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	12/15/76-12/15/76	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	12/15/76-12/15/76	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	12/15/76-12/15/76	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	12/15/76-12/15/76	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	12/15/76-12/15/76	1	29.	29.	29.	29.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	12/15/76-07/18/77	2	2000.	2000.	2300.	1700.	180000.	424.264	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	12/15/76-07/18/77	2	3.296	3.296	3.362	3.23	0.009	0.093	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1977.372								
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/15/76-07/18/77	2	5.	5.	5.	5.	0.	0.	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/15/76-07/18/77	2	0.699	0.699	0.699	0.699	0.	0.	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			5.								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/15/76-07/18/77	2	5.	5.	5.	5.	0.	0.	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/15/76-07/18/77	2	0.699	0.699	0.699	0.699	0.	0.	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			5.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/15/76-07/18/77	2	250.	250.	330.	170.	12800.	113.137	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/15/76-07/18/77	2	2.374	2.374	2.519	2.23	0.041	0.204	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			236.854								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	12/15/76-07/18/77	2	0.099	0.099	0.13	0.068	0.002	0.044	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	12/15/76-12/15/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0079

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00				2	0	0.00	2	0	0.00			
00400	PH	Other-Hi Lim.	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
01027	CADMIUM, TOTAL	Marine Acute	43.	1	0	0.00				1	0	0.00						
01042	COPPER, TOTAL	Marine Acute	2.9	1	1	1.00				1	1	1.00						
01051	LEAD, TOTAL	Marine Acute	220.	1	0	0.00				1	0	0.00						
01067	NICKEL, TOTAL	Marine Acute	75.	1	0	0.00				1	0	0.00						
01092	ZINC, TOTAL	Marine Acute	95.	1	0	0.00				1	0	0.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	2	1.00				1	1	1.00	1	1	1.00			
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	2	0	0.00				1	0	0.00	1	0	0.00			
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	2	0	0.00				1	0	0.00	1	0	0.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	2	1	0.50				1	1	1.00	1	0	0.00			
71900	MERCURY, TOTAL	Marine Acute	2.1	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0080

NPS Station ID: GATE0080
LAT/LON: 40.599170/ -73.877227
Agency: 11NYCOR
Date Created: 09/08/79
Location: ISLAND CHANNEL NORTH OF SEAPLANE RAMP-USNAS
FIPS State/County: 36047 NEW YORK/KINGS
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): NYCOR76
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02030202
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METRO AREA
ECO Region:
RF1 Index: 02030202028
RF1 Mile Point: 33.740
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02030201000101.63
RF3 Mile Point: 2.29
Distance from RF3: 0.56
On/Off RF3:
Description:
NEW YORK CORPS OF ENGINEERS DREDGING STUDIES

Parameter Inventory for Station: GATE0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	05/15/75-05/15/75	1	0.35	0.35	0.35	0.35	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/15/75-05/15/75	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/15/75-05/15/75	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	05/15/75-05/15/75	1	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	05/15/75-05/15/75	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/15/75-05/15/75	1	4.2	4.2	4.2	4.2	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	05/15/75-05/15/75	1	460.	460.	460.	460.	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	05/15/75-05/15/75	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GATE0081

NPS Station ID: GATE0081
LAT/LON: 40.597226/ -73.877227
Agency: 1111H030
Date Created: / /
Location: JAMAICA BAY (906)
FIPS State/County: 36081 NEW YORK/QUEENS
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): 403550007352380/906
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02030202
Depth of Water: 35
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-N.Y. METROPOLI
ECO Region:
RF1 Index: 02030202028
RF1 Mile Point: 33.660
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02030202015700.00
RF3 Mile Point: 0.00
Distance from RF3: 0.17
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00940	CHLORIDE,TOTAL IN WATER MG/L	04/22/65-04/22/65	2	14625.	14625.	14650.	14600.	1250.	35.355	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/22/65-04/22/65	2	385.	385.	620.	150.	110450.	332.34	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/22/65-04/22/65	2	2.484	2.484	2.792	2.176	0.19	0.436	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			304.959								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/22/65-04/22/65	2	230.	230.	320.	140.	16200.	127.279	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/22/65-04/22/65	2	2.326	2.326	2.505	2.146	0.064	0.254	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			211.66								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0081

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	0	0.00							2	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	2	1	0.50							2	1	0.50			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0082

NPS Station ID: GATE0082
LAT/LON: 40.637976/ -73.877393
Agency: 11NPSWRD
Date Created: 12/21/96
Location: Pennsylvania Avenue Landfill
FIPS State/County: 36047 NEW YORK/KINGS
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): GATE_JB-6A /PAL /FRESH_CREEK
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02030202
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METROPOLITAN AREA
ECO Region:
RF1 Index: 02030202
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
Station is located where the Fresh Creek Basin empties into Jamaica Bay opposite the Pennsylvania Avenue Landfill. The station can be found on the USGS 7.5' Brooklyn N.Y. quadrangle. To reach the site: Drive boat to Fresh Creek Inlet. Take samples near the south side of the Belt Parkway overpass in the middle of the inlet by the containment buoys. Any data recorded with a depth of 999 indicates that the sample was collected at the bottom. Data recorded with a depth of 0 indicates that the sample was collected at the surface. For additional information on the water quality data stored at this station; contact the Division of Natural Resources at Gateway National Recreation Area - Building 210; Fort Wadsworth; Staten Island N.Y. 10305 (tel. 718-448-5505; fax. 718-448-4015). The park produces an Annual Report summarizing each year's monitoring activities. Data processed and uploaded to STORET by Dean Tucker; NPS WRD; 1201 Oak Ridge Drive Ste. 250; Fort Collins CO 80525 (tel. 970-225-3516; fax. 970-225-9965).

Parameter Inventory for Station: GATE0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/22/90-08/26/96	196	22.75	21.675	28.2	0.	16.385	4.048	16.6	20.2	24.25	25.13
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/28/92-08/26/96	73	23.3	22.747	36.	-1.7	33.928	5.825	14.88	21.3	26.05	28.72
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/28/92-08/26/96	42	1.22	1.317	2.52	0.75	0.15	0.387	0.92	1.	1.508	1.911
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/22/90-08/26/96	196	35500.	34498.469	41100.	15000.	21240254.055	4608.715	28100.	32600.	37875.	39130.
00300	OXYGEN, DISSOLVED MG/L	05/22/90-08/26/96	180	6.45	6.433	19.4	1.	7.202	2.684	3.03	4.225	8.475	9.4
00406	PH, FIELD, STANDARD UNITS SU	05/22/90-08/26/96	175	7.91	7.899	8.7	5.5	0.208	0.456	7.47	7.61	8.2	8.4
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/22/90-08/26/96	175	7.91	7.309	8.7	5.5	0.558	0.747	7.47	7.61	8.2	8.4
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/22/90-08/26/96	175	0.012	0.049	3.162	0.002	0.081	0.284	0.004	0.006	0.025	0.034
00480	SALINITY - PARTS PER THOUSAND	05/22/90-08/26/96	194	24.2	23.465	29.8	11.9	9.387	3.064	19.75	21.5	25.5	26.9
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/31/94-09/27/94	23	2.5	3.887	10.	0.	12.751	3.571	0.32	1.	7.5	10.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/01/94-08/26/96	42	0.24	0.311	2.9	0.	0.21	0.458	0.	0.088	0.393	0.528
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/31/94-08/26/96	46	0.455	1.017	4.	0.	1.137	1.066	0.147	0.2	2.025	2.5
01042	COPPER, TOTAL (UG/L AS CU)	01/31/94-09/27/94	23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/22/90-08/26/96	150	565.5	1262.4	24866.	0.	7607605.517	2758.189	58.	193.5	1167.	2260.2
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/22/90-08/26/96	150	2.752	2.603	4.396	0.	0.614	0.784	1.763	2.286	3.067	3.354
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			400.75								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/22/90-08/26/96	154	87.	1196.513	67600.	0.	32744254.408	5722.26	0.	0.	522.	2030.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/22/90-08/26/96	154	1.94	1.815	4.83	0.	1.551	1.245	0.	0.	2.718	3.307
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			65.243								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GATE0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/28/92-08/12/96	48	4.42	6.094	27.36	0.	34.554	5.878	0.296	2.065	9.003	12.88
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	01/31/94-08/26/96	48 ##	0.025	0.05	1.	0.	0.021	0.144	0.	0.	0.025	0.1
50064	CHLORINE, FREE AVAILABLE (MG/L)	01/31/94-08/26/96	48 ##	0.025	0.055	1.	0.	0.021	0.147	0.	0.	0.025	0.1
50066	CHLORINE, COMBINED AVAILABLE (MG/L)	01/31/94-09/27/94	22	0.	0.014	0.1	0.	0.001	0.035	0.	0.	0.	0.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0082

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	180	41	0.23	56	17	0.30	3	1	0.33	121	23	0.19			
00406	PH, FIELD	Other-Hi Lim.	8.5	175	15	0.09	52	0	0.00	4	0	0.00	119	15	0.13			
		Other-Lo Lim.	6.5	175	3	0.02	52	1	0.02	4	0	0.00	119	2	0.02			
01042	COPPER, TOTAL	Marine Acute	2.9	23	0	0.00	6	0	0.00	4	0	0.00	13	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	150	45	0.30	43	12	0.28	4	0	0.00	103	33	0.32			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	154	62	0.40	45	20	0.44	4	0	0.00	105	42	0.40			
50060	CHLORINE, TOTAL RESIDUAL	Marine Acute	0.013	22 &	8	0.36	4	3	0.75	3	2	0.67	15	3	0.20			
50064	CHLORINE, FREE AVAILABLE	Marine Acute	0.013	21 &	8	0.38	4	4	1.00	3	2	0.67	14	2	0.14			
50066	CHLORINE, COMBINED AVAILABLE	Marine Acute	0.013	22	3	0.14	4	1	0.25	4	0	0.00	14	2	0.14			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1990 - Station GATE0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/22/90-08/26/96	30	22.7	21.603	26.1	13.5	12.948	3.598	16.22	18.6	24.85	25.29
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/22/90-08/26/96	30	37450.	37373.333	40400.	34600.	2253747.126	1501.249	35320.	36100.	38450.	39180.
00300	OXYGEN, DISSOLVED MG/L	05/22/90-08/26/96	27	6.7	6.53	12.7	2.5	5.44	2.332	3.78	4.6	7.9	9.52
00406	PH, FIELD, STANDARD UNITS SU	05/22/90-08/26/96	26	8.15	8.131	8.7	7.4	0.153	0.391	7.5	7.875	8.45	8.63
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/22/90-08/26/96	26	8.147	7.962	8.7	7.4	0.182	0.427	7.5	7.875	8.45	8.63
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/22/90-08/26/96	26	0.007	0.011	0.04	0.002	0.	0.01	0.002	0.004	0.013	0.032
00480	SALINITY - PARTS PER THOUSAND	05/22/90-08/26/96	28	24.3	24.143	28.4	20.5	3.414	1.848	21.25	23.1	25.175	26.1
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/22/90-08/26/96	14	504.5	687.	1742.	87.	281521.538	530.586	145.	224.75	1273.75	1538.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/22/90-08/26/96	14	2.693	2.693	3.241	1.94	0.153	0.391	2.124	2.351	3.105	3.183
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			493.13								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/22/90-08/26/96	14	72.5	268.929	1856.	0.	258590.995	508.518	0.	0.	301.5	1330.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/22/90-08/26/96	14	1.851	1.468	3.269	0.	1.494	1.222	0.	0.	2.472	3.087
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			29.375								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/22/90-08/26/96	26	23.65	23.442	27.	17.4	4.645	2.155	20.43	22.375	24.625	25.49
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/22/90-08/26/96	26	35850.	35765.385	41100.	24000.	14167953.846	3764.034	30840.	33875.	38825.	40460.
00300	OXYGEN, DISSOLVED MG/L	05/22/90-08/26/96	20	5.85	5.63	9.5	2.4	3.107	1.763	2.9	4.5	6.65	7.99
00406	PH, FIELD, STANDARD UNITS SU	05/22/90-08/26/96	17	8.1	8.147	8.5	7.9	0.03	0.174	7.98	8.	8.25	8.5
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/22/90-08/26/96	17	8.1	8.118	8.5	7.9	0.031	0.176	7.98	8.	8.25	8.5
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/22/90-08/26/96	17	0.008	0.008	0.013	0.003	0.	0.003	0.003	0.006	0.01	0.011
00480	SALINITY - PARTS PER THOUSAND	05/22/90-08/26/96	26	24.6	24.354	27.3	15.1	6.2	2.49	21.9	23.8	25.9	26.76
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/22/90-08/26/96	28	245.	396.143	1247.	0.	155628.72	394.498	26.1	87.	667.	986.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/22/90-08/26/96	28	2.382	2.224	3.096	0.	0.633	0.796	1.316	1.94	2.824	2.992
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			167.379								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/22/90-08/26/96	28	87.	925.857	5220.	0.	2592405.016	1610.095	0.	29.	930.	3941.1
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/22/90-08/26/96	28	1.914	1.915	3.718	0.	1.594	1.263	0.	1.462	2.968	3.593
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			82.185								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/22/90-08/26/96	30	21.7	21.32	24.1	16.2	5.261	2.294	16.96	19.95	23.3	23.77
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/28/92-08/26/96	15	23.9	23.047	29.	14.	15.198	3.899	16.4	21.1	26.	28.1
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/22/90-08/26/96	30	36650.	36843.333	40400.	31600.	5139091.954	2266.957	33770.	35625.	38650.	39890.
00300	OXYGEN, DISSOLVED MG/L	05/22/90-08/26/96	29	6.8	6.886	10.9	3.3	3.668	1.915	4.2	5.5	8.35	10.
00406	PH, FIELD, STANDARD UNITS SU	05/22/90-08/26/96	30	8.08	8.11	8.7	7.55	0.095	0.308	7.677	7.908	8.305	8.54
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/22/90-08/26/96	30	8.08	8.011	8.7	7.55	0.105	0.324	7.677	7.907	8.305	8.54
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/22/90-08/26/96	30	0.008	0.01	0.028	0.002	0.	0.007	0.003	0.005	0.012	0.021
00480	SALINITY - PARTS PER THOUSAND	05/22/90-08/26/96	30	26.4	26.153	27.8	24.1	1.236	1.112	24.42	25.325	27.2	27.4
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/22/90-08/26/96	15	928.	2407.	13021.	58.	13320238.571	3649.69	110.2	203.	4930.	9019.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/22/90-08/26/96	15	2.968	2.889	4.115	1.763	0.509	0.713	2.002	2.307	3.693	3.928
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			774.877								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/22/90-08/26/96	15	58.	1233.467	7134.	0.	4873098.41	2207.51	0.	0.	2233.	5724.6
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/22/90-08/26/96	15	1.763	1.811	3.853	0.	1.962	1.401	0.	0.	3.349	3.749
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			64.684								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station GATE0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/22/90-08/26/96	30	23.2	22.453	26.7	15.1	11.281	3.359	16.33	20.825	25.	26.03
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/28/92-08/26/96	15	26.	25.7	36.	18.	22.707	4.765	19.2	22.	29.	33.6
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/22/90-08/26/96	30	34100.	32700.	39900.	17900.	43924137.931	6627.529	23020.	26875.	38750.	39570.
00300	OXYGEN, DISSOLVED MG/L	05/22/90-08/26/96	25	4.	4.56	8.5	1.5	4.153	2.038	2.5	3.	6.5	7.9
00406	PH, FIELD, STANDARD UNITS SU	05/22/90-08/26/96	22	8.05	7.91	8.58	5.5	0.394	0.628	7.528	7.678	8.24	8.489
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/22/90-08/26/96	22	8.047	6.808	8.58	5.5	1.665	1.29	7.528	7.677	8.24	8.489
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/22/90-08/26/96	22	0.009	0.155	3.162	0.003	0.451	0.672	0.003	0.006	0.021	0.03
00480	SALINITY - PARTS PER THOUSAND	05/22/90-08/26/96	30	24.05	21.89	26.5	11.9	18.344	4.283	14.51	18.175	25.2	25.9
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/22/90-08/26/96	13	400.	733.692	4000.	0.	1114480.731	1055.69	23.2	130.5	800.	2910.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/22/90-08/26/96	13	2.602	2.422	3.602	0.	0.776	0.881	0.705	2.113	2.903	3.404
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			264.081								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/22/90-08/26/96	15	29.	484.667	3400.	0.	1002620.952	1001.31	0.	0.	200.	2578.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/22/90-08/26/96	15	1.462	1.475	3.531	0.	1.591	1.261	0.	0.	2.301	3.397
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			29.849								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station GATE0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/22/90-08/26/96	26	19.95	17.542	28.2	0.	56.162	7.494	4.77	13.7	23.025	25.91
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/28/92-08/26/96	16	21.15	17.894	30.6	-1.7	78.851	8.88	0.64	10.6	25.3	27.87
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/22/90-08/26/96	26	31600.	30730.769	39400.	15000.	43331815.385	6582.691	21090.	26675.	35950.	39030.
00300	OXYGEN, DISSOLVED MG/L	05/22/90-08/26/96	25	5.5	7.408	19.4	1.	18.96	4.354	2.66	3.85	9.9	13.2
00406	PH, FIELD, STANDARD UNITS SU	05/22/90-08/26/96	26	7.65	7.554	8.2	5.7	0.287	0.535	6.97	7.475	7.825	8.03
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/22/90-08/26/96	26	7.647	6.91	8.2	5.7	0.718	0.847	6.97	7.475	7.825	8.03
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/22/90-08/26/96	26	0.023	0.123	1.995	0.006	0.16	0.4	0.009	0.015	0.034	0.224
00480	SALINITY - PARTS PER THOUSAND	05/22/90-08/26/96	26	23.2	23.235	29.8	12.2	14.57	3.817	17.26	21.95	26.025	27.74
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/22/90-08/26/96	26	1254.	3026.038	24866.	0.	29073415.398	5391.977	40.6	438.75	2302.5	10673.7
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/22/90-08/26/96	26	3.098	2.875	4.396	0.	1.074	1.036	1.234	2.64	3.362	4.023
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			749.55								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/22/90-08/26/96	28	169.5	1159.571	15399.	0.	12000225.735	3464.134	0.	0.	485.75	1878.7
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/22/90-08/26/96	28	2.229	1.847	4.187	0.	1.673	1.293	0.	0.	2.686	3.047
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			70.243								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station GATE0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/22/90-08/26/96	28	22.6	23.004	26.6	19.5	4.469	2.114	19.98	21.575	24.575	26.01
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/28/92-08/26/96	14	23.6	24.393	29.4	17.8	10.738	3.277	19.45	22.2	27.925	28.85
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/22/90-08/26/96	28	35250.	34564.286	38500.	29000.	7252751.323	2693.093	30630.	32050.	36850.	37910.
00300	OXYGEN, DISSOLVED MG/L	05/22/90-08/26/96	28	7.7	6.529	10.7	2.3	5.435	2.331	3.27	4.325	8.5	8.71
00406	PH, FIELD, STANDARD UNITS SU	05/22/90-08/26/96	28	7.75	7.844	8.4	6.8	0.135	0.367	7.461	7.693	8.163	8.341
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/22/90-08/26/96	28	7.75	7.664	8.4	6.8	0.168	0.41	7.461	7.692	8.163	8.341
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/22/90-08/26/96	28	0.018	0.022	0.158	0.004	0.001	0.029	0.005	0.007	0.02	0.035
00480	SALINITY - PARTS PER THOUSAND	05/22/90-08/26/96	28	23.25	23.511	27.4	19.7	3.5	1.871	21.	22.45	24.875	25.94
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/22/90-08/26/96	28	826.5	945.714	3248.	29.	676731.471	822.637	159.5	290.	1247.	2169.2
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/22/90-08/26/96	28	2.914	2.771	3.512	1.462	0.258	0.508	2.163	2.462	3.096	3.334
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			590.773								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/22/90-08/26/96	28	377.	459.929	1827.	0.	179890.365	424.135	55.1	87.	667.	963.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/22/90-08/26/96	28	2.576	2.395	3.262	0.	0.43	0.656	1.733	1.94	2.823	2.981
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			248.459								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1996 - Station GATE0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/22/90-08/26/96	26	22.3	22.204	24.9	17.	3.796	1.948	19.48	21.175	23.625	24.56
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/28/92-08/26/96	13	22.5	23.192	28.	21.	3.356	1.832	21.4	22.	24.25	26.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/22/90-08/26/96	26	33150.	32980.769	34800.	30600.	1583215.385	1258.259	31090.	31750.	33825.	34700.
00300	OXYGEN, DISSOLVED MG/L	05/22/90-08/26/96	26	8.4	7.208	10.5	2.5	5.521	2.35	3.47	4.975	8.825	9.33
00406	PH, FIELD, STANDARD UNITS SU	05/22/90-08/26/96	26	7.58	7.655	8.13	7.32	0.061	0.247	7.39	7.458	7.895	8.043
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/22/90-08/26/96	26	7.58	7.595	8.13	7.32	0.065	0.254	7.39	7.457	7.895	8.043
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/22/90-08/26/96	26	0.026	0.025	0.048	0.007	0.	0.012	0.009	0.013	0.035	0.041
00480	SALINITY - PARTS PER THOUSAND	05/22/90-08/26/96	26	20.9	20.746	22.1	19.	0.788	0.888	19.42	19.95	21.325	21.9
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/22/90-08/26/96	26	304.5	686.538	6467.	0.	1578966.338	1256.569	29.	174.	783.	1367.5
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/22/90-08/26/96	26	2.483	2.435	3.811	0.	0.516	0.719	1.462	2.241	2.893	3.124
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			272.034								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/22/90-08/26/96	26	29.	3209.846	67600.	0.	175322070.535	13240.924	0.	0.	340.25	5470.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/22/90-08/26/96	26	1.462	1.431	4.83	0.	2.053	1.433	0.	0.	2.215	3.726
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			26.997								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/22/90-08/26/96	60	23.7	23.577	26.1	18.8	2.465	1.57	21.52	22.925	24.7	25.38
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/22/90-08/26/96	60	36450.	35421.667	40600.	23200.	13395624.294	3660.003	31420.	34825.	37975.	38790.
00300	OXYGEN, DISSOLVED MG/L	05/22/90-08/26/96	56	5.9	5.854	10.	1.	5.865	2.422	2.5	3.9	8.275	8.73
00406	PH, FIELD, STANDARD UNITS SU	05/22/90-08/26/96	52	7.86	7.814	8.32	5.5	0.18	0.424	7.47	7.61	8.1	8.2
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/22/90-08/26/96	52	7.859	7.112	8.32	5.5	0.682	0.826	7.47	7.61	8.1	8.2
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/22/90-08/26/96	52	0.014	0.077	3.162	0.005	0.19	0.436	0.006	0.008	0.025	0.034
00480	SALINITY - PARTS PER THOUSAND	05/22/90-08/26/96	60	24.8	23.8	27.4	15.5	7.92	2.814	19.71	22.775	25.475	26.69
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/22/90-08/26/96	43	638.	1758.628	24866.	0.	17678236.763	4204.55	40.6	203.	1015.	4120.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/22/90-08/26/96	43	2.805	2.66	4.396	0.	0.715	0.846	1.583	2.307	3.006	3.615
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			456.971								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/22/90-08/26/96	45	116.	547.467	7134.	0.	1762635.073	1327.643	0.	0.	493.	1057.8
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/22/90-08/26/96	45	2.064	1.714	3.853	0.	1.505	1.227	0.	0.	2.693	3.014
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			51.802								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/22/90-08/26/96	4	4.55	3.775	6.	0.	7.003	2.646	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/22/90-08/26/96	4	22750.	25075.	33500.	21300.	32295833.333	5682.942	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/22/90-08/26/96	3	13.8	12.233	19.4	3.5	65.043	8.065	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	05/22/90-08/26/96	4	7.55	7.6	7.8	7.5	0.02	0.141	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/22/90-08/26/96	4	7.547	7.584	7.8	7.5	0.02	0.143	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/22/90-08/26/96	4	0.028	0.026	0.032	0.016	0.	0.007	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	05/22/90-08/26/96	4	22.5	23.35	25.9	22.5	2.89	1.7	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/22/90-08/26/96	4	58.	246.5	870.	0.	175769.	419.248	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/22/90-08/26/96	4	1.032	1.251	2.94	0.	2.214	1.488	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			17.824								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/22/90-08/26/96	4	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/22/90-08/26/96	4	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/22/90-08/26/96	132	22.05	21.353	28.2	11.9	11.574	3.402	16.33	19.85	23.5	25.1
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/22/90-08/26/96	132	35250.	34364.394	41100.	15000.	21724447.721	4660.949	28460.	32125.	37875.	39270.
00300	OXYGEN, DISSOLVED MG/L	05/22/90-08/26/96	121	6.7	6.558	12.8	2.3	5.957	2.441	3.42	4.5	8.5	9.74
00406	PH, FIELD, STANDARD UNITS SU	05/22/90-08/26/96	119	7.97	7.946	8.7	5.7	0.22	0.469	7.42	7.7	8.3	8.51
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/22/90-08/26/96	119	7.97	7.425	8.7	5.7	0.494	0.703	7.42	7.7	8.3	8.51
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/22/90-08/26/96	119	0.011	0.038	1.995	0.002	0.036	0.19	0.003	0.005	0.02	0.038
00480	SALINITY - PARTS PER THOUSAND	05/22/90-08/26/96	130	23.8	23.315	29.8	11.9	10.28	3.206	19.74	21.4	25.55	27.08
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/22/90-08/26/96	103	551.	1094.689	13200.	0.	3655943.922	1912.052	58.	174.	1188.	2102.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/22/90-08/26/96	103	2.741	2.632	4.121	0.	0.464	0.681	1.763	2.241	3.075	3.323
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			428.125								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/22/90-08/26/96	105	87.	1520.257	67600.	0.	47082947.866	6861.702	0.	29.	793.5	2720.2
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/22/90-08/26/96	105	1.94	1.927	4.83	0.	1.501	1.225	0.	1.462	2.9	3.425
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			84.449								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0083

NPS Station ID: GATE0083 LAT/LON: 40.599642/ -73.878143 Agency: 11NYCOR Date Created: 09/08/79
Location: JAMAICA BAY ISLAND CHNL.EAST OF USNAS-KINGS CO. FIPS State/County: 36047 NEW YORK/KINGS
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): NYCOR338
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 02030202 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METRO AREA ECO Region:
RF1 Index: 02030202028 RF1 Mile Point: 33.590 Distance from RF1: 10.00 On/Off RF1: OFF
RF3 Index: 02030201000101.63 RF3 Mile Point: 2.29 Distance from RF3: 0.79 On/Off RF3:
Description:
NEW YORK CORPS OF ENGINEERS DREDGING STUDIES

Parameter Inventory for Station: GATE0083

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	11/10/71-11/10/71	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	11/10/71-11/10/71	1	33.	33.	33.	33.	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	11/10/71-11/10/71	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GATE0084

NPS Station ID: GATE0084
LAT/LON: 40.638059/ -73.878337
Agency: 21NYDECB
Date Created: 03/30/96
Location: Fresh Cr. Basin off Jamaica Ba
FIPS State/County: 36047 NEW YORK/KINGS
Station Type: /TYPA/AMBNT/ESTURY/NET
STORET Station ID(s): 17011B50
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02030202
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id: NY00000 Fresh Cr. Basin
Minor Basin: L.HUDSON - NYC
ECO Region:
RF1 Index: 02030202
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0084

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GATE0085

NPS Station ID: GATE0085 | LAT/LON: 40.561615/ -73.879920 | Agency: 11NPSWRD | Date Created: 01/07/97
Location: Fort Tilden Beach | FIPS State/County: 36081 NEW YORK/QUEENS
Station Type: /TYPA/AMBNT/OCEAN | STORET Station ID(s): GATE_ATL-3
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 02030202 | Depth of Water: 0 | Aquifer:
Major Basin: NORTHEAST | Elevation: 0 | Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METROPOLITAN AREA | ECO Region:
RF1 Index: 02030202 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 02030202104200.00 | RF3 Mile Point: 0.00 | Distance from RF3: 4.93 | On/Off RF3:
Description:
Station is located at Fort Tilden Beach near the fence border between Ft. Tilden and Riis Park in the Breezy Point Unit of Gateway National Recreation Area. The station can be found on the USGS 7.5 minute Coney Island N.Y.-N.J. quadrangle. Samples were collected at this location from 1977-1979; thereafter samples were collected at GATE_ATL-1 and GATE_ATL-2. For additional information on the water water quality data stored at this station; contact the Division of Natural Resources at Gateway National Recreation Area - Building 210; Fort Wadsworth; Staten Island N.Y. 10305 (tel. 718-448-5505; fax. 718-448-4015). The park produces an Annual Report summarizing each year's monitoring activities. Data processed and uploaded to STORET by Dean Tucker; NPS Water Resources Division; 1201 Oak Ridge Drive Ste. 250; Fort Collins CO 80525 (tel. 970-225-3516; fax. 970-225-9965).

Parameter Inventory for Station: GATE0085

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/15/77-08/28/79	33	23.	160.152	1687.	0.	124414.383	352.724	0.	6.5	202.	329.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/15/77-08/28/79	33	1.362	1.409	3.227	0.	0.895	0.946	0.	0.812	2.302	2.517
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			25.619								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/16/77-08/29/79	27	7.	32.704	340.	0.	5084.524	71.306	0.	0.	20.	110.6
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/16/77-08/29/79	27	0.845	0.829	2.531	0.	0.639	0.799	0.	0.	1.301	2.037
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.752								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0085

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	33	2	0.06	11	0	0.00				22	2	0.09			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	27	1	0.04	11	1	0.09				16	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0086

NPS Station ID: GATE0086 | LAT/LON: 40.591254/ -73.879754 | Agency: 11NPSWRD | Date Created: 01/07/97
Location: Floyd Bennett Field - Coast Guard Station | FIPS State/County: 36047 NEW YORK/KINGS
Station Type: /TYPA/AMBNT/ESTURY | STORET Station ID(s): GATE_JB-19
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 02030202 | Depth of Water: 0 | Aquifer:
Major Basin: NORTHEAST | Elevation: 0 | Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METROPOLITAN AREA | ECO Region:
RF1 Index: 02030202 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 02030202104200.00 | RF3 Mile Point: 0.00 | Distance from RF3: 4.93 | On/Off RF3:
Description:
Station is located at the Coast Guard Station on the eastern edge of Floyd Bennett Field in the Jamaica Bay Unit of Gateway National Recreation Area. The station can be found on the USGS 7.5' Coney Island N.Y.-N.J. quadrangle. Samples were collected at this station only in 1977. For additional information on the water water quality data stored at this station; contact the Division of Natural Resources at Gateway National Recreation Area - Building 210; Fort Wadsworth; Staten Island N.Y. 10305 (tel. 718-448-5505; fax. 718-448-4015). The park produces an Annual Report summarizing each year's monitoring activities. Data processed and uploaded to STORET by Dean Tucker; NPS Water Resources Division; 1201 Oak Ridge Drive Ste. 250; Fort Collins CO 80525 (tel. 970-225-3516; fax. 970-225-9965).

Parameter Inventory for Station: GATE0086

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/15/77-08/15/77	11	500.	1093.545	4000.	67.	1688229.873	1299.319	85.6	200.	1367.	3826.8
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/15/77-08/15/77	11	2.699	2.758	3.602	1.826	0.295	0.543	1.902	2.301	3.136	3.581
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			572.714								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/16/77-08/18/77	7	167.	189.714	460.	0.	25895.238	160.92	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/16/77-08/18/77	7	2.223	1.912	2.663	0.	0.838	0.915	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			81.681								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0086

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	11	4	0.36	3	2	0.67				8	2	0.25			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	7	2	0.29	3	2	0.67				4	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0087

NPS Station ID: GATE0087
LAT/LON: 40.653338/ -73.880838
Agency: 21350000
Date Created: / /
Location: 26TH WARD INF
FIPS State/County: 36000 NEW YORK/
Station Type: /TYPA/MUN/NTRTMT/OUTFL/LAKE
STORET Station ID(s): 403912007352510/802I
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030202
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-N.Y. METROPOLITAN AREA
ECO Region:
RF1 Index: 02030202028
RF1 Mile Point: 27.620
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02030202002900.00
RF3 Mile Point: 2.77
Distance from RF3: 0.02
On/Off RF3:
Description:
PLANT WAS OPENED IN 1944 AND HAS A DESIGN CAPACITY OF 60 MGD AND A PRESENT FLOW OF 49 MGD. IT SERVES THE EASTERN SECTION OF BROOKLY NEAR JAMAICA BAY (5907 ACRES) WITH A CONNECTING POPULATION OF 316,000. PRESENT FACILITIES ARE STEP AERATION, SLUDGE DIGESTION, POWER GENERATION AND CHLORINATION. MONTHLY SUMMARIES OF DATA COLLECTED BY N.Y.C. DEPT. OF PUBLIC WORKS.

Parameter Inventory for Station: GATE0087

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GATE0088

NPS Station ID: GATE0088
LAT/LON: 40.561392/ -73.880838
Agency: REGII208
Date Created: 05/25/78
Location: ATLANTIC OCEAN
FIPS State/County: 36047 NEW YORK/KINGS
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): NYC001B12 /B12
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02030202
Depth of Water: 3
Aquifer:
Major Basin: SURF ZONE-169 ST
Elevation: 0
Water Body Id:
Minor Basin: RIIS PARK
ECO Region:
RF1 Index: 02030202028
RF1 Mile Point: 3.720
Distance from RF1: 3.10
On/Off RF1: ON
RF3 Index: 02030202002709.04
RF3 Mile Point: 11.26
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0088

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/10/75-06/11/77	25	14.	14.3	17.	12.	1.333	1.155	13.	13.75	15.	16.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/07/77-07/16/77	21	108.	107.429	110.	102.	4.557	2.135	104.	107.	109.	109.8
00480	SALINITY - PARTS PER THOUSAND	11/10/75-06/09/77	20	29.75	29.77	35.	26.5	4.084	2.021	27.05	28.975	30.075	34.07
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	07/12/77-07/12/77	2	24.5	24.5	39.	10.	420.5	20.506	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/10/75-07/16/77	29	80.	360.	4900.	20.	845264.286	919.383	20.	20.	230.	790.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	11/10/75-07/16/77	29	1.903	1.981	3.69	1.301	0.412	0.642	1.301	1.301	2.316	2.898
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			95.639								
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/10/75-07/16/77	29	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/10/75-07/16/77	29	0.699	0.699	0.699	0.699	0.	0.	0.699	0.699	0.699	0.699
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			5.								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/10/75-07/16/77	28	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	11/10/75-07/16/77	28	0.699	0.699	0.699	0.699	0.	0.	0.699	0.699	0.699	0.699
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			5.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/10/75-07/16/77	28	20.	77.5	490.	20.	15863.889	125.952	20.	20.	50.	330.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/10/75-07/16/77	28	1.301	1.564	2.69	1.301	0.208	0.456	1.301	1.301	1.699	2.519
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			36.676								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0088

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	29	2	0.07				12	1	0.08	17	1	0.06			
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	29	0	0.00				12	0	0.00	17	0	0.00			
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	28	0	0.00				9	0	0.00	19	0	0.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	28	4	0.14				9	2	0.22	19	2	0.11			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0089

NPS Station ID: GATE0089
LAT/LON: 40.579170/ -73.882226
Agency: 1111H030
Date Created: / /
Location: JAMAICA BAY CHLORINATION STUDY
FIPS State/County: 36047 NEW YORK/KINGS
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): J04A
RMI-Indexes: 0133000
Within Park Boundary: Yes
RMI-Miles: 0000.00
HUC: 02030202
Depth of Water: 18
Aquifer:
Major Basin: NAS FLOYD BENNETT FIELD
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02030202028
RF1 Mile Point: 35.660
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02030202002900.00
RF3 Mile Point: 9.75
Distance from RF3: 0.33
On/Off RF3:
Description:
JAMAICA BAY STUDY-TO DETERMINE THE EFFECT OF SEASONAL CHLORINATION OF TREATMENT PLANT EFFLUENTS ON JAMAICA BAY COLIFORM POPULATIONS. THE PLANT EFFLUENTS ARE CHLORINATED FROM MAY 15 THRU SEPT 30. THE STUDY WAS DIVIDED INTO 2 PHASES OVER AN 8 MONTH PERIOD - MARCH TO OCTOBER 1968 PHASE I - INTENSIVE SURVEY FROM MARCH 26 TO MAY 15 TO DETERMINE NORMAL OR BACKGROUND LEVELS OF COLIFORMS THEN FROM MAY 25 TO JUNE 28 TO DETER- MINE RESPONSE TIME AMD NEW LEVELS OF COLIFORMS. PHASE II - SURVEILLANCE STUDY- FROM SEPT 4 TO SEPT 30 TO DETERMINE BACK- GROUNG LEVELS DURING CHLORINATION THEN FROM SEPT 30 TO OCT 24 TO DETER- MINE RESPONSE TIME AND NEW COLIFORM LEVELS AFTER CHLORINATION STOPPED.

Parameter Inventory for Station: GATE0089

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GATE0090

NPS Station ID: GATE0090
LAT/LON: 40.627865/ -73.882754
Agency: 11NPSWRD
Date Created: 12/21/96
Location: Canarsie Pier
FIPS State/County: 36047 NEW YORK/KINGS
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): GATE_JB-6
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02030202
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METROPOLITAN AREA
ECO Region:
RF1 Index: 02030202
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
Station is located just off Canarsie Pier in Jamaica Bay. The station can be found on the USGS 7.5' Brooklyn N.Y. quadrangle and can be accessed by car or boat. To reach the site: By car go east on Belt Pkwy. to Exit 11S to Canarsie Pier. Go to the south side of the pier (middle area) and take sample. By boat drive to Canarsie Pier and take samples in the middle of the channel. Any data recorded with a depth of 999 indicates that the sample was collected at the bottom. Data recorded with a depth of 0 indicates that the sample was collected at the surface. For additional information on the water quality data stored at this station; contact the Division of Natural Resources at Gateway National Recreation Area - Building 210; Fort Wadsworth; Staten Island N.Y. 10305 (tel. 718-448-5505; fax. 718-448-4015). The park produces an Annual Report summarizing each year's monitoring activities. Data uploaded to STORET by Dean Tucker; NPS WRD; 1201 Oak Ridge Drive Ste.; Fort Collins CO 80525 (tel. 970-225-3516).

Parameter Inventory for Station: GATE0090

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/26/96	206	22.	20.82	26.6	2.3	18.751	4.33	14.79	19.175	23.6	24.9
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/28/92-08/26/96	80	22.5	21.204	31.	-4.4	37.067	6.088	12.85	17.375	25.375	27.
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/28/92-08/26/96	27	1.5	1.516	2.44	0.75	0.161	0.401	0.968	1.25	1.75	2.05
00080	COLOR (PLATINUM-COBALT UNITS)	06/07/83-08/30/83	12	30.	31.25	70.	20.	164.205	12.814	21.5	25.	30.	59.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-08/26/96	200	35800.	34696.5	42800.	13100.	26832801.759	5180.039	26920.	33100.	38175.	39790.
00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/26/96	185	7.	6.718	15.8	1.8	5.078	2.253	3.76	4.85	8.3	9.1
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/12/83-08/30/83	4	91.5	87.25	114.	52.	824.917	28.721	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/01/83-08/30/83	14	7.9	7.9	8.6	7.	0.152	0.39	7.25	7.7	8.125	8.45
00403	CONVERTED PH, LAB, STANDARD UNITS	06/01/83-08/30/83	14	7.889	7.713	8.6	7.	0.19	0.436	7.25	7.7	8.125	8.45
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/01/83-08/30/83	14	0.013	0.019	0.1	0.003	0.001	0.025	0.004	0.008	0.02	0.066
00406	PH, FIELD, STANDARD UNITS SU	05/30/89-08/26/96	179	7.9	7.85	8.8	4.8	0.307	0.554	7.4	7.6	8.19	8.4
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/30/89-08/26/96	179	7.9	6.648	8.8	4.8	1.759	1.326	7.4	7.6	8.19	8.4
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/89-08/26/96	179	0.013	0.225	15.849	0.002	2.914	1.707	0.004	0.006	0.025	0.04
00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/26/96	210	24.35	23.969	32.4	9.9	9.735	3.12	20.52	22.2	26.1	27.3
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/31/94-09/27/94	23	1.5	3.417	10.	0.	11.729	3.425	0.12	1.2	5.5	9.88
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/09/83-08/23/83	2	0.066	0.066	0.087	0.044	0.001	0.03	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/26/83-08/30/83	4	0.092	0.085	0.105	0.052	0.001	0.024	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/01/94-08/26/96	41	0.27	0.342	2.5	0.	0.157	0.396	0.	0.145	0.48	0.58
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/31/94-08/26/96	47	0.3	1.093	5.5	0.	1.741	1.319	0.082	0.18	2.	2.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GATE0090

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00940	CHLORIDE,TOTAL IN WATER MG/L	06/01/83-08/30/83	12	13908.	13931.583	16315.	11100.	1855152.083	1362.04	11610.9	13085.5	14828.	15992.2
01042	COPPER, TOTAL (UG/L AS CU)	01/31/94-09/27/94	21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/26/80-08/26/96	276	377.	1133.225	12700.	0.	3812800.393	1952.639	20.5	69.5	1218.	2851.7
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/26/80-08/26/96	276	2.576	2.414	4.104	0.	0.912	0.955	1.309	1.841	3.086	3.455
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			259.395								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/15/77-08/30/83	46	3700.	12098.696	67200.	0.	285797276.083	16905.54	180.2	758.75	21750.	40940.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/15/77-08/30/83	46	3.568	3.426	4.827	0.	1.138	1.067	2.249	2.88	4.337	4.611
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			2668.487								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/21/77-08/30/83	34	1010.	2497.765	16000.	0.	12424439.337	3524.832	100.	235.	3374.75	7950.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/21/77-08/30/83	34	3.003	2.859	4.204	0.	0.908	0.953	2.	2.371	3.528	3.895
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			723.515								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	287	29.	456.662	7656.	0.	1654257.287	1286.179	0.	0.	218.	1030.6
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	287	1.462	1.477	3.884	0.	1.34	1.157	0.	0.	2.338	3.013
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			29.972								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	09/08/83-08/12/96	62	2.95	5.773	44.93	0.	64.295	8.018	0.	0.748	7.558	14.884
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	01/31/94-08/26/96	47 ##	0.025	0.05	1.	0.	0.021	0.147	0.	0.	0.025	0.1
50064	CHLORINE, FREE AVAILABLE (MG/L)	01/31/94-08/26/96	47 ##	0.025	0.052	1.	0.	0.022	0.148	0.	0.	0.025	0.1
50066	CHLORINE, COMBINED AVAILABLE (MG/L)	01/31/94-09/27/94	21	0.	0.005	0.1	0.	0.	0.022	0.	0.	0.	0.
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/09/83-09/08/83	4	0.	0.001	0.002	0.	0.	0.001	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: GATE0090

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	185	25	0.14	60	11	0.18	11	0	0.00	114	14	0.12			
00403	PH, LAB	Other-Hi Lim.	8.5	14	1	0.07	5	0	0.00				9	1	0.11			
		Other-Lo Lim.	6.5	14	0	0.00	5	0	0.00				9	0	0.00			
00406	PH, FIELD	Other-Hi Lim.	8.5	179	17	0.09	53	0	0.00	12	1	0.08	114	16	0.14			
		Other-Lo Lim.	6.5	179	4	0.02	53	1	0.02	12	0	0.00	114	3	0.03			
01042	COPPER, TOTAL	Marine Acute	2.9	21	0	0.00	6	0	0.00	4	0	0.00	11	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	276	81	0.29	85	22	0.26	12	0	0.00	179	59	0.33			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	46	31	0.67	14	13	0.93				32	18	0.56			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	34	28	0.82	14	12	0.86				20	16	0.80			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	287	76	0.26	90	25	0.28	12	1	0.08	185	50	0.27			
50060	CHLORINE, TOTAL RESIDUAL	Marine Acute	0.013	20 &	6	0.30	4	4	1.00	3	2	0.67	13	0	0.00			
50064	CHLORINE, FREE AVAILABLE	Marine Acute	0.013	20 &	6	0.30	4	4	1.00	3	2	0.67	13	0	0.00			
50066	CHLORINE, COMBINED AVAILABLE	Marine Acute	0.013	21	1	0.05	4	1	0.25	4	0	0.00	13	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1977 - Station GATE0090

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/15/77-08/30/83	13	767.	4108.462	25334.	134.	50918239.269	7135.702	160.4	287.	4900.	19680.4
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/15/77-08/30/83	13	2.885	3.091	4.404	2.127	0.505	0.711	2.197	2.45	3.674	4.262
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1232.927								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GATE0090

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/15/77-08/30/83	9	39200.	35755.556	67200.	10400.	407797777.778	20194.004	10400.	17100.	52400.	67200.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/15/77-08/30/83	9	4.593	4.479	4.827	4.017	0.081	0.285	4.017	4.23	4.717	4.827
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			30104.967								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station GATE0090

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/15/77-08/30/83	10	3900.	8660.	38000.	0.	159351555.556	12623.453	0.	450.	11600.	36680.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/15/77-08/30/83	10	3.591	2.988	4.58	0.	2.738	1.655	0.	2.084	3.992	4.561
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			973.864								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GATE0090

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/26/80-08/26/96	9	66.	227.556	700.	0.	77651.028	278.659	0.	11.	469.	700.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/26/80-08/26/96	9	1.82	1.797	2.845	0.	0.916	0.957	0.	1.041	2.629	2.845
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			62.636								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	10	11.	27.2	122.	0.	1553.289	39.412	0.	0.	46.	116.5
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	10	1.041	0.967	2.086	0.	0.579	0.761	0.	0.	1.65	2.06
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			9.266								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station GATE0090

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/26/80-08/26/96	12	105.	513.583	2220.	0.	631686.447	794.787	0.9	7.75	1200.	2052.9
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/26/80-08/26/96	12	2.009	1.837	3.346	0.	1.291	1.136	0.143	0.884	3.001	3.309
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			68.765								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	12	27.5	117.75	443.	0.	22064.75	148.542	0.9	9.	233.5	404.6
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	12	1.439	1.543	2.646	0.	0.722	0.85	0.143	0.928	2.363	2.602
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			34.888								

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Annual Analysis for 1982 - Station GATE0090

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/26/80-08/26/96	15	90.	404.467	2193.	0.	371943.838	609.872	3.	38.	645.	1540.8
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/26/80-08/26/96	15	1.954	2.003	3.341	0.	0.841	0.917	0.419	1.58	2.81	3.163
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			100.701								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	15	28.	156.667	1223.	0.	101414.381	318.456	0.	2.	218.	727.4
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	15	1.447	1.365	3.087	0.	1.022	1.011	0.	0.301	2.338	2.794
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			23.18								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station GATE0090

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/26/96	6	23.5	23.167	25.	20.	3.767	1.941	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/26/96	6	6.55	6.567	8.4	3.9	2.967	1.722	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/26/96	12	25.15	25.167	29.5	20.1	6.039	2.457	21.	23.6	26.775	28.9
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/26/80-08/26/96	14	1665.	2239.071	12700.	123.	10064933.302	3172.528	161.5	420.	2712.5	7862.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/26/80-08/26/96	14	3.221	3.066	4.104	2.09	0.286	0.535	2.195	2.623	3.433	3.792
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1163.111								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/15/77-08/30/83	14	2000.	6766.429	24000.	130.	90016147.802	9487.684	185.	920.	10050.	24000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/15/77-08/30/83	14	3.292	3.374	4.38	2.114	0.5	0.707	2.247	2.964	3.894	4.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			2364.862								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	14	517.5	1268.071	7300.	23.	3764823.61	1940.315	39.	77.5	1705.	4900.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	14	2.714	2.616	3.863	1.362	0.569	0.755	1.551	1.889	3.218	3.631
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			413.251								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GATE0090

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/26/80-08/26/96	12	3337.	3658.917	8633.	166.	7237593.902	2690.278	436.3	1312.25	6225.25	8043.2
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/26/80-08/26/96	12	3.517	3.394	3.936	2.22	0.231	0.481	2.463	3.117	3.79	3.902
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2476.998								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	13	489.	792.462	2667.	0.	754237.436	868.468	10.	91.	1454.5	2383.8
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	13	2.689	2.4	3.426	0.	0.928	0.963	0.559	1.895	3.154	3.372
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			251.186								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GATE0090

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/26/80-08/26/96	10	3976.5	3956.9	6666.	46.	6948306.767	2635.964	163.2	1375.5	6666.	6666.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/26/80-08/26/96	10	3.592	3.374	3.824	1.663	0.442	0.665	1.805	3.137	3.824	3.824
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2363.878								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	14	22.	168.929	823.	0.	71300.071	267.021	0.	2.75	299.	691.5
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	14	1.342	1.369	2.915	0.	1.105	1.051	0.	0.433	2.448	2.832
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			23.406								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GATE0090

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/26/80-08/26/96	14	52.5	139.643	533.	9.	22979.94	151.591	15.5	33.75	256.5	402.5
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/26/80-08/26/96	14	1.719	1.886	2.727	0.954	0.268	0.517	1.148	1.527	2.409	2.581
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			76.884								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	14	20.	77.929	600.	0.	26299.918	162.172	0.	1.5	55.	410.5
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	14	1.3	1.183	2.778	0.	0.766	0.875	0.	0.226	1.66	2.561
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			15.238								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GATE0090

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/26/80-08/26/96	14	585.5	1025.714	6105.	39.	2372558.835	1540.311	53.	314.	1003.75	3960.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/26/80-08/26/96	14	2.762	2.711	3.786	1.591	0.306	0.553	1.709	2.489	2.994	3.522
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			513.812								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	14	134.	184.429	608.	16.	32477.648	180.216	16.5	30.25	314.5	504.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	14	2.127	2.021	2.784	1.204	0.278	0.527	1.217	1.48	2.494	2.693
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			104.888								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GATE0090

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/26/80-08/26/96	13	289.	630.231	2831.	28.	750021.526	866.038	48.	128.5	647.5	2570.6
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/26/80-08/26/96	13	2.461	2.482	3.452	1.447	0.309	0.556	1.625	2.102	2.809	3.407
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			303.503								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	14	53.	522.143	5600.	0.	2162357.363	1470.496	3.	11.	361.25	3033.5
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	14	1.724	1.775	3.748	0.	0.917	0.957	0.389	1.041	2.558	3.209
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			59.514								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0090

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/26/96	20	22.4	21.525	24.6	17.4	5.534	2.352	17.56	19.025	23.45	23.99
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-08/26/96	20	37700.	37580.	42800.	32200.	8010105.263	2830.213	34010.	35225.	39700.	42220.
00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/26/96	10	8.05	7.29	9.1	3.4	3.403	1.845	3.6	5.85	8.825	9.08
00406	PH, FIELD, STANDARD UNITS SU	05/30/89-08/26/96	14	7.75	7.579	8.1	6.4	0.211	0.459	6.7	7.375	7.9	8.05
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/30/89-08/26/96	14	7.747	7.261	8.1	6.4	0.319	0.565	6.7	7.375	7.9	8.05
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/89-08/26/96	14	0.018	0.055	0.398	0.008	0.01	0.102	0.009	0.013	0.042	0.249
00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/26/96	20	23.5	23.16	26.6	18.7	4.296	2.073	19.99	21.525	25.175	25.47
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/26/80-08/26/96	15	928.	3160.267	12474.	200.	16053268.352	4006.653	225.2	435.	7714.	10149.6
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/26/80-08/26/96	15	2.968	3.119	4.096	2.301	0.385	0.62	2.351	2.638	3.887	3.999
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1316.515								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	15	44.	201.2	1073.	0.	102513.457	320.177	0.	0.	276.	916.4
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	15	1.643	1.555	3.031	0.	1.173	1.083	0.	0.	2.441	2.958
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			35.88								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0090

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/26/96	30	22.45	21.36	26.1	13.4	13.01	3.607	15.95	18.5	24.6	25.19
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-08/26/96	30	38150.	38070.	41400.	35600.	2327689.655	1525.677	35910.	36900.	39050.	40340.
00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/26/96	27	7.3	6.926	10.8	3.2	4.556	2.134	4.08	4.6	8.1	9.76
00406	PH, FIELD, STANDARD UNITS SU	05/30/89-08/26/96	26	8.25	8.127	8.8	5.3	0.446	0.668	7.64	7.9	8.5	8.66
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/30/89-08/26/96	26	8.247	6.698	8.8	5.3	2.569	1.603	7.64	7.9	8.5	8.66
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/89-08/26/96	26	0.006	0.2	5.012	0.002	0.963	0.981	0.002	0.003	0.013	0.023
00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/26/96	28	25.15	24.779	28.9	20.3	3.448	1.857	21.51	24.075	25.8	26.43
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/26/80-08/26/96	14	760.5	810.643	2378.	58.	497196.401	705.122	58.	188.5	1231.75	2131.5
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/26/80-08/26/96	14	2.879	2.687	3.376	1.763	0.276	0.526	1.763	2.271	3.09	3.326
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			486.148								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	14	29.	90.	268.	0.	11912.462	109.144	0.	0.	201.5	264.5
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	14	1.462	1.18	2.428	0.	1.217	1.103	0.	0.	2.304	2.422
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			15.126								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0090

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/26/96	26	23.45	23.158	26.6	16.7	4.678	2.163	20.22	22.4	24.45	25.27
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-08/26/96	26	37100.	37026.923	40800.	32300.	6604446.154	2569.912	32950.	35650.	39400.	40450.
00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/26/96	20	6.75	6.76	10.5	4.1	2.838	1.685	4.41	5.525	7.9	9.25
00406	PH, FIELD, STANDARD UNITS SU	05/30/89-08/26/96	17	8.1	8.165	8.8	7.9	0.059	0.242	7.9	8.	8.3	8.56
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/30/89-08/26/96	17	8.1	8.113	8.8	7.9	0.062	0.248	7.9	8.	8.3	8.56
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/89-08/26/96	17	0.008	0.008	0.013	0.002	0.	0.003	0.003	0.005	0.01	0.013
00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/26/96	26	25.25	25.35	27.3	22.3	1.8	1.342	23.18	24.6	26.6	27.23
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/26/80-08/26/96	26	290.	344.077	1218.	0.	120581.514	347.248	0.	50.75	558.25	832.3
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/26/80-08/26/96	26	2.462	2.037	3.086	0.	0.987	0.993	0.	1.688	2.747	2.903
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			108.978								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	28	43.5	1341.143	7656.	0.	6451890.349	2540.057	0.	0.	551.	6063.9
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	28	1.613	1.634	3.884	0.	2.125	1.458	0.	0.	2.741	3.781
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			43.083								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0090

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/26/96	30	21.3	20.967	24.	15.8	5.844	2.418	16.42	19.725	23.025	23.58
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/28/92-08/26/96	15	24.	22.473	27.	12.	16.782	4.097	15.	21.1	25.5	27.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-08/26/96	30	37850.	37653.333	40700.	32800.	4639126.437	2153.863	33770.	36250.	39400.	40280.
00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/26/96	30	7.	7.217	12.9	3.3	4.019	2.005	4.8	5.575	8.55	9.5
00406	PH, FIELD, STANDARD UNITS SU	05/30/89-08/26/96	30	8.18	8.217	8.76	7.72	0.098	0.312	7.783	8.008	8.445	8.7
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/30/89-08/26/96	30	8.178	8.118	8.76	7.72	0.108	0.328	7.783	8.007	8.445	8.7
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/89-08/26/96	30	0.007	0.008	0.019	0.002	0.	0.005	0.002	0.004	0.01	0.016
00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/26/96	30	27.15	27.003	28.5	24.9	0.833	0.913	25.52	26.4	27.525	28.18
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/26/80-08/26/96	15	406.	1494.467	6583.	0.	4816751.41	2194.71	34.8	87.	1885.	5695.6
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/26/80-08/26/96	15	2.609	2.515	3.818	0.	1.005	1.002	1.058	1.94	3.275	3.752
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			327.6								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	15	58.	1372.667	7424.	0.	6424479.095	2534.656	0.	0.	2320.	7058.6
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	15	1.763	1.817	3.871	0.	1.988	1.41	0.	0.	3.365	3.848
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			65.575								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station GATE0090

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/28/92-08/26/96	15	25.5	24.5	31.	16.	19.464	4.412	16.6	21.	27.	30.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station GATE0090

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/26/96	40	15.15	15.853	26.	2.3	37.91	6.157	5.42	12.75	20.675	24.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/28/92-08/26/96	23	14.4	15.865	27.2	-4.4	57.953	7.613	8.74	12.8	23.9	26.02
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-08/26/96	40	27600.	27845.	40300.	13100.	43241000.	6575.789	18630.	24025.	32450.	37990.
00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/26/96	38	5.5	5.908	15.8	1.8	9.319	3.053	2.29	3.5	7.25	9.65
00406	PH, FIELD, STANDARD UNITS SU	05/30/89-08/26/96	38	7.55	7.492	8.6	4.8	0.494	0.703	7.2	7.4	7.8	7.91
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/30/89-08/26/96	38	7.547	6.066	8.6	4.8	2.584	1.608	7.2	7.4	7.8	7.91
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/89-08/26/96	38	0.028	0.86	15.849	0.003	12.819	3.58	0.012	0.016	0.04	0.063
00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/26/96	40	23.5	22.66	32.4	9.9	24.11	4.91	16.11	20.65	25.95	27.09
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/26/80-08/26/96	39	400.	846.846	5511.	0.	1400863.134	1183.581	29.	116.	1102.	1972.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/26/80-08/26/96	39	2.602	2.424	3.741	0.	0.827	0.91	1.462	2.064	3.042	3.295
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			265.556								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	41	29.	144.927	3667.	0.	324508.12	569.656	0.	0.	101.5	225.2
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	41	1.462	1.062	3.564	0.	1.126	1.061	0.	0.	2.002	2.352
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			11.529								

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Annual Analysis for 1995 - Station GATE0090

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/26/96	28	23.05	23.05	26.2	19.5	4.682	2.164	19.8	21.825	24.875	25.92
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/28/92-08/26/96	14	23.3	23.807	29.4	16.7	11.301	3.362	18.65	22.075	26.1	29.4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-08/26/96	28	34800.	34160.714	39200.	26200.	10196547.619	3193.203	30410.	32100.	36700.	37840.
00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/26/96	28	6.25	6.3	8.8	3.5	3.784	1.945	3.7	4.2	8.175	8.71
00406	PH, FIELD, STANDARD UNITS SU	05/30/89-08/26/96	28	7.815	7.783	8.24	7.	0.101	0.318	7.296	7.618	8.028	8.201
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/30/89-08/26/96	28	7.815	7.659	8.24	7.	0.117	0.342	7.296	7.618	8.027	8.201
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/89-08/26/96	28	0.015	0.022	0.1	0.006	0.	0.02	0.006	0.009	0.024	0.051
00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/26/96	28	23.35	22.932	25.4	16.8	4.363	2.089	20.81	22.125	24.35	25.02
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/26/80-08/26/96	28	203.	518.893	2204.	0.	418340.766	646.793	0.	58.	964.25	1650.1
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/26/80-08/26/96	28	2.303	2.117	3.343	0.	1.066	1.032	0.	1.763	2.984	3.216
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			131.048								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	28	58.	351.107	3886.	0.	607659.21	779.525	0.	29.	369.75	1189.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	28	1.763	1.694	3.59	0.	1.138	1.067	0.	1.462	2.568	3.074
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			49.474								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1996 - Station GATE0090

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/26/96	26	21.7	21.846	24.3	16.4	4.131	2.032	19.15	20.75	23.625	24.03
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/28/92-08/26/96	13	22.	22.577	26.	20.	3.077	1.754	20.2	21.5	24.	25.6
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-08/26/96	26	34250.	33961.538	35500.	30600.	1907261.538	1381.036	31780.	33150.	35100.	35430.
00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/26/96	26	8.2	7.342	10.4	3.5	4.039	2.01	4.01	5.8	8.85	9.19
00406	PH, FIELD, STANDARD UNITS SU	05/30/89-08/26/96	26	7.64	7.682	8.18	7.19	0.06	0.245	7.38	7.47	7.853	8.036
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/30/89-08/26/96	26	7.64	7.619	8.18	7.19	0.064	0.253	7.38	7.47	7.852	8.036

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

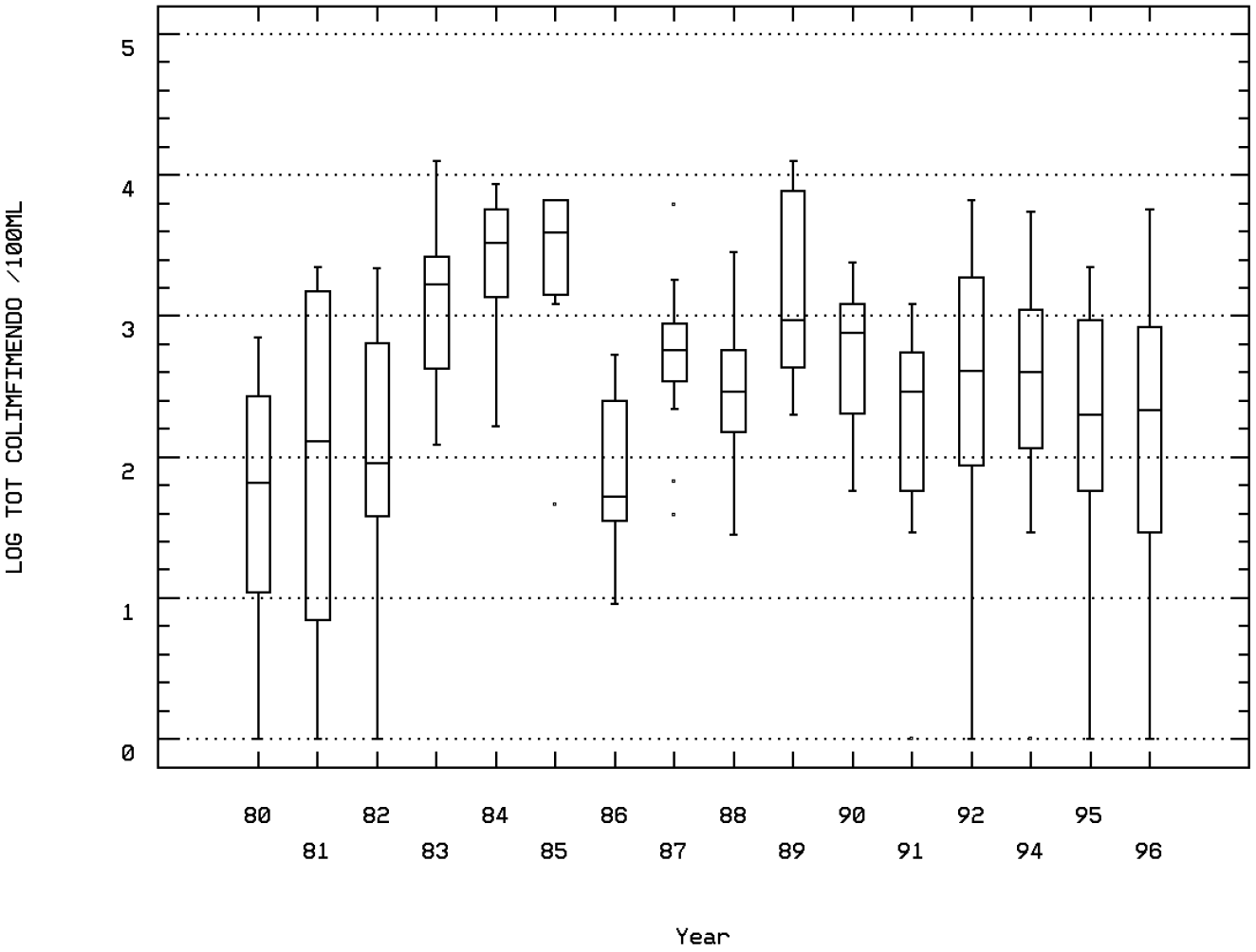
Annual Analysis for 1996 - Station GATE0090

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/89-08/26/96	26	0.023	0.024	0.065	0.007	0.	0.013	0.009	0.014	0.034	0.042
00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/26/96	26	21.6	21.415	22.5	19.	0.943	0.971	19.94	20.875	22.225	22.43
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/26/80-08/26/96	26	217.5	826.5	5683.	0.	1933671.22	1390.565	0.	29.	884.5	2936.9
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/26/80-08/26/96	26	2.336	2.117	3.755	0.	1.171	1.082	0.	1.462	2.945	3.465
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			130.985								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	26	0.	285.808	4925.	0.	1063891.762	1031.451	0.	0.	7.25	751.8
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	26	0.	0.563	3.692	0.	1.255	1.12	0.	0.	0.366	2.565
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.657								

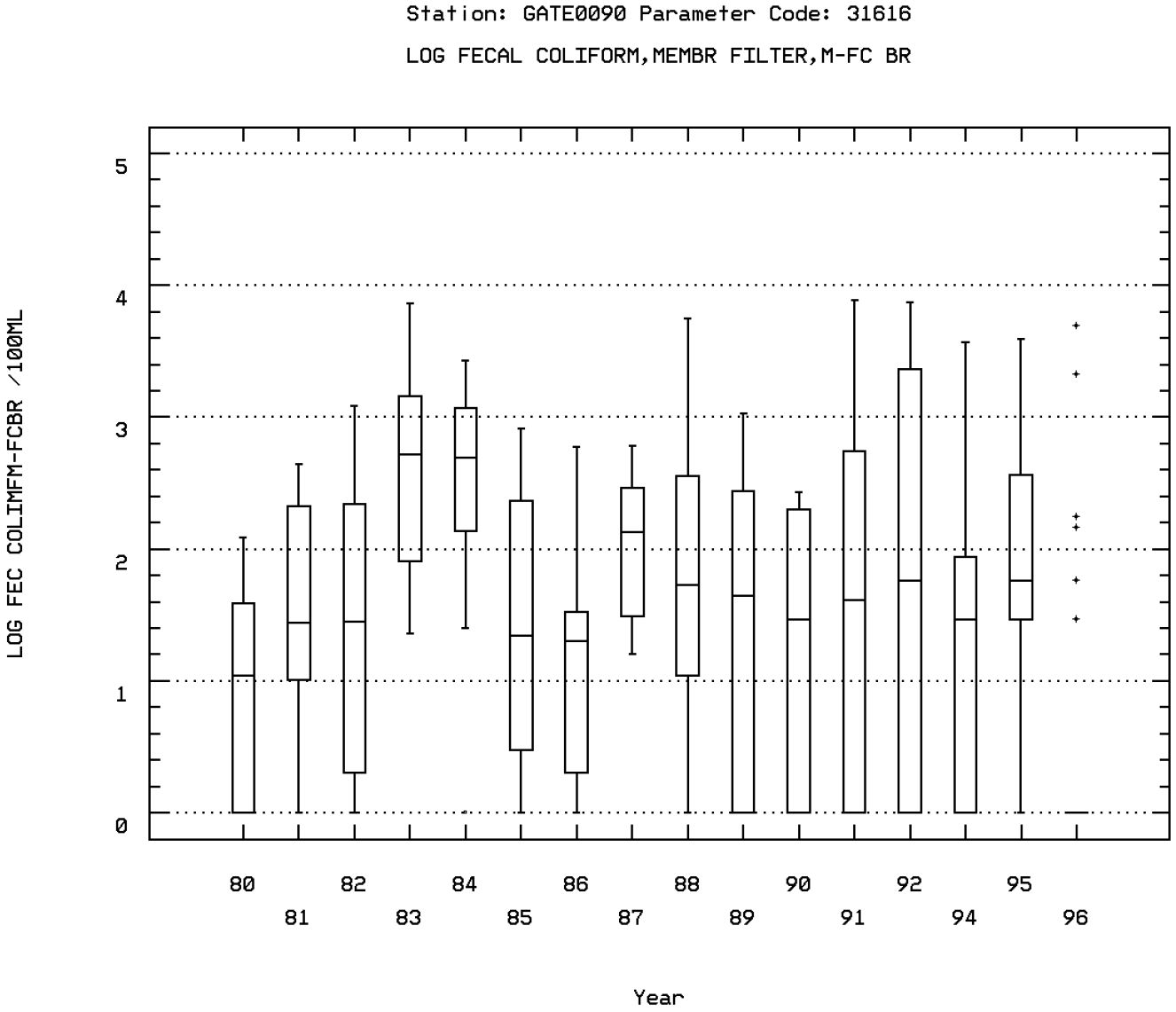
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: GATE0090 Parameter Code: 31501

LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.



Canarsie Pier



Canarsie Pier

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0090

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/26/96	63	23.2	22.576	26.1	15.	7.435	2.727	17.28	21.8	24.1	25.06
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-08/26/96	60	36050.	34860.	42800.	18500.	24077016.949	4906.834	27200.	32250.	38200.	40080.
00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/26/96	60	7.	6.457	10.5	1.8	4.957	2.226	3.32	4.6	8.275	8.89
00406	PH, FIELD, STANDARD UNITS SU	05/30/89-08/26/96	53	7.8	7.788	8.4	5.3	0.204	0.452	7.428	7.6	8.025	8.258
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/30/89-08/26/96	53	7.8	6.95	8.4	5.3	0.92	0.959	7.428	7.6	8.025	8.258
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/89-08/26/96	53	0.016	0.112	5.012	0.004	0.471	0.686	0.006	0.009	0.025	0.037
00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/26/96	64	25.1	24.252	29.5	16.2	8.957	2.993	19.7	22.15	26.575	27.25
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/26/80-08/26/96	85	348.	1006.047	12700.	0.	4036444.164	2009.09	0.	29.	1039.	2174.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/26/80-08/26/96	85	2.542	2.157	4.104	0.	1.36	1.166	0.	1.462	3.016	3.335
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			143.556								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/15/77-08/30/83	14	5800.	16348.143	57800.	340.	364974023.67	19104.293	970.	2850.	28800.5	52400.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/15/77-08/30/83	14	3.762	3.866	4.762	2.531	0.404	0.636	2.868	3.453	4.451	4.717
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			7341.189								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/21/77-08/30/83	14	820.	2936.429	16000.	0.	21838284.571	4673.145	50.	276.75	3712.25	13150.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/21/77-08/30/83	14	2.887	2.851	4.204	0.	1.068	1.033	1.	2.442	3.564	4.108
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			710.2								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	90	29.	526.933	7424.	0.	2191410.445	1480.341	0.	0.	268.5	1067.7
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	90	1.462	1.452	3.871	0.	1.45	1.204	0.	0.	2.429	3.028
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			28.29								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	09/08/83-08/12/96	21	2.21	5.401	30.86	0.	57.828	7.604	0.146	0.38	7.985	16.648

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0090

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/26/96	12	11.75	9.45	13.5	2.3	21.412	4.627	2.48	3.55	13.	13.38
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-08/26/96	12	25950.	25733.333	33100.	20200.	11416969.697	3378.901	20800.	23325.	27750.	31540.
00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/26/96	11	6.6	7.527	15.8	4.4	14.736	3.839	4.42	4.5	7.1	15.46
00406	PH, FIELD, STANDARD UNITS SU	05/30/89-08/26/96	12	7.55	7.667	8.6	7.2	0.179	0.423	7.26	7.4	7.775	8.54
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/30/89-08/26/96	12	7.547	7.539	8.6	7.2	0.196	0.443	7.26	7.4	7.775	8.54
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/89-08/26/96	12	0.028	0.029	0.063	0.003	0.	0.017	0.003	0.017	0.04	0.056
00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/26/96	12	24.	24.167	32.4	18.7	10.659	3.265	19.45	22.575	25.325	30.51
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/26/80-08/26/96	12	116.	174.	377.	0.	20184.	142.07	8.7	58.	340.75	377.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/26/80-08/26/96	12	2.064	1.968	2.576	0.	0.516	0.718	0.439	1.763	2.532	2.576
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			92.99								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	12	0.	26.583	232.	0.	4504.447	67.115	0.	0.	21.75	179.8
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	12	0.	0.466	2.365	0.	0.749	0.865	0.	0.	1.097	2.185
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.924								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	09/08/83-08/12/96	11	2.18	4.556	20.14	0.03	37.456	6.12	0.03	0.85	4.56	18.408

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0090

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/26/96	131	21.7	21.017	26.6	10.1	10.744	3.278	16.4	19.1	23.3	24.88
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-08/26/96	128	36050.	35460.156	41400.	13100.	21679423.597	4656.117	30800.	34400.	38650.	39800.
00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/26/96	114	7.05	6.777	12.9	2.2	4.273	2.067	3.75	5.4	8.3	9.15
00406	PH, FIELD, STANDARD UNITS SU	05/30/89-08/26/96	114	7.94	7.897	8.8	4.8	0.365	0.604	7.39	7.64	8.225	8.6
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/30/89-08/26/96	114	7.94	6.526	8.8	4.8	2.262	1.504	7.39	7.64	8.225	8.6
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/89-08/26/96	114	0.011	0.298	15.849	0.002	4.358	2.088	0.003	0.006	0.023	0.041
00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/26/96	134	24.	23.816	31.2	9.9	10.108	3.179	20.85	22.2	25.9	27.4
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/26/80-08/26/96	179	420.	1257.922	12474.	0.	3899085.904	1974.61	33.	106.	1500.	3450.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/26/80-08/26/96	179	2.623	2.566	4.096	0.	0.667	0.817	1.519	2.025	3.176	3.538

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0090

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			367.994								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/15/77-08/30/83	32	1650.	10239.563	67200.	0.	250090382.577	15814.246	131.2	616.75	18050.	34040.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/15/77-08/30/83	32	3.207	3.234	4.827	0.	1.358	1.165	2.118	2.79	4.255	4.524
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1713.891								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/21/77-08/30/83	20	1310.	2190.7	9200.	0.	6396266.326	2529.084	103.	217.75	3383.25	6536.7
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/21/77-08/30/83	20	3.097	2.865	3.964	0.	0.847	0.92	2.011	2.338	3.529	3.814
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			732.983								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	185	43.	450.373	7656.	0.	1496527.996	1223.327	0.	2.	226.	1164.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	185	1.633	1.554	3.884	0.	1.263	1.124	0.	0.301	2.354	3.066
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			35.85								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	09/08/83-08/12/96	30	4.08	6.479	44.93	0.	81.267	9.015	0.	1.363	8.948	15.168

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0091

NPS Station ID: GATE0091
LAT/LON: 40.572504/ -73.883059
Agency: 11NYCOR
Date Created: 09/08/79
Location: ROCKAWAY INLET CHNL EAST OF MARINE PKWY BRIDGE
FIPS State/County: 36081 NEW YORK/QUEENS
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): NYCOR75
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02030202
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METRO AREA
ECO Region:
RF1 Index: 02030202029
RF1 Mile Point: 0.150
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02030202002709.04
RF3 Mile Point: 12.51
Distance from RF3: 0.30
On/Off RF3:
Description:
NEW YORK CORPS OF ENGINEERS DREDGING STUDIES

Parameter Inventory for Station: GATE0091

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	05/15/75-05/15/75	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/15/75-05/15/75	1	1.06	1.06	1.06	1.06	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/15/75-05/15/75	1	3.1	3.1	3.1	3.1	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	05/15/75-05/15/75	1	3.2	3.2	3.2	3.2	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	05/15/75-05/15/75	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/15/75-05/15/75	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	05/15/75-05/15/75	1	90.	90.	90.	90.	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	05/15/75-05/15/75	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GATE0092

NPS Station ID: GATE0092
LAT/LON: 40.626670/ -73.883337
Agency: REGII208
Date Created: 05/25/78
Location: JAMAICA BAY
FIPS State/County: 36047 NEW YORK/KINGS
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): NYC001J3 /J3
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02030202
Depth of Water: 30
Aquifer:
Major Basin: 400 YDS OFF CANARSIE
Elevation: 0
Water Body Id:
Minor Basin: PIER BTWN RED NUN 18&PIER
ECO Region:
RF1 Index: 02030202028
RF1 Mile Point: 29.070
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02030202002900.00
RF3 Mile Point: 5.79
Distance from RF3: 0.14
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0092

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/15/76-07/18/77	4	13.5	13.525	25.	2.1	172.529	13.135	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	12/15/76-07/18/77	4	8.45	8.475	11.9	5.1	12.389	3.52	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	12/15/76-07/18/77	2	2.95	2.95	3.5	2.4	0.605	0.778	**	**	**	**
00400	PH (STANDARD UNITS)	12/15/76-12/15/76	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/15/76-12/15/76	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/15/76-12/15/76	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	12/15/76-07/18/77	2	8.5	8.5	10.	7.	4.5	2.121	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/15/76-07/18/77	2	0.482	0.482	0.67	0.293	0.071	0.267	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/15/76-07/18/77	2	0.039	0.039	0.042	0.035	0.	0.005	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/15/76-07/18/77	2	0.118	0.118	0.17	0.065	0.006	0.074	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/15/76-07/18/77	2	1.125	1.125	1.25	1.	0.031	0.177	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/15/76-07/18/77	2	0.205	0.205	0.23	0.18	0.001	0.035	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	12/15/76-07/18/77	4	15650.	15550.	15800.	15100.	96666.667	310.913	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	12/15/76-12/15/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	12/15/76-12/15/76	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	12/15/76-12/15/76	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	12/15/76-12/15/76	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	12/15/76-12/15/76	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	12/15/76-12/15/76	1	13.	13.	13.	13.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	12/15/76-07/18/77	2	2845.	2845.	4900.	790.	8446050.	2906.209	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	12/15/76-07/18/77	2	3.294	3.294	3.69	2.898	0.314	0.56	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1967.486								
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/15/76-07/18/77	2	5.	5.	5.	5.	0.	0.	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/15/76-07/18/77	2	0.699	0.699	0.699	0.699	0.	0.	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			5.								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/15/76-07/18/77	2	5.	5.	5.	5.	0.	0.	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/15/76-07/18/77	2	0.699	0.699	0.699	0.699	0.	0.	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			5.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/15/76-07/18/77	2	300.	300.	490.	110.	72200.	268.701	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/15/76-07/18/77	2	2.366	2.366	2.69	2.041	0.21	0.459	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			232.164								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	12/15/76-07/18/77	2	0.098	0.098	0.114	0.081	0.001	0.023	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	12/15/76-12/15/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0092

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00				2	0	0.00	2	0	0.00			
00400	PH	Other-Hi Lim.	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
01027	CADMIUM, TOTAL	Marine Acute	43.	1	0	0.00				1	0	0.00						
01042	COPPER, TOTAL	Marine Acute	2.9	1	1	1.00				1	1	1.00						
01051	LEAD, TOTAL	Marine Acute	220.	1	0	0.00				1	0	0.00						
01067	NICKEL, TOTAL	Marine Acute	75.	1	0	0.00				1	0	0.00						
01092	ZINC, TOTAL	Marine Acute	95.	1	0	0.00				1	0	0.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	1	0.50				1	1	1.00	1	0	0.00			
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	2	0	0.00				1	0	0.00	1	0	0.00			
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	2	0	0.00				1	0	0.00	1	0	0.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	2	1	0.50				1	1	1.00	1	0	0.00			
71900	MERCURY, TOTAL	Marine Acute	2.1	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0093

NPS Station ID: GATE0093
LAT/LON: 40.626948/ -73.883337
Agency: 31ISC2RS
Date Created: 11/07/81
Location: JAMAICA BAY
FIPS State/County: 36047 NEW YORK/KINGS
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): JB-03 /JB03 /1003
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02030202
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METROPOLITAN AREA
ECO Region:
RF1 Index: 02030202028
RF1 Mile Point: 29.070
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02030202002900.00
RF3 Mile Point: 8.72
Distance from RF3: 0.13
On/Off RF3:
Description:
AICA BAY IN CHANNEL 400 FEET SOUTH OF END OF CANARSIE PIER

Parameter Inventory for Station: GATE0093

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-08/11/86	96	19.85	16.789	28.	0.	65.556	8.097	3.74	10.2	23.75	25.29
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-08/11/86	85	2.	2.424	5.	1.	0.89	0.943	1.	2.	3.	4.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-08/11/86	89	41000.	40391.011	50000.	23000.	25469463.739	5046.728	34000.	37650.	43000.	47000.
00300	OXYGEN, DISSOLVED MG/L	07/30/74-08/11/86	98	8.	8.81	15.8	4.2	8.35	2.89	5.69	6.6	10.65	14.
00310	BOD, 5 DAY, 20 DEG C MG/L	07/30/74-02/22/82	50	3.8	4.274	8.8	0.5	3.736	1.933	2.13	2.875	5.425	7.62
00400	PH (STANDARD UNITS)	02/19/75-05/26/82	64	7.65	7.759	9.3	7.2	0.141	0.376	7.4	7.5	7.9	8.35
00400	CONVERTED PH (STANDARD UNITS)	02/19/75-05/26/82	64	7.647	7.646	9.3	7.2	0.154	0.393	7.4	7.5	7.9	8.35
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/19/75-05/26/82	64	0.023	0.023	0.063	0.001	0.	0.014	0.004	0.013	0.032	0.04
00560	OIL & GREASE (FREON EXTR.-IR METHOD) TOT,REC,MG/L	08/13/75-03/10/86	21	0.1	0.281	1.6	0.	0.14	0.374	0.02	0.1	0.35	0.84
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/13/74-09/06/83	38	0.455	0.548	1.65	0.05	0.146	0.382	0.137	0.228	0.735	1.019
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/13/74-10/08/75	10	0.09	0.092	0.14	0.05	0.001	0.032	0.051	0.06	0.118	0.14
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/13/74-10/08/75	10	0.575	0.651	1.	0.32	0.06	0.245	0.325	0.498	0.945	0.999
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/18/76-09/06/83	10	0.995	1.017	1.72	0.39	0.165	0.407	0.42	0.712	1.293	1.696
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/18/76-03/02/83	27	0.21	0.272	0.78	0.07	0.031	0.176	0.108	0.15	0.38	0.52
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/29/76-09/06/83	26	0.16	0.147	0.28	0.04	0.003	0.056	0.067	0.098	0.183	0.21
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/13/74-09/06/83	36	0.09	0.087	0.2	0.005	0.004	0.06	0.009	0.025	0.138	0.166
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	84	10.	10.964	24.	2.	22.975	4.793	6.	7.25	14.	19.5
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	89	32.	32.753	48.	20.	13.438	3.666	29.	31.	34.5	37.
00940	CHLORIDE,TOTAL IN WATER MG/L	07/30/74-04/09/75	12	14300.	14441.667	15800.	13100.	740833.333	860.717	13250.	13900.	15350.	15770.
01000	ARSENIC, DISSOLVED (UG/L AS AS)	02/18/76-05/09/79	2	##	5.	5.	5.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	02/18/76-08/11/86	13	##	2.	2.077	5.	1.	1.91	1.382	1.	1.	2.	5.
01025	CADMIUM, DISSOLVED (UG/L AS CD)	02/18/76-02/22/82	17	##	0.25	0.347	1.	0.25	0.055	0.235	0.25	0.25	0.25	0.92
01027	CADMIUM, TOTAL (UG/L AS CD)	08/13/74-08/11/86	35		0.5	1.304	6.	0.25	2.591	1.61	0.25	0.25	2.	4.
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	02/18/76-02/22/82	18	##	2.5	2.194	7.	0.5	2.181	1.477	0.5	0.875	2.5	2.95
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/13/74-08/11/86	35	##	2.5	3.529	20.	0.5	14.882	3.858	0.5	2.	3.	7.
01035	COBALT, DISSOLVED (UG/L AS CO)	02/18/76-02/22/82	12	##	0.5	1.208	5.	0.5	2.066	1.437	0.5	0.5	1.625	4.4
01037	COBALT, TOTAL (UG/L AS CO)	12/18/74-03/02/83	19	##	0.5	2.	5.	0.5	3.417	1.848	0.5	0.5	3.	5.
01040	COPPER, DISSOLVED (UG/L AS CU)	02/18/76-02/22/82	18		15.5	16.694	44.	0.5	89.975	9.485	5.45	11.25	21.	30.5
01042	COPPER, TOTAL (UG/L AS CU)	08/13/74-08/11/86	35		27.	26.343	66.	3.	251.644	15.863	6.2	15.	32.	50.2
01045	IRON, TOTAL (UG/L AS FE)	12/18/74-08/11/86	23		104.	131.304	293.	28.	5563.676	74.59	46.2	83.	180.	259.2
01046	IRON, DISSOLVED (UG/L AS FE)	02/18/76-02/22/82	12		23.	28.25	115.	4.	944.932	30.74	4.3	6.	35.75	94.
01049	LEAD, DISSOLVED (UG/L AS PB)	02/18/76-02/22/82	18	##	2.5	4.167	10.	2.5	5.882	2.425	2.5	2.5	5.	10.
01051	LEAD, TOTAL (UG/L AS PB)	08/13/74-08/11/86	34		10.5	13.221	40.	2.5	88.306	9.397	3.75	5.	20.	27.5
01065	NICKEL, DISSOLVED (UG/L AS NI)	02/18/76-02/22/82	17		5.	5.176	10.	2.5	7.561	2.75	2.5	2.5	6.5	10.
01067	NICKEL, TOTAL (UG/L AS NI)	08/13/74-08/11/86	36		5.5	9.861	40.	2.5	88.88	9.428	2.5	5.	11.	30.6
01075	SILVER, DISSOLVED (UG/L AS AG)	02/18/76-02/22/82	12	##	0.5	0.667	1.	0.5	0.061	0.246	0.5	0.5	1.	1.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GATE0093

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01077	SILVER, TOTAL (UG/L AS AG)	12/18/74-08/11/86	24	1.	2.688	24.	0.5	22.844	4.78	0.5	0.5	3.	5.
01090	ZINC, DISSOLVED (UG/L AS ZN)	02/18/76-02/22/82	13	27.	41.077	92.	11.	831.077	28.828	12.6	19.	72.5	88.4
01092	ZINC, TOTAL (UG/L AS ZN)	08/13/74-08/11/86	35	49.	60.143	200.	0.5	2563.229	50.628	8.4	22.	90.	132.4
01100	TIN, DISSOLVED (UG/L AS SN)	02/18/76-07/08/81	10 ##	25.	25.	25.	25.	0.	0.	25.	25.	25.	25.
01102	TIN, TOTAL (UG/L AS SN)	02/18/76-03/02/83	13 ##	25.	25.	25.	25.	0.	0.	25.	25.	25.	25.
01105	ALUMINUM, TOTAL (UG/L AS AL)	07/09/75-03/02/83	15	50.	55.467	160.	20.	1407.552	37.517	20.	23.	78.	118.
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	02/18/76-02/22/82	12	21.5	27.667	80.	5.	594.97	24.392	6.5	10.	37.5	77.
31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	06/08/77-09/09/82	18	1545.	9803.	80000.	5.	391554903.765	19787.746	45.5	312.5	8000.	38600.
31504	LOG COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,	06/08/77-09/09/82	18	3.159	3.15	4.903	0.699	1.153	1.074	1.599	2.483	3.87	4.569
31504	GM COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,3	GEOMETRIC MEAN =			1411.01								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/02/83-08/11/86	10	2950.	6349.	24000.	490.	61331343.333	7831.433	511.	1150.	10900.	23200.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/02/83-08/11/86	10	3.462	3.505	4.38	2.69	0.306	0.553	2.706	3.047	4.024	4.363
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			3195.888								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	08/13/74-09/09/82	41	250.	1322.61	22000.	10.	13542582.194	3680.025	20.	55.	900.	2360.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	08/13/74-09/09/82	41	2.398	2.356	4.342	1.	0.656	0.81	1.301	1.739	2.943	3.373
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			227.168								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/02/83-08/11/86	10	945.	1789.	9200.	110.	7445076.667	2728.567	112.	280.	2250.	8520.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/02/83-08/11/86	10	2.97	2.893	3.964	2.041	0.363	0.603	2.049	2.417	3.352	3.905
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			781.943								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/27/74-08/11/86	43	19.	67.442	1460.	0.	48437.205	220.085	1.4	10.	67.	98.8
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	09/24/74-08/11/86	42	2.	3.905	21.	0.	29.942	5.472	0.	0.	5.25	13.4
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	09/24/74-08/11/86	42	12.5	24.	172.	0.	1093.122	33.062	0.	4.5	36.5	60.9
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	08/27/75-09/17/81	8	1.	2.75	11.	0.5	12.714	3.566	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	08/13/74-08/11/86	32	0.1	0.184	1.8	0.05	0.096	0.31	0.05	0.05	0.2	0.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0093

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	85	0	0.00	28	0	0.00	24	0	0.00	33	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	98	0	0.00	35	0	0.00	26	0	0.00	37	0	0.00			
00400	PH	Other-Hi Lim.	8.5	64	4	0.06	19	0	0.00	16	3	0.19	29	1	0.03			
		Other-Lo Lim.	6.5	64	0	0.00	19	0	0.00	16	0	0.00	29	0	0.00			
01000	ARSENIC, DISSOLVED	Marine Acute	69.	2	0	0.00				1	0	0.00	1	0	0.00			
01002	ARSENIC, TOTAL	Marine Acute	69.	13	0	0.00	3	0	0.00	8	0	0.00	2	0	0.00			
01025	CADMIUM, DISSOLVED	Marine Acute	43.	17	0	0.00	3	0	0.00	7	0	0.00	7	0	0.00			
01027	CADMIUM, TOTAL	Marine Acute	43.	35	0	0.00	10	0	0.00	14	0	0.00	11	0	0.00			
01040	COPPER, DISSOLVED	Marine Acute	2.9	18	17	0.94	3	3	1.00	7	7	1.00	8	7	0.88			
01042	COPPER, TOTAL	Marine Acute	2.9	35	35	1.00	11	11	1.00	13	13	1.00	11	11	1.00			
01049	LEAD, DISSOLVED	Marine Acute	220.	18	0	0.00	3	0	0.00	7	0	0.00	8	0	0.00			
01051	LEAD, TOTAL	Marine Acute	220.	34	0	0.00	10	0	0.00	13	0	0.00	11	0	0.00			
01065	NICKEL, DISSOLVED	Marine Acute	75.	17	0	0.00	3	0	0.00	6	0	0.00	8	0	0.00			
01067	NICKEL, TOTAL	Marine Acute	75.	36	0	0.00	11	0	0.00	14	0	0.00	11	0	0.00			
01075	SILVER, DISSOLVED	Marine Acute	0.12	4 &	4	1.00				3	3	1.00	1	1	1.00			
01077	SILVER, TOTAL	Marine Acute	0.12	17 &	17	1.00	5	5	1.00	9	9	1.00	3	3	1.00			
01090	ZINC, DISSOLVED	Marine Acute	95.	13	0	0.00	2	0	0.00	5	0	0.00	6	0	0.00			
01092	ZINC, TOTAL	Marine Acute	95.	35	6	0.17	11	1	0.09	13	3	0.23	11	2	0.18			
31504	COLIFORM,TOT,MEMBRANE FILTR,IMMED. LES-E	Other-Hi Lim.	1000.	18	9	0.50	8	4	0.50	2	2	1.00	8	3	0.38			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	10	8	0.80	3	2	0.67	4	4	1.00	3	2	0.67			
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	41	22	0.54	18	7	0.39	6	5	0.83	17	10	0.59			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	10	8	0.80	3	3	1.00	4	4	1.00	3	1	0.33			
71900	MERCURY, TOTAL	Marine Acute	2.1	32	0	0.00	11	0	0.00	14	0	0.00	7	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1974 - Station GATE0093

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-08/11/86	8	16.95	16.6	24.8	5.5	46.603	6.827	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-08/11/86	3	42000.	43000.	45000.	42000.	3000000.	1732.051	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/30/74-08/11/86	8	7.45	7.888	10.5	5.4	3.841	1.96	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	7	10.	13.429	24.	9.	34.286	5.855	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	8	39.	39.	48.	33.	21.714	4.66	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GATE0093

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-08/11/86	14	18.85	16.75	26.4	3.6	75.766	8.704	3.7	6.675	25.15	26.1
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-08/11/86	14	2.	2.857	5.	2.	1.363	1.167	2.	2.	4.	5.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-08/11/86	14	37900.	37914.286	42000.	33000.	7456703.297	2730.696	33500.	36000.	40250.	42000.
00300	OXYGEN, DISSOLVED MG/L	07/30/74-08/11/86	14	8.2	8.7	14.2	5.4	8.092	2.845	5.7	6.45	10.575	13.6
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	10	12.	11.6	15.	7.	5.822	2.413	7.2	9.75	13.25	14.9
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	13	34.	33.923	37.	32.	1.91	1.382	32.	33.	35.	36.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station GATE0093

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-08/11/86	9	21.	19.111	24.5	7.3	36.821	6.068	7.3	14.5	23.85	24.5
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-08/11/86	8	3.	2.75	4.	2.	0.5	0.707	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-08/11/86	8	38250.	39462.5	45000.	36000.	9054107.143	3009.004	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/30/74-08/11/86	9	7.6	8.156	14.6	4.6	9.098	3.016	4.6	6.4	9.8	14.6
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	8	9.	9.5	15.	7.	8.286	2.878	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	8	34.	34.5	38.	32.	5.429	2.33	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GATE0093

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-08/11/86	10	17.65	16.9	25.2	4.8	40.604	6.372	5.4	12.15	22.1	24.92
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-08/11/86	11	3.	2.545	3.	2.	0.273	0.522	2.	2.	3.	3.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-08/11/86	10	43000.	41700.	44000.	37000.	7566666.667	2750.757	37050.	38625.	43625.	44000.
00300	OXYGEN, DISSOLVED MG/L	07/30/74-08/11/86	11	7.4	8.173	14.6	5.6	6.988	2.644	5.7	6.8	8.6	14.
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	8	7.5	7.	8.	4.	2.	1.414	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	10	31.	31.1	33.	29.	1.433	1.197	29.1	30.	32.	32.9

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GATE0093

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-08/11/86	11	21.8	17.655	28.	0.	69.333	8.327	1.76	12.8	23.8	27.34
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-08/11/86	10	2.	2.3	5.	1.	1.122	1.059	1.1	2.	2.25	4.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-08/11/86	11	41000.	39209.091	44000.	32500.	17600909.091	4195.344	32800.	34000.	42000.	43800.
00300	OXYGEN, DISSOLVED MG/L	07/30/74-08/11/86	11	8.2	9.127	15.6	6.2	8.858	2.976	6.28	7.2	10.4	15.16

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GATE0093

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	10	8.	8.	13.	6.	5.111	2.261	6.	6.	9.25	12.7
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	10	29.5	29.8	33.	28.	2.844	1.687	28.	28.	31.	32.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station GATE0093

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-08/11/86	10	17.	15.9	25.5	1.	69.933	8.363	1.7	9.5	24.75	25.5
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-08/11/86	10	3.	2.9	5.	2.	0.767	0.876	2.	2.	3.	4.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-08/11/86	9	43000.	42555.556	47000.	38000.	10777777.778	3282.953	38000.	40000.	46000.	47000.
00300	OXYGEN, DISSOLVED MG/L	07/30/74-08/11/86	10	9.	8.9	13.	4.8	6.358	2.521	4.96	7.	11.3	12.86
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	9	9.	10.	15.	4.	12.5	3.536	4.	7.5	13.	15.
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	9	31.	32.444	38.	28.	15.028	3.877	28.	28.5	36.	38.

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Annual Analysis for 1980 - Station GATE0093

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-08/11/86	8	17.5	13.75	25.	0.	114.143	10.684	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-08/11/86	8	2.	2.	3.	1.	0.286	0.535	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-08/11/86	7	43000.	41857.143	48500.	29000.	37559523.81	6128.583	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/30/74-08/11/86	8	8.5	9.388	14.2	7.4	5.63	2.373	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	7	11.	10.143	16.	6.	15.81	3.976	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	6	30.5	31.833	38.	30.	9.767	3.125	**	**	**	**

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Annual Analysis for 1981 - Station GATE0093

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-08/11/86	10	20.	15.89	25.	1.	77.31	8.793	1.1	8.	22.625	24.8
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-08/11/86	10	2.	2.	4.	1.	0.889	0.943	1.	1.	2.25	3.9
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-08/11/86	10	48500.	46500.	50000.	39000.	19111111.111	4371.626	39050.	42125.	50000.	50000.
00300	OXYGEN, DISSOLVED MG/L	07/30/74-08/11/86	10	6.9	7.59	12.2	5.4	5.71	2.39	5.42	5.675	9.075	12.09
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	10	20.	19.1	21.	16.	2.544	1.595	16.1	17.75	20.	20.9
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	10	32.5	32.4	34.	30.	2.711	1.647	30.	30.75	34.	34.

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Annual Analysis for 1982 - Station GATE0093

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-08/11/86	5	15.2	13.3	24.	3.1	73.66	8.583	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-08/11/86	5	1.	1.2	2.	1.	0.2	0.447	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-08/11/86	5	42000.	40600.	45500.	32000.	25675000.	5067.05	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/30/74-08/11/86	5	8.4	10.4	15.8	7.	14.06	3.75	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	5	10.	12.4	20.	5.	40.3	6.348	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	5	32.	32.4	37.	29.	10.3	3.209	**	**	**	**

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Annual Analysis for 1983 - Station GATE0093

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-08/11/86	5	26.	22.2	26.5	7.	72.575	8.519	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-08/11/86	4	2.5	2.75	4.	2.	0.917	0.957	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-08/11/86	4	40000.	40000.	42000.	38000.	2666666.667	1632.993	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/30/74-08/11/86	4	9.1	8.675	11.2	5.3	8.982	2.997	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	4	9.5	8.25	12.	2.	20.25	4.5	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	4	31.5	29.25	34.	20.	39.583	6.292	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GATE0093

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-08/11/86	2	13.5	13.5	23.	4.	180.5	13.435	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-08/11/86	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-08/11/86	2	36500.	36500.	40000.	33000.	24500000.	4949.747	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/30/74-08/11/86	2	11.5	11.5	14.	9.	12.5	3.536	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	2	12.	12.	14.	10.	8.	2.828	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	2	34.	34.	35.	33.	2.	1.414	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GATE0093

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-08/11/86	2	13.5	13.5	22.	5.	144.5	12.021	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-08/11/86	2	2.	2.	2.	2.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-08/11/86	2	37500.	37500.	38000.	37000.	500000.	707.107	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/30/74-08/11/86	2	12.95	12.95	15.5	10.4	13.005	3.606	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	2	6.5	6.5	10.	3.	24.5	4.95	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	2	29.	29.	32.	26.	18.	4.243	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GATE0093

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-08/11/86	2	24.9	24.9	25.	24.8	0.02	0.141	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-08/11/86	2	2.	2.	3.	1.	2.	1.414	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-08/11/86	4	30000.	29750.	36000.	23000.	44916666.667	6701.99	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/30/74-08/11/86	4	10.	9.8	15.	4.2	30.16	5.492	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	2	7.5	7.5	8.	7.	0.5	0.707	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	2	32.5	32.5	33.	32.	0.5	0.707	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0093

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-08/11/86	34	23.65	22.459	28.	14.	11.826	3.439	18.	20.	25.	26.15
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-08/11/86	28	2.	2.143	3.	1.	0.497	0.705	1.	2.	3.	3.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-08/11/86	28	42000.	41467.857	50000.	25000.	19014854.497	4360.603	37520.	40000.	43375.	45200.
00300	OXYGEN, DISSOLVED MG/L	07/30/74-08/11/86	35	6.6	7.009	11.2	4.2	2.473	1.573	5.4	6.	7.6	9.2
00310	BOD, 5 DAY, 20 DEG C MG/L	07/30/74-02/22/82	15	2.9	3.593	8.6	1.1	3.519	1.876	1.64	2.5	4.2	7.4
00400	PH (STANDARD UNITS)	02/19/75-05/26/82	19	7.6	7.568	7.9	7.2	0.035	0.186	7.3	7.5	7.6	7.9
00400	CONVERTED PH (STANDARD UNITS)	02/19/75-05/26/82	19	7.6	7.532	7.9	7.2	0.036	0.19	7.3	7.5	7.6	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/19/75-05/26/82	19	0.025	0.029	0.063	0.013	0.	0.013	0.013	0.025	0.032	0.05
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/13/74-09/06/83	14	0.69	0.686	1.65	0.14	0.168	0.409	0.18	0.358	0.948	1.375
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/13/74-09/06/83	13	0.12	0.121	0.2	0.07	0.001	0.038	0.07	0.09	0.145	0.184
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	33	8.	10.697	24.	2.	29.78	5.457	6.	7.	14.5	20.
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	32	33.	33.656	48.	20.	24.814	4.981	29.3	31.	37.	40.7
01027	CADMIUM, TOTAL (UG/L AS CD)	08/13/74-08/11/86	10	1.5	1.965	6.	0.25	3.598	1.897	0.25	0.25	3.25	5.8
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/13/74-08/11/86	11 ##	2.5	4.182	20.	0.5	29.164	5.4	0.8	2.5	2.5	17.2
01037	COBALT, TOTAL (UG/L AS CO)	12/18/74-03/02/83	5	3.	3.1	5.	0.5	3.8	1.949	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/13/74-08/11/86	11	23.	28.273	66.	5.	386.218	19.652	6.	11.	46.	63.8
01051	LEAD, TOTAL (UG/L AS PB)	08/13/74-08/11/86	10	9.	15.4	40.	5.	159.378	12.624	5.	5.	26.25	39.
01067	NICKEL, TOTAL (UG/L AS NI)	08/13/74-08/11/86	11	11.	15.5	40.	2.5	159.15	12.615	3.	5.	30.	38.4
01092	ZINC, TOTAL (UG/L AS ZN)	08/13/74-08/11/86	11	50.	62.955	200.	0.5	2945.623	54.274	4.4	26.	90.	178.8
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	08/13/74-09/09/82	18	104.5	1822.111	22000.	10.	27336743.634	5228.455	19.	50.	620.	7510.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	08/13/74-09/09/82	18	2.019	2.282	4.342	1.	0.754	0.868	1.271	1.699	2.757	3.828
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			191.278								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/27/74-08/11/86	14	19.	128.857	1460.	1.	147439.209	383.978	5.5	12.25	40.75	778.5
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	09/24/74-08/11/86	13	2.	4.077	21.	0.	35.077	5.923	0.	0.	6.5	16.2
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	09/24/74-08/11/86	13	9.	23.462	172.	0.	2114.936	45.988	0.	2.5	20.	119.2
71900	MERCURY, TOTAL (UG/L AS HG)	08/13/74-08/11/86	11	0.1	0.277	1.8	0.05	0.259	0.509	0.05	0.05	0.2	1.48

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0093

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-08/11/86	25	5.	5.68	14.5	0.	16.411	4.051	0.6	2.55	9.	11.8
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-08/11/86	24	2.5	2.833	5.	1.	1.623	1.274	1.	2.	4.	5.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-08/11/86	25	39000.	38540.	50000.	23000.	32373333.333	5689.757	30800.	36000.	42000.	45800.
00300	OXYGEN, DISSOLVED MG/L	07/30/74-08/11/86	26	11.6	11.846	15.8	7.2	6.892	2.625	7.6	9.75	14.2	15.53
00310	BOD, 5 DAY, 20 DEG C MG/L	07/30/74-02/22/82	15	4.	4.713	8.7	0.5	5.114	2.261	1.46	3.3	5.8	8.22
00400	PH (STANDARD UNITS)	02/19/75-05/26/82	16	7.9	7.95	8.6	7.2	0.189	0.435	7.41	7.525	8.4	8.53
00400	CONVERTED PH (STANDARD UNITS)	02/19/75-05/26/82	16	7.9	7.764	8.6	7.2	0.226	0.476	7.41	7.525	8.4	8.53
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/19/75-05/26/82	16	0.013	0.017	0.063	0.003	0.	0.016	0.003	0.004	0.03	0.041
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/13/74-09/06/83	10	0.56	0.544	1.01	0.18	0.069	0.263	0.186	0.285	0.712	0.984
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/13/74-09/06/83	10	0.01	0.037	0.11	0.005	0.002	0.044	0.005	0.005	0.093	0.109
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	24	11.	11.125	20.	3.	21.332	4.619	5.	8.	14.	19.
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	24	32.	31.833	35.	26.	5.275	2.297	28.	31.	33.75	34.5
01027	CADMIUM, TOTAL (UG/L AS CD)	08/13/74-08/11/86	14 ##	0.25	1.018	4.	0.25	1.543	1.242	0.25	0.25	2.	3.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/13/74-08/11/86	13	2.5	3.846	14.	0.5	14.849	3.853	0.5	0.5	6.	11.2
01037	COBALT, TOTAL (UG/L AS CO)	12/18/74-03/02/83	9 ##	0.5	1.556	5.	0.5	2.84	1.685	0.5	0.5	3.	5.
01042	COPPER, TOTAL (UG/L AS CU)	08/13/74-08/11/86	13	25.	25.154	66.	3.	267.474	16.355	4.6	13.5	32.5	55.2
01051	LEAD, TOTAL (UG/L AS PB)	08/13/74-08/11/86	13	10.	11.308	21.	2.5	34.356	5.861	2.5	7.5	15.	20.6
01067	NICKEL, TOTAL (UG/L AS NI)	08/13/74-08/11/86	14	5.5	8.679	35.	2.5	64.062	8.004	3.75	5.	10.	23.
01092	ZINC, TOTAL (UG/L AS ZN)	08/13/74-08/11/86	13	34.	55.577	200.	0.5	3154.327	56.163	1.5	21.5	92.	166.4
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	08/13/74-09/09/82	6	900.	1118.333	2400.	50.	899616.667	948.481	**	**	**	**
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	08/13/74-09/09/82	6	2.943	2.807	3.38	1.699	0.388	0.623	**	**	**	**
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			641.75								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/27/74-08/11/86	11	44.	47.636	117.	0.	2053.055	45.311	0.4	5.	100.	115.6
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	09/24/74-08/11/86	11	2.	5.545	21.	0.	53.073	7.285	0.	1.	12.	20.
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	09/24/74-08/11/86	11	32.	37.364	103.	3.	1208.255	34.76	3.4	7.	66.	100.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0093

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71900	MERCURY, TOTAL (UG/L AS HG)	08/13/74-08/11/86	14	0.1	0.143	0.3	0.05	0.011	0.104	0.05	0.05	0.225	0.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0093

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-08/11/86	37	21.5	19.084	26.4	6.6	29.74	5.453	10.96	14.25	23.	25.52
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-08/11/86	33	2.	2.364	5.	1.	0.551	0.742	2.	2.	3.	3.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-08/11/86	36	40000.	40838.889	50000.	32500.	23588730.159	4856.823	33700.	37125.	44000.	48650.
00300	OXYGEN, DISSOLVED MG/L	07/30/74-08/11/86	37	8.	8.381	14.6	4.6	5.375	2.318	5.68	7.	9.2	13.
00310	BOD, 5 DAY, 20 DEG C MG/L	07/30/74-02/22/82	20	4.4	4.455	8.8	1.7	2.722	1.65	2.8	3.375	5.1	6.89
00400	PH (STANDARD UNITS)	02/19/75-05/26/82	29	7.7	7.779	9.3	7.3	0.149	0.386	7.5	7.5	7.8	8.2
00400	CONVERTED PH (STANDARD UNITS)	02/19/75-05/26/82	29	7.7	7.677	9.3	7.3	0.16	0.4	7.5	7.5	7.8	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/19/75-05/26/82	29	0.02	0.021	0.05	0.001	0.	0.011	0.006	0.016	0.032	0.032
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/13/74-09/06/83	14	0.325	0.412	1.55	0.05	0.159	0.399	0.06	0.14	0.545	1.2
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/13/74-09/06/83	13	0.06	0.092	0.19	0.01	0.004	0.064	0.014	0.045	0.16	0.186
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	27	10.	11.148	21.	5.	17.67	4.204	6.	8.	13.	18.2
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	33	32.	32.545	38.	28.	7.631	2.762	28.4	30.	35.	36.
01027	CADMIUM, TOTAL (UG/L AS CD)	08/13/74-08/11/86	11	0.5	1.068	6.	0.25	2.951	1.718	0.25	0.25	1.	5.2
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/13/74-08/11/86	11 ##	2.5	2.5	6.	0.5	1.85	1.36	0.6	2.5	2.5	5.3
01037	COBALT, TOTAL (UG/L AS CO)	12/18/74-03/02/83	5 ##	0.5	1.7	5.	0.5	3.825	1.956	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/13/74-08/11/86	11	29.	25.818	47.	5.	142.164	11.923	6.6	15.	32.	44.8
01051	LEAD, TOTAL (UG/L AS PB)	08/13/74-08/11/86	11	14.	13.5	32.	2.5	97.15	9.856	3.	5.	20.	30.6
01067	NICKEL, TOTAL (UG/L AS NI)	08/13/74-08/11/86	11	5.	5.727	12.	2.5	12.918	3.594	2.5	2.5	10.	11.8
01092	ZINC, TOTAL (UG/L AS ZN)	08/13/74-08/11/86	11	54.	62.727	157.	12.	1941.018	44.057	13.6	22.	91.	146.4
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	08/13/74-09/09/82	17	250.	865.824	8300.	10.	4012003.029	2002.999	16.4	50.	500.	3420.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	08/13/74-09/09/82	17	2.398	2.276	3.919	1.	0.628	0.792	1.204	1.602	2.681	3.458
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			188.903								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/27/74-08/11/86	18	19.	31.778	89.	0.	1006.301	31.722	0.	7.75	59.5	88.1
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	09/24/74-08/11/86	18	2.	2.778	14.	0.	13.124	3.623	0.	0.	5.	6.8
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	09/24/74-08/11/86	18	13.	16.222	49.	0.	252.889	15.902	0.	1.5	30.	40.
71900	MERCURY, TOTAL (UG/L AS HG)	08/13/74-08/11/86	7	0.1	0.121	0.4	0.05	0.016	0.125	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0094

NPS Station ID: GATE0094
LAT/LON: 40.628337/ -73.883337
Agency: 1111H030
Date Created: / /
Location: JAMAICA BAY CHLORINATION STUDY
FIPS State/County: 36047 NEW YORK/KINGS
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): J08A
RMI-Indexes: 0133000
Within Park Boundary: Yes
RMI-Miles: 0000.00
HUC: 02030202
Depth of Water: 30
Aquifer:
Major Basin: EAST END CANARSIE PIER
Elevation: 0
Water Body Id:
Minor Basin: SEE STATION DESC. FOR DETAI
ECO Region:
RF1 Index: 02030202028
RF1 Mile Point: 29.070
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02030202002900.00
RF3 Mile Point: 7.91
Distance from RF3: 0.12
On/Off RF3:
Description:
JAMAICA BAY STUDY-TO DETERMINE THE EFFECT OF SEASONAL CHLORINATION OF TREATMENT PLANT EFFLUENTS ON JAMAICA BAY COLIFORM POPULATIONS. THE PLANT EFFLUENTS ARE CHLORINATED FROM MAY 15 THRU SEPT 30. THE STUDY WAS DIVIDED INTO 2 PHASES OVER AN 8 MONTH PERIOD - MARCH TO OCTOBER 1968 PHASE I - INTENSIVE SURVEY FROM MARCH 26 TO MAY 15 TO DETERMINE NORMAL OR BACKGROUND LEVELS OF COLIFORMS THEN FROM MAY 25 TO JUNE 28 TO DETER- MINE RESPONSE TIME AMD NEW LEVELS OF COLIFORMS. PHASE II - SURVEILLANCE STUDY- FROM SEPT 4 TO SEPT 30 TO DETERMINE BACK- GROUNG LEVELS DURING CHLORINATION THEN FROM SEPT 30 TO OCT 24 TO DETER- MINE RESPONSE TIME AND NEW COLIFORM LEVELS AFTER CHLORINATION STOPPED.

Parameter Inventory for Station: GATE0094

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GATE0095

NPS Station ID: GATE0095 | LAT/LON: 40.626670/ -73.883892 | Agency: 21350000 | Date Created: / /
Location: JAMAICA BAY | FIPS State/County: 36000 NEW YORK/
Station Type: /TYPA/AMBNT/OCEAN | STORET Station ID(s): 403736007353020/J3
RMI-Indexes: 0133000 | Within Park Boundary: Yes
RMI-Miles: 0000.00
HUC: 02030202 | Depth of Water: 30 | Aquifer:
Major Basin: NORTHEAST | Elevation: 0 | Water Body Id:
Minor Basin: LOWER HUDSON-N.Y. METROPOLITAN AREA | ECO Region:
RF1 Index: 02030202027 | RF1 Mile Point: 23.430 | Distance from RF1: 0.00 | On/Off RF1: ON
RF3 Index: 02030202002900.00 | RF3 Mile Point: 8.72 | Distance from RF3: 0.17 | On/Off RF3:
Description:
STATION IS LOCATED IN JAMAICA BAY 400 FT SOUTH OF END OF CANARSIE PIER. DATA COLLECTED BY CITY OF NEW YORK DEPARTMENT OF PUBLIC WORKS.

Parameter Inventory for Station: GATE0095

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/07/73-01/08/74	4	5.95	6.	9.2	2.9	12.42	3.524	**	**	**	**
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/30/25-09/15/66	546	74.	73.614	84.	62.	15.467	3.933	68.	71.	76.	78.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/07/73-01/08/74	2	9.5	9.5	9.5	9.5	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/07/73-01/08/74	4	4.25	4.15	5.1	3.	0.79	0.889	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/07/73-01/08/74	4	25800.	25850.	28800.	23000.	10116666.667	3180.671	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/07/73-01/08/74	4	39346.5	39354.5	40681.	38044.	1920175.	1385.704	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	06/30/25-01/08/74	554	4.8	4.92	12.7	0.2	2.478	1.574	3.25	3.975	5.7	6.7
00310p	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	295	1.9	2.292	7.2	0.	1.962	1.401	0.9	1.3	3.1	4.24
00403	PH, LAB, STANDARD UNITS SU	11/07/73-01/08/74	4	7.15	7.125	8.	6.2	1.023	1.011	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	11/07/73-01/08/74	4	6.592	6.541	8.	6.2	1.478	1.216	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/07/73-01/08/74	4	0.256	0.288	0.631	0.01	0.106	0.325	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/07/73-01/08/74	4	14790.	14795.	15000.	14600.	26766.667	163.605	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/07/73-01/08/74	4	62500.	55150.	80000.	15600.	967423333.333	31103.43	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/07/73-01/08/74	4	4.778	4.663	4.903	4.193	0.112	0.335	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			46039.359								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/10/54-09/15/66	272	24000.	44079.779	350000.	200.	2556288851.612	50559.755	2300.	4900.	110000.	110000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/10/54-09/15/66	272	4.38	4.269	5.544	2.301	0.456	0.676	3.362	3.69	5.041	5.041
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			18556.721								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/07/73-01/08/74	4	4450.	4225.	6000.	2000.	3615833.333	1901.534	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/07/73-01/08/74	4	3.633	3.586	3.778	3.301	0.05	0.223	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3858.965								
70305	SALINITY BASED ON CONDUCTIVITY	11/07/73-01/08/74	4	24.9	24.975	25.8	24.3	0.549	0.741	**	**	**	**
70307p	SEA WATER, PERCENT	06/30/25-09/15/66	550	84.	84.475	100.	46.	24.093	4.908	79.	82.	88.	90.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0095

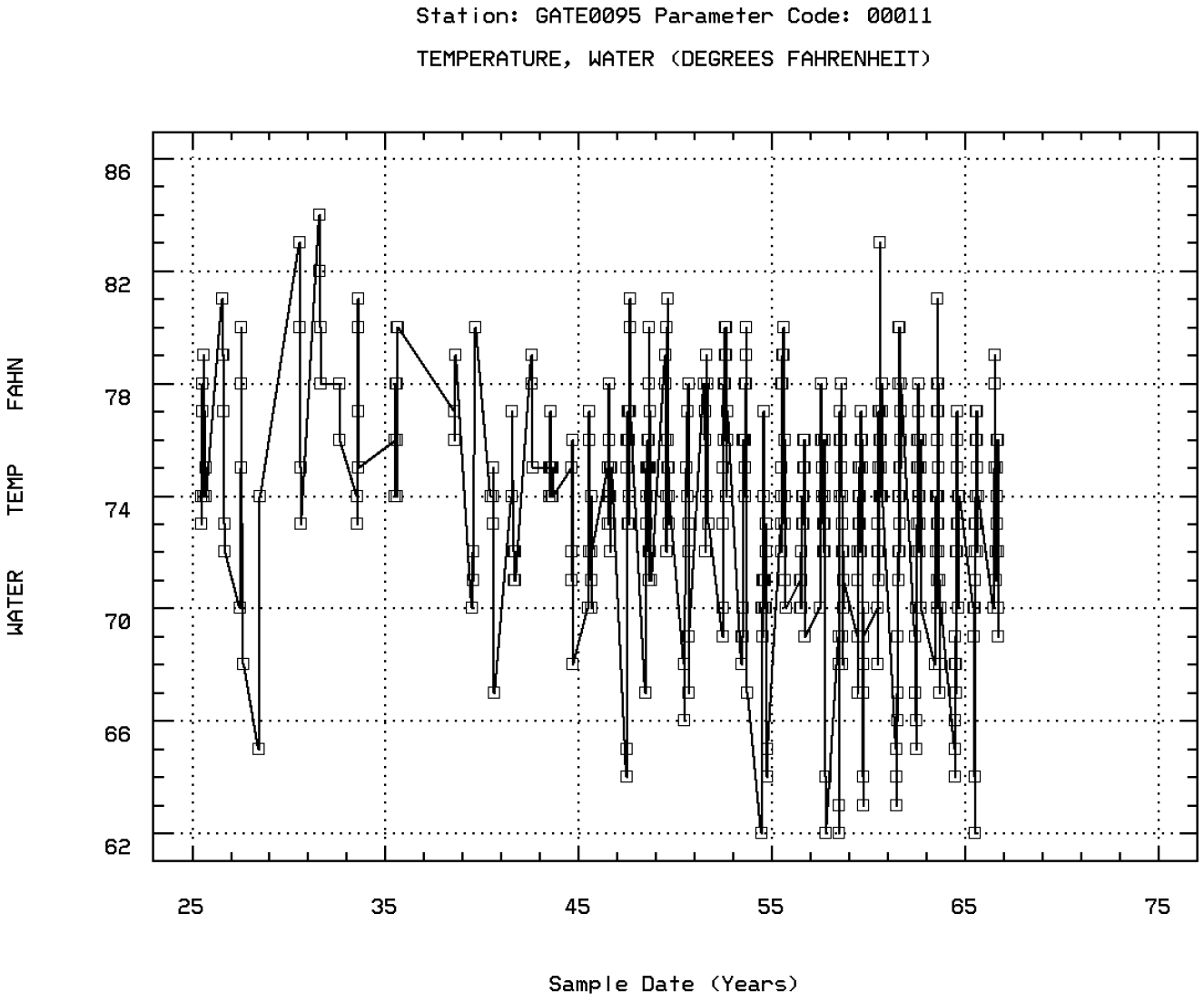
Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	4	0	0.00				4	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	554	158	0.29	286	91	0.32	4	0	0.00	264	67	0.25			
00403	PH, LAB	Other-Hi Lim.	9.	4	0	0.00				4	0	0.00						
		Other-Lo Lim.	6.5	4	2	0.50				4	2	0.50						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: GATE0095

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	4	4	1.00				4	4	1.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	272	255	0.94	140	131	0.94				132	124	0.94			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	4	4	1.00				4	4	1.00						

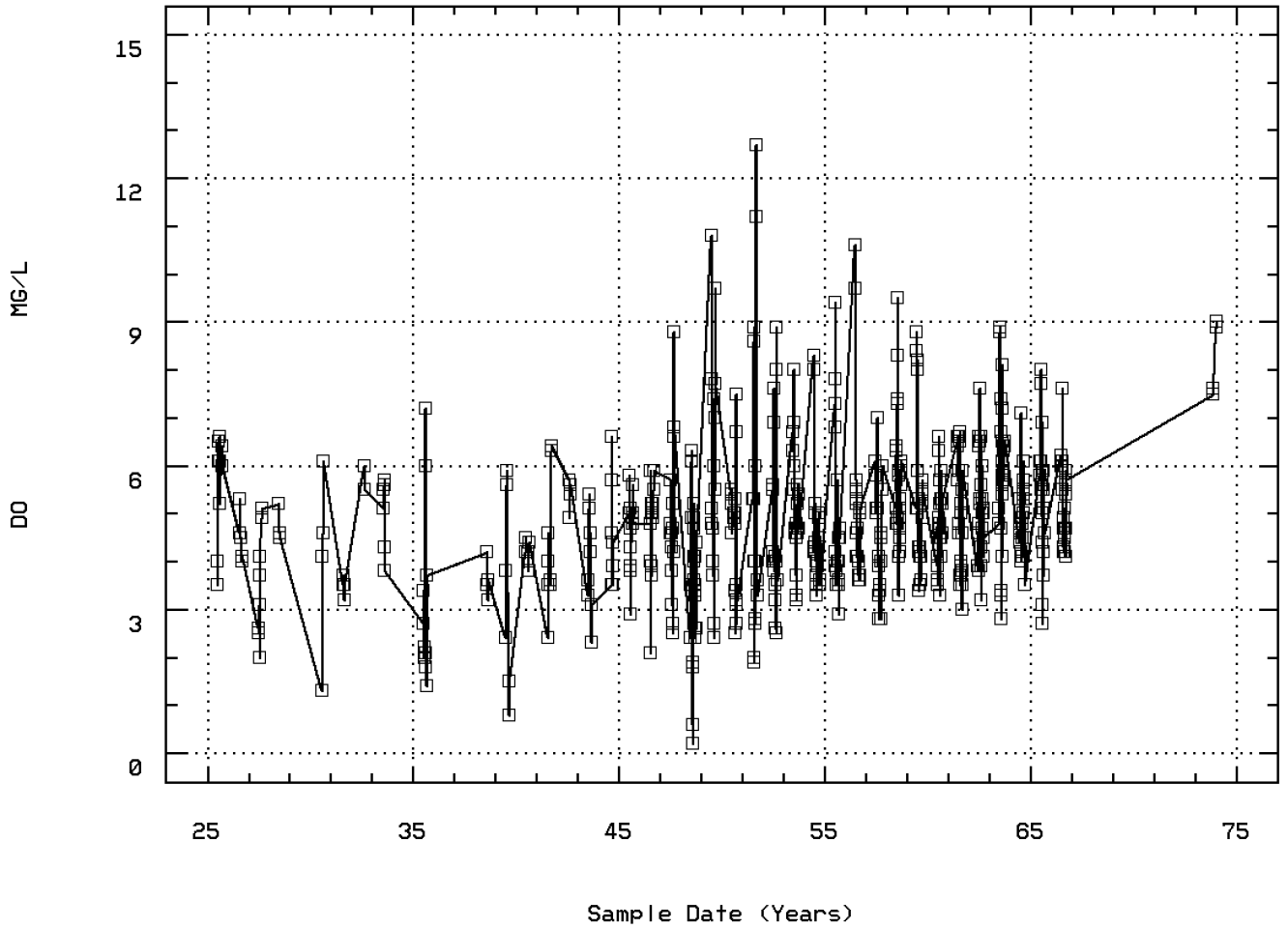
& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter


Station: GATE0095 Parameter Code: 00011
TEMPERATURE, WATER (DEGREES FAHRENHEIT)
WATER TEMP FAHN
86
82
78
74
70
66
62
25
35
45
55
65
75
Sample Date (Years)

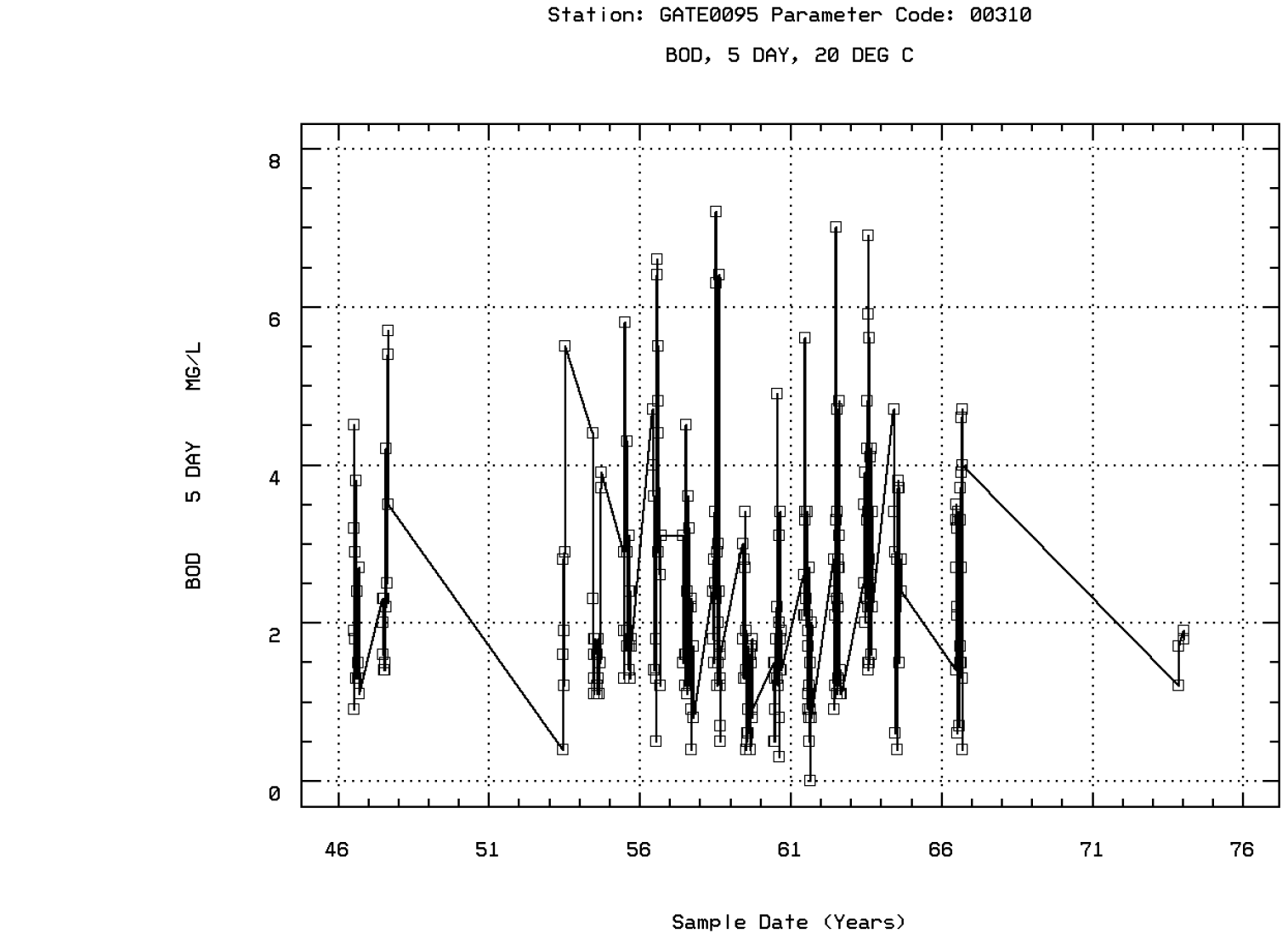
JAMAICA BAY

Station: GATE0095 Parameter Code: 00300

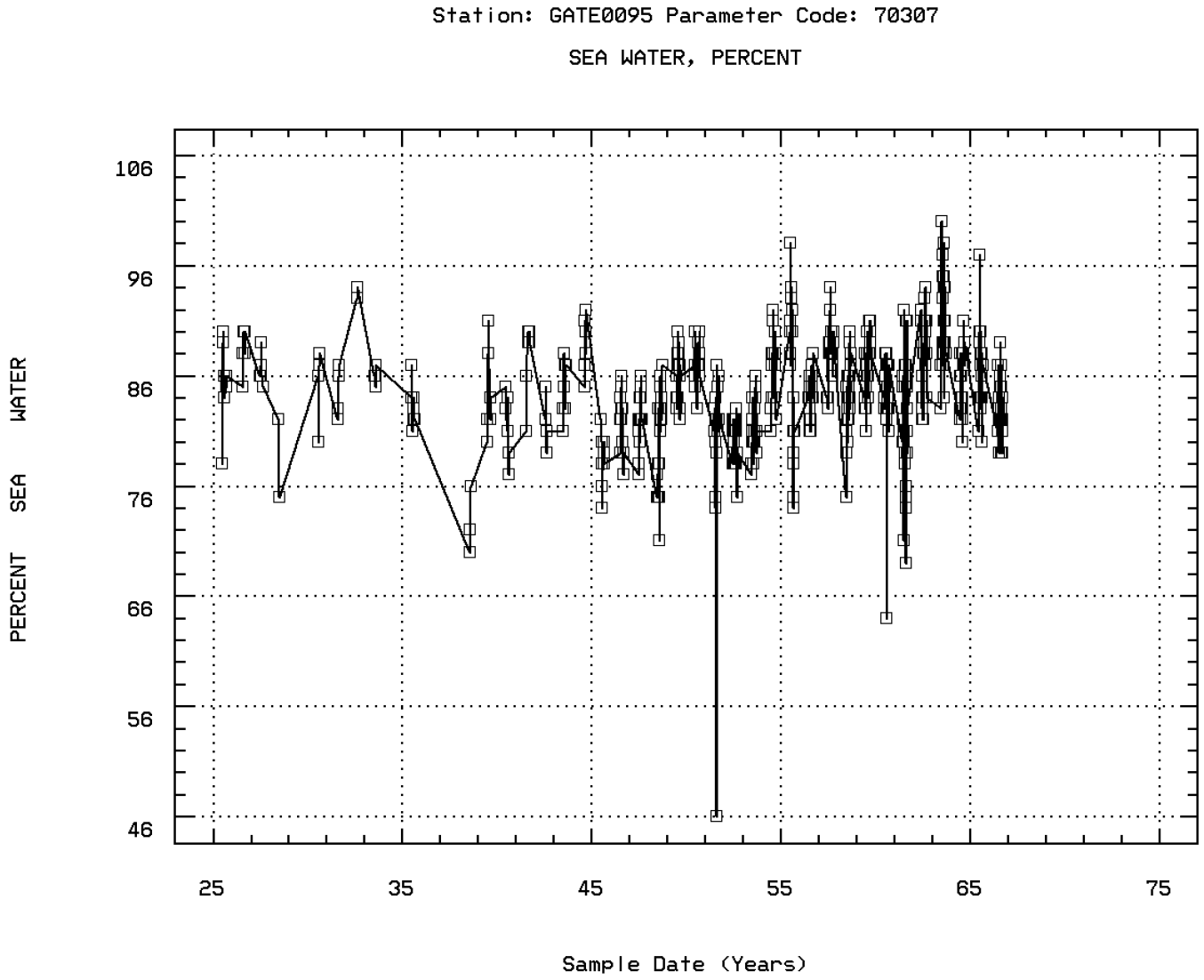
OXYGEN, DISSOLVED



JAMAICA BAY


Station: GATE0095 Parameter Code: 00310
BOD, 5 DAY, 20 DEG C
BOD 5 DAY MG/L
0
2
4
6
8
46
51
56
61
66
71
76
Sample Date (Years)

JAMAICA BAY


Station: GATE0095 Parameter Code: 70307
SEA WATER, PERCENT
PERCENT SEA WATER
106
96
86
76
66
56
46
25
35
45
55
65
75
Sample Date (Years)

JAMAICA BAY

Annual Analysis for 1925 - Station GATE0095

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/30/25-09/15/66	10	74.5	75.7	79.	73.	5.344	2.312	73.1	74.	78.25	79.
00300p	OXYGEN, DISSOLVED MG/L	06/30/25-01/08/74	10	6.05	5.56	6.6	3.5	1.154	1.074	3.55	4.9	6.425	6.59
70307p	SEA WATER, PERCENT	06/30/25-09/15/66	10	85.5	84.6	90.	78.	15.822	3.978	78.	82.5	86.75	89.9

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1926 - Station GATE0095

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/30/25-09/15/66	6	78.	76.833	81.	72.	12.967	3.601	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	06/30/25-01/08/74	6	4.5	4.5	5.3	4.	0.212	0.46	**	**	**	**
70307p	SEA WATER, PERCENT	06/30/25-09/15/66	6	89.	88.5	90.	85.	3.9	1.975	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1927 - Station GATE0095

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/30/25-09/15/66	8	72.5	73.	80.	68.	21.429	4.629	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	06/30/25-01/08/74	8	3.4	3.5	5.1	2.	1.306	1.143	**	**	**	**
70307p	SEA WATER, PERCENT	06/30/25-09/15/66	8	86.	86.375	89.	85.	1.696	1.302	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1928 - Station GATE0095

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/30/25-09/15/66	4	69.5	69.5	74.	65.	27.	5.196	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	06/30/25-01/08/74	4	4.9	4.875	5.2	4.5	0.143	0.377	**	**	**	**
70307p	SEA WATER, PERCENT	06/30/25-09/15/66	4	78.5	78.5	82.	75.	16.333	4.041	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1930 - Station GATE0095

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/30/25-09/15/66	4	77.5	77.75	83.	73.	20.917	4.573	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	06/30/25-01/08/74	4	4.35	4.025	6.1	1.3	4.023	2.006	**	**	**	**
70307p	SEA WATER, PERCENT	06/30/25-09/15/66	4	86.5	85.25	88.	80.	12.917	3.594	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1931 - Station GATE0095

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/30/25-09/15/66	4	81.	81.	84.	78.	6.667	2.582	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	06/30/25-01/08/74	4	3.5	3.475	3.7	3.2	0.042	0.206	**	**	**	**
70307p	SEA WATER, PERCENT	06/30/25-09/15/66	4	84.5	84.5	87.	82.	5.667	2.38	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1932 - Station GATE0095

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/30/25-09/15/66	2	77.	77.	78.	76.	2.	1.414	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	06/30/25-01/08/74	2	5.75	5.75	6.	5.5	0.125	0.354	**	**	**	**
70307p	SEA WATER, PERCENT	06/30/25-09/15/66	2	93.5	93.5	94.	93.	0.5	0.707	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1933 - Station GATE0095

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/30/25-09/15/66	6	76.	76.667	81.	73.	10.667	3.266	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	06/30/25-01/08/74	6	5.3	5.	5.7	3.8	0.608	0.78	**	**	**	**
70307p	SEA WATER, PERCENT	06/30/25-09/15/66	6	86.	86.	87.	85.	0.4	0.632	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1935 - Station GATE0095

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/30/25-09/15/66	10	78.	77.4	80.	74.	5.378	2.319	74.	75.5	80.	80.
00300p	OXYGEN, DISSOLVED MG/L	06/30/25-01/08/74	10	2.45	3.25	7.2	1.4	3.689	1.921	1.44	1.95	4.275	7.08
70307p	SEA WATER, PERCENT	06/30/25-09/15/66	10	82.5	82.9	87.	81.	3.211	1.792	81.	81.75	84.	86.7

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1938 - Station GATE0095

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/30/25-09/15/66	4	78.	77.75	79.	76.	2.25	1.5	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	06/30/25-01/08/74	4	3.55	3.625	4.2	3.2	0.176	0.419	**	**	**	**
70307p	SEA WATER, PERCENT	06/30/25-09/15/66	4	74.	73.5	76.	70.	9.	3.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1939 - Station GATE0095

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/30/25-09/15/66	6	71.5	73.833	80.	70.	23.367	4.834	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	06/30/25-01/08/74	6	3.1	3.333	5.9	0.8	4.519	2.126	**	**	**	**
70307p	SEA WATER, PERCENT	06/30/25-09/15/66	6	83.	84.5	91.	80.	17.5	4.183	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1940 - Station GATE0095

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/30/25-09/15/66	8	74.	72.375	75.	67.	11.411	3.378	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	06/30/25-01/08/74	8	4.2	4.212	4.5	3.8	0.053	0.23	**	**	**	**
70307p	SEA WATER, PERCENT	06/30/25-09/15/66	8	81.	81.375	85.	77.	6.839	2.615	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1941 - Station GATE0095

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/30/25-09/15/66	8	73.	73.5	77.	71.	6.	2.449	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	06/30/25-01/08/74	8	3.8	4.288	6.4	2.4	1.996	1.413	**	**	**	**
70307p	SEA WATER, PERCENT	06/30/25-09/15/66	8	87.5	86.5	90.	81.	14.	3.742	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1942 - Station GATE0095

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/30/25-09/15/66	4	76.5	76.75	79.	75.	4.25	2.062	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	06/30/25-01/08/74	4	5.5	5.4	5.7	4.9	0.127	0.356	**	**	**	**
70307p	SEA WATER, PERCENT	06/30/25-09/15/66	4	81.5	81.75	85.	79.	6.25	2.5	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1943 - Station GATE0095

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/30/25-09/15/66	8	75.	74.875	77.	74.	0.982	0.991	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	06/30/25-01/08/74	8	3.9	3.95	5.4	2.3	1.129	1.062	**	**	**	**
70307p	SEA WATER, PERCENT	06/30/25-09/15/66	8	86.	85.125	88.	81.	6.411	2.532	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1944 - Station GATE0095

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/30/25-09/15/66	8	73.5	72.625	76.	68.	11.411	3.378	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	06/30/25-01/08/74	8	4.4	4.575	6.6	3.5	1.171	1.082	**	**	**	**
70307p	SEA WATER, PERCENT	06/30/25-09/15/66	8	90.5	89.5	92.	85.	6.571	2.563	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1945 - Station GATE0095

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/30/25-09/15/66	12	72.	73.083	77.	70.	7.72	2.778	70.	70.25	76.	77.
00300p	OXYGEN, DISSOLVED MG/L	06/30/25-01/08/74	12	4.85	4.65	5.8	2.9	0.657	0.811	3.17	4.	5.075	5.74
70307p	SEA WATER, PERCENT	06/30/25-09/15/66	12	79.	78.667	82.	74.	5.879	2.425	74.6	76.5	80.	82.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1946 - Station GATE0095

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/30/25-09/15/66	14	74.5	74.5	78.	72.	2.423	1.557	72.5	73.	75.25	77.
00300p	OXYGEN, DISSOLVED MG/L	06/30/25-01/08/74	14	5.	4.729	5.9	2.1	1.022	1.011	2.9	3.975	5.275	5.9
00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	14	1.85	2.164	4.5	0.9	1.255	1.12	0.95	1.25	2.975	4.15
70307p	SEA WATER, PERCENT	06/30/25-09/15/66	14	82.	81.571	86.	77.	6.879	2.623	78.	79.	83.25	85.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1947 - Station GATE0095

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/30/25-09/15/66	16	76.	74.625	81.	64.	20.783	4.559	64.7	73.	77.	80.3
00300p	OXYGEN, DISSOLVED MG/L	06/30/25-01/08/74	16	4.65	4.881	8.8	2.5	2.614	1.617	2.64	3.9	5.7	7.4
00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	15	2.3	2.787	5.7	1.4	1.928	1.389	1.4	1.6	3.5	5.52
70307p	SEA WATER, PERCENT	06/30/25-09/15/66	16	82.	82.063	86.	77.	5.529	2.351	77.7	81.25	84.	85.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1948 - Station GATE0095

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/30/25-09/15/66	24	74.5	73.875	80.	67.	9.766	3.125	69.	72.	76.	77.5
00300p	OXYGEN, DISSOLVED MG/L	06/30/25-01/08/74	24	3.55	3.608	6.3	0.2	2.607	1.615	1.2	2.45	4.85	6.1
70307p	SEA WATER, PERCENT	06/30/25-09/15/66	24	82.5	81.167	87.	71.	18.667	4.32	75.	78.	84.	86.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1949 - Station GATE0095

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/30/25-09/15/66	16	76.	76.5	81.	72.	8.667	2.944	72.7	74.	79.75	81.
00300p	OXYGEN, DISSOLVED MG/L	06/30/25-01/08/74	16	5.3	5.875	10.8	2.4	5.639	2.375	2.61	4.175	7.625	10.03
70307p	SEA WATER, PERCENT	06/30/25-09/15/66	16	86.5	85.938	90.	82.	5.529	2.351	82.7	84.	87.75	89.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1950 - Station GATE0095

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/30/25-09/15/66	16	74.	73.188	78.	66.	14.696	3.834	66.7	69.75	76.5	78.
00300p	OXYGEN, DISSOLVED MG/L	06/30/25-01/08/74	18	4.95	4.644	7.5	2.5	1.818	1.348	2.68	3.35	5.325	6.78
70307p	SEA WATER, PERCENT	06/30/25-09/15/66	18	87.	87.111	90.	83.	4.34	2.083	83.	86.	89.	90.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1951 - Station GATE0095

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/30/25-09/15/66	16	76.	75.813	79.	72.	6.163	2.482	72.	73.25	78.	79.
00300p	OXYGEN, DISSOLVED MG/L	06/30/25-01/08/74	16	4.65	5.475	12.7	1.9	10.61	3.257	1.97	2.925	7.95	11.65
70307p	SEA WATER, PERCENT	06/30/25-09/15/66	16	82.	79.438	87.	46.	91.863	9.584	65.6	79.25	84.	86.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1952 - Station GATE0095

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/30/25-09/15/66	18	76.	76.111	80.	69.	10.458	3.234	69.9	74.	79.	80.
00300p	OXYGEN, DISSOLVED MG/L	06/30/25-01/08/74	18	4.	4.756	8.9	2.5	3.613	1.901	2.59	3.575	5.925	8.09
70307p	SEA WATER, PERCENT	06/30/25-09/15/66	18	80.5	79.889	83.	75.	4.458	2.111	77.7	78.	82.	82.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1953 - Station GATE0095

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/30/25-09/15/66	20	76.	74.2	80.	67.	18.063	4.25	67.1	69.25	77.5	79.
00300p	OXYGEN, DISSOLVED MG/L	06/30/25-01/08/74	20	4.75	5.08	8.	3.2	1.622	1.273	3.21	4.525	5.9	6.88
00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	8	1.75	2.163	5.5	0.4	2.551	1.597	**	**	**	**
70307p	SEA WATER, PERCENT	06/30/25-09/15/66	20	81.	81.45	86.	77.	6.892	2.625	78.	80.	83.75	85.9

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1954 - Station GATE0095

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/30/25-09/15/66	20	70.	69.9	77.	62.	16.832	4.103	62.2	69.25	71.75	76.7
00300p	OXYGEN, DISSOLVED MG/L	06/30/25-01/08/74	20	4.25	4.59	8.3	3.3	1.774	1.332	3.5	3.75	4.975	7.72
00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	20	1.4	1.78	4.4	1.	1.049	1.024	1.	1.1	1.8	3.88
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/10/54-09/15/66	20	4450.	17755.	110000.	400.	1105672078.947	33251.648	900.	2300.	10575.	103600.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/10/54-09/15/66	20	3.648	3.726	5.041	2.602	0.435	0.66	2.954	3.362	4.023	5.004
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			5327.113								
70307p	SEA WATER, PERCENT	06/30/25-09/15/66	20	87.	85.95	92.	81.	11.313	3.364	81.1	83.	88.	90.9

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1955 - Station GATE0095

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/30/25-09/15/66	18	73.5	74.389	80.	70.	10.487	3.238	70.	71.75	78.	79.1
00300p	OXYGEN, DISSOLVED MG/L	06/30/25-01/08/74	18	4.35	4.922	9.4	2.9	3.124	1.768	3.44	3.75	5.975	7.96
00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	17	1.9	2.324	5.8	1.	1.486	1.219	1.24	1.55	2.9	4.6
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/10/54-09/15/66	18	4100.	13888.889	110000.	900.	683599869.281	26145.743	2160.	2300.	10725.	52400.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/10/54-09/15/66	18	3.612	3.771	5.041	2.954	0.273	0.523	3.321	3.362	4.02	4.701
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			5896.33								
70307p	SEA WATER, PERCENT	06/30/25-09/15/66	18	87.	85.722	98.	74.	47.742	6.91	74.9	80.5	91.25	94.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1956 - Station GATE0095

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/30/25-09/15/66	18	72.	72.278	76.	69.	5.389	2.321	69.	70.	74.25	76.
00300p	OXYGEN, DISSOLVED MG/L	06/30/25-01/08/74	18	4.65	5.1	10.6	3.6	3.899	1.975	3.6	3.7	5.35	9.79
00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	18	3.	3.178	6.6	0.5	3.692	1.922	0.95	1.375	4.725	6.42
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/10/54-09/15/66	18	24000.	34294.444	110000.	900.	1429712320.261	37811.537	900.	8050.	46000.	110000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/10/54-09/15/66	18	4.38	4.216	5.041	2.954	0.4	0.632	2.954	3.885	4.663	5.041
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			16448.469								
70307p	SEA WATER, PERCENT	06/30/25-09/15/66	18	84.	84.111	88.	81.	3.634	1.906	81.	82.75	85.25	87.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1957 - Station GATE0095

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/30/25-09/15/66	16	73.5	72.563	78.	62.	19.063	4.366	63.4	70.5	76.	76.6
00300p	OXYGEN, DISSOLVED MG/L	06/30/25-01/08/74	18	4.55	4.583	7.	2.8	1.459	1.208	2.8	3.475	5.575	6.19

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1957 - Station GATE0095

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	18	1.65	1.972	4.5	0.4	1.161	1.077	0.76	1.175	2.575	3.69
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/10/54-09/15/66	18	9300.	31755.556	110000.	900.	1517926143.791	38960.572	3960.	4300.	46000.	110000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/10/54-09/15/66	18	3.968	4.167	5.041	2.954	0.346	0.588	3.566	3.633	4.663	5.041
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			14676.65								
70307p	SEA WATER, PERCENT	06/30/25-09/15/66	18	88.	87.778	94.	83.	8.301	2.881	83.9	85.5	89.25	92.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1958 - Station GATE0095

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/30/25-09/15/66	24	72.5	72.25	78.	62.	17.848	4.225	65.5	69.25	76.	76.5
00300p	OXYGEN, DISSOLVED MG/L	06/30/25-01/08/74	24	5.45	5.675	9.5	3.3	1.94	1.393	4.15	4.8	6.25	7.85
00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	24	2.15	2.5	7.2	0.5	3.114	1.765	0.85	1.35	2.875	6.35
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/10/54-09/15/66	24	12150.	27591.667	110000.	400.	1202188623.188	34672.592	1350.	5100.	40500.	110000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/10/54-09/15/66	24	4.072	4.086	5.041	2.602	0.425	0.652	2.982	3.694	4.592	5.041
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			12203.688								
70307p	SEA WATER, PERCENT	06/30/25-09/15/66	24	84.5	84.208	90.	75.	12.694	3.563	79.5	82.	86.75	88.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1959 - Station GATE0095

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/30/25-09/15/66	24	72.	71.583	77.	63.	14.254	3.775	65.5	69.	74.75	76.
00300p	OXYGEN, DISSOLVED MG/L	06/30/25-01/08/74	24	5.15	5.346	8.8	3.4	2.405	1.551	3.55	4.225	5.7	8.3
00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	24	1.45	1.488	3.4	0.4	0.698	0.835	0.45	0.825	1.8	2.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/10/54-09/15/66	24	9300.	22008.333	110000.	400.	905846884.058	30097.29	900.	4300.	24000.	78000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/10/54-09/15/66	24	3.968	3.974	5.041	2.602	0.408	0.639	2.954	3.633	4.38	4.852
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			9427.514								
70307p	SEA WATER, PERCENT	06/30/25-09/15/66	24	87.	86.833	91.	81.	6.841	2.615	83.	85.25	88.75	90.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1960 - Station GATE0095

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/30/25-09/15/66	24	74.	74.458	83.	68.	8.694	2.949	70.5	73.25	76.	77.5
00300p	OXYGEN, DISSOLVED MG/L	06/30/25-01/08/74	24	4.7	4.792	6.6	3.3	0.703	0.839	3.55	4.2	5.3	6.1
00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	24	1.4	1.608	4.9	0.3	1.017	1.009	0.5	1.05	1.875	3.25
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/10/54-09/15/66	24	46000.	55137.5	110000.	200.	2106563315.217	45897.313	1600.	10725.	110000.	110000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/10/54-09/15/66	24	4.663	4.397	5.041	2.301	0.588	0.767	3.158	4.02	5.041	5.041
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			24940.529								
70307p	SEA WATER, PERCENT	06/30/25-09/15/66	24	84.	84.125	88.	64.	22.723	4.767	81.5	83.	87.	88.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1961 - Station GATE0095

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/30/25-09/15/66	26	74.	72.769	80.	63.	29.225	5.406	64.	68.5	78.	80.
00300p	OXYGEN, DISSOLVED MG/L	06/30/25-01/08/74	26	5.1	5.15	6.7	3.	1.505	1.227	3.5	3.875	6.5	6.63
00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	24	1.95	1.925	5.6	0.	1.472	1.213	0.65	0.925	2.525	3.4
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/10/54-09/15/66	26	78000.	68080.769	110000.	4300.	1940818415.385	44054.721	8760.	24000.	110000.	110000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/10/54-09/15/66	26	4.852	4.682	5.041	3.633	0.186	0.431	3.94	4.38	5.041	5.041
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			48132.063								
70307p	SEA WATER, PERCENT	06/30/25-09/15/66	26	81.	81.615	92.	69.	34.726	5.893	73.1	78.	86.	91.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1962 - Station GATE0095

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/30/25-09/15/66	26	73.	72.808	78.	65.	12.082	3.476	66.7	70.	75.25	77.3
00300p	OXYGEN, DISSOLVED MG/L	06/30/25-01/08/74	26	4.9	5.065	7.6	3.2	1.087	1.043	3.87	4.3	5.7	6.6
00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	23	2.3	2.461	7.	0.9	2.247	1.499	1.04	1.2	3.1	4.76
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/10/54-09/15/66	26	46000.	57969.231	110000.	400.	2212600615.385	47038.289	1880.	15000.	110000.	110000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/10/54-09/15/66	26	4.663	4.455	5.041	2.602	0.494	0.703	3.239	4.176	5.041	5.041
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			28494.55								
70307p	SEA WATER, PERCENT	06/30/25-09/15/66	26	88.	87.769	94.	82.	12.585	3.547	82.	84.	91.	92.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1963 - Station GATE0095

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/30/25-09/15/66	26	73.	72.962	81.	67.	12.758	3.572	68.	70.	75.25	78.
00300p	OXYGEN, DISSOLVED MG/L	06/30/25-01/08/74	26	6.	5.842	8.9	2.8	2.604	1.614	3.3	4.775	6.7	8.31
00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	26	2.8	3.158	6.9	1.	2.203	1.484	1.47	2.15	4.125	5.69
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/10/54-09/15/66	26	35000.	47519.231	110000.	2300.	1695529615.385	41176.809	4300.	15000.	110000.	110000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/10/54-09/15/66	26	4.521	4.459	5.041	3.362	0.255	0.505	3.633	4.176	5.041	5.041
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			28754.221								
70307p	SEA WATER, PERCENT	06/30/25-09/15/66	26	90.	91.115	100.	83.	21.386	4.625	86.1	88.	95.	98.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1964 - Station GATE0095

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/30/25-09/15/66	24	71.	70.833	77.	64.	13.362	3.655	65.5	68.	74.	75.5
00300p	OXYGEN, DISSOLVED MG/L	06/30/25-01/08/74	24	4.8	5.	7.1	3.5	0.743	0.862	4.05	4.5	5.375	6.6
00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	12	2.85	2.725	4.7	0.4	1.726	1.314	0.46	1.725	3.7	4.43
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/10/54-09/15/66	24	110000.	86000.	110000.	46000.	1001739130.435	31650.263	46000.	46000.	110000.	110000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/10/54-09/15/66	24	5.041	4.899	5.041	4.663	0.035	0.187	4.663	4.663	5.041	5.041
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			79324.002								
70307p	SEA WATER, PERCENT	06/30/25-09/15/66	24	86.5	85.583	91.	80.	7.732	2.781	82.	83.	88.	88.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1965 - Station GATE0095

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/30/25-09/15/66	24	73.	72.625	77.	62.	13.723	3.704	66.5	71.25	75.75	76.5
00300p	OXYGEN, DISSOLVED MG/L	06/30/25-01/08/74	24	5.5	5.363	8.	2.7	1.546	1.243	3.4	4.6	5.9	7.3
70307p	SEA WATER, PERCENT	06/30/25-09/15/66	24	87.	86.542	97.	80.	13.476	3.671	82.	84.	88.75	90.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1966 - Station GATE0095

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/30/25-09/15/66	24	73.5	73.75	79.	69.	8.891	2.982	70.	71.25	76.	78.5
00300p	OXYGEN, DISSOLVED MG/L	06/30/25-01/08/74	24	5.25	5.275	7.6	4.1	0.732	0.856	4.2	4.625	5.975	6.15
00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	24	2.7	2.517	4.7	0.4	1.706	1.306	0.65	1.425	3.475	4.3
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/10/54-09/15/66	24	10250.	46050.	350000.	500.	9798779130.435	98988.783	2250.	4900.	20750.	255000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/10/54-09/15/66	24	4.01	4.07	5.544	2.699	0.459	0.677	3.352	3.69	4.314	5.374
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			11744.887								
70307p	SEA WATER, PERCENT	06/30/25-09/15/66	24	82.5	82.833	89.	79.	7.884	2.808	79.	81.	84.75	87.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1973 - Station GATE0095

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300p	OXYGEN, DISSOLVED MG/L	06/30/25-01/08/74	2	7.55	7.55	7.6	7.5	0.005	0.071	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	2	1.45	1.45	1.7	1.2	0.125	0.354	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

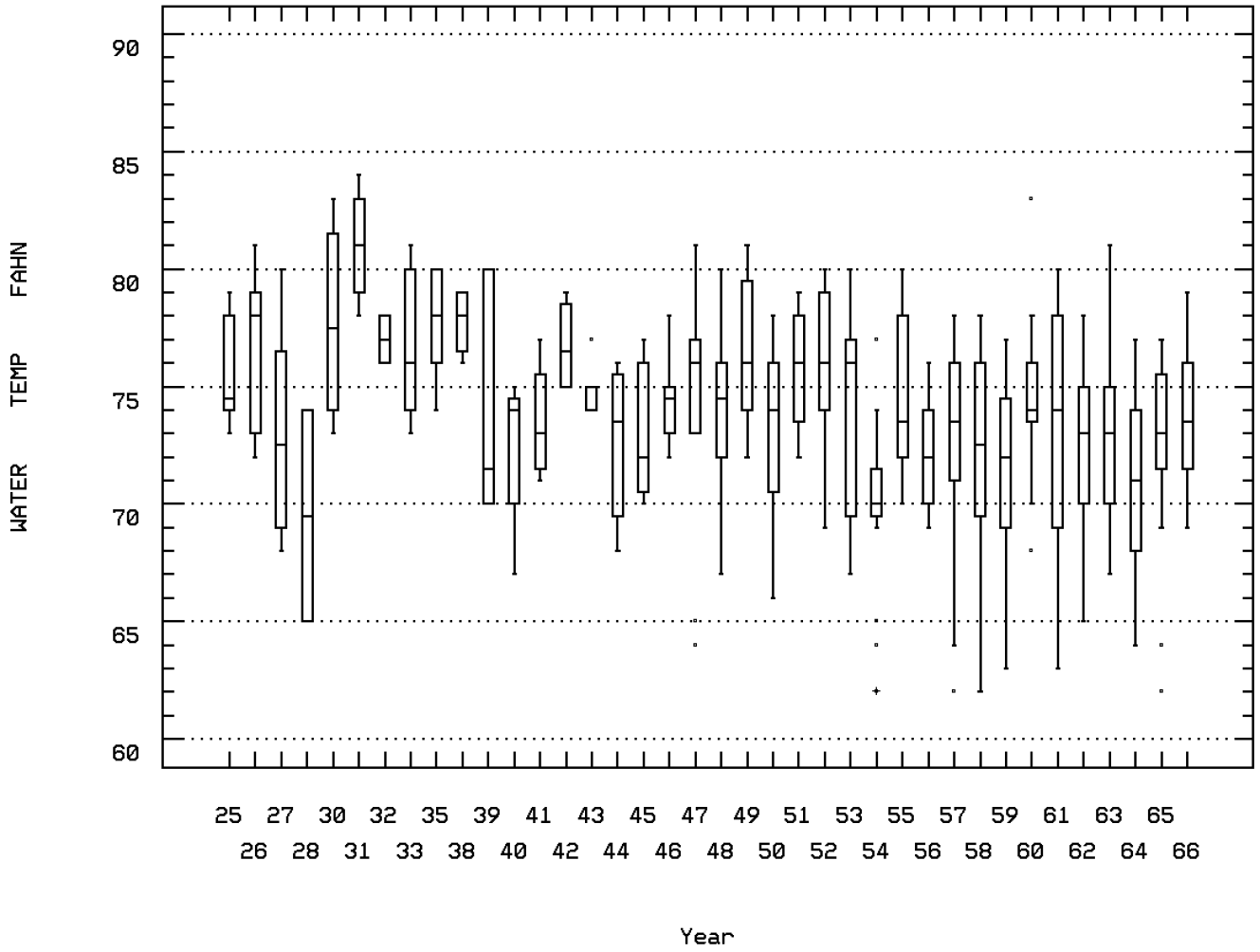
Annual Analysis for 1974 - Station GATE0095

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300p	OXYGEN, DISSOLVED MG/L	06/30/25-01/08/74	2	8.95	8.95	9.	8.9	0.005	0.071	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	2	1.85	1.85	1.9	1.8	0.005	0.071	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: GATE0095 Parameter Code: 00011

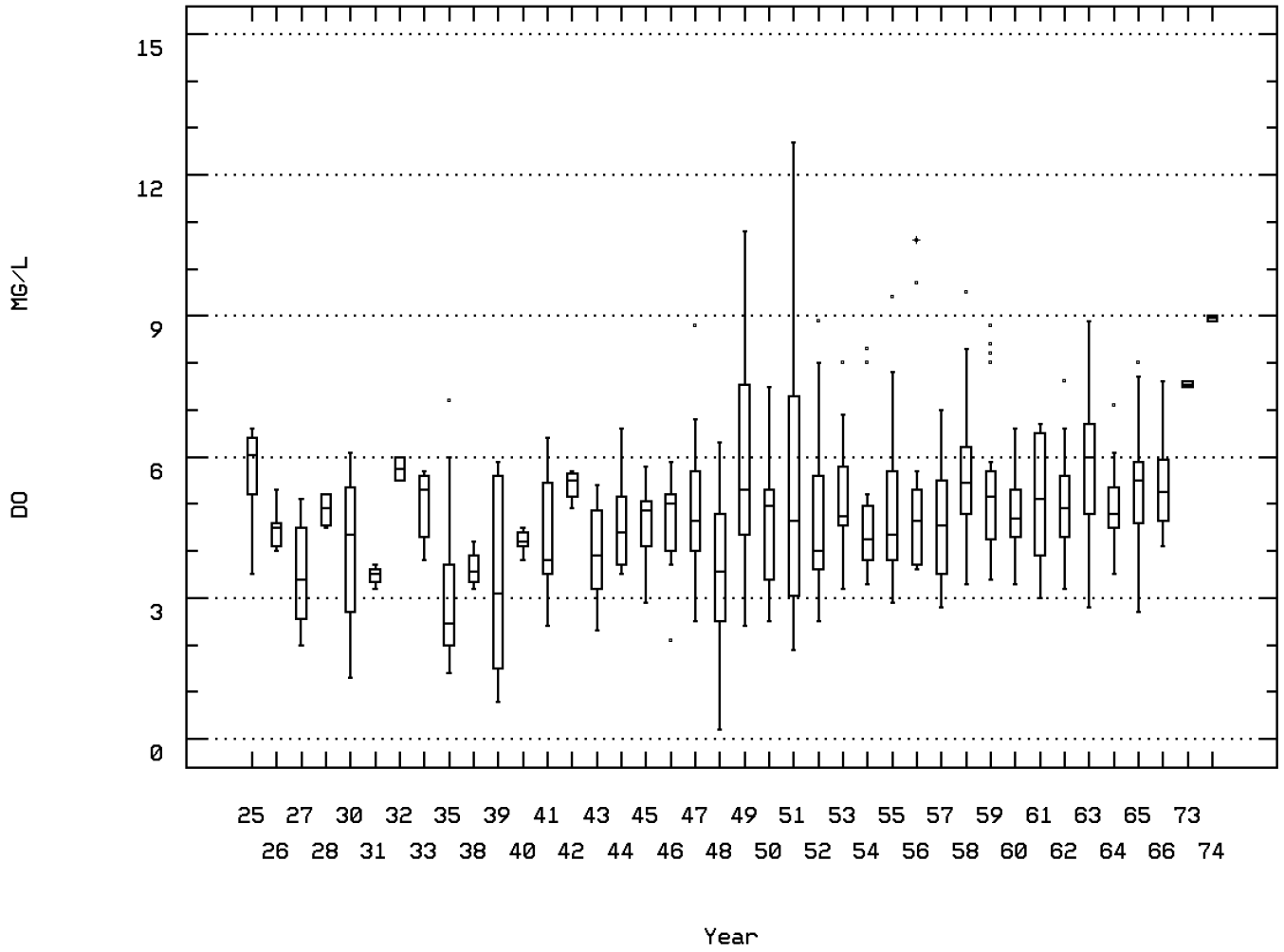
TEMPERATURE, WATER (DEGREES FAHRENHEIT)



JAMAICA BAY

Station: GATE0095 Parameter Code: 00300

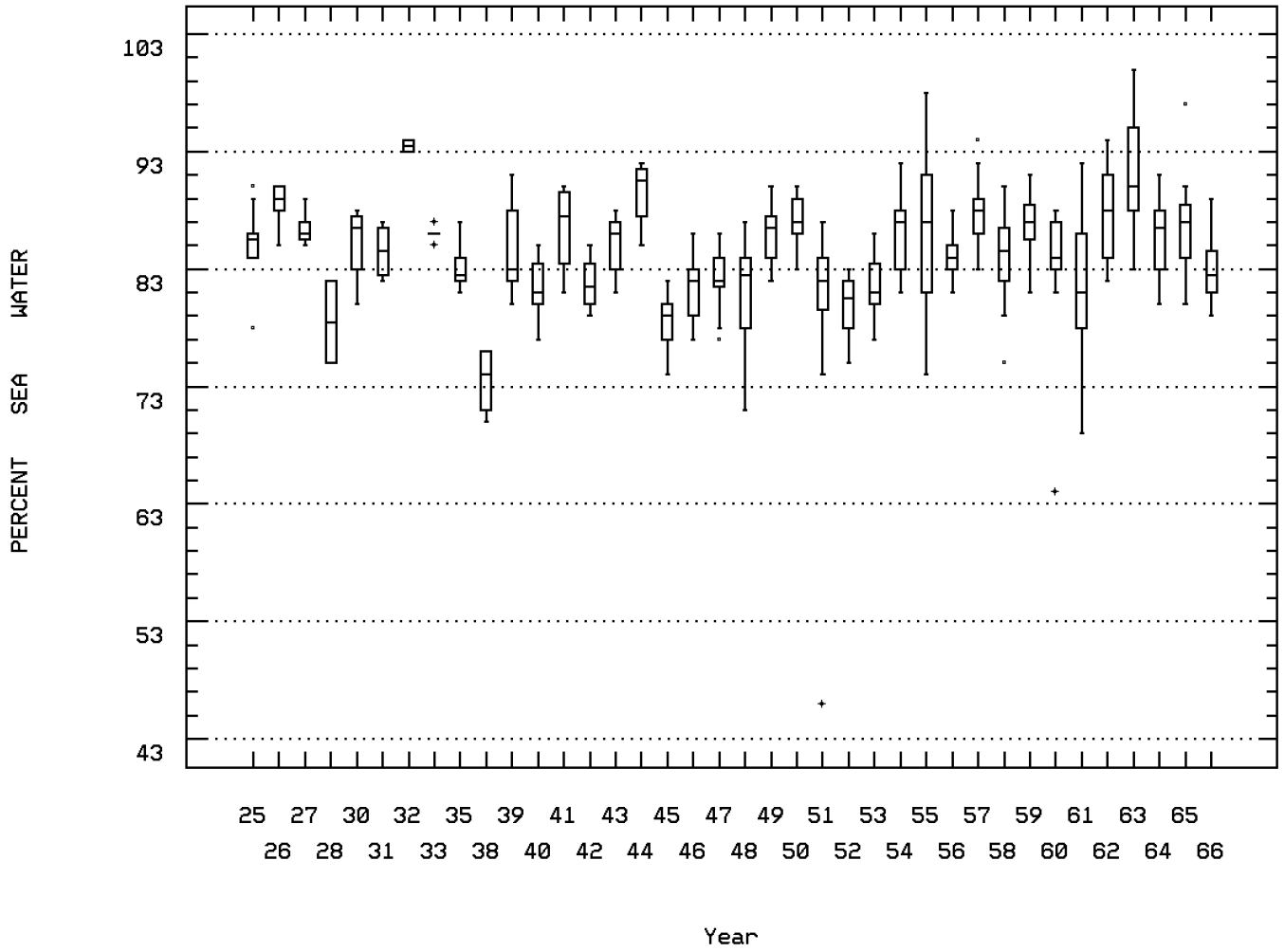
OXYGEN, DISSOLVED



JAMAICA BAY

Station: GATE0095 Parameter Code: 70307

SEA WATER, PERCENT



JAMAICA BAY

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0095

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/30/25-09/15/66	286	74.	74.066	83.	62.	12.771	3.574	70.	72.	76.	79.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/10/54-09/15/66	140	24000.	47732.857	350000.	200.	3294038193.217	57393.712	2300.	4900.	110000.	110000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/10/54-09/15/66	140	4.38	4.277	5.544	2.301	0.498	0.706	3.362	3.69	5.041	5.041
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			18926.984								
70307p	SEA WATER, PERCENT	06/30/25-09/15/66	286	86.	84.927	98.	46.	25.156	5.016	79.	82.	88.	91.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

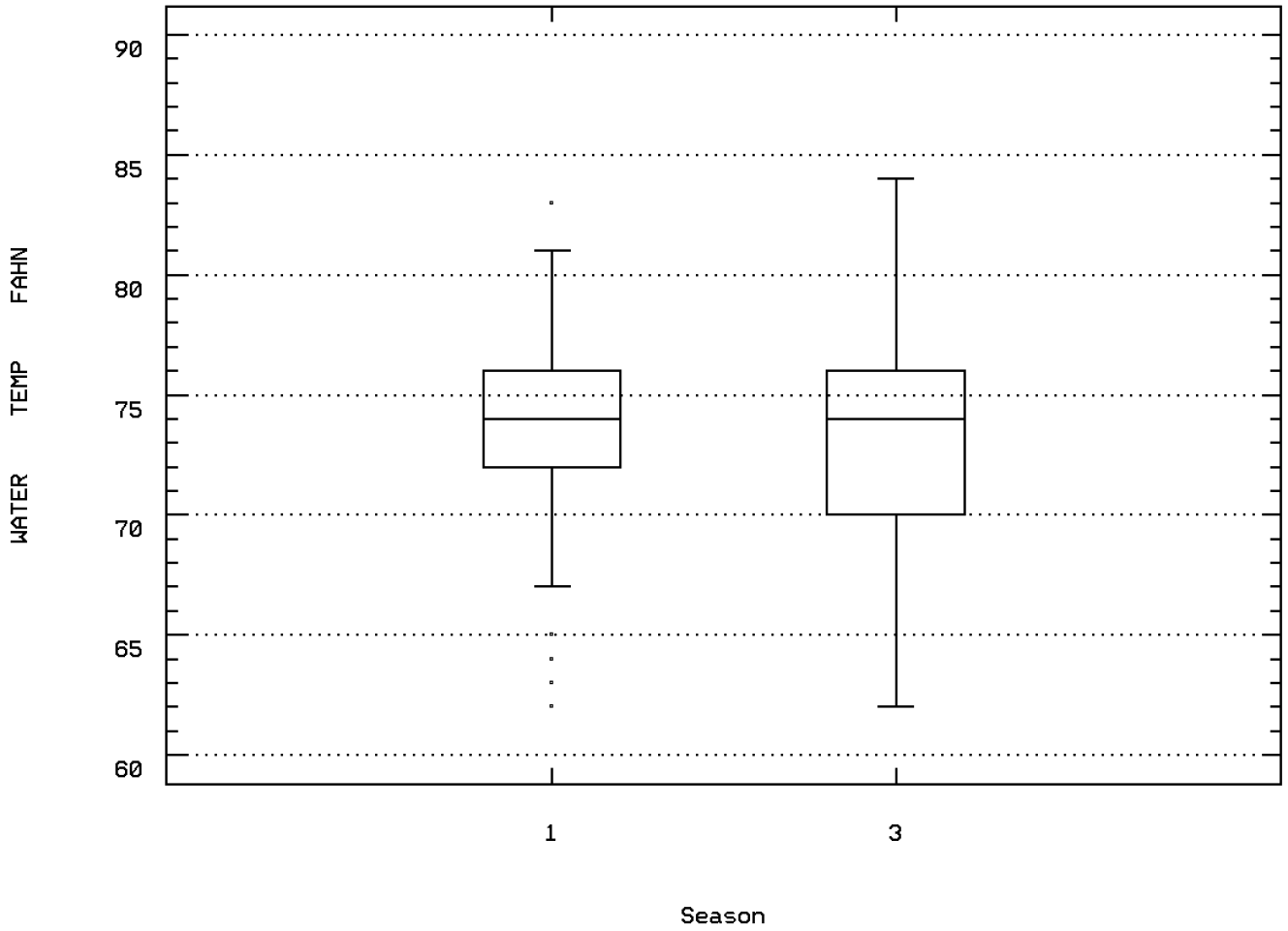
Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0095

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/30/25-09/15/66	260	74.	73.115	84.	62.	18.018	4.245	67.	70.	76.	78.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/10/54-09/15/66	132	24000.	40205.303	160000.	400.	1763611803.724	41995.378	2300.	5200.	46000.	110000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/10/54-09/15/66	132	4.38	4.259	5.204	2.602	0.415	0.644	3.362	3.708	4.663	5.041
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			18171.929								
70307p	SEA WATER, PERCENT	06/30/25-09/15/66	264	84.	83.985	100.	64.	22.57	4.751	78.	81.	87.	89.

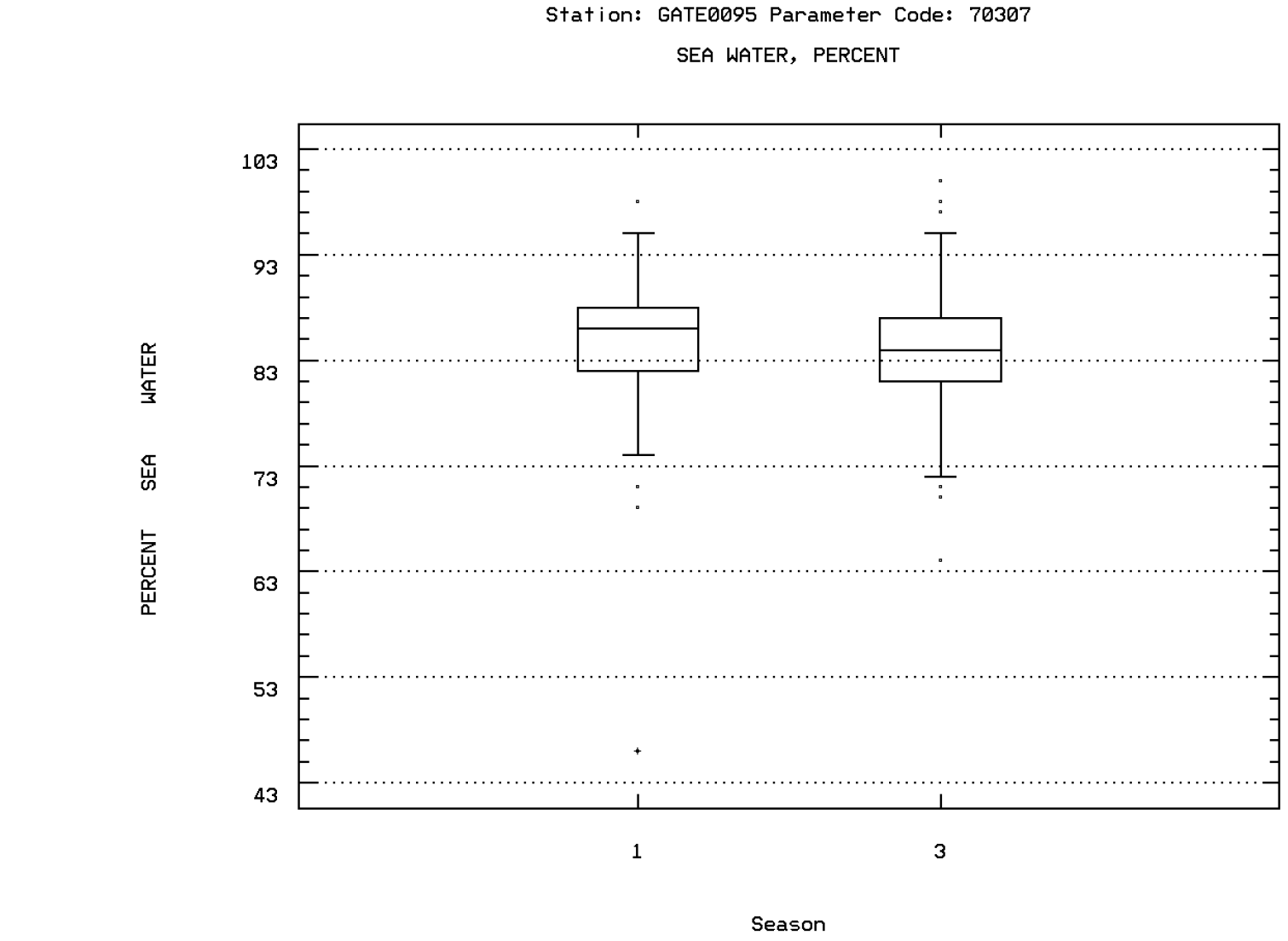
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: GATE0095 Parameter Code: 00011

TEMPERATURE, WATER (DEGREES FAHRENHEIT)



JAMAICA BAY


Station: GATE0095 Parameter Code: 70307
SEA WATER, PERCENT
PERCENT SEA WATER
103
93
83
73
63
53
43
1
3
Season

JAMAICA BAY

Station Inventory for Station: GATE0096

NPS Station ID: GATE0096
LAT/LON: 40.625837/ -73.884170
Agency: 1111H030
Date Created: / /
Location: JAMAICA BAY (J03)
FIPS State/County: 36081 NEW YORK/QUEENS
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): 403733007353030/J03 /915
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02030202
Depth of Water: 28
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-N.Y. METROPOLI
ECO Region:
RF1 Index: 02030202027
RF1 Mile Point: 23.430
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02030202002900.00
RF3 Mile Point: 4.67
Distance from RF3: 0.36
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0096

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/03/66-08/24/66	12	18.3	15.85	25.5	4.	76.895	8.769	4.	5.2	23.875	25.35
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/03/66-08/24/66	12	21.5	17.333	27.	5.	80.97	8.998	5.	6.	23.	27.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/03/66-08/24/66	12	2.65	2.917	4.7	1.4	1.467	1.211	1.46	1.8	4.275	4.64
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/03/66-08/24/66	12	27750.	28950.	38700.	20500.	36027963.636	6002.33	20500.	25765.	33140.	38700.
00300	OXYGEN, DISSOLVED MG/L	03/03/66-08/24/66	12	7.7	8.158	12.4	4.7	8.252	2.873	4.82	5.35	11.375	12.13
00310	BOD, 5 DAY, 20 DEG C MG/L	03/03/66-08/24/66	12	2.6	2.883	4.8	1.1	1.458	1.207	1.19	2.05	4.175	4.71
00400	PH (STANDARD UNITS)	03/03/66-08/24/66	12	7.25	7.325	7.8	7.1	0.053	0.23	7.1	7.125	7.55	7.74
00400	CONVERTED PH (STANDARD UNITS)	03/03/66-08/24/66	12	7.247	7.277	7.8	7.1	0.055	0.235	7.1	7.125	7.55	7.74
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/03/66-08/24/66	12	0.057	0.053	0.079	0.016	0.001	0.022	0.019	0.029	0.075	0.079
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/25/66-08/24/66	7	0.31	0.324	0.54	0.11	0.02	0.142	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/03/66-08/24/66	12	0.05	0.044	0.06	0.02	0.	0.015	0.02	0.03	0.058	0.06
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/03/66-08/24/66	12	0.14	0.143	0.21	0.09	0.002	0.039	0.093	0.11	0.178	0.201
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/03/66-08/24/66	11	1.32	1.39	2.24	0.8	0.146	0.382	0.852	1.14	1.5	2.152
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/03/66-08/24/66	12	0.935	1.071	2.32	0.68	0.18	0.424	0.722	0.84	1.14	1.996
00940	CHLORIDE,TOTAL IN WATER MG/L	04/22/65-08/24/66	14	14550.	15050.	17500.	13700.	1358076.923	1165.366	13750.	14225.	16025.	17050.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/22/65-08/24/66	14	5850.	9821.429	40000.	400.	129911043.956	11397.853	750.	3150.	10750.	35000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/22/65-08/24/66	14	3.766	3.74	4.602	2.602	0.277	0.526	2.822	3.489	4.028	4.54
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			5494.301								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/22/65-08/24/66	14	1300.	2791.429	20000.	220.	26057028.571	5104.609	240.	405.	2375.	12400.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/22/65-08/24/66	14	3.113	3.095	4.301	2.342	0.281	0.53	2.379	2.607	3.375	3.991
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1243.513								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/03/66-08/24/66	12	11.	156.333	700.	4.	70726.424	265.944	4.	4.	255.	697.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/03/66-08/24/66	12	1.04	1.411	2.845	0.602	0.804	0.897	0.602	0.602	2.378	2.843
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			25.762								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0096

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	12	0	0.00	2	0	0.00	4	0	0.00	6	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	12	0	0.00	2	0	0.00	4	0	0.00	6	0	0.00			
00400	PH	Other-Hi Lim.	9.	12	0	0.00	2	0	0.00	4	0	0.00	6	0	0.00			
		Other-Lo Lim.	6.5	12	0	0.00	2	0	0.00	4	0	0.00	6	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: GATE0096

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	14	13	0.93	2	2	1.00	4	4	1.00	8	7	0.88			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	14	14	1.00	2	2	1.00	4	4	1.00	8	8	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0097

NPS Station ID: GATE0097
Location: JAMAICA BAY (J01)
Station Type: /TYPA/AMBNT/OCEAN
RMI-Indexes:
RMI-Miles:
HUC: 02030202
Major Basin: NORTHEAST
Minor Basin: LOWER HUDSON-N.Y. METROPOLI
RF1 Index: 02030202028
RF3 Index: 02030202002709.04
Description:

LAT/LON: 40.572781/ -73.884726
Depth of Water: 26
Elevation: 0
RF1 Mile Point: 35.580
RF3 Mile Point: 12.33

Agency: 1111H030
FIPS State/County: 36081 NEW YORK/QUEENS
STORET Station ID(s): 403422007353050/J01 /900
Within Park Boundary: Yes
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.25

Date Created: / /
On/Off RF1: ON
On/Off RF3:

Parameter Inventory for Station: GATE0097

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/03/66-08/24/66	12	15.75	14.45	24.4	3.6	67.963	8.244	3.72	4.7	22.875	24.01
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/22/65-08/24/66	13	15.	15.769	25.	5.	51.359	7.167	5.	9.	22.	25.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/03/66-08/24/66	12	2.05	2.383	4.1	1.5	0.752	0.867	1.5	1.625	3.2	3.86
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/03/66-08/24/66	12	29200.	28989.167	38100.	21000.	33291590.152	5769.886	21000.	24125.	32352.5	38100.
00300	OXYGEN, DISSOLVED MG/L	03/03/66-08/24/66	12	7.45	8.042	11.7	4.9	6.619	2.573	4.93	5.8	10.95	11.64
00310	BOD, 5 DAY, 20 DEG C MG/L	03/03/66-08/24/66	12	2.	1.958	3.2	0.6	0.577	0.76	0.72	1.425	2.275	3.17
00400	PH (STANDARD UNITS)	03/03/66-08/24/66	12	7.35	7.417	8.	7.2	0.065	0.255	7.2	7.2	7.5	7.94
00400	CONVERTED PH (STANDARD UNITS)	03/03/66-08/24/66	12	7.347	7.362	8.	7.2	0.068	0.262	7.2	7.2	7.5	7.94
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/03/66-08/24/66	12	0.045	0.043	0.063	0.01	0.	0.019	0.012	0.032	0.063	0.063
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/25/66-08/24/66	7	0.03	0.074	0.21	0.	0.007	0.082	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/03/66-08/24/66	12	0.03	0.028	0.05	0.	0.	0.013	0.006	0.02	0.038	0.047
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/03/66-08/24/66	12	0.09	0.118	0.2	0.07	0.003	0.05	0.07	0.083	0.178	0.197
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/03/66-08/24/66	12	0.92	0.813	1.5	0.	0.199	0.446	0.045	0.438	1.058	1.434
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/03/66-08/24/66	12	0.625	0.566	0.76	0.3	0.027	0.163	0.306	0.4	0.708	0.751
00940	CHLORIDE,TOTAL IN WATER MG/L	03/03/66-08/24/66	12	15350.	15425.	17300.	14000.	1162045.455	1077.982	14030.	14425.	16075.	17180.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/22/65-08/24/66	26	1100.	2647.769	27000.	52.	29786362.985	5457.688	256.	652.5	2250.	5630.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/22/65-08/24/66	26	3.041	3.045	4.431	1.716	0.316	0.562	2.305	2.814	3.352	3.647
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1110.333								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/03/66-08/24/66	12	190.	1345.	7700.	48.	6500228.	2549.554	49.2	125.	790.	7100.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/03/66-08/24/66	12	2.278	2.522	3.886	1.681	0.506	0.711	1.692	2.096	2.898	3.847
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			332.847								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	04/22/65-08/24/66	20	44.	221.55	1500.	1.	186505.945	431.863	2.2	12.	217.5	1293.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	04/22/65-08/24/66	20	1.613	1.636	3.176	0.	0.791	0.889	0.331	1.079	2.337	3.083
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			43.227								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0097

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	12	0	0.00	2	0	0.00	4	0	0.00	6	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	12	0	0.00	2	0	0.00	4	0	0.00	6	0	0.00			
00400	PH	Other-Hi Lim.	9.	12	0	0.00	2	0	0.00	4	0	0.00	6	0	0.00			
		Other-Lo Lim.	6.5	12	0	0.00	2	0	0.00	4	0	0.00	6	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: GATE0097

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	26	15	0.58	2	2	1.00	4	4	1.00	20	9	0.45			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	12	6	0.50	2	1	0.50	4	4	1.00	6	1	0.17			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0098

NPS Station ID: GATE0098
LAT/LON: 40.573059/ -73.885004
Agency: 21350000
Date Created: / /
Location: JAMAICA BAY
FIPS State/County: 36000 NEW YORK/
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): 403423007353060/J1
RMI-Indexes: 0133000
Within Park Boundary: Yes
RMI-Miles: 0000.00
HUC: 02030202
Depth of Water: 28
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-N.Y. METROPOLITAN AREA
ECO Region:
RF1 Index: 02030202028
RF1 Mile Point: 35.580
Distance from RF1: 0.60
On/Off RF1: ON
RF3 Index: 02030202002909.75
RF3 Mile Point: 14.16
Distance from RF3: 0.18
On/Off RF3:
Description:
STATION IS LOCATED IN ROCKAWAY INLET UNDER THE CENTER OF THE BRIDGE FROM BARREN ISLAND TO ROCKAWAY.
DATA COLLECTED BY CITY OF NEW YORK DEPARTMENT OF PUBLIC WORKS.

Parameter Inventory for Station: GATE0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/07/73-01/08/74	4	6.45	6.3	8.6	3.7	6.833	2.614	**	**	**	**
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	634	72.	71.186	81.	56.	17.965	4.239	65.	69.	74.	76.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/07/73-01/08/74	4	4.75	4.75	9.	0.5	24.083	4.907	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/07/73-01/08/74	4	4.5	4.375	6.	2.5	2.229	1.493	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/07/73-01/08/74	4	27150.	27075.	29200.	24800.	5769166.667	2401.909	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/07/73-01/08/74	4	40960.5	41005.5	41967.	40134.	947241.667	973.263	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	640	6.1	6.283	14.2	3.2	1.545	1.243	4.9	5.5	6.9	7.69
00310p	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	300	1.6	1.836	8.9	0.1	1.455	1.206	0.7	1.1	2.3	3.29
00403	PH, LAB, STANDARD UNITS SU	11/07/73-01/08/74	4	6.85	6.8	7.8	5.7	1.34	1.158	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	11/07/73-01/08/74	4	6.196	6.085	7.8	5.7	2.021	1.422	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/07/73-01/08/74	4	0.637	0.821	1.995	0.016	0.956	0.978	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/07/73-01/08/74	4	14830.	14482.5	15470.	12800.	1472425.	1213.435	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/07/73-01/08/74	4	6650.	8300.	13500.	6400.	12046666.667	3470.831	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/07/73-01/08/74	4	3.823	3.895	4.13	3.806	0.025	0.157	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			7861.112								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/11/53-09/15/66	275	1300.	3547.622	110000.	15.	62613835.696	7912.89	200.	400.	4600.	11000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/11/53-09/15/66	275	3.114	3.077	5.041	1.176	0.483	0.695	2.301	2.602	3.663	4.041
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1195.322								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/07/73-01/08/74	3	420.	420.	440.	400.	400.	20.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/07/73-01/08/74	3	2.623	2.623	2.643	2.602	0.	0.021	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			419.682								
70305	SALINITY BASED ON CONDUCTIVITY	11/07/73-01/08/74	4	26.15	26.125	26.7	25.5	0.322	0.568	**	**	**	**
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	636	88.	88.307	100.	74.	18.597	4.312	83.	86.	91.	94.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

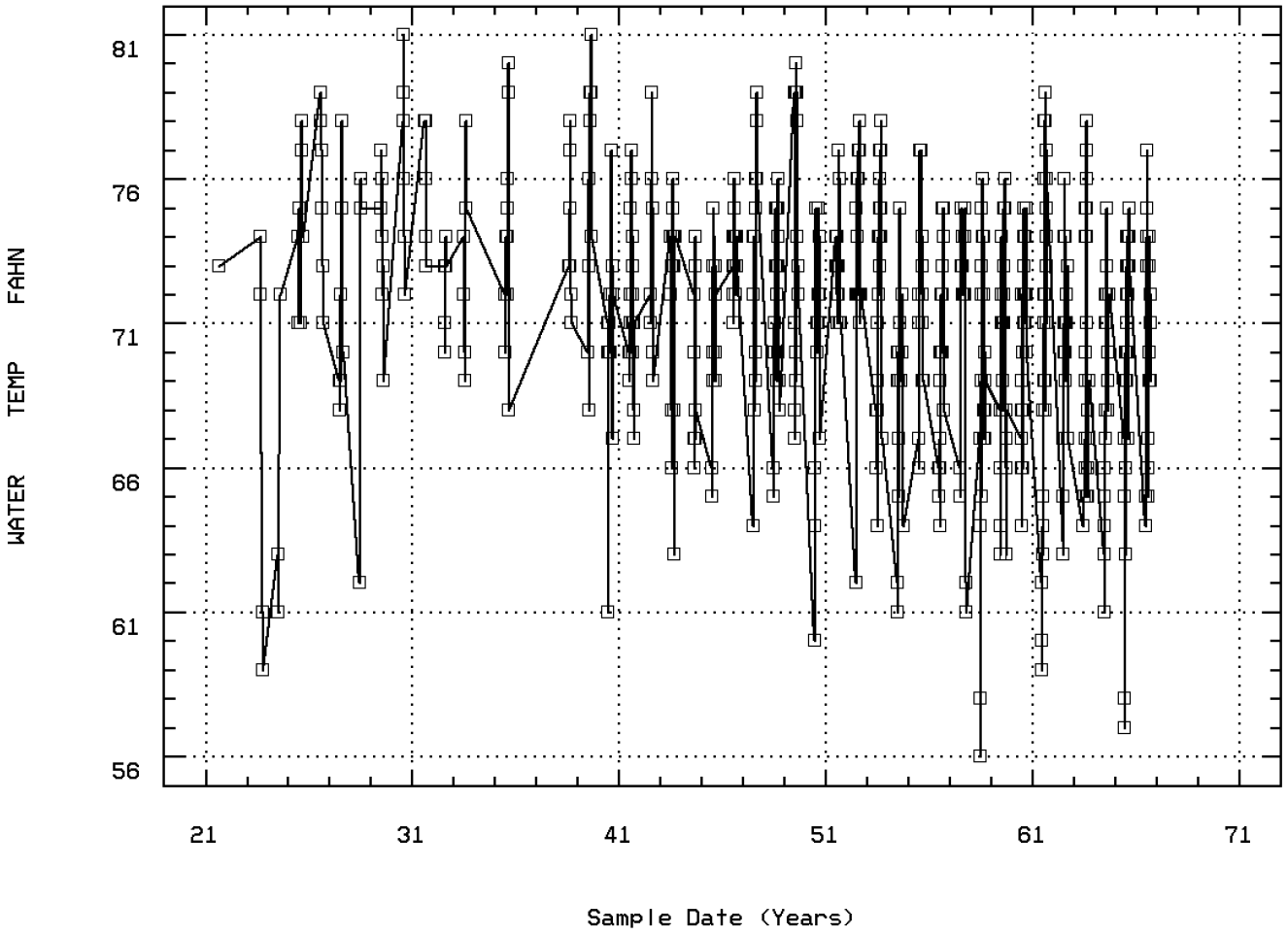
EPA Water Quality Criteria Analysis for Station: GATE0098

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	4	0	0.00				4	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	640	6	0.01	336	4	0.01	4	0	0.00	300	2	0.01			
00403	PH, LAB	Other-Hi Lim.	9.	4	0	0.00				4	0	0.00						
		Other-Lo Lim.	6.5	4	2	0.50				4	2	0.50						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	4	4	1.00				4	4	1.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	275	142	0.52	139	70	0.50				136	72	0.53			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	3	3	1.00				3	3	1.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station: GATE0098 Parameter Code: 00011

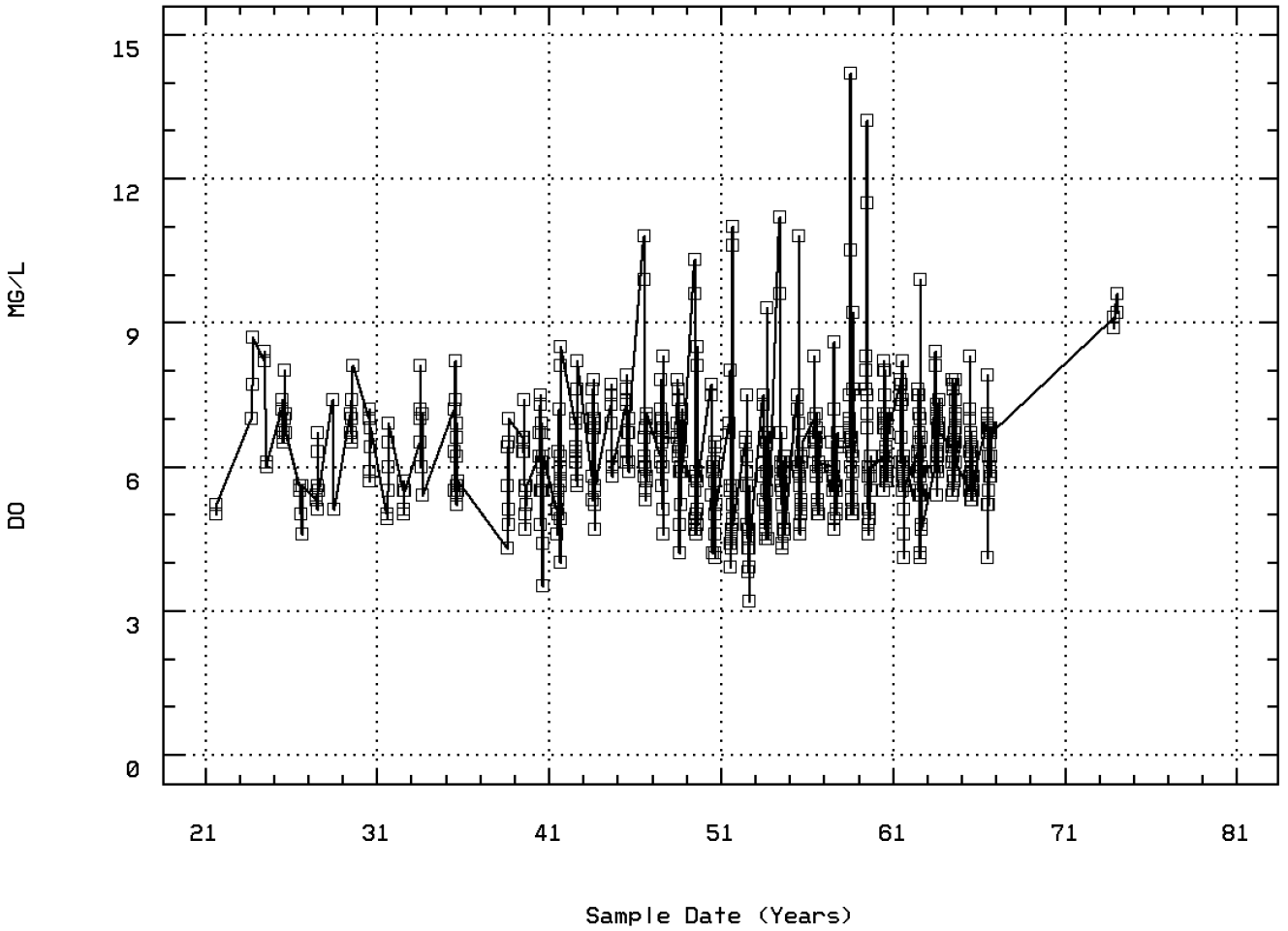
TEMPERATURE, WATER (DEGREES FAHRENHEIT)



JAMAICA BAY

Station: GATE0098 Parameter Code: 00300

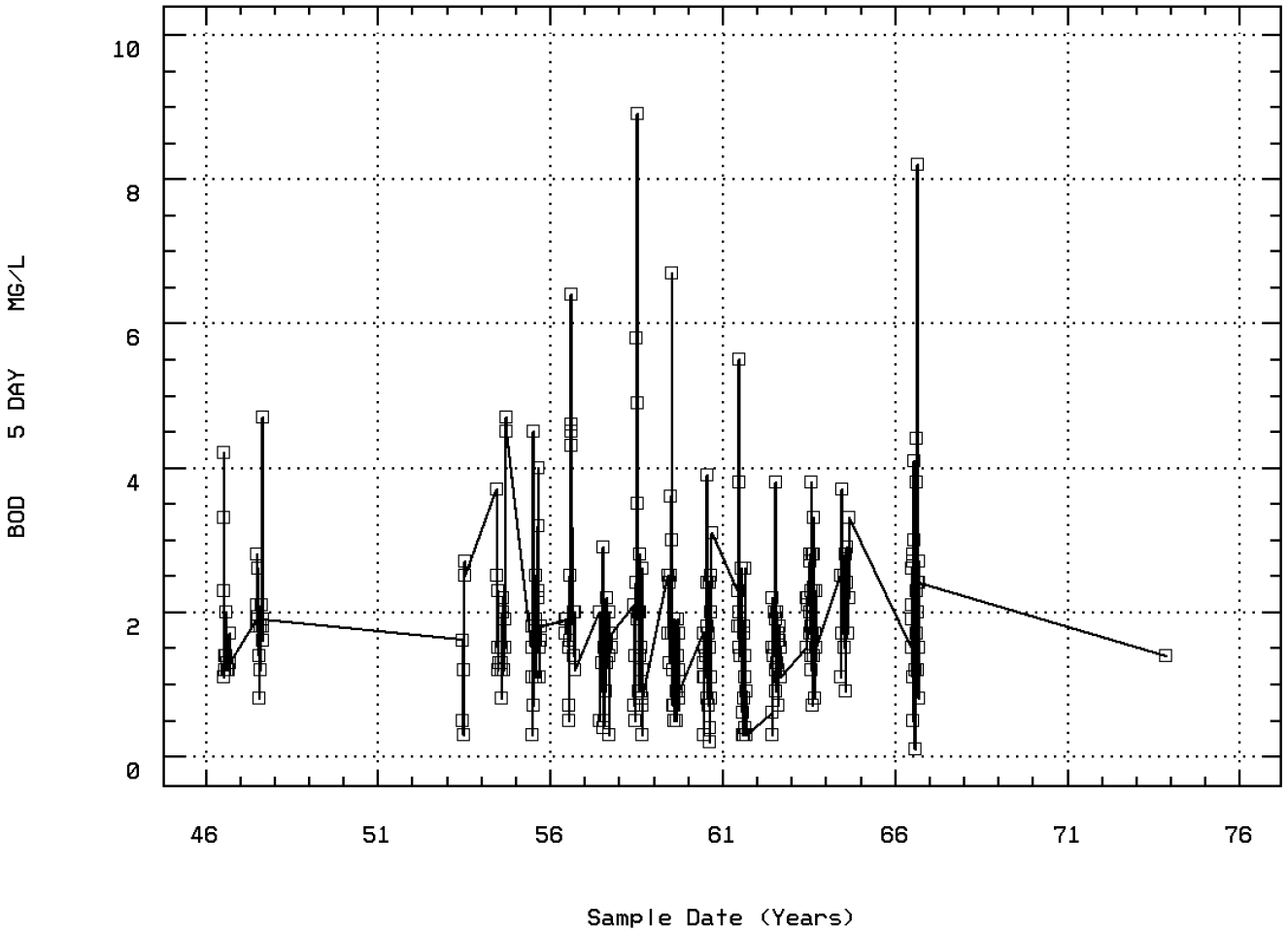
OXYGEN, DISSOLVED



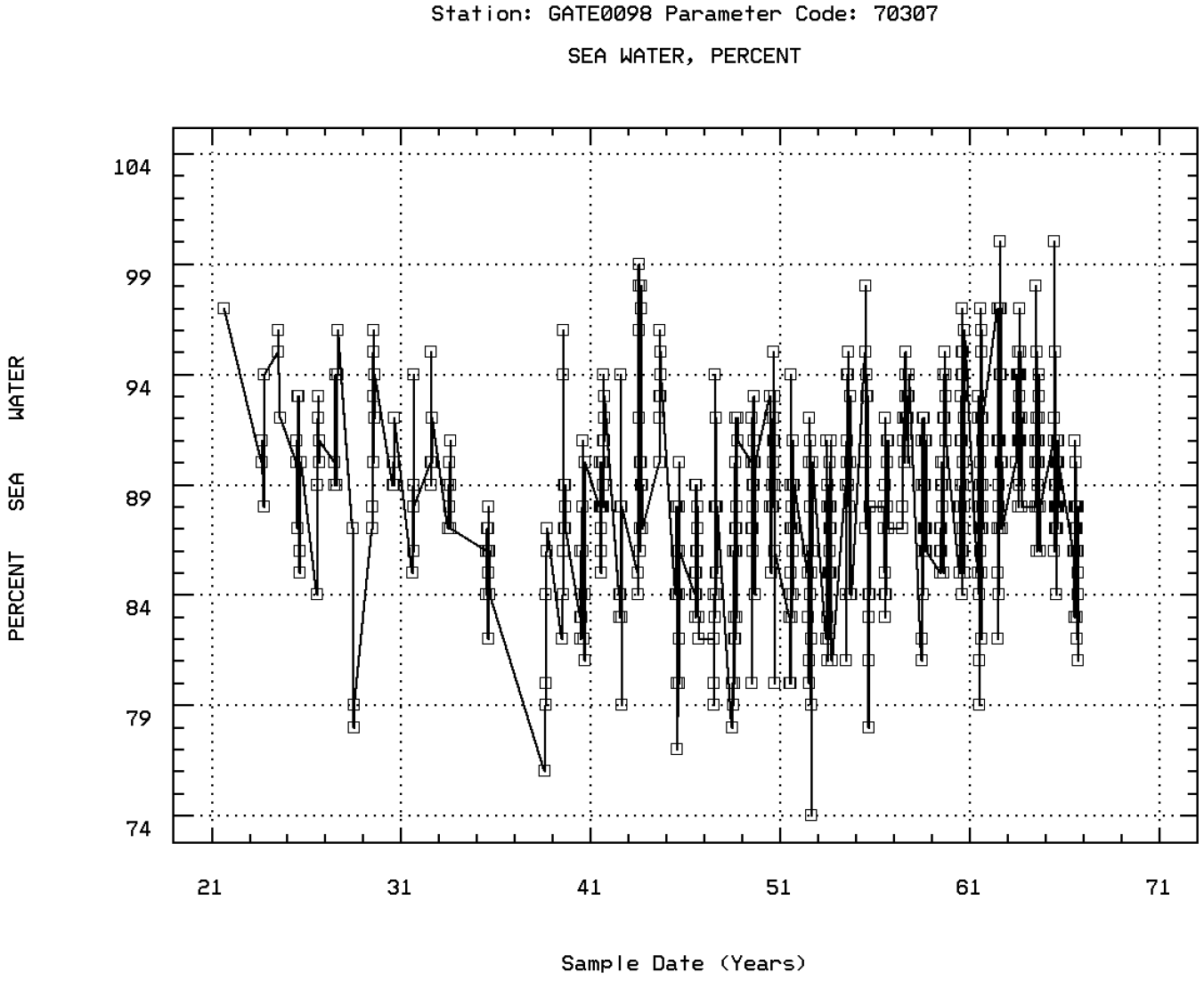
JAMAICA BAY

Station: GATE0098 Parameter Code: 00310

BOD, 5 DAY, 20 DEG C



JAMAICA BAY


Station: GATE0098 Parameter Code: 70307
SEA WATER, PERCENT
PERCENT SEA WATER
104
99
94
89
84
79
74
21
31
41
51
61
71
Sample Date (Years)

JAMAICA BAY

Annual Analysis for 1921 - Station GATE0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	2	73.	73.	73.	73.	0.	0.	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	2	5.1	5.1	5.2	5.	0.02	0.141	**	**	**	**
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	2	97.	97.	97.	97.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1923 - Station GATE0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	6	72.	68.667	74.	59.	46.267	6.802	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	6	7.	7.4	8.7	7.	0.484	0.696	**	**	**	**
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	6	90.5	90.667	94.	88.	3.867	1.966	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1924 - Station GATE0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	4	67.5	67.	72.	61.	34.	5.831	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	4	7.15	7.175	8.4	6.	1.696	1.302	**	**	**	**
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	4	93.5	93.75	96.	92.	4.25	2.062	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1925 - Station GATE0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	10	74.	74.	78.	71.	6.	2.449	71.	71.	75.5	77.9
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	10	6.85	6.97	8.	6.5	0.227	0.476	6.5	6.575	7.25	7.94
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	10	90.	89.8	93.	85.	8.622	2.936	85.1	86.75	93.	93.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1926 - Station GATE0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	6	76.	75.5	79.	71.	9.5	3.082	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	6	5.25	5.217	5.6	4.6	0.17	0.412	**	**	**	**
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	6	90.5	89.833	93.	84.	10.167	3.189	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1927 - Station GATE0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	8	70.	71.375	78.	68.	11.982	3.462	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	8	5.5	5.675	6.7	5.1	0.294	0.542	**	**	**	**
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	8	92.	91.875	96.	89.	8.411	2.9	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1928 - Station GATE0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	4	68.5	68.75	76.	62.	60.917	7.805	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	4	6.25	6.25	7.4	5.1	1.763	1.328	**	**	**	**
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	4	83.	82.75	87.	78.	24.25	4.924	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1929 - Station GATE0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	8	74.	73.75	77.	69.	6.214	2.493	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	8	7.05	7.188	8.1	6.5	0.401	0.633	**	**	**	**
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	8	92.5	91.875	96.	87.	10.696	3.271	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1930 - Station GATE0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	6	77.	76.667	81.	72.	11.067	3.327	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	6	6.6	6.5	7.2	5.7	0.368	0.607	**	**	**	**
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	6	89.5	89.833	92.	89.	1.367	1.169	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1931 - Station GATE0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	6	77.	76.167	78.	73.	4.967	2.229	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	6	5.75	5.8	6.9	4.9	0.656	0.81	**	**	**	**
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	6	87.	87.833	94.	85.	11.767	3.43	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1932 - Station GATE0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	6	72.	72.	74.	70.	2.4	1.549	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	6	5.5	5.383	5.7	5.	0.074	0.271	**	**	**	**
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	6	90.	91.	95.	89.	4.8	2.191	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1933 - Station GATE0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	8	74.5	73.875	78.	69.	11.268	3.357	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	8	6.75	6.663	8.1	5.4	0.737	0.858	**	**	**	**
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	8	88.5	88.5	91.	87.	2.286	1.512	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1935 - Station GATE0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	14	74.	73.429	80.	68.	12.418	3.524	68.	71.5	75.25	79.5
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	14	5.95	6.229	8.2	5.2	0.831	0.912	5.3	5.5	6.975	7.8
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	14	86.	85.5	88.	82.	2.885	1.698	83.	84.	87.	87.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1938 - Station GATE0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	8	73.	74.	78.	71.	6.	2.449	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	8	5.35	5.5	7.	4.3	1.086	1.042	**	**	**	**
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	8	79.5	80.875	87.	76.	18.411	4.291	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1939 - Station GATE0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	12	74.	74.167	81.	68.	20.333	4.509	68.	70.	78.75	80.4
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	12	5.95	5.942	7.4	4.7	0.634	0.796	4.79	5.275	6.575	7.16
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	12	87.	87.583	96.	82.	17.72	4.209	82.	84.5	89.	95.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1940 - Station GATE0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	16	71.	70.188	77.	61.	20.296	4.505	61.	67.75	72.	77.
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	16	6.05	5.906	7.5	3.5	1.118	1.057	4.13	5.5	6.7	7.36
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	16	84.	84.813	91.	81.	10.029	3.167	81.	82.	87.5	90.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1941 - Station GATE0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	20	71.	71.7	77.	67.	6.958	2.638	68.1	70.	73.75	75.9
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	20	5.65	5.925	8.5	4.	1.265	1.125	4.63	5.15	6.3	8.01
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	20	89.5	89.4	94.	85.	5.937	2.437	86.1	88.	91.	93.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1942 - Station GATE0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	10	75.	73.9	79.	69.	10.322	3.213	69.1	70.75	76.	78.7
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	10	6.35	6.6	8.2	5.6	0.684	0.827	5.61	6.	7.15	8.14
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	10	84.	85.5	94.	79.	16.944	4.116	79.4	83.	88.	93.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1943 - Station GATE0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	16	73.	71.563	76.	63.	13.996	3.741	65.1	68.	74.	75.3
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	16	6.7	6.4	7.8	4.7	0.851	0.922	5.05	5.525	7.	7.66
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	16	89.5	90.875	99.	84.	26.117	5.11	84.7	87.	96.75	98.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1944 - Station GATE0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	8	69.	69.625	74.	66.	9.411	3.068	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	8	6.55	6.675	7.7	5.8	0.582	0.763	**	**	**	**
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	8	93.5	93.375	96.	90.	3.411	1.847	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1945 - Station GATE0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	14	71.	70.857	75.	65.	9.055	3.009	65.5	69.	73.	75.
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	14	6.7	6.814	7.9	5.9	0.355	0.596	6.	6.25	7.325	7.75
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	14	84.	83.857	90.	77.	17.363	4.167	77.	80.	88.	89.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1946 - Station GATE0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	14	73.5	73.357	76.	71.	1.786	1.336	71.5	72.	74.	75.5
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	14	6.15	6.757	10.8	5.3	2.646	1.627	5.4	5.775	7.025	10.35
00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	14	1.35	1.771	4.2	1.1	0.85	0.922	1.15	1.2	2.075	3.75
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	14	85.5	85.571	89.	82.	5.033	2.243	82.5	83.75	87.25	89.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1947 - Station GATE0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	16	74.	72.313	79.	64.	21.696	4.658	64.	68.25	76.	78.3
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	16	6.7	6.525	8.3	4.6	0.871	0.933	4.95	6.025	7.	7.95
00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	16	1.85	1.963	4.7	0.8	0.803	0.896	0.94	1.45	2.1	3.37
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	16	85.	85.688	94.	79.	16.496	4.062	79.7	83.	88.	92.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1948 - Station GATE0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	24	71.5	71.458	76.	65.	8.694	2.949	67.	69.25	73.75	75.
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	24	6.35	6.346	7.8	4.2	0.838	0.916	5.	5.9	6.975	7.7

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1948 - Station GATE0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	24	86.	85.	92.	78.	17.391	4.17	79.	82.	87.75	91.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1949 - Station GATE0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	16	73.	73.625	80.	67.	17.983	4.241	67.7	70.25	78.75	79.3
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	16	5.7	6.25	10.3	4.6	3.316	1.821	4.67	4.925	7.55	9.81
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	16	89.	88.125	93.	80.	11.317	3.364	82.8	86.25	90.	92.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1950 - Station GATE0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	20	71.5	70.15	75.	60.	22.134	4.705	60.4	67.	74.	75.
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	20	5.55	5.55	7.7	4.1	1.052	1.026	4.2	4.7	6.075	7.4
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	20	89.	89.05	95.	80.	12.576	3.546	85.	86.5	92.	93.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1951 - Station GATE0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	18	73.	73.333	77.	71.	4.353	2.086	71.	71.	74.5	77.
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	18	5.35	6.067	11.	3.9	4.412	2.1	4.26	4.575	7.175	10.64
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	18	87.	86.333	94.	80.	13.176	3.63	80.	83.75	89.	91.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1952 - Station GATE0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	18	72.	72.722	78.	62.	20.448	4.522	62.	72.	76.25	77.1
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	18	4.75	5.122	7.5	3.2	1.277	1.13	3.74	4.3	5.975	6.69
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	18	85.	84.944	92.	74.	21.585	4.646	78.5	81.75	88.5	91.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1953 - Station GATE0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	20	73.5	72.05	78.	64.	17.945	4.236	66.1	68.	75.75	77.
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	20	5.85	5.94	9.3	4.5	1.479	1.216	4.51	4.925	6.6	7.48
00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	7	1.2	1.329	2.7	0.3	0.962	0.981	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/11/53-09/15/66	2	195.	195.	300.	90.	22050.	148.492	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/11/53-09/15/66	2	2.216	2.216	2.477	1.954	0.137	0.37	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			164.317								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1953 - Station GATE0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	20	86.5	85.85	91.	81.	10.976	3.313	81.	82.25	88.	90.9

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1954 - Station GATE0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	20	69.5	68.75	75.	61.	14.934	3.864	62.2	65.5	71.	74.7
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	20	5.8	5.97	11.2	4.3	2.826	1.681	4.42	4.75	6.1	9.31
00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	20	1.5	1.94	4.7	0.8	1.261	1.123	1.02	1.2	2.275	4.42
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/11/53-09/15/66	20	200.	3804.15	46000.	15.	106079707.292	10299.5	41.5	150.	3825.	10360.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/11/53-09/15/66	20	2.301	2.679	4.663	1.176	0.795	0.892	1.597	2.176	3.57	4.004
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			477.781								
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	20	89.5	88.85	95.	81.	17.292	4.158	84.	84.	92.5	94.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1955 - Station GATE0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	18	71.	71.278	77.	66.	15.036	3.878	66.	68.5	74.75	77.
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	18	5.95	6.144	10.8	4.6	2.001	1.415	4.78	5.175	6.6	7.83
00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	18	1.7	1.928	4.5	0.3	1.17	1.082	0.66	1.1	2.35	4.05
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/11/53-09/15/66	18	400.	849.	4600.	91.	1361890.824	1167.001	91.	200.	900.	2620.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/11/53-09/15/66	18	2.602	2.651	3.663	1.959	0.232	0.482	1.959	2.301	2.954	3.408
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			447.796								
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	18	89.	88.278	98.	78.	37.859	6.153	78.	83.75	93.25	95.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1956 - Station GATE0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	18	69.5	69.5	75.	64.	11.676	3.417	64.9	66.75	72.25	75.
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	18	6.05	6.139	8.3	5.	0.766	0.875	5.	5.275	6.725	7.22
00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	18	1.8	2.289	6.4	0.5	2.536	1.593	0.68	1.35	2.95	4.78
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/11/53-09/15/66	18	400.	1873.722	11000.	36.	12249091.036	3499.87	85.5	200.	1275.	11000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/11/53-09/15/66	18	2.602	2.709	4.041	1.556	0.469	0.685	1.919	2.301	3.061	4.041
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			511.813								
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	18	87.5	87.5	92.	83.	8.735	2.956	83.9	84.	90.25	91.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1957 - Station GATE0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	16	72.	70.75	75.	61.	20.867	4.568	61.7	67.5	74.	75.
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	18	5.65	5.911	8.6	4.7	0.869	0.932	4.88	5.4	6.425	7.34
00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	18	1.4	1.356	2.9	0.3	0.47	0.685	0.39	0.8	1.775	2.27
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/11/53-09/15/66	18	650.	2650.	11000.	36.	16212907.059	4026.525	85.5	91.	2950.	11000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/11/53-09/15/66	18	2.778	2.815	4.041	1.556	0.678	0.823	1.919	1.959	3.451	4.041

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1957 - Station GATE0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			653.605								
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	18	92.	91.611	95.	87.	4.252	2.062	87.9	90.	93.	94.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1958 - Station GATE0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	24	69.	69.208	76.	56.	25.303	5.03	61.	67.	73.75	74.5
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	24	6.4	6.867	14.2	5.	4.018	2.004	5.05	5.675	6.975	9.85
00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	24	1.45	2.142	8.9	0.3	3.878	1.969	0.6	0.825	2.55	5.35
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/11/53-09/15/66	24	900.	2295.833	11000.	200.	9025634.058	3004.269	300.	400.	2400.	7800.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/11/53-09/15/66	24	2.954	3.077	4.041	2.301	0.254	0.504	2.452	2.602	3.38	3.852
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1193.351								
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	24	87.	87.833	92.	81.	10.145	3.185	83.	86.	91.	92.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1959 - Station GATE0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	24	69.	69.542	76.	63.	13.824	3.718	63.5	67.25	72.	75.
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	24	6.	6.771	13.2	4.6	4.093	2.023	4.85	5.575	7.575	9.9
00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	24	1.55	1.767	6.7	0.5	1.75	1.323	0.6	0.9	2.275	3.3
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/11/53-09/15/66	24	700.	1950.583	11000.	15.	8644251.558	2940.111	36.	125.	2400.	6950.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/11/53-09/15/66	24	2.827	2.733	4.041	1.176	0.675	0.821	1.556	2.075	3.38	3.816
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			540.324								
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	24	89.5	89.667	95.	85.	9.71	3.116	85.	87.	92.	94.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1960 - Station GATE0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	26	72.	70.808	75.	64.	9.122	3.02	66.	68.	73.	75.
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	26	6.55	6.581	8.2	5.5	0.619	0.787	5.64	5.875	7.025	8.
00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	26	1.35	1.465	3.9	0.2	0.743	0.862	0.37	0.95	1.85	2.68
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/11/53-09/15/66	26	1500.	3488.462	24000.	400.	27878661.538	5280.025	400.	900.	2400.	11000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/11/53-09/15/66	26	3.176	3.246	4.38	2.602	0.231	0.481	2.602	2.954	3.38	4.041
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1761.615								
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	26	88.5	89.654	97.	84.	14.475	3.805	85.	86.75	93.25	95.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1961 - Station GATE0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	26	71.	70.154	79.	59.	34.535	5.877	61.4	64.75	75.25	78.
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	26	6.	6.269	8.2	4.1	1.153	1.074	4.95	5.575	7.425	7.73
00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	24	1.4	1.55	5.5	0.3	1.485	1.219	0.3	0.65	1.95	3.2
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/11/53-09/15/66	26	4600.	9534.615	110000.	200.	437698353.846	20921.242	340.	1500.	11000.	11000.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1961 - Station GATE0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/11/53-09/15/66	26	3.663	3.575	5.041	2.301	0.379	0.616	2.512	3.176	4.041	4.041
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			3760.954								
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	26	88.	88.308	97.	79.	19.662	4.434	81.7	85.75	92.	95.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1962 - Station GATE0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	26	71.	69.885	76.	63.	13.146	3.626	63.	67.	72.25	74.
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	26	5.95	6.142	9.9	4.1	1.476	1.215	4.55	5.4	6.775	7.53
00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	24	1.45	1.45	3.8	0.3	0.475	0.689	0.65	1.	1.775	2.1
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/11/53-09/15/66	26	3500.	4192.308	11000.	100.	17342338.462	4164.413	340.	400.	6200.	11000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/11/53-09/15/66	26	3.521	3.294	4.041	2.	0.404	0.635	2.512	2.602	3.757	4.041
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1968.244								
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	26	91.	91.308	100.	82.	21.982	4.688	84.7	87.	94.75	97.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1963 - Station GATE0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	26	69.	69.846	78.	64.	19.495	4.415	64.7	65.75	74.25	76.3
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	26	6.5	6.604	8.4	5.4	0.494	0.703	5.9	6.	7.025	7.61
00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	26	1.9	1.988	3.8	0.7	0.563	0.751	0.94	1.475	2.4	2.95
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/11/53-09/15/66	25	2400.	2904.	11000.	100.	11646233.333	3412.658	200.	400.	4600.	11000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/11/53-09/15/66	25	3.38	3.128	4.041	2.	0.37	0.608	2.301	2.602	3.663	4.041
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1343.682								
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	26	92.	92.231	97.	88.	6.425	2.535	88.7	90.75	94.	95.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1964 - Station GATE0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	24	70.	68.958	75.	61.	12.129	3.483	63.5	66.25	71.75	72.5
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	24	6.5	6.596	7.8	5.4	0.493	0.702	5.6	6.1	7.075	7.75
00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	14	2.3	2.157	3.7	0.9	0.756	0.87	0.95	1.4	2.825	3.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/11/53-09/15/66	24	3350.	4758.333	11000.	200.	15337318.841	3916.289	300.	2175.	9400.	11000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/11/53-09/15/66	24	3.507	3.479	4.041	2.301	0.254	0.504	2.452	3.337	3.947	4.041
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			3014.605								
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	24	90.	90.167	98.	86.	8.667	2.944	86.	88.	91.75	94.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1965 - Station GATE0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	24	70.5	69.5	75.	57.	23.652	4.863	60.5	67.	73.	74.
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	24	5.95	6.204	8.3	5.3	0.694	0.833	5.35	5.525	6.575	7.75
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	24	88.5	89.25	100.	84.	10.543	3.247	86.5	87.	90.75	93.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1966 - Station GATE0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	24	71.5	70.625	77.	64.	12.94	3.597	65.	67.5	73.	74.5
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	24	6.35	6.271	7.9	4.1	0.638	0.799	5.2	5.8	6.8	7.05
00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	24	2.2	2.375	8.2	0.1	2.69	1.64	0.65	1.275	2.775	4.25
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/11/53-09/15/66	24	1200.	2754.167	9200.	200.	8689547.101	2947.804	450.	800.	4925.	9200.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/11/53-09/15/66	24	3.078	3.208	3.964	2.301	0.217	0.466	2.628	2.903	3.685	3.964
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1615.717								
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	24	86.	86.125	91.	81.	5.418	2.328	82.5	85.25	87.75	89.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1973 - Station GATE0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	2	9.	9.	9.1	8.9	0.02	0.141	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

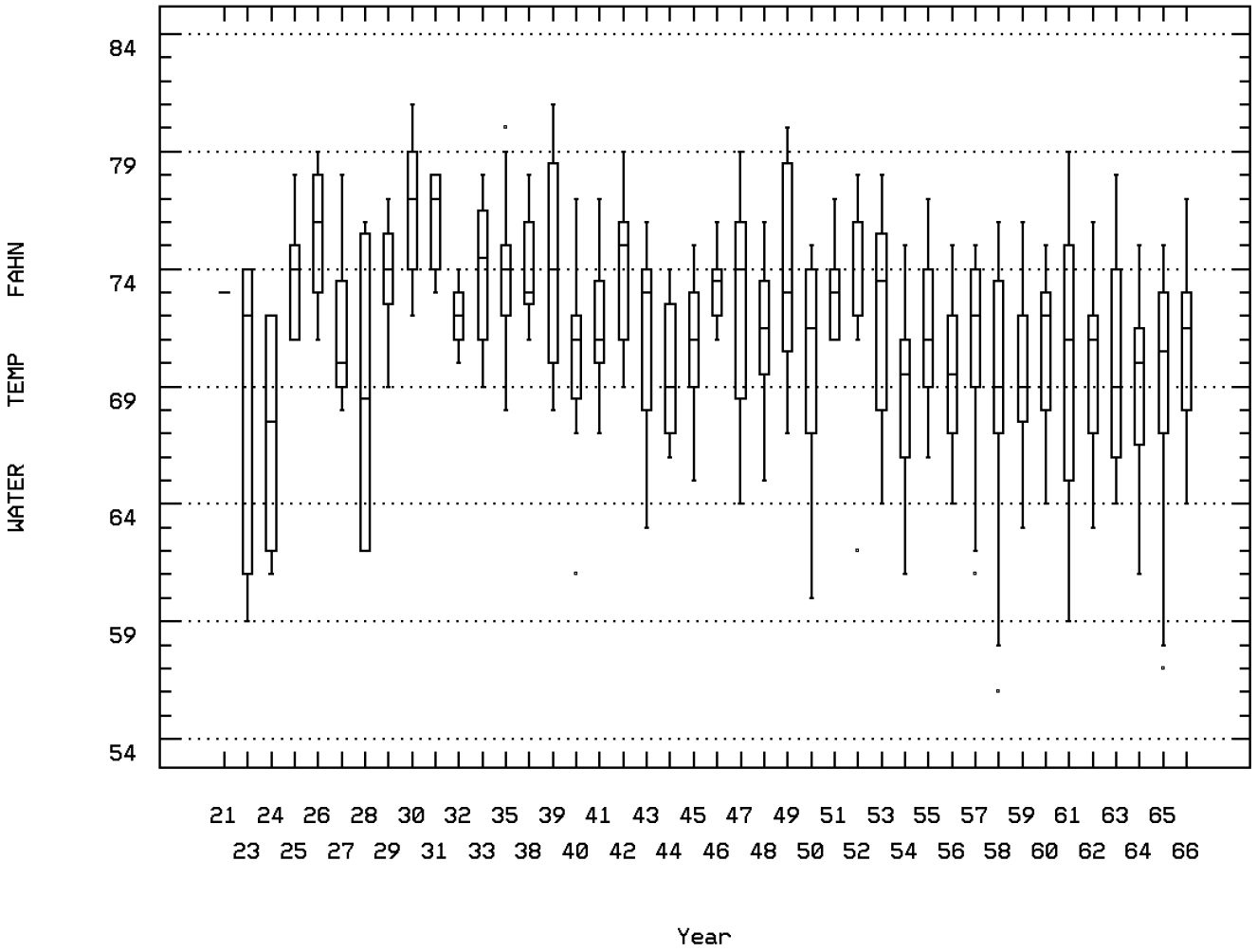
Annual Analysis for 1974 - Station GATE0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300p	OXYGEN, DISSOLVED MG/L	09/08/21-01/08/74	2	9.4	9.4	9.6	9.2	0.08	0.283	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	2	1.	1.	1.	1.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: GATE0098 Parameter Code: 00011

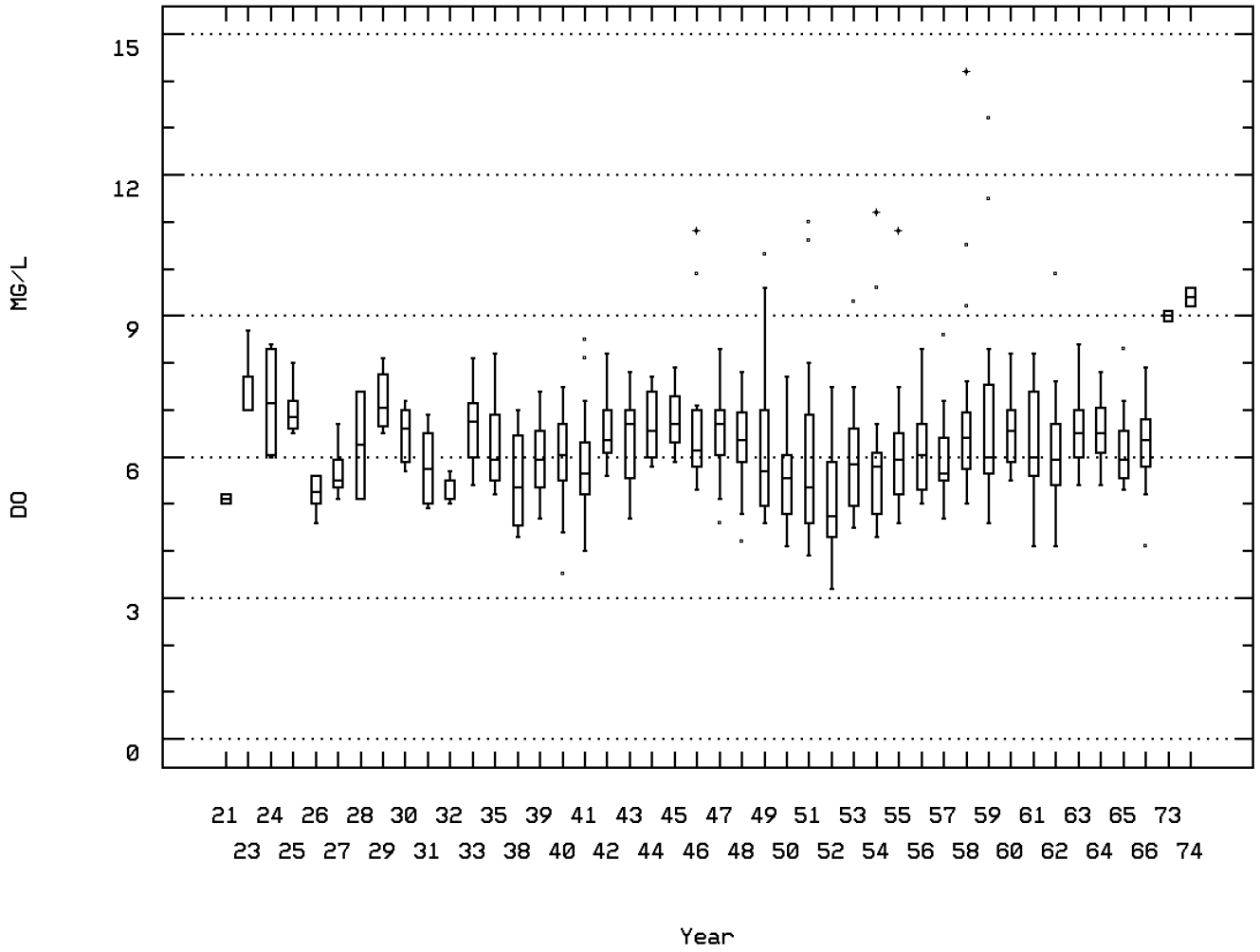
TEMPERATURE, WATER (DEGREES FAHRENHEIT)



JAMAICA BAY

Station: GATE0098 Parameter Code: 00300

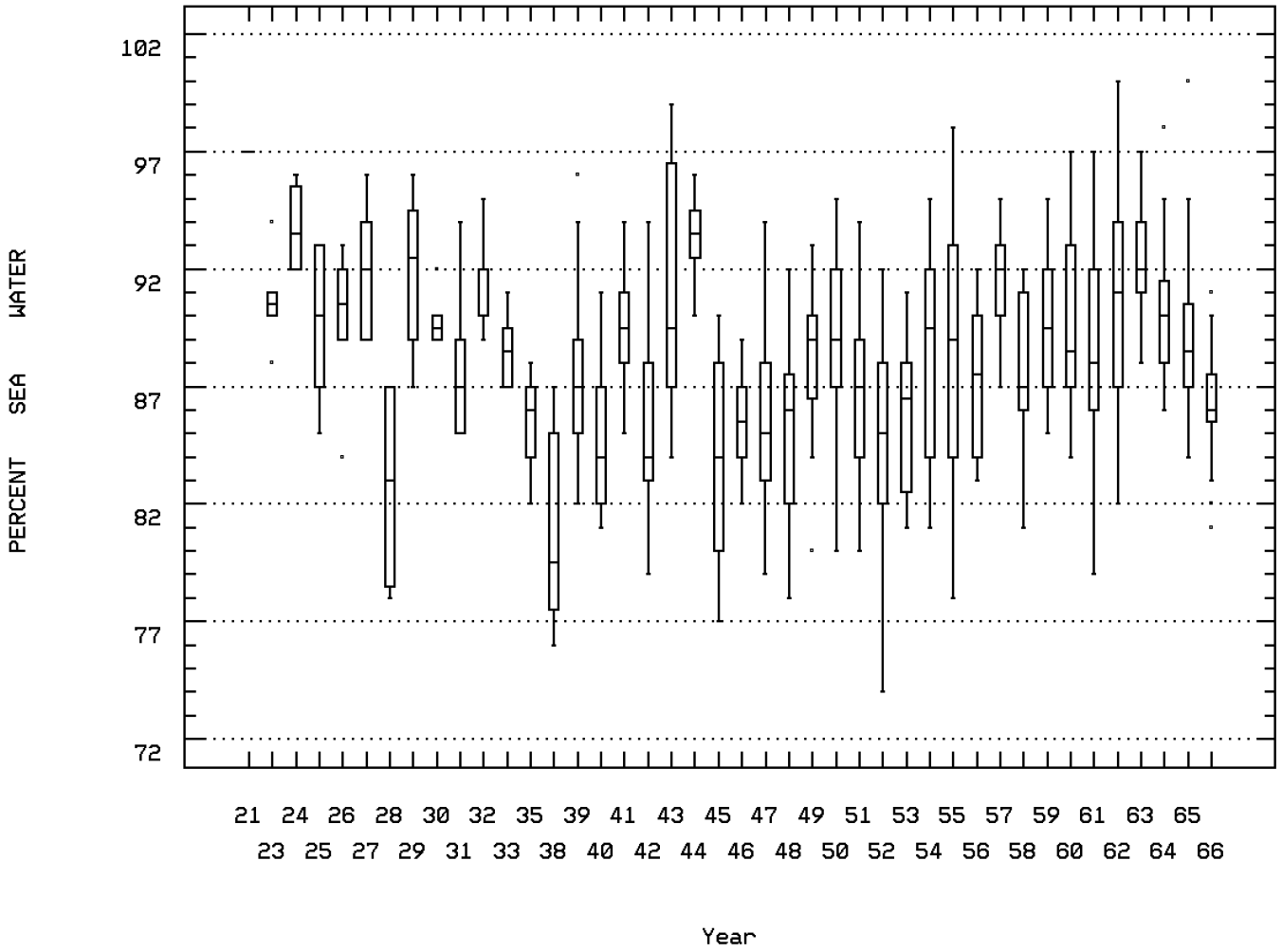
OXYGEN, DISSOLVED



JAMAICA BAY

Station: GATE0098 Parameter Code: 70307

SEA WATER, PERCENT



JAMAICA BAY

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	336	72.	72.196	81.	59.	12.23	3.497	68.	70.	74.	77.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/11/53-09/15/66	139	1000.	2787.187	11000.	15.	12231355.646	3497.336	200.	400.	4600.	11000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/11/53-09/15/66	139	3.	3.04	4.041	1.176	0.449	0.67	2.301	2.602	3.663	4.041
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1096.642								
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	336	89.	88.652	100.	74.	16.968	4.119	83.7	86.	91.	94.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

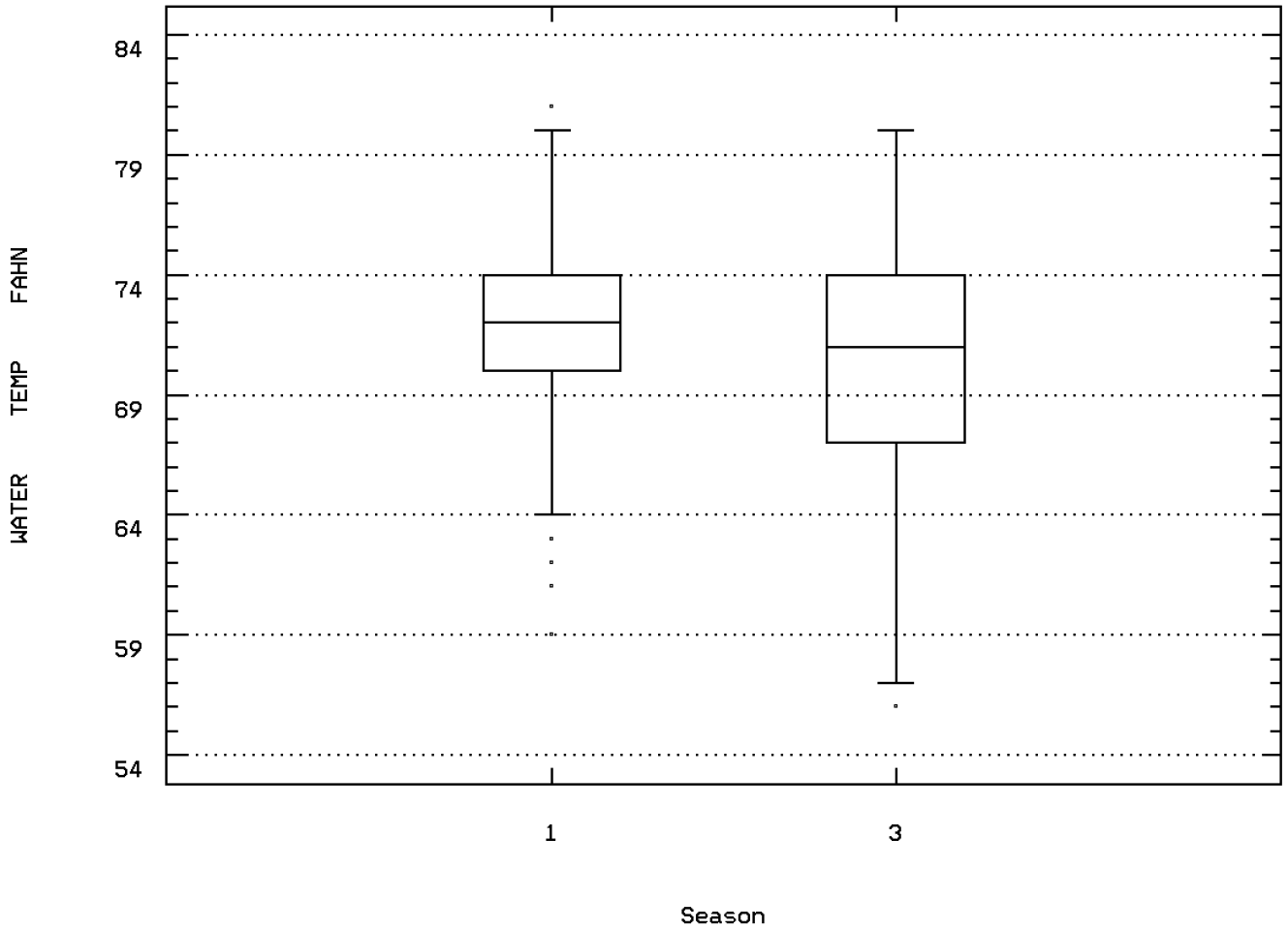
Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/08/21-09/15/66	298	71.	70.047	80.	56.	22.038	4.694	64.	67.	74.	76.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/11/53-09/15/66	136	1500.	4324.831	110000.	15.	113375809.505	10647.808	185.	400.	4600.	11000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/11/53-09/15/66	136	3.176	3.116	5.041	1.176	0.518	0.72	2.264	2.602	3.663	4.041
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1305.362								
70307p	SEA WATER, PERCENT	09/08/21-09/15/66	300	88.	87.92	100.	76.	20.201	4.495	82.	85.	91.	94.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: GATE0098 Parameter Code: 00011

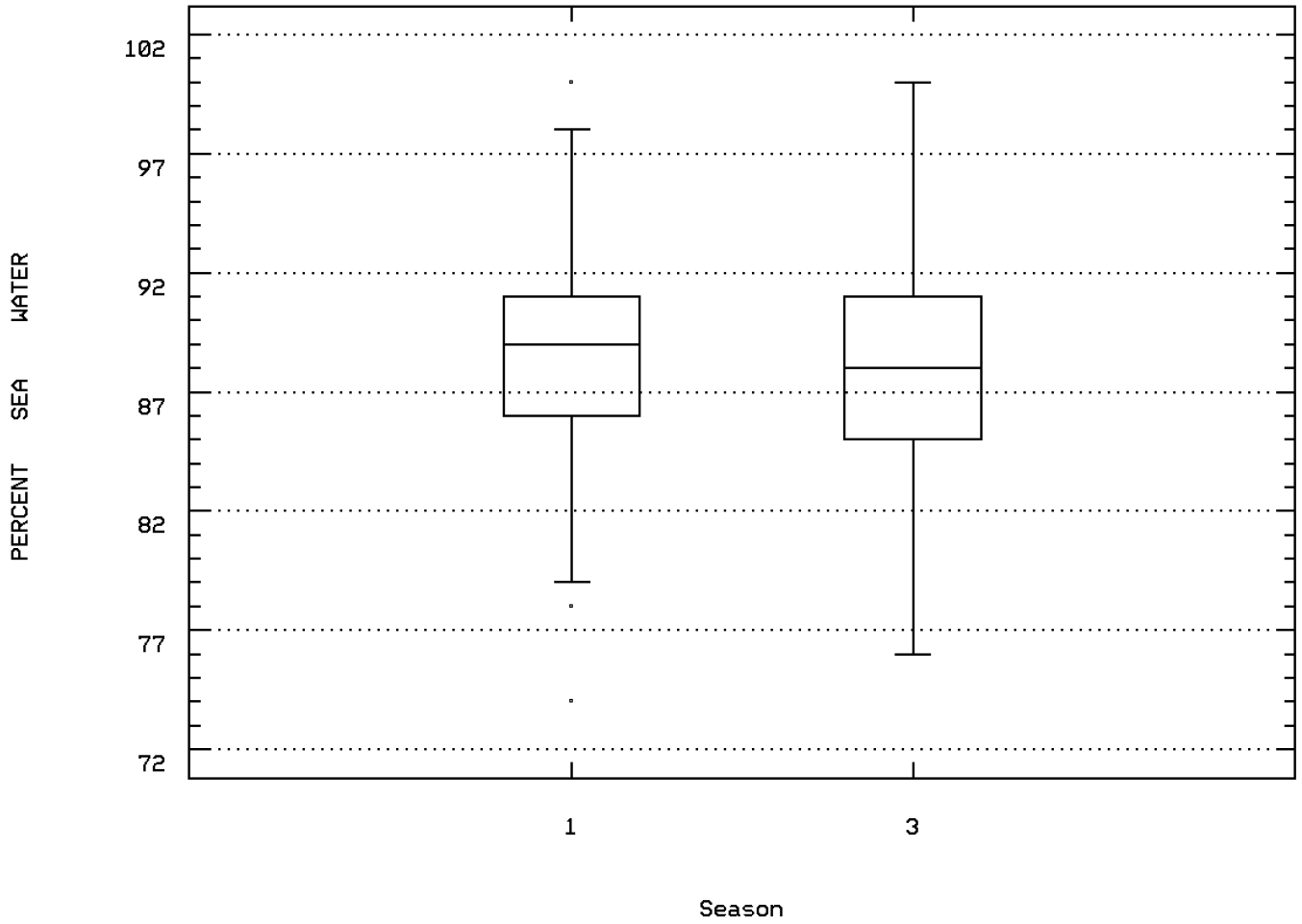
TEMPERATURE, WATER (DEGREES FAHRENHEIT)



JAMAICA BAY

Station: GATE0098 Parameter Code: 70307

SEA WATER, PERCENT



JAMAICA BAY

Station Inventory for Station: GATE0099

NPS Station ID: GATE0099
LAT/LON: 40.567337/ -73.885004
Agency: REGII208
Date Created: 05/25/78
Location: JAMAICA BAY
FIPS State/County: 36081 NEW YORK/QUEENS
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): NYC001J1 /J1
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02030202
Depth of Water: 35
Aquifer:
Major Basin: 100 YD EAST OF MARINE
Elevation: 0
Water Body Id:
Minor Basin: PARK BRIDGE
ECO Region:
RF1 Index: 02030202028
RF1 Mile Point: 3.630
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02030201000101.63
RF3 Mile Point: 8.82
Distance from RF3: 0.09
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0099

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/15/76-07/18/77	4	12.5	12.425	22.5	2.2	135.356	11.634	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	12/15/76-07/18/77	4	8.75	8.7	11.1	6.2	7.687	2.772	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	12/15/76-07/18/77	2	2.1	2.1	2.6	1.6	0.5	0.707	**	**	**	**
00400	PH (STANDARD UNITS)	12/15/76-12/15/76	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/15/76-12/15/76	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/15/76-12/15/76	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	12/15/76-07/18/77	2	6.5	6.5	7.	6.	0.5	0.707	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/15/76-07/18/77	2	0.295	0.295	0.47	0.12	0.061	0.247	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/15/76-07/18/77	2	0.022	0.022	0.03	0.014	0.	0.011	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/15/76-07/18/77	2	0.108	0.108	0.17	0.045	0.008	0.088	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/15/76-07/18/77	2	0.695	0.695	0.93	0.46	0.11	0.332	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/15/76-07/18/77	2	0.14	0.14	0.17	0.11	0.002	0.042	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	12/15/76-07/18/77	4	16050.	16175.	16900.	15700.	342500.	585.235	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	12/15/76-12/15/76	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	12/15/76-12/15/76	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	12/15/76-12/15/76	1	18.	18.	18.	18.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	12/15/76-12/15/76	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	12/15/76-12/15/76	1	8.	8.	8.	8.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	12/15/76-12/15/76	1	51.	51.	51.	51.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	12/15/76-07/18/77	2	1800.	1800.	2300.	1300.	500000.	707.107	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	12/15/76-07/18/77	2	3.238	3.238	3.362	3.114	0.031	0.175	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1729.162								
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/15/76-07/18/77	2	5.	5.	5.	5.	0.	0.	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/15/76-07/18/77	2	0.699	0.699	0.699	0.699	0.	0.	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			5.								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/15/76-07/18/77	2	5.	5.	5.	5.	0.	0.	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/15/76-07/18/77	2	0.699	0.699	0.699	0.699	0.	0.	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			5.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/15/76-07/18/77	2	640.	640.	790.	490.	45000.	212.132	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/15/76-07/18/77	2	2.794	2.794	2.898	2.69	0.022	0.147	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			622.174								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	12/15/76-07/18/77	2	0.064	0.064	0.069	0.059	0.	0.007	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	12/15/76-12/15/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0099

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00				2	0	0.00	2	0	0.00			
00400	PH	Other-Hi Lim.	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
01027	CADMIUM, TOTAL	Marine Acute	43.	1	0	0.00				1	0	0.00						
01042	COPPER, TOTAL	Marine Acute	2.9	1	1	1.00				1	1	1.00						
01051	LEAD, TOTAL	Marine Acute	220.	1	0	0.00				1	0	0.00						
01067	NICKEL, TOTAL	Marine Acute	75.	1	0	0.00				1	0	0.00						
01092	ZINC, TOTAL	Marine Acute	95.	1	0	0.00				1	0	0.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	2	1.00				1	1	1.00	1	1	1.00			
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	2	0	0.00				1	0	0.00	1	0	0.00			
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	2	0	0.00				1	0	0.00	1	0	0.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	2	2	1.00				1	1	1.00	1	1	1.00			
71900	MERCURY, TOTAL	Marine Acute	2.1	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0100

NPS Station ID: GATE0100
LAT/LON: 40.573337/ -73.885281
Agency: 1111H030
Date Created: / /
Location: JAMAICA BAY CHLORINATION STUDY
FIPS State/County: 36047 NEW YORK/KINGS
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): J01A
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02030202
Depth of Water: 30
Aquifer:
Major Basin: MARINE PARKWAY BRIDGE
Elevation: 0
Water Body Id:
Minor Basin: SEE STATION DESC. FOR DETAI
ECO Region:
RF1 Index: 02030202029
RF1 Mile Point: 0.250
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02030201000101.63
RF3 Mile Point: 3.37
Distance from RF3: 0.42
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0100

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GATE0101

NPS Station ID: GATE0101
LAT/LON: 40.573337/ -73.885559
Agency: 31ISC2RS
Date Created: 11/07/81
Location: ROCKAWAY INLET
FIPS State/County: 36047 NEW YORK/KINGS
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): RI-02 /RI02 /4302
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02030202
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METROPOLITAN AREA
ECO Region:
RF1 Index: 02030202029
RF1 Mile Point: 0.250
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02030202002709.04
RF3 Mile Point: 12.36
Distance from RF3: 0.44
On/Off RF3:
Description:
KAWAY INLET UNDER CENTER OF BRIDGE FROM BARRAN ISLAND TO ROCKAWAY

Parameter Inventory for Station: GATE0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-08/11/86	102	18.15	15.573	26.2	0.	62.657	7.916	2.36	9.025	22.6	24.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-08/11/86	90	2.	2.256	6.	1.	1.001	1.001	1.	2.	3.	4.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-08/11/86	93	42000.	41733.333	50000.	27000.	23301159.42	4827.127	35400.	39000.	45000.	48800.
00300	OXYGEN, DISSOLVED MG/L	07/30/74-08/11/86	100	7.55	8.253	15.2	4.6	6.806	2.609	5.61	6.4	9.2	12.3
00310	BOD, 5 DAY, 20 DEG C MG/L	07/30/74-02/22/82	50	3.1	3.608	10.4	0.6	4.262	2.064	1.62	2.3	4.3	5.98
00400	PH (STANDARD UNITS)	02/19/75-05/26/82	68	7.65	7.725	8.5	7.1	0.086	0.294	7.4	7.6	7.9	8.2
00400	CONVERTED PH (STANDARD UNITS)	02/19/75-05/26/82	68	7.647	7.639	8.5	7.1	0.094	0.306	7.4	7.6	7.9	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/19/75-05/26/82	68	0.023	0.023	0.079	0.003	0.	0.014	0.006	0.013	0.025	0.04
00560	OIL & GREASE (FREON EXTR.-IR METHOD) TOT,REC,MG/L	08/13/75-08/11/86	18	0.1	0.422	3.1	0.	0.605	0.778	0.	0.	0.525	1.75
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/13/74-08/11/86	41	0.39	0.382	0.92	0.005	0.058	0.241	0.07	0.195	0.55	0.716
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/13/74-10/08/75	10	0.07	0.071	0.1	0.04	0.	0.022	0.041	0.05	0.093	0.1
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/13/74-10/08/75	10	0.51	0.783	2.22	0.34	0.428	0.655	0.342	0.405	0.943	2.174
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/18/76-08/11/86	13	0.81	0.785	1.35	0.13	0.14	0.374	0.186	0.515	1.1	1.314
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/18/76-08/11/86	30	0.2	0.283	1.54	0.03	0.082	0.287	0.062	0.12	0.345	0.537
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/29/76-08/11/86	29	0.13	0.161	1.28	0.04	0.049	0.221	0.05	0.07	0.16	0.21
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/13/74-08/11/86	40	0.05	0.063	0.19	0.005	0.002	0.047	0.01	0.02	0.098	0.12
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	89	9.	9.854	24.	1.	26.035	5.102	4.	6.	13.	18.
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	94	32.	31.883	50.	19.	14.513	3.81	28.	30.	34.	37.
00940	CHLORIDE,TOTAL IN WATER MG/L	07/30/74-04/09/75	12	15700.	15450.	16600.	13800.	844545.455	918.992	13980.	14625.	16175.	16570.
01000	ARSENIC, DISSOLVED (UG/L AS AS)	02/18/76-05/09/79	2	## 5.	5.	5.	5.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	02/18/76-08/11/86	14	## 2.5	3.071	6.	1.	4.687	2.165	1.	1.	5.25	6.
01025	CADMIUM, DISSOLVED (UG/L AS CD)	02/18/76-03/15/82	18	## 0.25	0.428	1.	0.25	0.085	0.292	0.25	0.25	0.55	1.
01027	CADMIUM, TOTAL (UG/L AS CD)	08/13/74-08/11/86	35	0.5	1.057	5.	0.25	1.291	1.136	0.25	0.25	1.	3.
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	02/18/76-03/15/82	18	## 2.5	1.861	2.5	0.5	0.788	0.888	0.5	0.875	2.5	2.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/13/74-08/11/86	36	## 2.5	3.208	24.	0.5	17.52	4.186	0.5	2.	2.5	5.
01035	COBALT, DISSOLVED (UG/L AS CO)	02/18/76-03/15/82	12	## 0.75	2.833	13.	0.5	14.197	3.768	0.5	0.5	4.75	10.9
01037	COBALT, TOTAL (UG/L AS CO)	12/18/74-03/02/83	18	3.	4.639	15.	0.5	22.377	4.73	0.5	0.5	9.	13.2
01040	COPPER, DISSOLVED (UG/L AS CU)	02/18/76-03/15/82	18	22.5	22.083	60.	0.5	174.301	13.202	6.35	13.5	30.	36.6
01042	COPPER, TOTAL (UG/L AS CU)	08/13/74-08/11/86	36	30.	39.139	158.	1.	1186.466	34.445	5.7	17.5	48.75	77.6
01045	IRON, TOTAL (UG/L AS FE)	12/18/74-08/11/86	23	123.	133.304	360.	18.	9740.221	98.693	22.	55.	158.	323.4
01046	IRON, DISSOLVED (UG/L AS FE)	02/18/76-03/15/82	12	18.5	42.	204.	6.	3129.273	55.94	6.6	12.	53.75	167.7
01049	LEAD, DISSOLVED (UG/L AS PB)	02/18/76-03/15/82	18	5.	5.583	15.	2.5	13.037	3.611	2.5	2.5	8.5	10.5
01051	LEAD, TOTAL (UG/L AS PB)	08/13/74-08/11/86	35	13.	15.971	65.	2.5	187.999	13.711	2.5	9.	20.	40.
01065	NICKEL, DISSOLVED (UG/L AS NI)	02/18/76-03/15/82	18	## 2.5	3.5	7.	2.5	2.324	1.524	2.5	2.5	5.	6.1
01067	NICKEL, TOTAL (UG/L AS NI)	08/13/74-08/11/86	35	6.	13.029	80.	2.5	303.793	17.43	2.5	5.	17.	29.
01075	SILVER, DISSOLVED (UG/L AS AG)	02/18/76-03/15/82	12	1.	1.292	3.	0.5	0.794	0.891	0.5	0.625	1.75	3.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GATE0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01077	SILVER, TOTAL (UG/L AS AG)	12/18/74-08/11/86	24	2.5	4.229	20.	0.5	29.956	5.473	0.5	1.	5.75	15.
01090	ZINC, DISSOLVED (UG/L AS ZN)	02/18/76-03/15/82	16	44.5	50.125	125.	13.	809.45	28.451	15.8	29.5	68.	97.7
01092	ZINC, TOTAL (UG/L AS ZN)	08/13/74-08/11/86	34	60.	66.235	250.	0.5	2704.291	52.003	9.	30.	95.	130.5
01100	TIN, DISSOLVED (UG/L AS SN)	02/18/76-07/22/81	11 ##	25.	25.	25.	25.	0.	0.	25.	25.	25.	25.
01102	TIN, TOTAL (UG/L AS SN)	02/18/76-03/02/83	13 ##	25.	32.692	100.	25.	456.731	21.371	25.	25.	25.	80.
01105	ALUMINUM, TOTAL (UG/L AS AL)	07/09/75-03/02/83	15	70.	88.6	386.	20.	8060.114	89.778	20.	40.	110.	238.4
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	02/18/76-03/15/82	11	20.	28.727	68.	10.	357.018	18.895	10.	18.	50.	64.4
31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	06/08/77-09/09/82	18	2250.	13234.167	100000.	5.	743368159.559	27264.779	36.5	405.	6025.	64000.
31504	LOG COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,	06/08/77-09/09/82	18	3.352	3.181	5.	0.699	1.251	1.119	1.512	2.544	3.764	4.8
31504	GM COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,3	GEOMETRIC MEAN =			1517.493								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/02/83-08/11/86	9	2400.	5991.111	24000.	20.	69338711.111	8326.987	20.	1000.	10700.	24000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/02/83-08/11/86	9	3.38	3.285	4.38	1.301	0.803	0.896	1.301	2.98	3.968	4.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1928.841								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	08/13/74-09/09/82	42	235.	3665.905	100000.	5.	239036497.503	15460.805	12.4	81.5	1025.	5550.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	08/13/74-09/09/82	42	2.37	2.453	5.	0.699	0.911	0.955	1.077	1.911	3.01	3.741
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			283.527								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/02/83-08/11/86	9	790.	1758.889	9200.	10.	8325961.111	2885.474	10.	250.	1950.	9200.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/02/83-08/11/86	9	2.898	2.749	3.964	1.	0.7	0.837	1.	2.374	3.286	3.964
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			561.358								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	07/09/75-08/11/86	37	15.	22.162	75.	0.	437.917	20.926	1.6	7.	31.5	63.2
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	07/09/75-08/11/86	36	2.	2.75	8.	0.	6.593	2.568	0.	0.25	5.	6.6
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	07/09/75-08/11/86	36	13.	13.889	45.	0.	144.387	12.016	0.	3.	21.5	32.
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	08/27/75-08/25/81	8	2.5	2.563	5.	0.5	3.888	1.972	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	08/13/74-08/11/86	32	0.15	0.288	3.4	0.05	0.349	0.59	0.05	0.05	0.3	0.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0101

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------8/01-10/31---------- Obs	Exceed	Prop.	----------11/01-3/31---------- Obs	Exceed	Prop.	----------4/01-7/31---------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	90	0	0.00	29	0	0.00	26	0	0.00	35	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	100	0	0.00	36	0	0.00	28	0	0.00	36	0	0.00			
00400	PH	Other-Hi Lim.	8.5	68	2	0.03	20	0	0.00	19	2	0.11	29	0	0.00			
		Other-Lo Lim.	6.5	68	0	0.00	20	0	0.00	19	0	0.00	29	0	0.00			
01000	ARSENIC, DISSOLVED	Marine Acute	69.	2	0	0.00				1	0	0.00	1	0	0.00			
01002	ARSENIC, TOTAL	Marine Acute	69.	14	0	0.00	4	0	0.00	8	0	0.00	2	0	0.00			
01025	CADMIUM, DISSOLVED	Marine Acute	43.	18	0	0.00	2	0	0.00	9	0	0.00	7	0	0.00			
01027	CADMIUM, TOTAL	Marine Acute	43.	35	0	0.00	9	0	0.00	16	0	0.00	10	0	0.00			
01040	COPPER, DISSOLVED	Marine Acute	2.9	18	17	0.94	2	2	1.00	9	9	1.00	7	6	0.86			
01042	COPPER, TOTAL	Marine Acute	2.9	36	35	0.97	10	10	1.00	16	16	1.00	10	9	0.90			
01049	LEAD, DISSOLVED	Marine Acute	220.	18	0	0.00	2	0	0.00	9	0	0.00	7	0	0.00			
01051	LEAD, TOTAL	Marine Acute	220.	35	0	0.00	9	0	0.00	16	0	0.00	10	0	0.00			
01065	NICKEL, DISSOLVED	Marine Acute	75.	18	0	0.00	2	0	0.00	9	0	0.00	7	0	0.00			
01067	NICKEL, TOTAL	Marine Acute	75.	35	1	0.03	9	0	0.00	16	1	0.06	10	0	0.00			
01075	SILVER, DISSOLVED	Marine Acute	0.12	9 &	9	1.00	1	1	1.00	5	5	1.00	3	3	1.00			
01077	SILVER, TOTAL	Marine Acute	0.12	19 &	19	1.00	5	5	1.00	10	10	1.00	4	4	1.00			
01090	ZINC, DISSOLVED	Marine Acute	95.	16	1	0.06	2	0	0.00	8	1	0.13	6	0	0.00			
01092	ZINC, TOTAL	Marine Acute	95.	34	9	0.26	10	4	0.40	14	4	0.29	10	1	0.10			
31504	COLIFORM,TOT,MEMBRANE FILTR,IMMED. LES-E	Other-Hi Lim.	1000.	18	11	0.61	6	3	0.50	6	5	0.83	6	3	0.50			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	9	7	0.78	2	1	0.50	4	4	1.00	3	2	0.67			
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	42	23	0.55	16	7	0.44	11	9	0.82	15	7	0.47			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	9	7	0.78	2	2	1.00	4	4	1.00	3	1	0.33			
71900	MERCURY, TOTAL	Marine Acute	2.1	32	1	0.03	10	0	0.00	16	1	0.06	6	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1974 - Station GATE0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-08/11/86	8	16.55	16.3	23.	8.5	30.666	5.538	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-08/11/86	3	48500.	46000.	49000.	40500.	22750000.	4769.696	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/30/74-08/11/86	8	6.7	7.	9.2	4.9	2.586	1.608	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	7	7.	10.714	24.	5.	47.238	6.873	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	8	36.	36.5	50.	30.	39.714	6.302	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GATE0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-08/11/86	14	17.85	15.993	26.	3.9	63.853	7.991	4.35	7.575	23.975	25.25
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-08/11/86	14	2.	2.643	6.	1.	2.709	1.646	1.	1.	4.	5.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-08/11/86	14	40000.	40607.143	44000.	38000.	3314560.44	1820.593	38500.	39000.	41375.	44000.
00300	OXYGEN, DISSOLVED MG/L	07/30/74-08/11/86	14	6.7	7.621	12.2	4.6	4.911	2.216	5.1	6.15	9.3	11.5
00400	PH (STANDARD UNITS)	02/19/75-05/26/82	11	7.8	7.773	8.1	7.5	0.036	0.19	7.52	7.6	7.9	8.08
00400	CONVERTED PH (STANDARD UNITS)	02/19/75-05/26/82	11	7.8	7.737	8.1	7.5	0.038	0.194	7.52	7.6	7.9	8.08
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/19/75-05/26/82	11	0.016	0.018	0.032	0.008	0.	0.008	0.008	0.013	0.025	0.03
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	10	11.	10.5	16.	7.	6.5	2.55	7.1	8.	11.25	15.6
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	13	33.	32.846	38.	30.	4.474	2.115	30.4	31.	34.	36.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station GATE0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-08/11/86	10	20.5	17.82	24.	7.7	38.644	6.216	7.85	10.4	23.125	23.95
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-08/11/86	10	2.	2.3	3.	2.	0.233	0.483	2.	2.	3.	3.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-08/11/86	9	42000.	42055.556	47000.	36000.	12337777.778	3512.517	36000.	39100.	45150.	47000.
00300	OXYGEN, DISSOLVED MG/L	07/30/74-08/11/86	9	7.	7.756	13.	4.8	7.618	2.76	4.8	6.	9.6	13.
00400	PH (STANDARD UNITS)	02/19/75-05/26/82	8	7.6	7.575	8.2	7.2	0.085	0.292	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/19/75-05/26/82	8	7.6	7.506	8.2	7.2	0.09	0.301	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/19/75-05/26/82	8	0.025	0.031	0.063	0.006	0.	0.017	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	10	7.	7.5	13.	1.	12.5	3.536	1.4	5.75	10.5	12.9
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	10	32.5	33.2	37.	30.	6.4	2.53	30.	31.5	35.5	37.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GATE0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-08/11/86	12	17.	15.858	25.4	2.	53.234	7.296	2.78	11.45	21.7	24.56
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-08/11/86	12	2.5	2.5	3.	2.	0.273	0.522	2.	2.	3.	3.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-08/11/86	11	43000.	41609.091	47000.	36000.	13740909.091	3706.873	36000.	38000.	44000.	46440.
00300	OXYGEN, DISSOLVED MG/L	07/30/74-08/11/86	12	7.1	7.658	14.4	5.	5.699	2.387	5.24	6.4	8.125	12.78
00400	PH (STANDARD UNITS)	02/19/75-05/26/82	9	7.5	7.578	8.3	7.1	0.114	0.338	7.1	7.35	7.7	8.3
00400	CONVERTED PH (STANDARD UNITS)	02/19/75-05/26/82	9	7.5	7.481	8.3	7.1	0.125	0.354	7.1	7.35	7.7	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/19/75-05/26/82	9	0.032	0.033	0.079	0.005	0.	0.022	0.005	0.02	0.045	0.079
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	9	8.	7.889	13.	4.	6.111	2.472	4.	6.5	9.	13.
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	11	31.	31.545	35.	29.	4.073	2.018	29.	30.	32.	35.

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Annual Analysis for 1978 - Station GATE0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-08/11/86	12	18.	15.4	26.2	0.7	75.176	8.67	0.73	9.1	22.95	25.51
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-08/11/86	12	2.	2.083	4.	1.	0.447	0.669	1.3	2.	2.	3.4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-08/11/86	12	40000.	40041.667	47000.	33500.	23020833.333	4798.003	33800.	35000.	44750.	46550.
00300	OXYGEN, DISSOLVED MG/L	07/30/74-08/11/86	12	7.9	8.642	14.2	5.3	6.934	2.633	5.51	7.05	9.5	13.84
00400	PH (STANDARD UNITS)	02/19/75-05/26/82	9	7.6	7.7	8.2	7.4	0.07	0.265	7.4	7.5	7.9	8.2
00400	CONVERTED PH (STANDARD UNITS)	02/19/75-05/26/82	9	7.6	7.638	8.2	7.4	0.074	0.273	7.4	7.5	7.9	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/19/75-05/26/82	9	0.025	0.023	0.04	0.006	0.	0.012	0.006	0.013	0.032	0.04
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	12	7.	7.333	14.	3.	8.788	2.964	3.3	5.25	9.	12.8
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	12	30.	29.833	33.	27.	3.97	1.992	27.	27.5	31.	32.7

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Annual Analysis for 1979 - Station GATE0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-08/11/86	10	16.25	15.1	24.	2.	57.433	7.578	2.4	9.375	22.625	23.9
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-08/11/86	10	2.	2.5	5.	1.	1.167	1.08	1.1	2.	3.	4.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-08/11/86	9	43000.	42555.556	46000.	36000.	8527777.778	2920.236	36000.	41500.	44500.	46000.
00300	OXYGEN, DISSOLVED MG/L	07/30/74-08/11/86	10	8.2	8.84	12.6	6.2	6.238	2.498	6.22	6.7	12.05	12.56
00400	PH (STANDARD UNITS)	02/19/75-05/26/82	10	7.65	7.69	8.	7.4	0.034	0.185	7.41	7.575	7.825	7.99
00400	CONVERTED PH (STANDARD UNITS)	02/19/75-05/26/82	10	7.647	7.656	8.	7.4	0.036	0.189	7.41	7.575	7.825	7.99
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/19/75-05/26/82	10	0.023	0.022	0.04	0.01	0.	0.009	0.01	0.015	0.027	0.039
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	9	10.	9.778	14.	5.	9.444	3.073	5.	7.	12.5	14.
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	9	32.	32.111	37.	28.	9.861	3.14	28.	29.	35.	37.

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Annual Analysis for 1980 - Station GATE0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-08/11/86	8	17.5	13.813	24.5	0.	112.067	10.586	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-08/11/86	8	2.	2.375	4.	1.	1.125	1.061	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-08/11/86	8	44000.	43125.	50000.	32000.	28410714.286	5330.17	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/30/74-08/11/86	8	7.85	8.7	14.	6.6	5.414	2.327	**	**	**	**
00400	PH (STANDARD UNITS)	02/19/75-05/26/82	8	7.85	7.85	8.5	7.4	0.106	0.325	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/19/75-05/26/82	8	7.847	7.76	8.5	7.4	0.115	0.339	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/19/75-05/26/82	8	0.014	0.017	0.04	0.003	0.	0.011	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	7	9.	10.714	20.	4.	32.238	5.678	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	6	32.5	33.333	37.	29.	9.867	3.141	**	**	**	**

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Annual Analysis for 1981 - Station GATE0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-08/11/86	10	19.5	15.65	25.	2.	69.836	8.357	2.	8.	22.	24.7
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-08/11/86	10	2.	2.2	5.	1.	1.067	1.033	1.1	2.	2.	4.7
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-08/11/86	10	49500.	47700.	50000.	40000.	12233333.333	3497.618	40400.	44750.	50000.	50000.
00300	OXYGEN, DISSOLVED MG/L	07/30/74-08/11/86	10	7.05	7.89	12.3	5.5	6.737	2.595	5.51	5.675	10.125	12.27
00400	PH (STANDARD UNITS)	02/19/75-05/26/82	10	7.6	7.74	8.5	7.3	0.112	0.334	7.32	7.575	7.925	8.45
00400	CONVERTED PH (STANDARD UNITS)	02/19/75-05/26/82	10	7.6	7.65	8.5	7.3	0.121	0.347	7.32	7.575	7.925	8.45
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/19/75-05/26/82	10	0.025	0.022	0.05	0.003	0.	0.013	0.004	0.012	0.027	0.048
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	10	18.	19.	24.	15.	9.556	3.091	15.1	16.	21.5	23.9

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Annual Analysis for 1981 - Station GATE0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	10	32.5	32.4	37.	27.	8.044	2.836	27.3	30.75	34.25	36.8

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Annual Analysis for 1982 - Station GATE0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-08/11/86	5	14.2	12.76	23.8	3.2	71.148	8.435	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-08/11/86	5	1.	1.4	3.	1.	0.8	0.894	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-08/11/86	5	44000.	41700.	47500.	32000.	34700000.	5890.671	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/30/74-08/11/86	5	8.	10.22	15.2	7.8	11.442	3.383	**	**	**	**
00400	PH (STANDARD UNITS)	02/19/75-05/26/82	3	8.2	8.2	8.4	8.	0.04	0.2	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/19/75-05/26/82	3	8.2	8.17	8.4	8.	0.041	0.203	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/19/75-05/26/82	3	0.006	0.007	0.01	0.004	0.	0.003	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	5	10.	10.2	16.	4.	21.2	4.604	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	5	29.	30.2	34.	26.	10.7	3.271	**	**	**	**

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Annual Analysis for 1983 - Station GATE0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-08/11/86	5	24.	20.3	24.	6.5	59.7	7.727	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-08/11/86	4	2.	1.75	2.	1.	0.25	0.5	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-08/11/86	4	42000.	41625.	43000.	39500.	2229166.667	1493.039	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/30/74-08/11/86	4	6.95	6.725	7.8	5.2	1.196	1.094	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	4	8.	6.5	9.	1.	13.667	3.697	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	4	29.5	27.5	32.	19.	35.	5.916	**	**	**	**

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Annual Analysis for 1984 - Station GATE0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-08/11/86	2	12.75	12.75	21.	4.5	136.125	11.667	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-08/11/86	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-08/11/86	2	36500.	36500.	40000.	33000.	24500000.	4949.747	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/30/74-08/11/86	2	9.65	9.65	12.	7.3	11.045	3.323	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	2	5.	5.	8.	2.	18.	4.243	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	2	26.	26.	31.	21.	50.	7.071	**	**	**	**

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Annual Analysis for 1985 - Station GATE0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-08/11/86	2	12.	12.	19.	5.	98.	9.899	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-08/11/86	2	2.	2.	2.	2.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-08/11/86	2	37500.	37500.	38000.	37000.	500000.	707.107	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/30/74-08/11/86	2	13.5	13.5	15.	12.	4.5	2.121	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	2	5.5	5.5	8.	3.	12.5	3.536	**	**	**	**

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Annual Analysis for 1985 - Station GATE0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	2	28.	28.	30.	26.	8.	2.828	**	**	**	**

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Annual Analysis for 1986 - Station GATE0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-08/11/86	4	12.	12.	23.5	0.5	168.833	12.994	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-08/11/86	2	1.	1.	1.	1.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-08/11/86	4	32500.	32500.	38000.	27000.	33666666.667	5802.298	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/30/74-08/11/86	4	8.9	9.	13.	5.2	16.56	4.069	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	2	6.	6.	7.	5.	2.	1.414	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	2	29.5	29.5	30.	29.	0.5	0.707	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-08/11/86	36	22.8	21.372	26.2	10.8	12.428	3.525	16.34	19.5	23.975	24.65
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-08/11/86	29	2.	1.897	3.	1.	0.382	0.618	1.	1.5	2.	3.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-08/11/86	30	43500.	43166.667	50000.	28000.	19419540.23	4406.761	37250.	41000.	45125.	48950.
00300	OXYGEN, DISSOLVED MG/L	07/30/74-08/11/86	36	6.4	6.544	8.4	4.9	0.781	0.884	5.27	5.925	7.075	7.83
00310	BOD, 5 DAY, 20 DEG C MG/L	07/30/74-02/22/82	16	2.55	2.631	4.2	1.1	0.665	0.815	1.59	2.025	3.325	3.92
00400	PH (STANDARD UNITS)	02/19/75-05/26/82	20	7.6	7.59	8.	7.1	0.05	0.225	7.21	7.45	7.7	7.9
00400	CONVERTED PH (STANDARD UNITS)	02/19/75-05/26/82	20	7.6	7.531	8.	7.1	0.054	0.232	7.21	7.45	7.7	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/19/75-05/26/82	20	0.025	0.029	0.079	0.01	0.	0.017	0.013	0.02	0.036	0.062
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/13/74-08/11/86	13	0.49	0.475	0.8	0.21	0.037	0.193	0.21	0.27	0.625	0.76
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/13/74-08/11/86	13	0.08	0.079	0.13	0.01	0.002	0.041	0.014	0.04	0.12	0.126
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	34	8.	9.559	24.	1.	29.284	5.411	5.	6.75	11.5	19.5
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	33	32.	32.727	50.	19.	21.392	4.625	29.4	30.5	34.	38.
01025	CADMIUM, DISSOLVED (UG/L AS CD)	02/18/76-03/15/82	2 ##	0.475	0.475	0.7	0.25	0.101	0.318	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	08/13/74-08/11/86	9	1.	1.272	5.	0.25	2.264	1.505	0.25	0.25	1.5	5.
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	02/18/76-03/15/82	2 ##	2.25	2.25	2.5	2.	0.125	0.354	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/13/74-08/11/86	10 ##	2.5	3.45	14.	0.5	14.192	3.767	0.65	2.375	2.625	12.9
01037	COBALT, TOTAL (UG/L AS CO)	12/18/74-03/02/83	5	5.	5.6	13.	0.5	29.675	5.447	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	02/18/76-03/15/82	2	22.5	22.5	30.	15.	112.5	10.607	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/13/74-08/11/86	10	24.	29.	72.	5.	464.222	21.546	5.1	9.	46.	69.7
01049	LEAD, DISSOLVED (UG/L AS PB)	02/18/76-03/15/82	2	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	08/13/74-08/11/86	9	11.	17.389	45.	2.5	228.111	15.103	2.5	7.5	30.	45.
01065	NICKEL, DISSOLVED (UG/L AS NI)	02/18/76-03/15/82	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	08/13/74-08/11/86	9	9.	13.278	35.	2.5	112.569	10.61	2.5	5.	20.	35.
01092	ZINC, TOTAL (UG/L AS ZN)	08/13/74-08/11/86	10	72.5	81.75	250.	0.5	4966.069	70.47	2.15	34.25	107.25	237.3
01105	ALUMINUM, TOTAL (UG/L AS AL)	07/09/75-03/02/83	2	57.5	57.5	70.	45.	312.5	17.678	**	**	**	**
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	08/13/74-09/09/82	16	175.	621.875	3900.	10.	1177046.117	1084.918	15.6	84.	582.5	2990.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	08/13/74-09/09/82	16	2.241	2.29	3.591	1.	0.496	0.704	1.179	1.924	2.758	3.468
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			195.082								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	07/09/75-08/11/86	12	14.	17.75	62.	0.	283.477	16.837	1.5	7.	23.	53.3
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	07/09/75-08/11/86	12	2.	2.583	8.	0.	6.811	2.61	0.	0.25	4.75	7.4
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	07/09/75-08/11/86	12	9.	11.667	39.	0.	141.515	11.896	0.	1.5	19.5	34.2
71900	MERCURY, TOTAL (UG/L AS HG)	08/13/74-08/11/86	10 ##	0.075	0.165	0.5	0.05	0.024	0.156	0.05	0.05	0.3	0.48

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-08/11/86	29	4.6	5.293	14.5	0.	16.062	4.008	0.7	2.	8.4	10.5
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-08/11/86	26	2.	2.577	6.	1.	1.614	1.27	1.	2.	3.25	4.3
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-08/11/86	27	40000.	39833.333	50000.	27000.	26346153.846	5132.85	32000.	38000.	43000.	45800.
00300	OXYGEN, DISSOLVED MG/L	07/30/74-08/11/86	28	10.5	10.404	15.2	4.6	7.657	2.767	7.25	8.05	12.3	14.1
00310	BOD, 5 DAY, 20 DEG C MG/L	07/30/74-02/22/82	15	3.7	3.64	6.7	1.3	3.097	1.76	1.42	1.8	5.6	6.28
00400	PH (STANDARD UNITS)	02/19/75-05/26/82	19	7.8	7.837	8.5	7.4	0.128	0.358	7.4	7.6	8.	8.5
00400	CONVERTED PH (STANDARD UNITS)	02/19/75-05/26/82	19	7.8	7.723	8.5	7.4	0.142	0.376	7.4	7.6	8.	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/19/75-05/26/82	19	0.016	0.019	0.04	0.003	0.	0.012	0.003	0.01	0.025	0.04
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/13/74-08/11/86	13	0.24	0.337	0.72	0.005	0.059	0.242	0.031	0.135	0.585	0.696
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/13/74-08/11/86	13	0.03	0.038	0.19	0.005	0.002	0.05	0.005	0.008	0.045	0.142
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	26	9.	9.538	23.	2.	23.778	4.876	3.7	6.	13.	16.3
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	26	30.5	30.231	35.	21.	8.425	2.903	26.	29.	32.	33.3
01025	CADMIUM, DISSOLVED (UG/L AS CD)	02/18/76-03/15/82	9 ##	0.25	0.417	1.	0.25	0.109	0.331	0.25	0.25	0.625	1.
01027	CADMIUM, TOTAL (UG/L AS CD)	08/13/74-08/11/86	16	0.9	1.222	3.	0.25	1.346	1.16	0.25	0.25	2.75	3.
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	02/18/76-03/15/82	9 ##	2.5	1.722	2.5	0.5	0.882	0.939	0.5	0.75	2.5	2.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/13/74-08/11/86	16 ##	2.5	3.5	24.	0.5	31.2	5.586	0.5	1.	2.875	10.7
01037	COBALT, TOTAL (UG/L AS CO)	12/18/74-03/02/83	10 ##	1.25	3.85	15.	0.5	24.781	4.978	0.5	0.5	6.25	14.5
01040	COPPER, DISSOLVED (UG/L AS CU)	02/18/76-03/15/82	9	23.	25.	60.	7.	243.5	15.604	7.	13.5	30.5	60.
01042	COPPER, TOTAL (UG/L AS CU)	08/13/74-08/11/86	16	25.5	46.438	158.	4.	2100.929	45.836	6.8	13.25	71.5	144.7

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01049	LEAD, DISSOLVED (UG/L AS PB)	02/18/76-03/15/82	9	5.	4.778	10.	2.5	7.319	2.705	2.5	2.5	6.5	10.
01051	LEAD, TOTAL (UG/L AS PB)	08/13/74-08/11/86	16	10.	15.594	65.	2.5	262.807	16.211	2.5	5.	19.25	47.5
01065	NICKEL, DISSOLVED (UG/L AS NI)	02/18/76-03/15/82	9	5.	4.222	7.	2.5	3.069	1.752	2.5	2.5	5.5	7.
01067	NICKEL, TOTAL (UG/L AS NI)	08/13/74-08/11/86	16	6.5	16.656	80.	2.5	560.057	23.666	2.5	5.	17.5	73.
01092	ZINC, TOTAL (UG/L AS ZN)	08/13/74-08/11/86	14	61.	61.464	171.	0.5	2319.095	48.157	4.25	15.25	97.5	143.5
01105	ALUMINUM, TOTAL (UG/L AS AL)	07/09/75-03/02/83	9	75.	110.222	386.	30.	12100.194	110.001	30.	45.	125.5	386.
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	08/13/74-09/09/82	11	1000.	2519.091	13000.	50.	15036629.091	3877.709	62.	290.	2500.	11600.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	08/13/74-09/09/82	11	3.	2.953	4.114	1.699	0.515	0.718	1.767	2.462	3.398	4.047
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			896.912								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	07/09/75-08/11/86	8	27.	32.875	75.	0.	1027.554	32.055	**	**	**	**
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	07/09/75-08/11/86	7	3.	2.857	8.	0.	6.476	2.545	**	**	**	**
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	07/09/75-08/11/86	7	22.	20.857	45.	2.	211.81	14.554	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	08/13/74-08/11/86	16	0.15	0.397	3.4	0.05	0.671	0.819	0.05	0.05	0.375	1.44

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-08/11/86	37	20.	17.986	26.	5.4	26.468	5.145	10.64	14.1	22.	23.84
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-08/11/86	35	2.	2.314	5.	1.	0.928	0.963	1.	2.	3.	4.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-08/11/86	36	42000.	41963.889	50000.	33000.	20986373.016	4581.089	35700.	39000.	45225.	49300.
00300	OXYGEN, DISSOLVED MG/L	07/30/74-08/11/86	36	7.8	8.289	14.4	4.8	5.859	2.42	5.74	6.65	8.95	12.44
00310	BOD, 5 DAY, 20 DEG C MG/L	07/30/74-02/22/82	19	3.6	4.405	10.4	0.6	7.119	2.668	1.8	2.4	5.6	9.9
00400	PH (STANDARD UNITS)	02/19/75-05/26/82	29	7.7	7.745	8.3	7.3	0.068	0.261	7.4	7.55	7.9	8.2
00400	CONVERTED PH (STANDARD UNITS)	02/19/75-05/26/82	29	7.7	7.675	8.3	7.3	0.073	0.271	7.4	7.55	7.9	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/19/75-05/26/82	29	0.02	0.021	0.05	0.005	0.	0.012	0.006	0.013	0.028	0.04
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/13/74-08/11/86	15	0.38	0.342	0.92	0.03	0.073	0.27	0.048	0.09	0.51	0.818
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/13/74-08/11/86	14	0.075	0.071	0.15	0.01	0.002	0.042	0.015	0.035	0.103	0.135
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	29	10.	10.483	24.	3.	25.473	5.047	4.	7.5	13.5	18.
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	35	32.	32.314	38.	27.	10.398	3.225	27.	30.	35.	37.
01025	CADMIUM, DISSOLVED (UG/L AS CD)	02/18/76-03/15/82	7 ##	0.25	0.429	1.	0.25	0.077	0.278	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	08/13/74-08/11/86	10	0.5	0.6	2.	0.25	0.294	0.543	0.25	0.25	0.625	1.9
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	02/18/76-03/15/82	7 ##	2.5	1.929	2.5	0.5	0.952	0.976	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/13/74-08/11/86	10 ##	2.5	2.5	5.	0.5	1.167	1.08	0.65	2.375	2.5	4.75
01037	COBALT, TOTAL (UG/L AS CO)	12/18/74-03/02/83	3	6.	5.667	9.	2.	12.333	3.512	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	02/18/76-03/15/82	7	17.	18.214	34.	0.5	120.155	10.962	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/13/74-08/11/86	10	39.	37.6	79.	1.	436.711	20.898	2.6	23.	46.75	76.3
01049	LEAD, DISSOLVED (UG/L AS PB)	02/18/76-03/15/82	7	5.	6.071	15.	2.5	22.619	4.756	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	08/13/74-08/11/86	10	15.	15.3	35.	5.	66.678	8.166	5.4	9.75	16.5	33.6
01065	NICKEL, DISSOLVED (UG/L AS NI)	02/18/76-03/15/82	7 ##	2.5	2.857	5.	2.5	0.893	0.945	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	08/13/74-08/11/86	10	5.	7.	25.	2.5	50.333	7.095	2.5	2.5	8.5	23.8
01092	ZINC, TOTAL (UG/L AS ZN)	08/13/74-08/11/86	10	49.5	57.4	138.	20.	1210.267	34.789	20.7	30.	72.75	132.9
01105	ALUMINUM, TOTAL (UG/L AS AL)	07/09/75-03/02/83	4	51.	55.5	100.	20.	1734.333	41.645	**	**	**	**
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	08/13/74-09/09/82	15	110.	7753.867	100000.	5.	658505574.981	25661.363	5.	18.	640.	46000.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	08/13/74-09/09/82	15	2.041	2.259	5.	0.699	1.503	1.226	0.699	1.255	2.806	4.4
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			181.558								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	07/09/75-08/11/86	17	15.	20.235	68.	0.	264.941	16.277	3.2	11.	30.5	41.6
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	07/09/75-08/11/86	17	3.	2.824	8.	0.	7.279	2.698	0.	0.	5.5	6.4
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	07/09/75-08/11/86	17	12.	12.588	40.	0.	112.382	10.601	0.	2.5	20.	27.2
71900	MERCURY, TOTAL (UG/L AS HG)	08/13/74-08/11/86	6	0.2	0.2	0.5	0.05	0.027	0.164	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0102

NPS Station ID: GATE0102
LAT/LON: 40.607504/ -73.885837
Agency: 31ISC2RS
Date Created: 11/07/81
Location: JAMAICA BAY
FIPS State/County: 36047 NEW YORK/KINGS
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): JB-02 /JB02 /1002
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02030202
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METROPOLITAN AREA
ECO Region:
RF1 Index: 02030202028
RF1 Mile Point: 30.860
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02030202002909.75
RF3 Mile Point: 14.01
Distance from RF3: 0.11
On/Off RF3:
Description:
AICA BAY AT MILL BASIN AT EAST END OF CHANNEL

Parameter Inventory for Station: GATE0102

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-05/26/82	84	19.1	16.182	27.8	0.	61.66	7.852	3.35	10.	22.425	25.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-05/26/82	73	2.	2.452	6.	1.	0.973	0.987	2.	2.	3.	3.6
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-05/26/82	75	42000.	41156.	50000.	31000.	18514929.73	4302.898	35000.	37500.	44000.	47400.
00300	OXYGEN, DISSOLVED MG/L	07/30/74-05/26/82	84	7.45	8.51	15.	5.	6.602	2.569	6.	6.6	10.15	12.9
00310	BOD, 5 DAY, 20 DEG C MG/L	07/30/74-02/22/82	52	3.7	3.796	7.8	0.5	2.716	1.648	1.93	2.5	4.9	5.8
00400	PH (STANDARD UNITS)	02/19/75-05/26/82	64	7.6	7.725	9.	7.	0.131	0.362	7.4	7.5	7.9	8.35
00400	CONVERTED PH (STANDARD UNITS)	02/19/75-05/26/82	64	7.6	7.61	9.	7.	0.144	0.38	7.4	7.5	7.9	8.35
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/19/75-05/26/82	64	0.025	0.025	0.1	0.001	0.	0.017	0.004	0.013	0.032	0.04
00560	OIL & GREASE (FREON EXTR.-IR METHOD) TOT,REC,MG/L	08/13/75-06/24/81	11	0.2	0.291	1.1	0.	0.115	0.339	0.	0.	0.5	1.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/13/74-03/15/82	31	0.49	0.487	1.	0.04	0.079	0.281	0.076	0.26	0.7	0.85
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/13/74-12/10/75	12	0.085	0.09	0.18	0.05	0.002	0.039	0.05	0.063	0.098	0.171
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/13/74-12/10/75	12	0.515	0.531	0.92	0.07	0.037	0.192	0.184	0.468	0.615	0.836
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/22/76-08/25/81	8	0.61	0.656	1.15	0.3	0.101	0.317	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/14/76-03/15/82	19	0.18	0.216	0.63	0.02	0.023	0.152	0.06	0.13	0.24	0.52
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/22/76-03/15/82	19	0.18	0.215	1.05	0.06	0.045	0.213	0.07	0.11	0.22	0.32
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/13/74-03/15/82	32	0.105	0.099	0.26	0.005	0.004	0.065	0.007	0.05	0.138	0.181
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-05/26/82	71	10.	11.197	30.	3.	24.618	4.962	6.	8.	14.	17.8
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-05/26/82	76	32.	32.737	42.	27.	7.956	2.821	29.	31.	35.	36.
00940	CHLORIDE,TOTAL IN WATER MG/L	07/30/74-04/09/75	12	14700.	14658.333	16500.	13100.	1164469.697	1079.106	13130.	13825.	15650.	16290.
01000	ARSENIC, DISSOLVED (UG/L AS AS)	04/23/79-04/23/79	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	12/10/75-07/22/81	7	4.	3.571	6.	1.	3.952	1.988	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	04/14/76-03/15/82	16 ##	0.375	0.669	3.	0.25	0.589	0.767	0.25	0.25	0.65	2.3
01027	CADMIUM, TOTAL (UG/L AS CD)	08/13/74-03/15/82	27	1.	2.678	21.	0.25	21.785	4.667	0.25	0.5	2.	11.2
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	04/14/76-03/15/82	16 ##	2.5	1.875	2.5	0.5	0.717	0.847	0.5	1.	2.5	2.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/13/74-03/15/82	28 ##	2.5	2.911	6.	1.	1.334	1.155	2.	2.5	2.875	5.
01035	COBALT, DISSOLVED (UG/L AS CO)	03/09/77-03/15/82	10 ##	1.25	2.35	8.	0.5	7.003	2.646	0.5	0.5	3.75	7.8
01037	COBALT, TOTAL (UG/L AS CO)	12/05/74-03/15/82	15	2.	3.267	10.	0.5	8.96	2.993	0.5	0.5	5.	8.2
01040	COPPER, DISSOLVED (UG/L AS CU)	04/14/76-03/15/82	15	18.	33.767	256.	0.5	3841.245	61.978	6.2	15.	23.	124.
01042	COPPER, TOTAL (UG/L AS CU)	08/13/74-03/15/82	29	32.	58.828	494.	3.	9336.862	96.627	9.	15.5	47.5	200.
01045	IRON, TOTAL (UG/L AS FE)	12/05/74-03/15/82	15	115.	135.933	300.	36.	7269.21	85.26	44.4	56.	194.	284.4
01046	IRON, DISSOLVED (UG/L AS FE)	03/09/77-03/15/82	10	53.	53.4	131.	9.	1766.711	42.032	9.1	13.75	86.5	128.5
01049	LEAD, DISSOLVED (UG/L AS PB)	04/14/76-03/15/82	16	5.	7.375	20.	2.5	33.75	5.809	2.5	2.5	13.75	16.5
01051	LEAD, TOTAL (UG/L AS PB)	08/13/74-03/15/82	28	15.	21.768	75.	2.5	298.657	17.282	5.9	10.	33.75	50.
01065	NICKEL, DISSOLVED (UG/L AS NI)	04/14/76-03/15/82	16	5.	5.313	15.	2.5	8.963	2.994	2.5	3.125	5.75	10.1
01067	NICKEL, TOTAL (UG/L AS NI)	08/13/74-03/15/82	27	11.	17.148	100.	2.5	393.304	19.832	2.5	8.	16.	40.
01075	SILVER, DISSOLVED (UG/L AS AG)	03/09/77-03/15/82	10 ##	0.75	0.85	2.	0.5	0.225	0.474	0.5	0.5	1.	1.9

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GATE0102

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01077	SILVER, TOTAL (UG/L AS AG)	12/05/74-03/15/82	15	1.	1.6	5.	0.5	1.471	1.213	0.5	0.5	2.	3.8
01090	ZINC, DISSOLVED (UG/L AS ZN)	04/14/76-03/15/82	14	38.5	50.643	130.	10.	1214.247	34.846	13.5	26.75	66.	121.
01092	ZINC, TOTAL (UG/L AS ZN)	08/13/74-03/15/82	28	62.	82.429	235.	12.	3137.81	56.016	30.	46.75	113.75	181.7
01100	TIN, DISSOLVED (UG/L AS SN)	03/09/77-07/22/81	9 ##	25.	25.	25.	25.	0.	0.	25.	25.	25.	25.
01102	TIN, TOTAL (UG/L AS SN)	12/05/74-07/22/81	11 ##	25.	31.818	100.	25.	511.364	22.613	25.	25.	25.	85.
01105	ALUMINUM, TOTAL (UG/L AS AL)	12/05/74-03/15/82	14	60.	74.786	200.	5.	3186.643	56.45	7.5	27.5	109.	170.
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	03/09/77-03/15/82	10	30.	35.9	64.	15.	264.767	16.272	15.5	23.75	48.75	63.6
31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	06/08/77-03/15/82	12	1500.	8616.667	40000.	50.	154935133.333	12447.294	125.	305.	12750.	35200.
31504	LOG COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,	06/08/77-03/15/82	12	3.103	3.265	4.602	1.699	0.892	0.944	1.932	2.484	4.105	4.536
31504	GM COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,3	GEOMETRIC MEAN =			1838.673								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	08/13/74-03/15/82	37	270.	6605.892	100000.	10.	523712141.932	22884.758	20.	59.	1500.	8720.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	08/13/74-03/15/82	37	2.431	2.525	5.	1.	0.949	0.974	1.301	1.77	3.167	3.877
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			334.858								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/27/74-07/22/81	33	16.	31.939	135.	0.	1135.871	33.703	0.	3.	48.	84.
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	08/27/74-07/22/81	32	2.5	5.531	32.	0.	56.515	7.518	0.	0.25	8.25	17.8
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	12/05/74-07/22/81	31	20.	23.774	104.	0.	657.514	25.642	0.2	4.	34.	60.6
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	08/27/75-08/25/81	7 ##	0.5	1.429	5.	0.5	2.786	1.669	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	08/13/74-03/15/82	24	0.1	0.24	0.9	0.05	0.069	0.263	0.05	0.05	0.4	0.75

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EPA Water Quality Criteria Analysis for Station: GATE0102

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	73	0	0.00	23	0	0.00	19	0	0.00	31	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	84	0	0.00	28	0	0.00	22	0	0.00	34	0	0.00			
00400	PH	Other-Hi Lim.	8.5	64	3	0.05	18	0	0.00	17	2	0.12	29	1	0.03			
		Other-Lo Lim.	6.5	64	0	0.00	18	0	0.00	17	0	0.00	29	0	0.00			
01000	ARSENIC, DISSOLVED	Marine Acute	69.	1	0	0.00							1	0	0.00			
01002	ARSENIC, TOTAL	Marine Acute	69.	7	0	0.00	2	0	0.00	3	0	0.00	2	0	0.00			
01025	CADMIUM, DISSOLVED	Marine Acute	43.	16	0	0.00	5	0	0.00	7	0	0.00	4	0	0.00			
01027	CADMIUM, TOTAL	Marine Acute	43.	27	0	0.00	9	0	0.00	10	0	0.00	8	0	0.00			
01040	COPPER, DISSOLVED	Marine Acute	2.9	15	14	0.93	4	3	0.75	7	7	1.00	4	4	1.00			
01042	COPPER, TOTAL	Marine Acute	2.9	29	29	1.00	10	10	1.00	11	11	1.00	8	8	1.00			
01049	LEAD, DISSOLVED	Marine Acute	220.	16	0	0.00	5	0	0.00	7	0	0.00	4	0	0.00			
01051	LEAD, TOTAL	Marine Acute	220.	28	0	0.00	9	0	0.00	11	0	0.00	8	0	0.00			
01065	NICKEL, DISSOLVED	Marine Acute	75.	16	0	0.00	5	0	0.00	7	0	0.00	4	0	0.00			
01067	NICKEL, TOTAL	Marine Acute	75.	27	1	0.04	9	1	0.11	10	0	0.00	8	0	0.00			
01075	SILVER, DISSOLVED	Marine Acute	0.12	5 &	5	1.00	2	2	1.00	2	2	1.00	1	1	1.00			
01077	SILVER, TOTAL	Marine Acute	0.12	11 &	11	1.00	4	4	1.00	3	3	1.00	4	4	1.00			
01090	ZINC, DISSOLVED	Marine Acute	95.	14	2	0.14	4	1	0.25	6	1	0.17	4	0	0.00			
01092	ZINC, TOTAL	Marine Acute	95.	28	9	0.32	9	4	0.44	11	3	0.27	8	2	0.25			
31504	COLIFORM,TOT,MEMBRANE FILTR,IMMED. LES-E	Other-Hi Lim.	1000.	12	6	0.50	4	3	0.75	3	1	0.33	5	2	0.40			
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	37	21	0.57	13	5	0.38	9	8	0.89	15	8	0.53			
71900	MERCURY, TOTAL	Marine Acute	2.1	24	0	0.00	10	0	0.00	9	0	0.00	5	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1974 - Station GATE0102

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-05/26/82	8	16.45	16.063	24.	6.	47.428	6.887	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-05/26/82	3	42000.	42500.	44000.	41500.	1750000.	1322.876	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/30/74-05/26/82	8	7.05	7.363	10.	5.	3.048	1.746	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-05/26/82	7	11.	10.714	13.	8.	2.571	1.604	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-05/26/82	8	35.	35.375	39.	33.	3.125	1.768	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GATE0102

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-05/26/82	14	18.5	16.529	26.6	3.6	69.081	8.311	3.8	7.75	24.25	25.8
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-05/26/82	14	2.	2.857	5.	2.	1.516	1.231	2.	2.	3.5	5.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-05/26/82	14	37500.	38392.857	43000.	35000.	6122252.747	2474.319	35500.	36750.	40000.	43000.
00300	OXYGEN, DISSOLVED MG/L	07/30/74-05/26/82	14	7.4	8.464	13.4	5.8	6.846	2.616	6.	6.6	10.45	13.1
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-05/26/82	10	11.5	11.1	15.	6.	8.989	2.998	6.2	8.75	14.	14.9
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-05/26/82	13	34.	33.538	36.	31.	1.936	1.391	31.4	32.5	34.5	35.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station GATE0102

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-05/26/82	9	21.5	18.778	24.5	7.5	35.694	5.974	7.5	14.	22.5	24.5
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-05/26/82	9	2.	2.556	5.	2.	1.028	1.014	2.	2.	3.	5.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-05/26/82	8	38500.	38500.	44000.	32000.	12857142.857	3585.686	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/30/74-05/26/82	9	7.2	8.156	13.	5.2	6.228	2.496	5.2	6.4	9.9	13.
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-05/26/82	9	10.	9.333	14.	5.	9.5	3.082	5.	6.5	11.5	14.
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-05/26/82	9	34.	33.667	36.	31.	3.25	1.803	31.	32.	35.5	36.

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Annual Analysis for 1977 - Station GATE0102

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-05/26/82	11	19.	17.109	25.	4.8	36.389	6.032	5.94	12.8	22.	24.44
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-05/26/82	11	3.	2.545	3.	2.	0.273	0.522	2.	2.	3.	3.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-05/26/82	10	42250.	41510.	44500.	36500.	8001000.	2828.604	36650.	38750.	44025.	44460.
00300	OXYGEN, DISSOLVED MG/L	07/30/74-05/26/82	11	7.2	8.1	14.4	6.	7.098	2.664	6.	6.6	8.4	13.92
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-05/26/82	8	8.	7.25	10.	3.	4.786	2.188	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-05/26/82	10	30.5	31.1	37.	29.	5.433	2.331	29.	29.75	32.	36.5

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Annual Analysis for 1978 - Station GATE0102

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-05/26/82	11	21.5	17.464	27.8	0.2	69.343	8.327	1.76	12.5	24.	27.24
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-05/26/82	9	2.	2.333	6.	1.	2.	1.414	1.	2.	2.	6.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-05/26/82	11	40200.	39581.818	44200.	34500.	12875636.364	3588.264	34600.	35000.	42500.	43960.
00300	OXYGEN, DISSOLVED MG/L	07/30/74-05/26/82	11	7.8	8.964	14.8	6.	8.585	2.93	6.06	7.	10.2	14.56

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Annual Analysis for 1978 - Station GATE0102

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-05/26/82	9	8.	8.667	14.	6.	7.25	2.693	6.	6.5	10.5	14.
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-05/26/82	9	31.	30.667	35.	28.	4.25	2.062	28.	29.	31.5	35.

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Annual Analysis for 1979 - Station GATE0102

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-05/26/82	10	16.75	15.75	25.5	1.	71.347	8.447	1.6	9.25	24.625	25.45
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-05/26/82	9	3.	2.556	3.	2.	0.278	0.527	2.	2.	3.	3.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-05/26/82	9	42000.	42222.222	47000.	35000.	10756944.444	3279.778	35000.	41250.	44000.	47000.
00300	OXYGEN, DISSOLVED MG/L	07/30/74-05/26/82	10	8.8	9.24	13.2	6.6	4.345	2.084	6.68	7.55	11.	13.04
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-05/26/82	8	8.5	9.625	15.	4.	13.982	3.739	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-05/26/82	8	32.5	32.375	38.	28.	15.125	3.889	**	**	**	**

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Annual Analysis for 1980 - Station GATE0102

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-05/26/82	8	17.5	14.	25.	0.	122.286	11.058	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-05/26/82	8	2.	2.125	3.	1.	0.411	0.641	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-05/26/82	7	44000.	42571.429	49000.	31000.	31619047.619	5623.082	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/30/74-05/26/82	8	7.9	9.125	14.	6.1	7.299	2.702	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-05/26/82	7	10.	11.143	19.	7.	18.476	4.298	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-05/26/82	6	31.5	32.833	38.	30.	9.367	3.061	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station GATE0102

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-05/26/82	10	19.5	15.66	25.	2.	70.023	8.368	2.	8.	22.125	24.75
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-05/26/82	10	2.	2.2	4.	1.	1.289	1.135	1.	1.	3.25	4.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-05/26/82	10	48250.	46650.	50000.	40000.	13113888.889	3621.31	40200.	42750.	49250.	50000.
00300	OXYGEN, DISSOLVED MG/L	07/30/74-05/26/82	10	7.	7.61	12.	5.	5.772	2.403	5.09	5.975	8.65	11.98
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-05/26/82	10	18.	19.8	30.	15.	22.4	4.733	15.1	16.	23.25	29.4
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-05/26/82	10	32.5	33.1	42.	27.	14.767	3.843	27.4	31.75	33.75	41.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station GATE0102

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-05/26/82	3	5.6	8.	15.3	3.1	41.53	6.444	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-05/26/82	3	2.	1.667	2.	1.	0.333	0.577	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-05/26/82	3	41000.	39566.667	44700.	33000.	35763333.333	5980.245	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/30/74-05/26/82	3	12.2	11.6	15.	7.6	13.96	3.736	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-05/26/82	3	12.	12.	18.	6.	36.	6.	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-05/26/82	3	31.	30.667	32.	29.	2.333	1.528	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0102

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-05/26/82	28	22.3	21.85	27.8	14.	12.074	3.475	17.44	19.5	25.	25.05
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-05/26/82	23	2.	2.217	5.	1.	0.723	0.85	1.	2.	3.	3.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-05/26/82	22	43000.	42450.	48500.	37000.	7351190.476	2711.308	38300.	40800.	44000.	46400.
00300	OXYGEN, DISSOLVED MG/L	07/30/74-05/26/82	28	6.5	6.625	8.8	5.	0.724	0.851	5.72	6.025	7.35	7.66
00310	BOD, 5 DAY, 20 DEG C MG/L	07/30/74-02/22/82	17	2.5	2.729	4.9	0.9	1.167	1.08	1.38	2.05	3.65	4.58
00400	PH (STANDARD UNITS)	02/19/75-05/26/82	18	7.5	7.539	7.9	7.2	0.041	0.203	7.2	7.4	7.625	7.9
00400	CONVERTED PH (STANDARD UNITS)	02/19/75-05/26/82	18	7.5	7.495	7.9	7.2	0.043	0.208	7.2	7.4	7.625	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/19/75-05/26/82	18	0.032	0.032	0.063	0.013	0.	0.015	0.013	0.024	0.04	0.063
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/13/74-03/15/82	12	0.495	0.537	0.85	0.21	0.058	0.24	0.213	0.315	0.798	0.85
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/13/74-03/15/82	13	0.13	0.115	0.19	0.01	0.002	0.049	0.03	0.08	0.15	0.178
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-05/26/82	28	9.	10.5	24.	4.	23.074	4.804	5.	8.	12.75	17.6
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-05/26/82	27	33.	33.63	39.	29.	7.165	2.677	30.	32.	36.	38.
01027	CADMIUM, TOTAL (UG/L AS CD)	08/13/74-03/15/82	9	0.5	0.972	3.	0.25	0.898	0.947	0.25	0.25	1.5	3.
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/13/74-03/15/82	10 ##	2.5	3.15	5.	2.	1.669	1.292	2.	2.375	5.	5.
01042	COPPER, TOTAL (UG/L AS CU)	08/13/74-03/15/82	10	35.5	46.6	200.	3.	3256.489	57.066	3.7	13.	52.	185.8
01051	LEAD, TOTAL (UG/L AS PB)	08/13/74-03/15/82	9	15.	23.167	75.	2.5	539.	23.216	2.5	8.	37.5	75.
01067	NICKEL, TOTAL (UG/L AS NI)	08/13/74-03/15/82	9	10.	24.278	100.	2.5	999.382	31.613	2.5	2.5	37.5	100.
01092	ZINC, TOTAL (UG/L AS ZN)	08/13/74-03/15/82	9	90.	83.	124.	30.	1223.	34.971	30.	54.	117.5	124.
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	08/13/74-03/15/82	13	120.	8336.385	100000.	20.	761093621.59	27587.925	28.	50.	805.	62360.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	08/13/74-03/15/82	13	2.079	2.389	5.	1.301	1.079	1.039	1.421	1.699	2.846	4.508
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			244.994								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/27/74-07/22/81	8	21.	28.	78.	3.	659.143	25.674	**	**	**	**
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	08/27/74-07/22/81	8	3.5	7.125	32.	0.	108.125	10.398	**	**	**	**
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	12/05/74-07/22/81	6	20.5	21.667	51.	4.	250.267	15.82	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	08/13/74-03/15/82	10 ##	0.125	0.195	0.6	0.05	0.036	0.189	0.05	0.05	0.325	0.58

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0102

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-05/26/82	22	5.2	5.605	15.	0.	17.123	4.138	0.44	2.	8.125	11.93
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-05/26/82	19	3.	2.947	6.	1.	1.719	1.311	2.	2.	4.	5.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-05/26/82	20	40000.	39125.	49000.	31000.	21417763.158	4627.933	32100.	35000.	42000.	44000.
00300	OXYGEN, DISSOLVED MG/L	07/30/74-05/26/82	22	11.7	11.127	15.	7.4	5.296	2.301	7.4	9.525	12.85	14.56
00310	BOD, 5 DAY, 20 DEG C MG/L	07/30/74-02/22/82	15	4.7	4.353	7.8	0.5	4.16	2.04	0.92	3.	5.8	7.14
00400	PH (STANDARD UNITS)	02/19/75-05/26/82	17	7.8	7.876	8.6	7.3	0.171	0.413	7.38	7.55	8.35	8.52
00400	CONVERTED PH (STANDARD UNITS)	02/19/75-05/26/82	17	7.8	7.725	8.6	7.3	0.195	0.441	7.38	7.55	8.35	8.52
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/19/75-05/26/82	17	0.016	0.019	0.05	0.003	0.	0.014	0.003	0.004	0.028	0.042
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/13/74-03/15/82	9	0.6	0.532	1.	0.07	0.121	0.347	0.07	0.165	0.825	1.
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/13/74-03/15/82	9	0.04	0.053	0.23	0.005	0.005	0.071	0.005	0.005	0.06	0.23
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-05/26/82	19	10.	12.	30.	3.	40.222	6.342	6.	8.	15.	19.
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-05/26/82	19	32.	32.316	42.	28.	9.561	3.092	29.	31.	34.	35.
01027	CADMIUM, TOTAL (UG/L AS CD)	08/13/74-03/15/82	10	1.	2.28	12.	0.25	12.67	3.56	0.25	0.438	3.	11.1
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/13/74-03/15/82	11 ##	2.5	3.091	6.	2.	1.541	1.241	2.1	2.5	3.	5.8
01042	COPPER, TOTAL (UG/L AS CU)	08/13/74-03/15/82	11	39.	92.273	494.	9.	20910.418	144.604	10.4	23.	85.	437.2
01051	LEAD, TOTAL (UG/L AS PB)	08/13/74-03/15/82	11	13.	24.	50.	10.	290.4	17.041	10.	10.	45.	50.
01067	NICKEL, TOTAL (UG/L AS NI)	08/13/74-03/15/82	10	10.	13.65	40.	2.5	105.892	10.29	3.05	9.5	16.25	38.
01092	ZINC, TOTAL (UG/L AS ZN)	08/13/74-03/15/82	11	63.	92.545	235.	31.	4669.473	68.334	33.8	52.	170.	224.
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	08/13/74-03/15/82	9	450.	761.111	2200.	180.	599786.111	774.459	180.	270.	1320.	2200.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	08/13/74-03/15/82	9	2.653	2.714	3.342	2.255	0.147	0.384	2.255	2.431	3.054	3.342
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			518.185								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/27/74-07/22/81	10	29.5	41.9	135.	0.	2046.989	45.244	0.3	3.	76.	130.6
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	08/27/74-07/22/81	10	2.5	6.7	21.	0.	61.344	7.832	0.1	1.	13.75	20.8
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	12/05/74-07/22/81	10	28.	37.5	104.	4.	1292.5	35.951	4.1	5.	67.	101.8
71900	MERCURY, TOTAL (UG/L AS HG)	08/13/74-03/15/82	9 ##	0.05	0.183	0.5	0.05	0.036	0.19	0.05	0.05	0.4	0.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0102

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-05/26/82	34	20.5	18.359	26.6	8.	27.58	5.252	10.25	14.	22.05	24.25
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-05/26/82	31	2.	2.323	5.	1.	0.559	0.748	2.	2.	3.	3.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-05/26/82	33	41500.	41524.242	50000.	35000.	21405643.939	4626.623	36000.	37000.	44600.	49000.
00300	OXYGEN, DISSOLVED MG/L	07/30/74-05/26/82	34	7.6	8.368	14.4	5.2	5.039	2.245	6.3	6.875	9.3	12.8
00310	BOD, 5 DAY, 20 DEG C MG/L	07/30/74-02/22/82	20	4.35	4.285	6.6	2.	1.728	1.314	2.23	3.125	5.65	5.8
00400	PH (STANDARD UNITS)	02/19/75-05/26/82	29	7.7	7.752	9.	7.	0.135	0.367	7.4	7.5	7.9	8.2
00400	CONVERTED PH (STANDARD UNITS)	02/19/75-05/26/82	29	7.7	7.633	9.	7.	0.149	0.387	7.4	7.5	7.9	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/19/75-05/26/82	29	0.02	0.023	0.1	0.001	0.	0.018	0.006	0.013	0.032	0.04
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/13/74-03/15/82	10	0.345	0.387	0.85	0.04	0.07	0.264	0.046	0.138	0.613	0.83
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/13/74-03/15/82	10	0.125	0.12	0.26	0.02	0.004	0.062	0.025	0.078	0.135	0.249
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-05/26/82	24	10.5	11.375	21.	6.	15.201	3.899	6.	8.25	14.	16.5
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-05/26/82	30	32.	32.2	37.	27.	7.062	2.657	28.1	30.	35.	35.9
01027	CADMIUM, TOTAL (UG/L AS CD)	08/13/74-03/15/82	8	2.	5.094	21.	0.25	52.963	7.278	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/13/74-03/15/82	7 ##	2.5	2.286	2.5	1.	0.321	0.567	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/13/74-03/15/82	8	24.5	28.125	50.	8.	239.839	15.487	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	08/13/74-03/15/82	8	16.5	17.125	35.	5.	86.125	9.28	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	08/13/74-03/15/82	8	14.	13.5	32.	2.5	84.5	9.192	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/13/74-03/15/82	8	47.5	67.875	197.	12.	3631.268	60.26	**	**	**	**
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	08/13/74-03/15/82	15	230.	8613.	100000.	10.	664921792.143	25786.077	10.	55.	3000.	52000.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	08/13/74-03/15/82	15	2.362	2.529	5.	1.	1.391	1.179	1.	1.74	3.477	4.581
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			337.831								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/27/74-07/22/81	15	15.	27.4	88.	0.	848.971	29.137	0.	1.	49.	75.4
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	08/27/74-07/22/81	14	1.	3.786	15.	0.	28.181	5.309	0.	0.	6.5	14.
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	12/05/74-07/22/81	15	9.	15.467	55.	0.	278.267	16.681	0.	1.	29.	42.4
71900	MERCURY, TOTAL (UG/L AS HG)	08/13/74-03/15/82	5	0.2	0.43	0.9	0.05	0.187	0.432	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0103

NPS Station ID: GATE0103 | LAT/LON: 40.608059/ -73.886116 | Agency: 21350000 | Date Created: / /
Location: JAMAICA BAY | FIPS State/County: 36000 NEW YORK/
Station Type: /TYPA/AMBNT/OCEAN | STORET Station ID(s): 403629007353100/J2
RMI-Indexes: 0133000 | Within Park Boundary: Yes
RMI-Miles: 0000.00
HUC: 02030202 | Depth of Water: 35 | Aquifer:
Major Basin: NORTHEAST | Elevation: 0 | Water Body Id:
Minor Basin: LOWER HUDSON-N.Y. METROPOLITAN AREA | ECO Region:
RF1 Index: 02030202028 | RF1 Mile Point: 30.780 | Distance from RF1: 0.00 | On/Off RF1: ON
RF3 Index: 02030202002709.04 | RF3 Mile Point: 18.61 | Distance from RF3: 0.17 | On/Off RF3:
Description:
STATION IS LOCATED IN JAMAICA BAY AT EAST END OF MILL BASIN CHANNEL. DATA COLLECTED BY CITY OF NEW YORK DEPARTMENT OF PUBLIC WORKS.

Parameter Inventory for Station: GATE0103

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/07/73-01/08/74	4	6.2	6.225	9.4	3.1	13.023	3.609	**	**	**	**
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/15/22-09/15/66	571	74.	73.123	83.	60.	15.978	3.997	68.	71.	76.	78.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/07/73-01/08/74	4	5.5	5.5	9.	2.	16.333	4.041	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/07/73-01/08/74	4	4.3	4.75	7.	3.4	2.49	1.578	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/07/73-01/08/74	4	27050.	26890.	29700.	23760.	8996400.	2999.4	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/07/73-01/08/74	3	40984.	40611.	41746.	39103.	1850709.	1360.408	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	06/15/22-01/08/74	579	5.6	5.65	12.7	0.4	2.651	1.628	3.9	4.6	6.5	7.6
00310p	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	294	2.	2.319	7.7	0.	1.868	1.367	0.95	1.3	2.9	4.35
00403	PH, LAB, STANDARD UNITS SU	11/07/73-01/08/74	4	6.85	6.85	7.9	5.8	1.47	1.212	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	11/07/73-01/08/74	4	6.098	6.098	7.9	5.8	2.225	1.492	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/07/73-01/08/74	4	0.799	0.799	1.585	0.013	0.824	0.908	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/07/73-01/08/74	4	15050.	15086.5	15346.	14900.	49929.	223.448	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/07/73-01/08/74	4	19400.	20725.	40000.	4100.	349682500.	18699.799	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/07/73-01/08/74	4	4.125	4.116	4.602	3.613	0.27	0.52	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			13062.946								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/09/53-09/15/66	271	9300.	30442.993	350000.	15.	2165508647.459	46535.026	900.	2300.	46000.	110000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/09/53-09/15/66	271	3.968	3.967	5.544	1.176	0.598	0.773	2.954	3.362	4.663	5.041
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			9275.532								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/07/73-01/08/74	4	1120.	2195.	6100.	440.	6925166.667	2631.571	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/07/73-01/08/74	4	3.037	3.126	3.785	2.643	0.235	0.485	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1335.949								
70305	SALINITY BASED ON CONDUCTIVITY	11/07/73-01/08/74	4	25.55	25.65	26.6	24.9	0.777	0.881	**	**	**	**
70307p	SEA WATER, PERCENT	06/15/22-09/15/66	574	86.	85.66	98.	46.	25.509	5.051	80.5	83.	89.	91.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0103

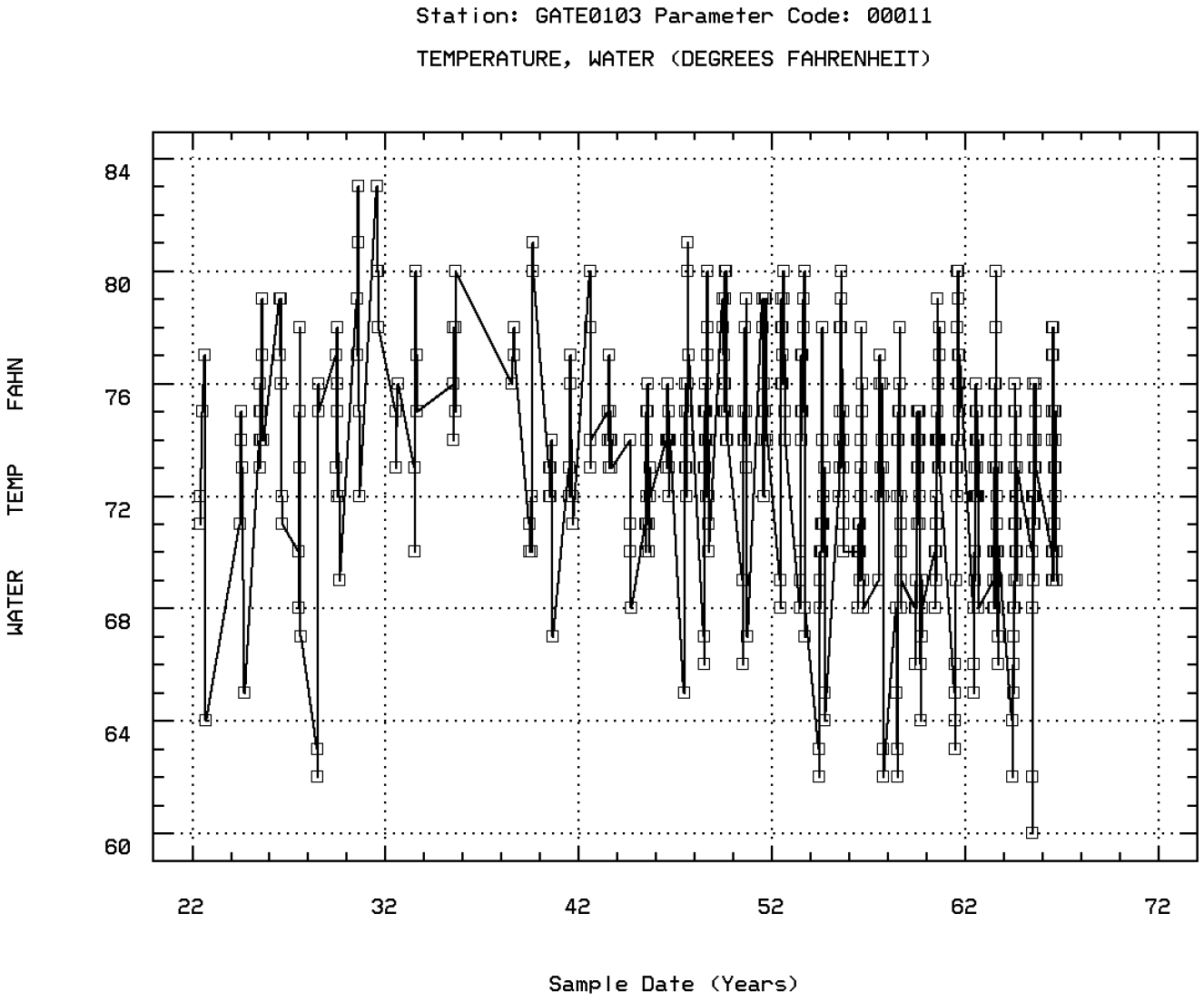
Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	4	0	0.00				4	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	579	76	0.13	293	39	0.13	4	0	0.00	282	37	0.13			
00403	PH, LAB	Other-Hi Lim.	9.	4	0	0.00				4	0	0.00						
		Other-Lo Lim.	6.5	4	2	0.50				4	2	0.50						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

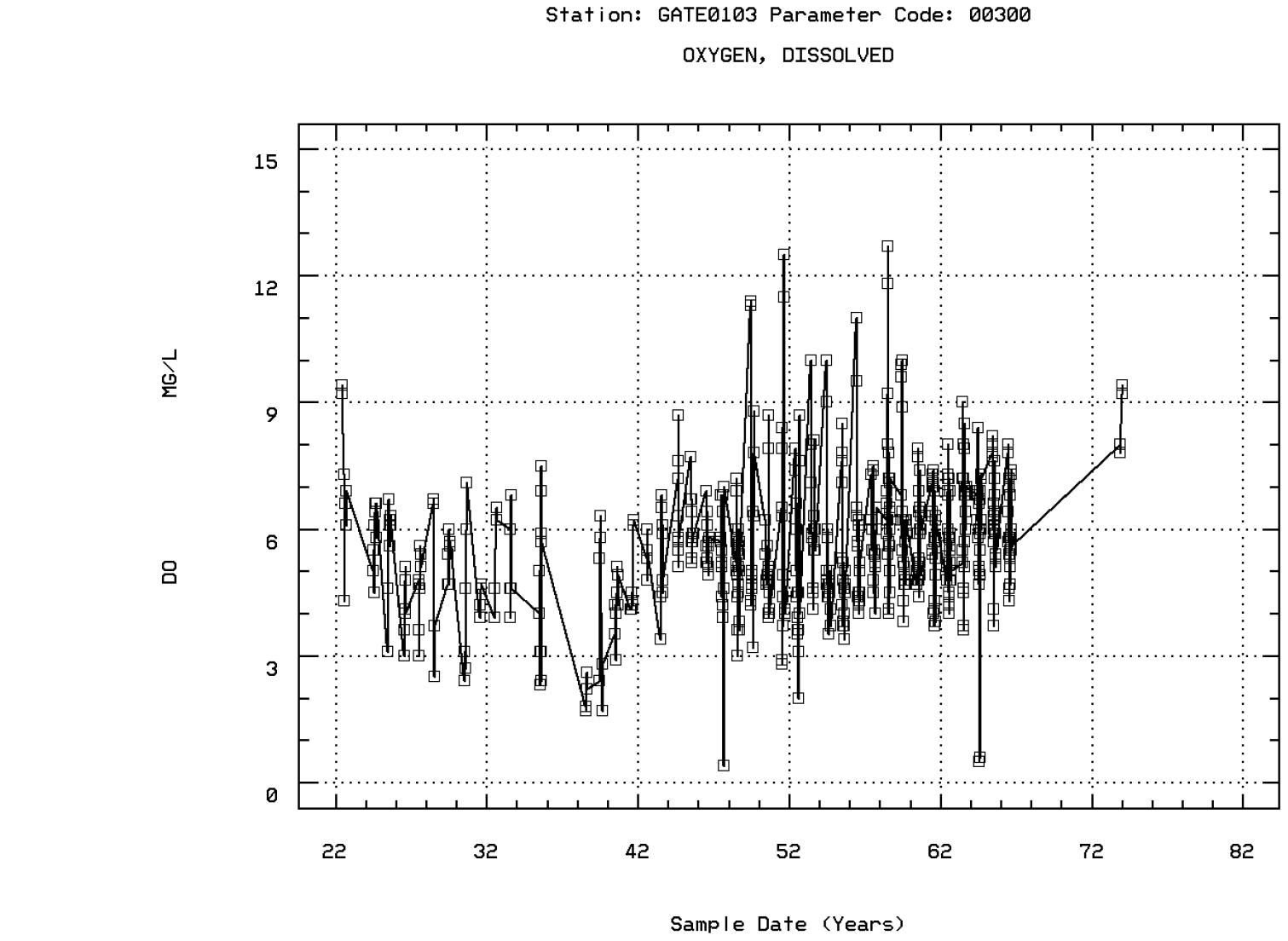
EPA Water Quality Criteria Analysis for Station: GATE0103

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	4	4	1.00				4	4	1.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	271	233	0.86	138	122	0.88				133	111	0.83			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	4	4	1.00				4	4	1.00						

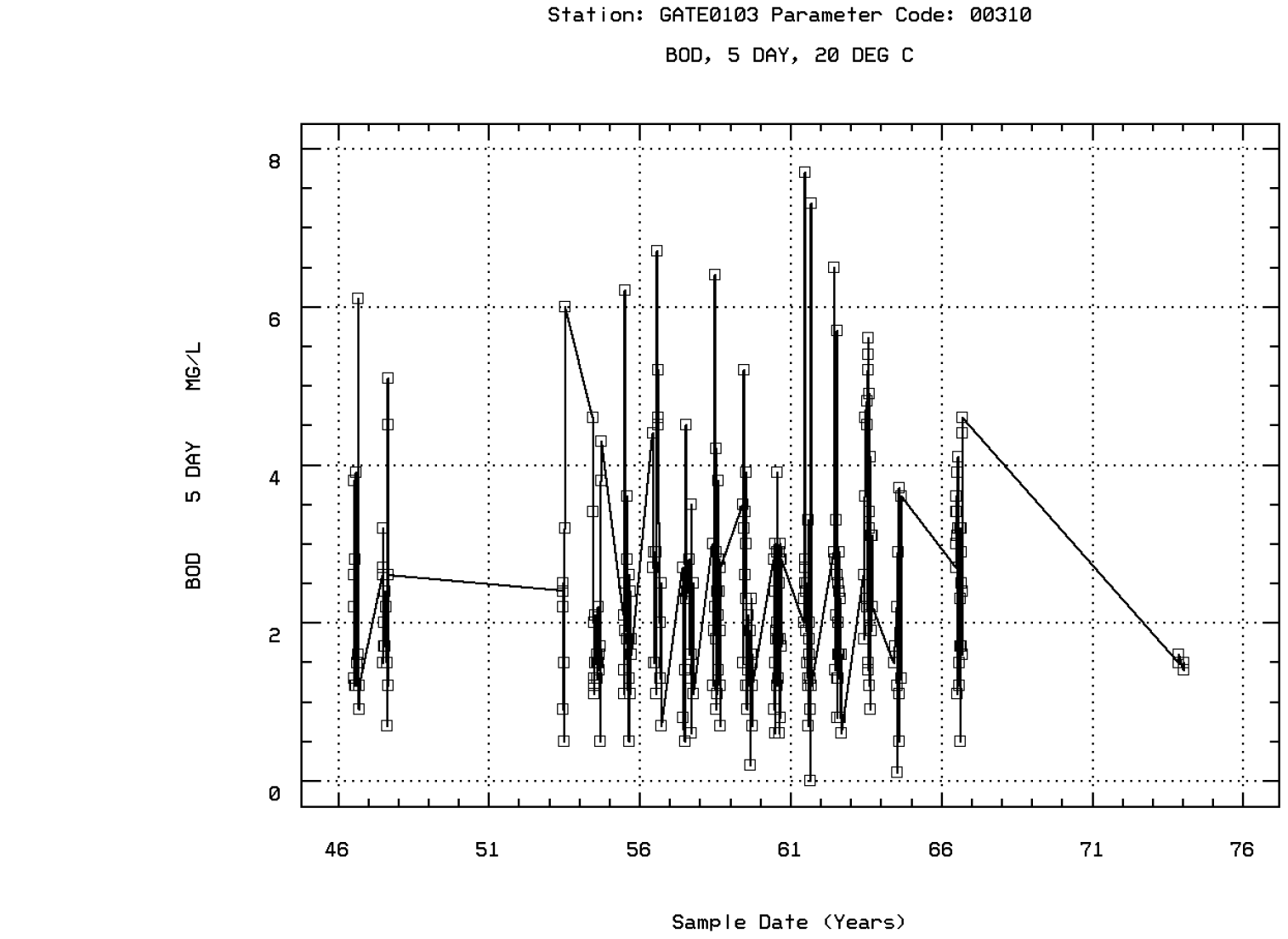
& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter


Station: GATE0103 Parameter Code: 00011
TEMPERATURE, WATER (DEGREES FAHRENHEIT)
WATER TEMP FAHN
84
80
76
72
68
64
60
22
32
42
52
62
72
Sample Date (Years)

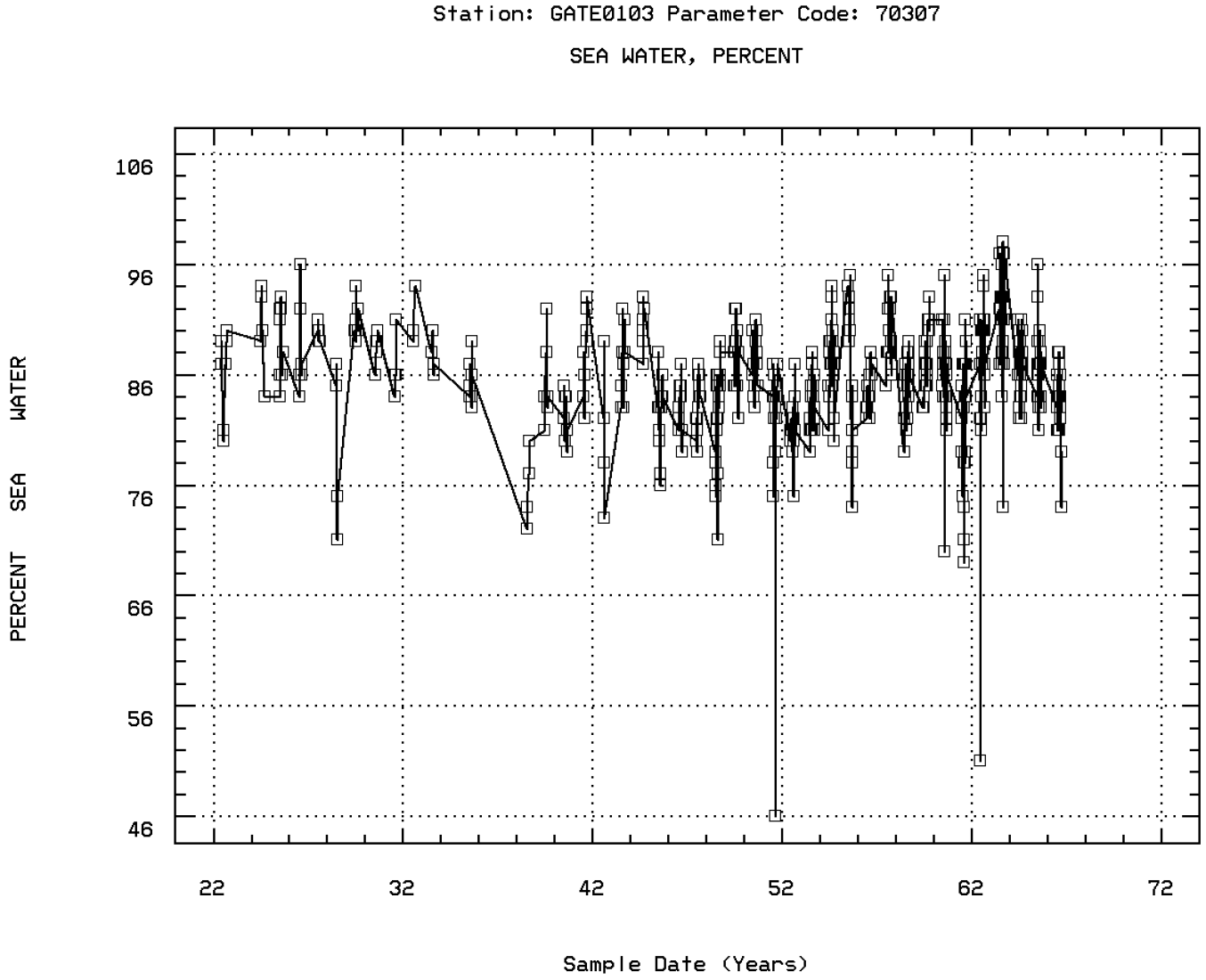
JAMAICA BAY


Station: GATE0103 Parameter Code: 00300
OXYGEN, DISSOLVED
DO MG/L
15
12
9
6
3
0
22
32
42
52
62
72
82
Sample Date (Years)

JAMAICA BAY


Station: GATE0103 Parameter Code: 00310
BOD, 5 DAY, 20 DEG C
BOD 5 DAY MG/L
0
2
4
6
8
46
51
56
61
66
71
76
Sample Date (Years)

JAMAICA BAY


Station: GATE0103 Parameter Code: 70307
SEA WATER, PERCENT
PERCENT SEA WATER
106
96
86
76
66
56
46
22
32
42
52
62
72
Sample Date (Years)

JAMAICA BAY

Annual Analysis for 1922 - Station GATE0103

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/15/22-09/15/66	7	72.	71.143	77.	64.	27.81	5.273	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	06/15/22-01/08/74	7	6.9	7.114	9.4	4.3	3.145	1.773	**	**	**	**
70307p	SEA WATER, PERCENT	06/15/22-09/15/66	7	87.	86.143	90.	80.	16.143	4.018	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1924 - Station GATE0103

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/15/22-09/15/66	8	72.	70.875	75.	65.	14.982	3.871	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	06/15/22-01/08/74	8	5.95	5.813	6.6	4.5	0.593	0.77	**	**	**	**
70307p	SEA WATER, PERCENT	06/15/22-09/15/66	8	89.5	89.125	94.	84.	13.268	3.643	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1925 - Station GATE0103

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/15/22-09/15/66	10	74.5	75.1	79.	73.	3.211	1.792	73.1	74.	76.25	78.8
00300p	OXYGEN, DISSOLVED MG/L	06/15/22-01/08/74	10	6.15	5.76	6.7	3.1	1.236	1.112	3.25	5.35	6.4	6.7
70307p	SEA WATER, PERCENT	06/15/22-09/15/66	10	88.	88.6	93.	84.	10.044	3.169	84.2	86.	92.	92.9

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1926 - Station GATE0103

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/15/22-09/15/66	6	76.5	75.667	79.	71.	11.867	3.445	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	06/15/22-01/08/74	6	4.05	4.1	5.1	3.	0.592	0.769	**	**	**	**
70307p	SEA WATER, PERCENT	06/15/22-09/15/66	6	86.5	88.5	96.	84.	20.7	4.55	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1927 - Station GATE0103

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/15/22-09/15/66	8	71.5	71.625	78.	67.	17.696	4.207	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	06/15/22-01/08/74	8	4.75	4.6	5.6	3.	0.786	0.886	**	**	**	**
70307p	SEA WATER, PERCENT	06/15/22-09/15/66	7	89.	89.571	91.	89.	0.619	0.787	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1928 - Station GATE0103

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/15/22-09/15/66	4	69.	69.	76.	62.	56.667	7.528	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	06/15/22-01/08/74	4	5.15	4.875	6.7	2.5	4.443	2.108	**	**	**	**
70307p	SEA WATER, PERCENT	06/15/22-09/15/66	4	80.	79.5	87.	71.	59.667	7.724	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1929 - Station GATE0103

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/15/22-09/15/66	8	74.	74.	78.	69.	9.143	3.024	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	06/15/22-01/08/74	8	5.65	5.512	6.	4.7	0.298	0.546	**	**	**	**
70307p	SEA WATER, PERCENT	06/15/22-09/15/66	8	90.	90.75	94.	89.	2.5	1.581	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1930 - Station GATE0103

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/15/22-09/15/66	6	78.	77.833	83.	72.	16.167	4.021	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	06/15/22-01/08/74	6	3.85	4.317	7.1	2.4	3.686	1.92	**	**	**	**
70307p	SEA WATER, PERCENT	06/15/22-09/15/66	6	88.5	88.	90.	86.	2.8	1.673	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1931 - Station GATE0103

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/15/22-09/15/66	4	80.	80.25	83.	78.	4.25	2.062	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	06/15/22-01/08/74	4	4.4	4.35	4.7	3.9	0.137	0.37	**	**	**	**
70307p	SEA WATER, PERCENT	06/15/22-09/15/66	4	86.	86.75	91.	84.	8.917	2.986	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1932 - Station GATE0103

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/15/22-09/15/66	4	75.5	75.	76.	73.	2.	1.414	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	06/15/22-01/08/74	4	5.4	5.3	6.5	3.9	1.567	1.252	**	**	**	**
70307p	SEA WATER, PERCENT	06/15/22-09/15/66	4	92.	91.75	94.	89.	6.917	2.63	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1933 - Station GATE0103

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/15/22-09/15/66	6	76.	75.833	80.	70.	15.767	3.971	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	06/15/22-01/08/74	6	5.3	5.317	6.8	3.9	1.234	1.111	**	**	**	**
70307p	SEA WATER, PERCENT	06/15/22-09/15/66	6	88.	88.167	90.	86.	2.567	1.602	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1935 - Station GATE0103

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/15/22-09/15/66	10	78.	77.4	80.	74.	5.156	2.271	74.1	75.	80.	80.
00300p	OXYGEN, DISSOLVED MG/L	06/15/22-01/08/74	10	4.5	4.59	7.5	2.3	3.528	1.878	2.31	2.925	6.15	7.44
70307p	SEA WATER, PERCENT	06/15/22-09/15/66	10	85.5	85.4	89.	83.	3.822	1.955	83.	83.75	87.	88.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1938 - Station GATE0103

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/15/22-09/15/66	4	76.5	76.75	78.	76.	0.917	0.957	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	06/15/22-01/08/74	4	2.	2.075	2.6	1.7	0.169	0.411	**	**	**	**
70307p	SEA WATER, PERCENT	06/15/22-09/15/66	4	75.5	75.75	80.	72.	12.25	3.5	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1939 - Station GATE0103

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/15/22-09/15/66	6	71.5	74.	81.	70.	26.	5.099	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	06/15/22-01/08/74	6	4.05	4.05	6.3	1.7	3.899	1.975	**	**	**	**
70307p	SEA WATER, PERCENT	06/15/22-09/15/66	6	84.	85.333	92.	81.	15.867	3.983	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1940 - Station GATE0103

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/15/22-09/15/66	8	72.5	71.5	74.	67.	8.286	2.878	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	06/15/22-01/08/74	8	4.2	4.163	5.1	2.9	0.514	0.717	**	**	**	**
70307p	SEA WATER, PERCENT	06/15/22-09/15/66	8	83.	82.375	85.	79.	4.839	2.2	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1941 - Station GATE0103

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/15/22-09/15/66	8	72.	73.	77.	71.	5.143	2.268	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	06/15/22-01/08/74	8	4.25	4.7	6.2	4.1	0.82	0.906	**	**	**	**
70307p	SEA WATER, PERCENT	06/15/22-09/15/66	8	88.5	88.	93.	82.	14.571	3.817	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1942 - Station GATE0103

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/15/22-09/15/66	4	76.	76.25	80.	73.	10.917	3.304	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	06/15/22-01/08/74	4	5.4	5.4	6.	4.8	0.247	0.497	**	**	**	**
70307p	SEA WATER, PERCENT	06/15/22-09/15/66	4	80.	80.5	89.	73.	45.667	6.758	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1943 - Station GATE0103

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/15/22-09/15/66	8	74.	74.375	77.	73.	1.696	1.302	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	06/15/22-01/08/74	8	5.35	5.3	6.8	3.4	1.429	1.195	**	**	**	**
70307p	SEA WATER, PERCENT	06/15/22-09/15/66	8	87.5	87.125	92.	83.	11.268	3.357	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1944 - Station GATE0103

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/15/22-09/15/66	8	72.5	71.625	74.	68.	7.411	2.722	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	06/15/22-01/08/74	8	6.05	6.488	8.7	5.1	1.524	1.235	**	**	**	**
70307p	SEA WATER, PERCENT	06/15/22-09/15/66	8	90.5	90.375	93.	87.	3.982	1.996	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1945 - Station GATE0103

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/15/22-09/15/66	12	72.	72.5	76.	70.	4.273	2.067	70.	71.	74.75	75.7
00300p	OXYGEN, DISSOLVED MG/L	06/15/22-01/08/74	12	5.9	6.075	7.7	5.2	0.486	0.697	5.23	5.7	6.625	7.4
70307p	SEA WATER, PERCENT	06/15/22-09/15/66	12	83.	82.333	88.	76.	11.697	3.42	76.3	80.25	84.	87.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1946 - Station GATE0103

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/15/22-09/15/66	14	74.	74.143	76.	72.	1.516	1.231	72.5	73.	75.25	76.
00300p	OXYGEN, DISSOLVED MG/L	06/15/22-01/08/74	14	5.65	5.75	6.9	4.9	0.4	0.632	5.	5.2	6.175	6.9
00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	14	1.55	2.271	6.1	0.9	2.15	1.466	1.05	1.2	3.05	5.
70307p	SEA WATER, PERCENT	06/15/22-09/15/66	14	84.	83.214	87.	79.	4.181	2.045	80.	81.75	84.25	86.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1947 - Station GATE0103

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/15/22-09/15/66	16	75.	74.188	81.	65.	18.829	4.339	65.	73.	76.75	80.3
00300p	OXYGEN, DISSOLVED MG/L	06/15/22-01/08/74	16	5.6	5.288	7.	0.4	2.714	1.648	2.85	4.45	6.7	7.
00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	16	2.2	2.363	5.1	0.7	1.311	1.145	1.05	1.55	2.675	4.68
70307p	SEA WATER, PERCENT	06/15/22-09/15/66	16	84.	83.5	87.	79.	5.467	2.338	79.7	82.	85.75	86.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1948 - Station GATE0103

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/15/22-09/15/66	24	74.	73.542	80.	66.	9.911	3.148	68.5	72.	75.	77.5
00300p	OXYGEN, DISSOLVED MG/L	06/15/22-01/08/74	24	5.3	5.142	7.2	3.	0.991	0.996	3.6	4.55	5.7	6.45
70307p	SEA WATER, PERCENT	06/15/22-09/15/66	24	84.	82.667	89.	71.	20.58	4.536	75.5	79.5	85.75	88.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1949 - Station GATE0103

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/15/22-09/15/66	16	76.	76.688	80.	74.	5.296	2.301	74.	75.	79.	80.
00300p	OXYGEN, DISSOLVED MG/L	06/15/22-01/08/74	16	5.65	6.269	11.4	3.2	6.566	2.562	3.2	4.375	7.8	11.33

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1949 - Station GATE0103

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70307p	SEA WATER, PERCENT	06/15/22-09/15/66	16	88.5	88.25	92.	82.	9.667	3.109	84.1	85.	91.5	92.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1950 - Station GATE0103

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/15/22-09/15/66	16	74.	73.5	79.	66.	18.	4.243	66.7	70.	77.25	79.
00300p	OXYGEN, DISSOLVED MG/L	06/15/22-01/08/74	18	4.8	5.167	8.7	3.9	1.659	1.288	3.99	4.4	5.45	7.98
70307p	SEA WATER, PERCENT	06/15/22-09/15/66	18	87.5	87.722	91.	83.	6.918	2.63	83.9	85.	90.	91.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1951 - Station GATE0103

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/15/22-09/15/66	16	75.5	75.938	79.	72.	6.596	2.568	72.	74.	79.	79.
00300p	OXYGEN, DISSOLVED MG/L	06/15/22-01/08/74	16	4.4	5.775	12.5	2.8	8.555	2.925	2.87	3.775	7.55	11.8
70307p	SEA WATER, PERCENT	06/15/22-09/15/66	16	83.5	80.438	87.	46.	96.263	9.811	66.3	79.	85.75	87.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1952 - Station GATE0103

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/15/22-09/15/66	18	77.5	76.333	80.	68.	11.882	3.447	68.9	74.75	79.	80.
00300p	OXYGEN, DISSOLVED MG/L	06/15/22-01/08/74	18	4.45	5.017	8.7	2.	3.59	1.895	2.99	3.6	6.8	7.98
70307p	SEA WATER, PERCENT	06/15/22-09/15/66	18	81.5	81.333	87.	75.	6.353	2.521	78.6	80.	82.25	84.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1953 - Station GATE0103

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/15/22-09/15/66	20	75.	74.3	80.	67.	19.168	4.378	68.	69.25	78.	79.9
00300p	OXYGEN, DISSOLVED MG/L	06/15/22-01/08/74	20	5.85	6.22	10.	4.1	2.795	1.672	4.14	5.5	6.9	9.81
00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	8	2.3	2.4	6.	0.5	2.903	1.704	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/09/53-09/15/66	1	500.	500.	500.	500.	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/09/53-09/15/66	1	2.699	2.699	2.699	2.699	0.	0.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			500.								
70307p	SEA WATER, PERCENT	06/15/22-09/15/66	20	82.5	83.1	88.	79.	5.989	2.447	81.	81.	85.	86.9

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1954 - Station GATE0103

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/15/22-09/15/66	20	70.5	70.3	78.	62.	19.063	4.366	63.1	68.25	73.	77.6
00300p	OXYGEN, DISSOLVED MG/L	06/15/22-01/08/74	20	4.7	5.11	10.	3.5	2.678	1.636	3.52	4.4	5.	8.7

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1954 - Station GATE0103

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	20	1.55	2.005	4.6	0.5	1.25	1.118	1.11	1.325	2.175	4.25
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/09/53-09/15/66	20	3350.	7255.	46000.	400.	116891026.316	10811.615	450.	900.	10575.	22700.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/09/53-09/15/66	20	3.507	3.5	4.663	2.602	0.346	0.588	2.637	2.954	4.023	4.346
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			3165.063								
70307p	SEA WATER, PERCENT	06/15/22-09/15/66	20	87.5	87.2	94.	80.	14.484	3.806	81.1	84.25	89.75	92.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1955 - Station GATE0103

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/15/22-09/15/66	18	73.5	74.222	80.	70.	10.771	3.282	70.	71.75	78.	79.1
00300p	OXYGEN, DISSOLVED MG/L	06/15/22-01/08/74	18	4.65	5.139	8.5	3.4	2.398	1.548	3.67	3.95	5.75	7.87
00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	18	1.8	2.083	6.2	0.5	1.618	1.272	0.95	1.25	2.525	3.86
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/09/53-09/15/66	18	4300.	12227.778	46000.	900.	213228006.536	14602.329	900.	2300.	24000.	46000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/09/53-09/15/66	18	3.633	3.792	4.663	2.954	0.288	0.536	2.954	3.362	4.38	4.663
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			6198.27								
70307p	SEA WATER, PERCENT	06/15/22-09/15/66	18	89.5	86.5	95.	74.	44.5	6.671	77.6	79.	92.25	94.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1956 - Station GATE0103

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/15/22-09/15/66	18	71.	71.722	78.	68.	8.095	2.845	68.	69.75	74.	76.2
00300p	OXYGEN, DISSOLVED MG/L	06/15/22-01/08/74	18	5.4	5.722	11.	4.	3.43	1.852	4.18	4.375	6.225	9.65
00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	18	2.8	3.15	6.7	0.7	3.676	1.917	0.97	1.45	4.525	6.7
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/09/53-09/15/66	18	8400.	9452.778	46000.	150.	121947785.948	11042.997	375.	2100.	10725.	26200.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/09/53-09/15/66	18	3.922	3.667	4.663	2.176	0.401	0.633	2.559	3.315	4.02	4.408
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			4648.425								
70307p	SEA WATER, PERCENT	06/15/22-09/15/66	18	84.5	84.722	88.	82.	3.154	1.776	82.	83.75	86.	88.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1957 - Station GATE0103

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/15/22-09/15/66	14	73.	72.	77.	62.	22.615	4.756	62.5	69.	76.	76.5
00300p	OXYGEN, DISSOLVED MG/L	06/15/22-01/08/74	16	5.5	5.769	7.5	4.	1.046	1.023	4.35	5.125	6.425	7.43
00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	16	1.95	2.	4.5	0.5	1.195	1.093	0.57	1.15	2.65	3.8
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/09/53-09/15/66	16	4300.	17238.438	110000.	15.	770761372.396	27762.589	1054.5	2300.	24000.	65200.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/09/53-09/15/66	16	3.633	3.738	5.041	1.176	0.76	0.872	2.576	3.362	4.38	4.776
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			5468.962								
70307p	SEA WATER, PERCENT	06/15/22-09/15/66	16	88.	89.188	95.	85.	9.096	3.016	85.	87.25	92.	93.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1958 - Station GATE0103

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/15/22-09/15/66	24	72.	71.542	78.	62.	18.346	4.283	64.	69.	75.	76.
00300p	OXYGEN, DISSOLVED MG/L	06/15/22-01/08/74	24	6.3	6.733	12.7	4.	4.369	2.09	4.3	5.6	7.2	10.5
00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	24	2.	2.2	6.4	0.7	1.689	1.299	0.95	1.125	2.8	4.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/09/53-09/15/66	24	8400.	21351.5	110000.	36.	1005301914.87	31706.496	400.	1250.	40500.	78000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/09/53-09/15/66	24	3.922	3.748	5.041	1.556	0.784	0.886	2.602	3.056	4.592	4.852
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			5599.316								
70307p	SEA WATER, PERCENT	06/15/22-09/15/66	24	85.	84.833	89.	79.	6.928	2.632	81.	83.	87.	88.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1959 - Station GATE0103

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/15/22-09/15/66	24	71.5	70.833	75.	64.	11.275	3.358	66.	68.	74.	75.
00300p	OXYGEN, DISSOLVED MG/L	06/15/22-01/08/74	24	6.	6.179	10.	3.8	3.007	1.734	4.5	4.95	6.35	9.75
00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	24	1.6	2.017	5.2	0.2	1.404	1.185	0.8	1.2	2.9	3.7
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/09/53-09/15/66	24	4300.	25379.167	110000.	200.	1304968677.536	36124.35	400.	900.	40500.	110000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/09/53-09/15/66	24	3.633	3.781	5.041	2.301	0.791	0.89	2.602	2.954	4.592	5.041
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			6033.054								
70307p	SEA WATER, PERCENT	06/15/22-09/15/66	24	87.	87.25	93.	83.	7.848	2.801	83.	85.	89.75	91.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1960 - Station GATE0103

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/15/22-09/15/66	24	73.	73.292	79.	68.	7.172	2.678	69.5	71.25	74.75	77.5
00300p	OXYGEN, DISSOLVED MG/L	06/15/22-01/08/74	24	5.25	5.713	7.9	4.4	1.006	1.003	4.75	4.925	6.375	7.55
00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	24	1.85	1.996	3.9	0.6	0.814	0.902	0.7	1.225	2.8	3.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/09/53-09/15/66	24	22500.	42487.5	110000.	400.	2160127228.261	46477.169	650.	2300.	110000.	110000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/09/53-09/15/66	24	4.351	4.13	5.041	2.602	0.703	0.839	2.778	3.362	5.041	5.041
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			13504.021								
70307p	SEA WATER, PERCENT	06/15/22-09/15/66	24	87.	86.25	95.	70.	22.022	4.693	81.5	84.	88.	91.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1961 - Station GATE0103

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/15/22-09/15/66	26	74.	72.615	80.	63.	27.366	5.231	64.7	68.25	77.	79.3
00300p	OXYGEN, DISSOLVED MG/L	06/15/22-01/08/74	26	6.	5.831	7.4	3.7	1.531	1.237	3.94	4.75	7.025	7.23
00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	24	1.95	2.267	7.7	0.	3.144	1.773	0.8	1.3	2.5	5.3
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/09/53-09/15/66	26	19500.	32101.923	110000.	150.	1403035296.154	37457.113	750.	4300.	46000.	110000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/09/53-09/15/66	26	4.278	4.093	5.041	2.176	0.571	0.756	2.849	3.633	4.663	5.041
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			12399.643								
70307p	SEA WATER, PERCENT	06/15/22-09/15/66	26	82.5	81.577	91.	69.	31.374	5.601	73.1	78.	87.	87.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1962 - Station GATE0103

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/15/22-09/15/66	26	72.5	71.846	76.	65.	10.935	3.307	66.	68.75	74.	76.
00300p	OXYGEN, DISSOLVED MG/L	06/15/22-01/08/74	26	5.55	5.692	8.	4.	1.15	1.072	4.34	4.8	6.825	7.23
00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	23	2.	2.243	6.5	0.6	2.055	1.434	0.8	1.3	2.8	4.74
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/09/53-09/15/66	26	12150.	32350.	110000.	400.	1676757800.	40948.233	750.	4300.	46000.	110000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/09/53-09/15/66	26	4.072	4.063	5.041	2.602	0.54	0.735	2.849	3.633	4.663	5.041
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			11566.695								
70307p	SEA WATER, PERCENT	06/15/22-09/15/66	26	88.	86.654	95.	51.	65.515	8.094	81.7	85.5	91.	91.9

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1963 - Station GATE0103

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/15/22-09/15/66	26	71.5	72.154	80.	66.	13.175	3.63	67.7	69.75	75.	78.
00300p	OXYGEN, DISSOLVED MG/L	06/15/22-01/08/74	26	6.8	6.431	9.	3.6	1.931	1.39	4.26	5.425	7.2	8.15
00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	25	3.1	3.08	5.6	0.9	2.128	1.459	1.32	1.85	4.55	5.28
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/09/53-09/15/66	26	9300.	20742.308	110000.	900.	856668138.462	29268.894	2300.	2300.	24000.	65200.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/09/53-09/15/66	26	3.968	3.966	5.041	2.954	0.333	0.577	3.362	3.362	4.38	4.776
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			9251.117								
70307p	SEA WATER, PERCENT	06/15/22-09/15/66	26	91.	90.385	98.	74.	25.846	5.084	86.1	87.	93.	97.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1964 - Station GATE0103

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/15/22-09/15/66	24	70.5	70.208	76.	62.	13.129	3.623	64.5	68.	73.	75.
00300p	OXYGEN, DISSOLVED MG/L	06/15/22-01/08/74	24	6.	5.667	8.4	0.5	3.325	1.823	2.65	5.	6.8	7.25
00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	12	1.6	1.95	3.7	0.1	1.543	1.242	0.22	1.125	3.425	3.67
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/09/53-09/15/66	24	110000.	69358.333	110000.	2300.	2537643405.797	50375.028	2300.	5100.	110000.	110000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/09/53-09/15/66	24	5.041	4.508	5.041	3.362	0.524	0.724	3.362	3.694	5.041	5.041
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			32206.563								
70307p	SEA WATER, PERCENT	06/15/22-09/15/66	24	87.	87.042	91.	82.	7.694	2.774	82.5	85.25	89.75	91.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1965 - Station GATE0103

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/15/22-09/15/66	24	72.5	71.667	76.	60.	15.362	3.919	65.	70.25	74.	76.
00300p	OXYGEN, DISSOLVED MG/L	06/15/22-01/08/74	24	6.15	6.262	8.2	3.7	1.275	1.129	4.6	5.75	7.1	7.9
70307p	SEA WATER, PERCENT	06/15/22-09/15/66	24	87.	86.792	96.	81.	11.216	3.349	83.	84.	88.75	91.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1966 - Station GATE0103

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/15/22-09/15/66	24	73.	73.042	78.	69.	8.042	2.836	69.	70.25	75.	77.5
00300p	OXYGEN, DISSOLVED MG/L	06/15/22-01/08/74	24	5.8	6.017	8.	4.3	1.017	1.009	4.65	5.425	6.95	7.6
00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	24	2.95	2.717	4.6	0.5	1.188	1.09	1.15	1.7	3.4	4.25

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1966 - Station GATE0103

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/09/53-09/15/66	24	35000.	59062.5	350000.	3300.	9242194619.565	96136.334	4900.	7900.	54000.	255000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/09/53-09/15/66	24	4.544	4.382	5.544	3.519	0.342	0.585	3.69	3.898	4.732	5.374
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			24081.285								
70307p	SEA WATER, PERCENT	06/15/22-09/15/66	24	83.	83.083	88.	74.	9.21	3.035	80.	81.	84.75	87.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1973 - Station GATE0103

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300p	OXYGEN, DISSOLVED MG/L	06/15/22-01/08/74	2	7.9	7.9	8.	7.8	0.02	0.141	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	2	1.55	1.55	1.6	1.5	0.005	0.071	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

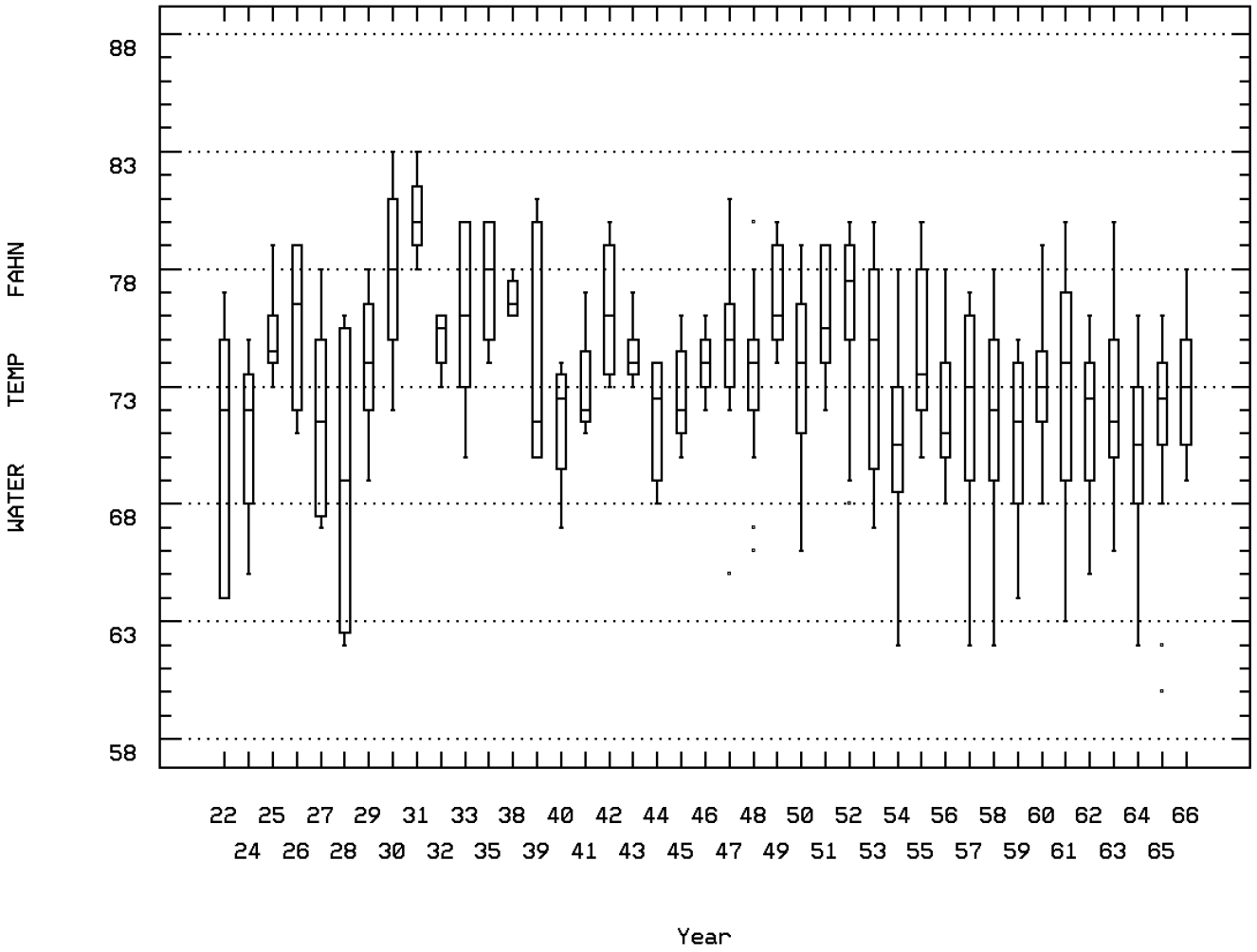
Annual Analysis for 1974 - Station GATE0103

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300p	OXYGEN, DISSOLVED MG/L	06/15/22-01/08/74	2	9.3	9.3	9.4	9.2	0.02	0.141	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	2	1.45	1.45	1.5	1.4	0.005	0.071	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: GATE0103 Parameter Code: 00011

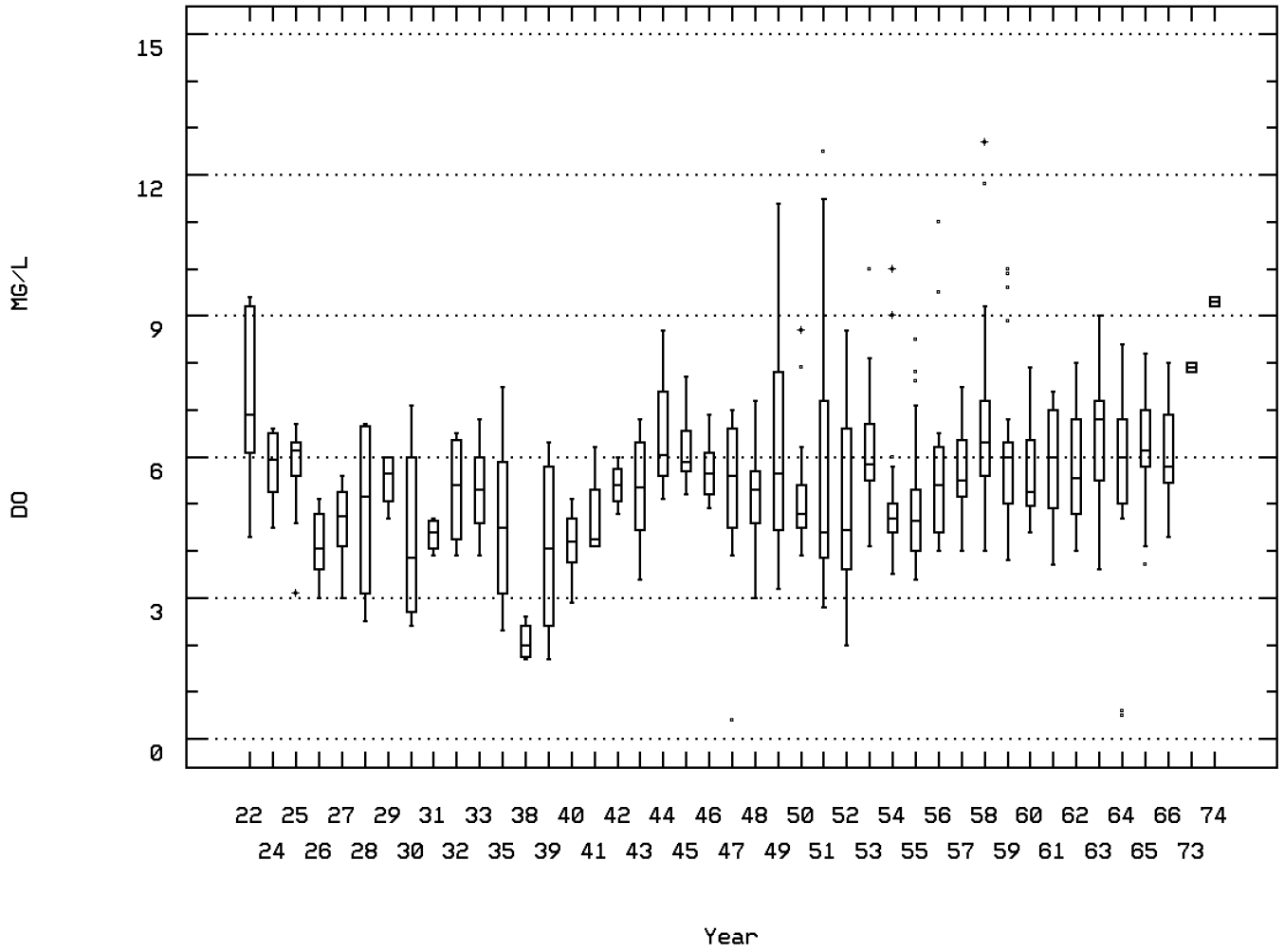
TEMPERATURE, WATER (DEGREES FAHRENHEIT)



JAMAICA BAY

Station: GATE0103 Parameter Code: 00300

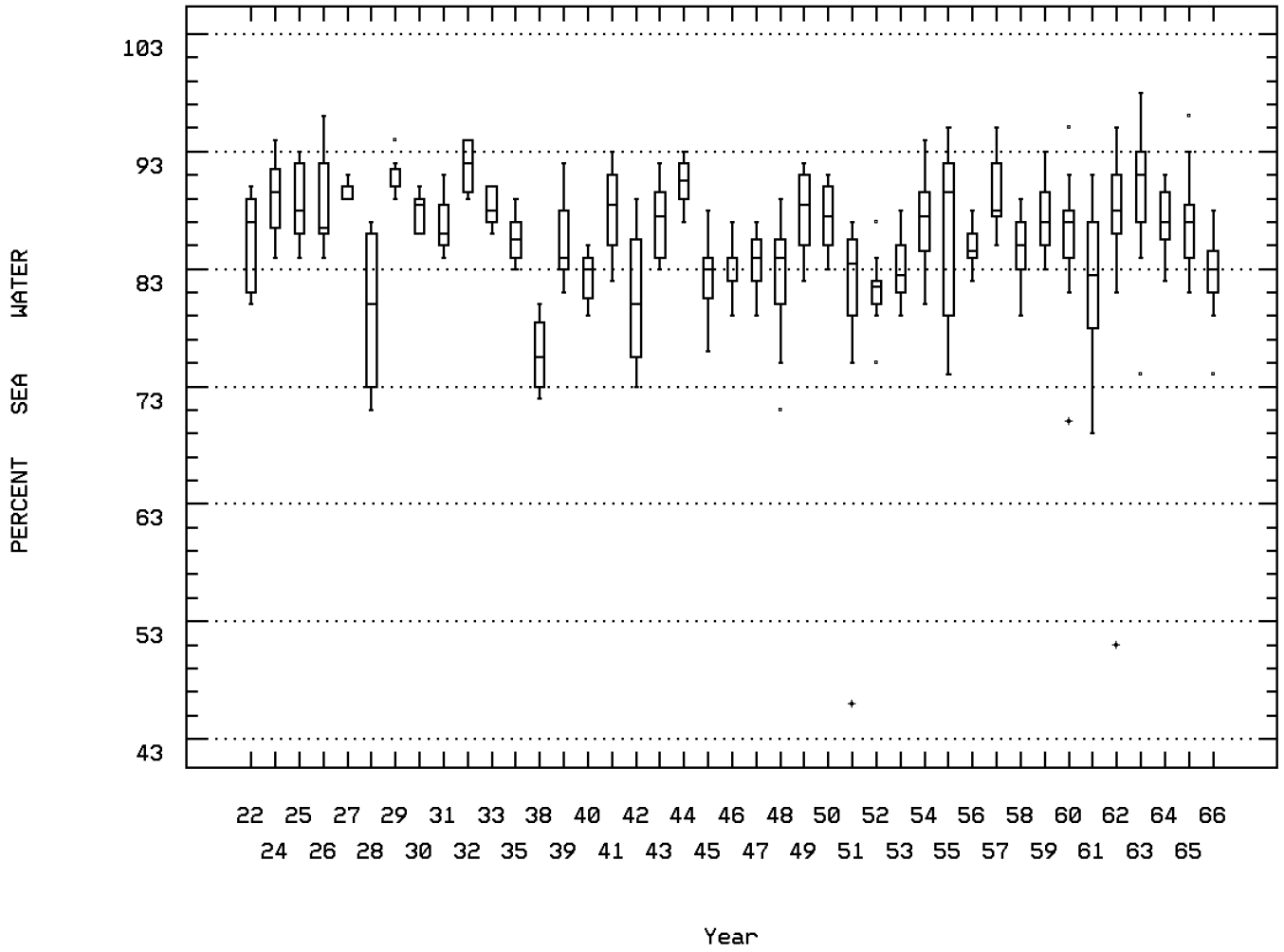
OXYGEN, DISSOLVED



JAMAICA BAY

Station: GATE0103 Parameter Code: 70307

SEA WATER, PERCENT



JAMAICA BAY

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0103

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/15/22-09/15/66	293	74.	73.601	83.	62.	14.063	3.75	68.4	72.	76.	79.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/09/53-09/15/66	138	9300.	30442.652	350000.	36.	2714697182.083	52102.756	900.	2300.	35000.	110000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/09/53-09/15/66	138	3.968	3.982	5.544	1.556	0.539	0.734	2.954	3.362	4.544	5.041
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			9603.217								
70307p	SEA WATER, PERCENT	06/15/22-09/15/66	293	87.	86.061	98.	46.	25.496	5.049	81.	84.	89.	91.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

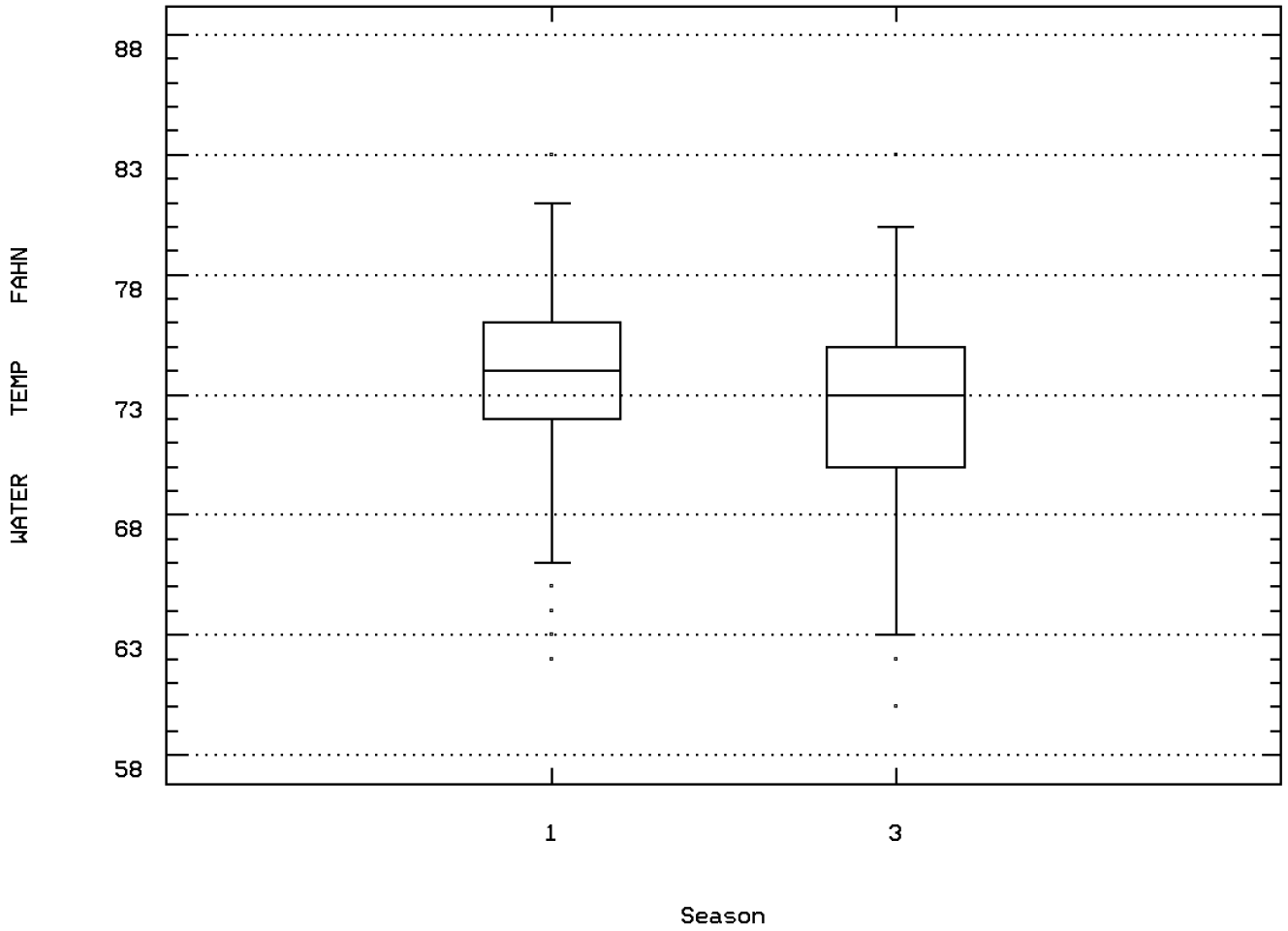
Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0103

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/15/22-09/15/66	278	73.	72.619	83.	60.	17.558	4.19	66.9	70.	75.25	78.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/09/53-09/15/66	133	9300.	30443.346	160000.	15.	1611922885.122	40148.759	660.	2300.	46000.	110000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/09/53-09/15/66	133	3.968	3.952	5.204	1.176	0.664	0.815	2.801	3.362	4.663	5.041
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			8947.342								
70307p	SEA WATER, PERCENT	06/15/22-09/15/66	281	85.	85.242	97.	51.	25.27	5.027	80.	82.	88.	91.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: GATE0103 Parameter Code: 00011

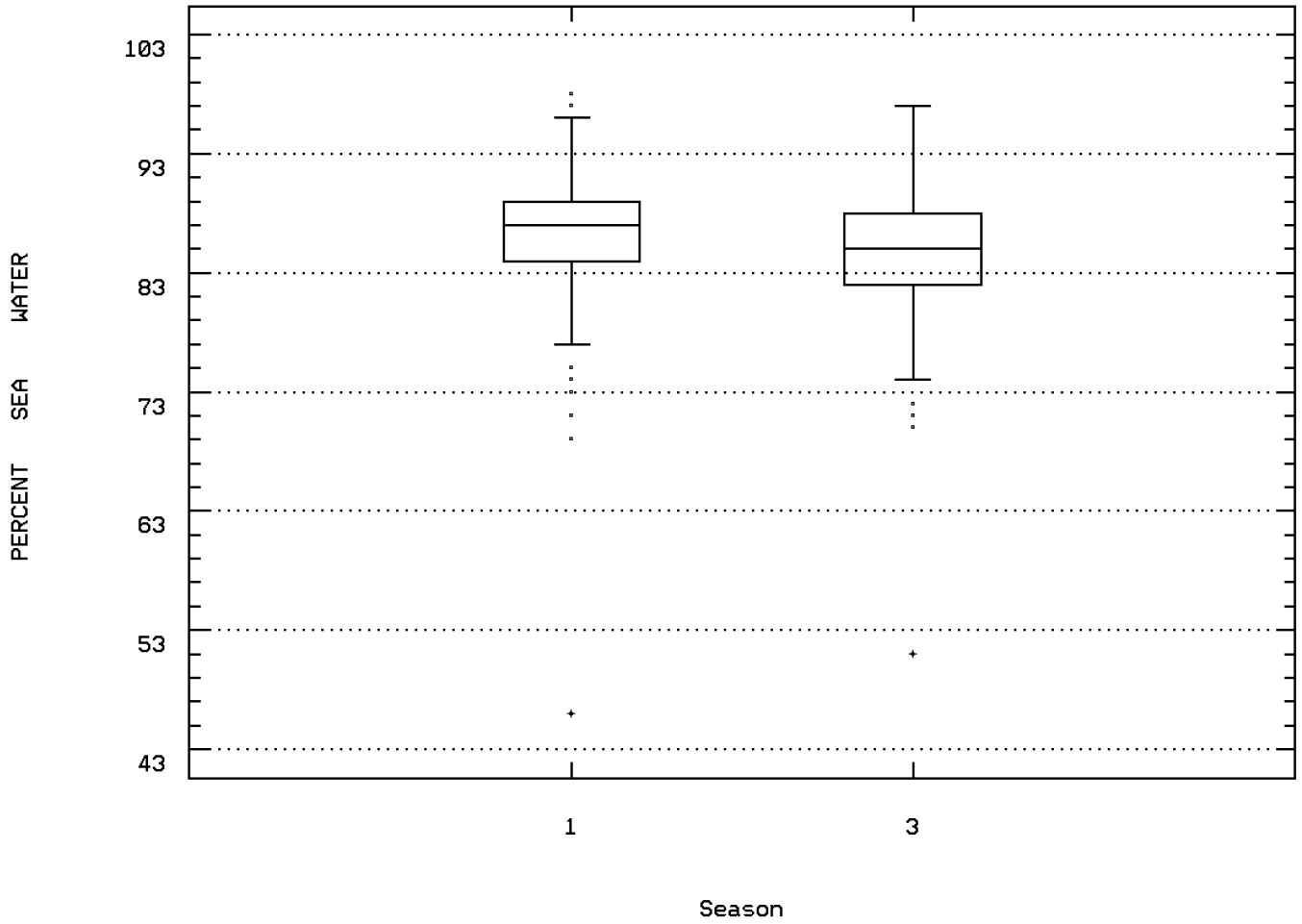
TEMPERATURE, WATER (DEGREES FAHRENHEIT)



JAMAICA BAY

Station: GATE0103 Parameter Code: 70307

SEA WATER, PERCENT



JAMAICA BAY

Station Inventory for Station: GATE0104

NPS Station ID: GATE0104
LAT/LON: 40.607504/ -73.886392
Agency: 1111H030
Date Created: / /
Location: JAMAICA BAY (J02)
FIPS State/County: 36081 NEW YORK/QUEENS
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): 403627007353110/J02 /909
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02030202
Depth of Water: 35
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-N.Y. METROPOLI
ECO Region:
RF1 Index: 02030202027
RF1 Mile Point: 24.360
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02030202002709.04
RF3 Mile Point: 18.62
Distance from RF3: 0.14
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0104

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/03/66-08/24/66	12	17.5	14.625	25.	4.	82.473	9.081	4.	5.	23.45	25.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/03/66-08/24/66	12	21.	17.5	26.	6.	69.727	8.35	6.	7.	24.	26.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/03/66-08/24/66	12	2.6	2.875	5.9	1.5	1.633	1.278	1.53	1.85	3.375	5.48
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/03/66-08/24/66	12	29900.	29672.5	38800.	20800.	34582711.364	5880.707	20800.	25652.5	33200.	38740.
00300	OXYGEN, DISSOLVED MG/L	03/03/66-08/24/66	12	8.35	8.5	12.	4.9	7.656	2.767	5.05	5.725	11.725	11.97
00310	BOD, 5 DAY, 20 DEG C MG/L	03/03/66-08/24/66	12	2.75	2.608	3.9	1.	0.663	0.814	1.24	1.95	3.2	3.78
00400	PH (STANDARD UNITS)	03/03/66-08/24/66	12	7.4	7.383	7.6	7.1	0.023	0.153	7.13	7.3	7.5	7.6
00400	CONVERTED PH (STANDARD UNITS)	03/03/66-08/24/66	12	7.4	7.358	7.6	7.1	0.024	0.155	7.13	7.3	7.5	7.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/03/66-08/24/66	12	0.04	0.044	0.079	0.025	0.	0.016	0.025	0.032	0.05	0.075
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/25/66-08/24/66	7	0.15	0.207	0.61	0.02	0.037	0.193	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/03/66-08/24/66	12	0.035	0.029	0.05	0.	0.	0.017	0.	0.02	0.04	0.05
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/03/66-08/24/66	12	0.1	0.126	0.25	0.07	0.003	0.057	0.07	0.083	0.178	0.232
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/03/66-08/24/66	12	1.13	1.143	1.75	0.74	0.07	0.264	0.788	0.93	1.31	1.621
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/03/66-08/24/66	12	0.73	0.722	1.1	0.26	0.072	0.268	0.278	0.568	0.97	1.085
00940	CHLORIDE,TOTAL IN WATER MG/L	04/22/65-08/24/66	14	14900.	15157.143	16900.	13700.	1047252.747	1023.354	13850.	14200.	16050.	16800.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/22/65-08/24/66	14	1650.	3671.429	24000.	140.	40899720.879	6395.289	140.	222.5	3725.	16600.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/22/65-08/24/66	14	3.207	3.061	4.38	2.146	0.515	0.718	2.146	2.343	3.551	4.172
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1151.398								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/22/65-08/24/66	14	375.	767.714	2800.	40.	813054.681	901.695	44.	100.	1092.5	2500.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/22/65-08/24/66	14	2.565	2.553	3.447	1.602	0.371	0.609	1.642	1.992	2.998	3.395
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			357.524								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/03/66-08/24/66	12	15.	86.833	340.	2.	15016.333	122.541	2.	2.5	197.5	319.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/03/66-08/24/66	12	1.151	1.297	2.531	0.301	0.769	0.877	0.301	0.376	2.285	2.501
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			19.799								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0104

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	12	0	0.00	2	0	0.00	4	0	0.00	6	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	12	0	0.00	2	0	0.00	4	0	0.00	6	0	0.00			
00400	PH	Other-Hi Lim.	9.	12	0	0.00	2	0	0.00	4	0	0.00	6	0	0.00			
		Other-Lo Lim.	6.5	12	0	0.00	2	0	0.00	4	0	0.00	6	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: GATE0104

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	14	8	0.57	2	2	1.00	4	4	1.00	8	2	0.25			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	14	10	0.71	2	2	1.00	4	4	1.00	8	4	0.50			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0105

NPS Station ID: GATE0105
LAT/LON: 40.621670/ -73.886949
Agency: 1111H030
Date Created: / /
Location: JAMAICA BAY (912)
FIPS State/County: 36081 NEW YORK/QUEENS
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): 403718007353130/912
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02030202
Depth of Water: 40
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-N.Y. METROPOLI
ECO Region:
RF1 Index: 02030202028
RF1 Mile Point: 29.600
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02030202002900.00
RF3 Mile Point: 8.72
Distance from RF3: 0.13
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0105

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00940	CHLORIDE,TOTAL IN WATER MG/L	04/22/65-04/22/65	2	14500.	14500.	14500.	14500.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/22/65-04/22/65	2	2900.	2900.	5300.	500.	11520000.	3394.113	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/22/65-04/22/65	2	3.212	3.212	3.724	2.699	0.526	0.725	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1627.882								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/22/65-04/22/65	2	2730.	2730.	5000.	460.	10305800.	3210.265	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/22/65-04/22/65	2	3.181	3.181	3.699	2.663	0.537	0.733	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1516.575								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0105

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	1	0.50							2	1	0.50			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	2	2	1.00							2	2	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0106

NPS Station ID: GATE0106
LAT/LON: 40.578226/ -73.887226
Agency: 11NPSWRD
Date Created: 12/21/96
Location: Marine Parkway Bridge
FIPS State/County: 36047 NEW YORK/KINGS
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): GATE_JB-4 /MPB-4
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02030202
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METROPOLITAN AREA
ECO Region:
RF1 Index: 02030202
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
Station is located where the Marine Parkway Bridge traverses Rockaway Inlet. The station can be found on the USGS 7.5' Coney Island N.Y.-N.J. quadrangle. To reach the site: Drive boat to northeast section of Marine Parkway Bridge facing the Floyd Bennett Field Sewage Treatment Plant outflow pipe. Take sample at this location. Any data recorded with a depth of 999 indicates that the sample was collected at the bottom. Data recorded with a depth of 0 indicates that the sample was collected at the surface. For additional information on the water quality data stored at this station; contact the Division of Natural Resources at Gateway National Recreation Area - Building 210; Fort Wadsworth; Staten Island N.Y. 10305 (tel. 718-448-5505; fax. 718-448-4015). The park produces an Annual Report summarizing each year's monitoring activities. Data processed and uploaded to STORET by Dean Tucker; NPS WRD; 1201 Oak Ridge Drive Ste. 250; Fort Collins CO 80525 (tel. 970-225-3516; fax. 970-225-9965).

Parameter Inventory for Station: GATE0106

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/30/93	144	21.35	20.193	26.6	1.9	13.28	3.644	15.3	18.425	22.6	24.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/28/92-08/30/93	30	23.95	23.28	43.	11.	31.886	5.647	16.1	20.5	25.625	28.9
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/28/92-08/30/93	21	2.14	2.109	3.36	1.07	0.465	0.682	1.25	1.605	2.44	3.36
00080	COLOR (PLATINUM-COBALT UNITS)	06/07/83-08/30/83	12	22.5	24.583	50.	15.	79.356	8.908	16.5	20.	25.	44.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/24/89-08/30/93	138	39050.	38614.493	45100.	31200.	8750737.332	2958.165	34290.	36850.	40525.	42420.
00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/30/93	123	7.2	6.908	11.5	2.3	3.497	1.87	4.5	5.6	8.1	9.2
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/12/83-08/30/83	4	76.	74.25	100.	45.	620.917	24.918	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/01/83-08/30/83	14	7.8	7.821	8.4	7.1	0.146	0.383	7.15	7.65	8.2	8.3
00403	CONVERTED PH, LAB, STANDARD UNITS	06/01/83-08/30/83	14	7.8	7.656	8.4	7.1	0.176	0.419	7.15	7.65	8.2	8.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/01/83-08/30/83	14	0.016	0.022	0.079	0.004	0.001	0.022	0.005	0.006	0.023	0.071
00406	PH, FIELD, STANDARD UNITS SU	05/24/89-08/30/93	113	8.1	8.042	9.	6.9	0.139	0.373	7.44	7.9	8.29	8.468
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/24/89-08/30/93	113	8.1	7.846	9.	6.9	0.178	0.422	7.44	7.9	8.29	8.468
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/24/89-08/30/93	113	0.008	0.014	0.126	0.001	0.	0.019	0.003	0.005	0.013	0.037
00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/30/93	148	26.7	26.503	30.6	19.6	4.537	2.13	23.17	25.55	27.975	29.11
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/09/83-08/23/83	2	0.032	0.032	0.042	0.021	0.	0.015	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/26/83-08/30/83	4	0.02	0.022	0.046	0.	0.001	0.025	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/01/83-08/30/83	12	15492.	15355.417	16542.	13710.	751498.265	866.89	13913.7	14655.	16085.5	16457.1
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/23/93	200	393.	1209.685	13800.	0.	4682685.915	2163.951	6.9	92.5	1076.75	3795.9
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/23/93	200	2.594	2.405	4.14	0.	1.028	1.014	0.818	1.966	3.032	3.579

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GATE0106

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			254.287								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/01/83-08/30/83	14	920.	4790.929	24000.	33.	71681702.841	8466.505	136.5	290.	4100.	24000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/01/83-08/30/83	14	2.964	3.037	4.38	1.519	0.667	0.817	1.949	2.462	3.526	4.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1089.577								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/01/83-08/30/83	14	225.	2585.571	24000.	23.	43709513.187	6611.317	34.5	117.25	540.	16600.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/01/83-08/30/83	14	2.339	2.51	4.38	1.362	0.665	0.816	1.512	2.06	2.732	4.172
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			323.77								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	203	55.	448.493	10000.	0.	1623976.182	1274.353	0.	11.	237.	1000.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	203	1.74	1.63	4.	0.	1.168	1.081	0.	1.041	2.375	3.
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			42.622								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	09/08/83-08/16/93	9	4.59	7.796	29.7	1.89	76.013	8.719	1.89	2.14	9.37	29.7
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/09/83-09/08/83	4	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0106

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	123	9	0.07	42	7	0.17				81	2	0.02			
00403	PH, LAB	Other-Hi Lim.	9.	14	0	0.00	5	0	0.00				9	0	0.00			
		Other-Lo Lim.	6.5	14	0	0.00	5	0	0.00				9	0	0.00			
00406	PH, FIELD	Other-Hi Lim.	8.5	113	9	0.08	31	1	0.03				82	8	0.10			
		Other-Lo Lim.	6.5	113	0	0.00	31	0	0.00				82	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	200	57	0.29	61	14	0.23				139	43	0.31			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	14	6	0.43	5	4	0.80				9	2	0.22			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	14	7	0.50	5	4	0.80				9	3	0.33			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	203	55	0.27	63	16	0.25				140	39	0.28			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1980 - Station GATE0106

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/23/93	10	89.	179.9	933.	0.	78722.1	280.575	0.	16.5	222.25	868.6
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/23/93	10	1.917	1.668	2.97	0.	0.976	0.988	0.	1.007	2.341	2.919
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			46.517								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	10	11.	16.7	45.	0.	368.678	19.201	0.	0.	36.	45.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	10	0.671	0.751	1.653	0.	0.637	0.798	0.	0.	1.552	1.653
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			5.636								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station GATE0106

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/23/93	12	163.5	430.667	3300.	15.	835016.424	913.792	17.4	76.5	260.5	2468.1
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/23/93	12	2.211	2.183	3.519	1.176	0.366	0.605	1.232	1.867	2.41	3.28
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			152.375								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	13	112.	468.846	4700.	0.	1630238.641	1276.808	0.	40.	167.5	3004.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	13	2.049	1.841	3.672	0.	0.957	0.978	0.	1.588	2.22	3.268
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			69.271								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station GATE0106

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/23/93	9	353.	841.111	2673.	62.	915583.111	956.861	62.	101.	1712.5	2673.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/23/93	9	2.548	2.586	3.427	1.792	0.393	0.627	1.792	1.969	3.232	3.427
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			385.908								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	9	43.	356.444	1290.	12.	268150.528	517.833	12.	34.	855.	1290.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	9	1.633	1.995	3.111	1.079	0.579	0.761	1.079	1.531	2.908	3.111
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			98.807								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station GATE0106

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/30/93	6	23.5	23.	25.	20.	3.2	1.789	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/30/93	6	6.	5.867	8.1	3.4	3.151	1.775	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/30/93	12	27.95	27.733	29.9	24.8	2.43	1.559	25.16	26.475	29.05	29.75
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/23/93	14	540.	2460.714	13800.	30.	16527799.297	4065.44	50.	218.	3317.25	10530.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/23/93	14	2.732	2.827	4.14	1.477	0.594	0.77	1.661	2.336	3.452	4.
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			671.136								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	14	200.	1442.5	10000.	10.	7546634.115	2747.114	32.5	108.25	1992.75	6935.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	14	2.301	2.494	4.	1.	0.672	0.82	1.37	2.019	3.283	3.794
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			311.674								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GATE0106

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/23/93	13	1112.	2236.769	6667.	244.	4515195.359	2124.899	382.4	720.	3109.5	6560.2
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/23/93	13	3.046	3.171	3.824	2.387	0.178	0.421	2.541	2.855	3.491	3.817
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1483.984								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	13	143.	660.385	6200.	7.	2812565.756	1677.071	24.2	60.5	409.5	4004.8
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	13	2.155	2.191	3.792	0.845	0.492	0.701	1.187	1.776	2.593	3.416
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			155.072								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GATE0106

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/23/93	13	1291.	3448.769	6666.	90.	9734788.526	3120.062	90.	648.5	6666.	6666.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/23/93	13	3.111	3.194	3.824	1.954	0.498	0.705	1.954	2.767	3.824	3.824
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1564.214								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	14	24.	157.5	1301.	0.	130309.962	360.985	0.	1.5	80.75	935.5
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	14	1.305	1.224	3.114	0.	1.067	1.033	0.	0.226	1.895	2.935
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			16.751								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GATE0106

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/23/93	14	207.	350.071	1007.	44.	117768.995	343.175	46.5	92.5	528.75	956.5
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/23/93	14	2.295	2.324	3.003	1.643	0.228	0.478	1.667	1.945	2.694	2.98
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			210.86								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	14	164.5	295.214	2174.	14.	308617.566	555.534	18.5	29.5	278.	1272.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	14	2.177	2.047	3.337	1.146	0.381	0.617	1.254	1.47	2.44	2.953
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			111.302								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GATE0106

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/23/93	14	209.5	397.214	2224.	6.	319380.181	565.137	11.5	107.	533.25	1419.5
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/23/93	14	2.316	2.243	3.347	0.778	0.446	0.668	1.004	1.991	2.725	3.068
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			175.165								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	14	28.	538.786	7139.	0.	3609151.874	1899.777	1.	20.5	56.5	3604.5
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	14	1.447	1.492	3.854	0.	0.741	0.861	0.151	1.308	1.752	2.849
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			31.013								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GATE0106

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/23/93	14	211.	498.286	3588.	39.	833948.681	913.208	42.	120.5	416.75	2193.5
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/23/93	14	2.309	2.359	3.555	1.591	0.264	0.514	1.622	2.073	2.619	3.229
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			228.331								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GATE0106

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	14	22.	67.857	311.	0.	11709.67	108.211	0.	8.25	69.25	308.5
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	14	1.342	1.268	2.493	0.	0.689	0.83	0.	0.781	1.773	2.489
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			18.52								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0106

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/30/93	22	20.6	19.077	23.6	1.9	21.702	4.659	14.37	17.325	22.1	22.34
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/24/89-08/30/93	22	40550.	40372.727	44700.	33900.	9272554.113	3045.087	36070.	37775.	43225.	44060.
00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/30/93	14	8.05	7.814	10.	5.3	1.594	1.262	5.6	7.15	8.7	9.45
00406	PH, FIELD, STANDARD UNITS SU	05/24/89-08/30/93	19	7.4	7.611	9.	6.9	0.279	0.528	7.	7.2	8.	8.1
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/24/89-08/30/93	19	7.4	7.39	9.	6.9	0.33	0.574	7.	7.2	8.	8.1
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/24/89-08/30/93	19	0.04	0.041	0.126	0.001	0.001	0.035	0.008	0.01	0.063	0.1
00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/30/93	22	24.65	24.3	28.2	19.6	5.569	2.36	20.9	22.5	26.35	26.87
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/23/93	15	2010.	3358.4	13467.	22.	14884767.543	3858.078	114.4	841.	4466.	11424.6
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/23/93	15	3.303	3.164	4.129	1.342	0.532	0.729	1.884	2.925	3.65	4.053
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1457.22								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	15	134.	925.267	6670.	0.	3263672.352	1806.564	6.6	22.	1073.	4564.6
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	15	2.127	2.151	3.824	0.	1.063	1.031	0.625	1.342	3.031	3.63
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			141.453								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0106

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/30/93	30	20.45	19.947	25.	12.2	12.99	3.604	15.3	16.95	22.925	24.78
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/24/89-08/30/93	30	39400.	39763.333	45100.	34800.	6057574.713	2461.214	37120.	37475.	41050.	44020.
00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/30/93	25	7.2	6.844	10.3	4.2	3.065	1.751	4.6	5.15	8.2	9.36
00406	PH, FIELD, STANDARD UNITS SU	05/24/89-08/30/93	26	8.2	8.069	8.4	7.5	0.09	0.3	7.57	7.775	8.3	8.4
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/24/89-08/30/93	26	8.2	7.957	8.4	7.5	0.103	0.321	7.57	7.775	8.3	8.4
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/24/89-08/30/93	26	0.006	0.011	0.032	0.004	0.	0.009	0.004	0.005	0.017	0.027
00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/30/93	28	26.6	26.175	28.9	22.1	3.58	1.892	22.38	25.45	27.5	28.23
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/23/93	15	754.	1083.533	3828.	58.	986458.41	993.206	162.4	335.	1566.	2978.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/23/93	15	2.877	2.852	3.583	1.763	0.209	0.457	2.125	2.525	3.195	3.463
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			711.967								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	15	68.	326.4	2278.	0.	403522.4	635.234	0.	0.	290.	1711.6
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	15	1.833	1.655	3.358	0.	1.307	1.143	0.	0.	2.462	3.218
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			45.157								

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Annual Analysis for 1991 - Station GATE0106

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/30/93	26	21.9	21.896	26.6	14.8	6.835	2.614	18.65	20.975	23.375	25.15
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/24/89-08/30/93	26	37950.	37815.385	42400.	31200.	8723753.846	2953.6	33590.	35925.	39825.	41820.
00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/30/93	22	7.3	7.445	9.9	5.2	1.485	1.219	5.78	6.575	8.3	9.48
00406	PH, FIELD, STANDARD UNITS SU	05/24/89-08/30/93	17	8.1	8.147	8.7	7.8	0.05	0.224	7.88	8.	8.3	8.54
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/24/89-08/30/93	17	8.1	8.1	8.7	7.8	0.053	0.229	7.88	8.	8.3	8.54
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/24/89-08/30/93	17	0.008	0.008	0.016	0.002	0.	0.004	0.003	0.005	0.01	0.013

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0106

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/30/93	26	26.6	26.681	29.7	24.	2.383	1.544	24.14	25.65	27.7	29.23
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/23/93	28	696.	699.	2726.	0.	497512.148	705.345	0.	100.	986.	1342.7
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/23/93	28	2.841	2.345	3.436	0.	1.12	1.058	0.	2.	2.994	3.111
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			221.388								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	28	145.	632.571	4814.	0.	1496585.143	1223.35	26.1	87.	638.	1381.4
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	28	2.153	2.207	3.683	0.	0.76	0.872	1.316	1.94	2.805	3.068
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			160.916								

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Annual Analysis for 1992 - Station GATE0106

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/30/93	30	19.15	19.213	22.9	14.	8.467	2.91	15.3	16.025	22.15	22.69
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/24/89-08/30/93	30	38650.	38173.333	42000.	33900.	5442712.644	2332.962	34720.	36300.	39900.	41090.
00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/30/93	30	7.4	7.48	11.5	2.3	3.396	1.843	5.63	6.5	8.525	10.54
00406	PH, FIELD, STANDARD UNITS SU	05/24/89-08/30/93	30	8.13	8.213	8.7	7.91	0.058	0.242	7.952	8.02	8.428	8.6
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/24/89-08/30/93	30	8.13	8.157	8.7	7.91	0.062	0.248	7.952	8.02	8.428	8.6
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/24/89-08/30/93	30	0.007	0.007	0.012	0.002	0.	0.003	0.003	0.004	0.01	0.011
00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/30/93	30	28.65	28.467	30.6	25.8	1.401	1.184	26.9	27.625	29.225	29.69
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/23/93	15	87.	462.067	4002.	0.	1019227.924	1009.568	0.	29.	406.	2105.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/23/93	15	1.94	1.842	3.602	0.	1.236	1.112	0.	1.462	2.609	3.196
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			69.464								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	15	0.	61.867	696.	0.	32302.41	179.729	0.	0.	29.	365.4
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	15	0.	0.549	2.843	0.	0.963	0.981	0.	0.	1.462	2.434
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.537								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station GATE0106

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/30/93	30	21.95	20.2	24.9	11.7	15.639	3.955	13.14	17.15	23.4	23.99
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/24/89-08/30/93	30	38300.	37310.	41000.	31200.	9359551.724	3059.338	32280.	34425.	39825.	40490.
00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/30/93	26	5.25	5.608	10.5	2.5	4.35	2.086	2.5	4.	7.	8.45
00406	PH, FIELD, STANDARD UNITS SU	05/24/89-08/30/93	21	8.08	8.072	8.49	7.53	0.058	0.241	7.734	7.9	8.25	8.438
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/24/89-08/30/93	21	8.08	8.006	8.49	7.53	0.063	0.251	7.734	7.9	8.25	8.438
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/24/89-08/30/93	21	0.008	0.01	0.03	0.003	0.	0.006	0.004	0.006	0.013	0.019
00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/30/93	30	26.1	25.817	27.5	21.1	2.337	1.529	24.71	25.175	26.925	27.39
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/23/93	14	0.	604.857	4959.	0.	1959123.363	1399.687	0.	0.	427.75	3465.5
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/23/93	14	0.	0.864	3.695	0.	2.14	1.463	0.	0.	2.245	3.495
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			7.306								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	15	0.	36.533	290.	0.	7674.552	87.605	0.	0.	0.	236.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	15	0.	0.435	2.462	0.	0.831	0.911	0.	0.	0.	2.366
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.723								

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Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0106

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/30/93	43	22.3	22.516	25.	18.5	2.217	1.489	20.9	21.6	23.6	24.82
00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/30/93	42	6.5	6.2	9.9	2.3	3.619	1.902	3.43	4.8	7.55	8.47
00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/30/93	44	26.95	26.959	29.9	21.1	3.617	1.902	25.	26.	28.35	29.35
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/23/93	61	270.	1100.443	13800.	0.	5322135.084	2306.975	0.	76.	870.5	3589.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/23/93	61	2.431	2.211	4.14	0.	1.278	1.131	0.	1.873	2.94	3.551
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			162.608								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	63	58.	463.508	10000.	0.	1940505.254	1393.02	0.	7.	200.	1203.2
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	63	1.763	1.629	4.	0.	1.221	1.105	0.	0.845	2.301	3.079
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			42.603								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0106

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/30/93	101	19.9	19.204	26.6	1.9	14.751	3.841	14.64	16.2	22.1	23.56
00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/30/93	81	7.4	7.275	11.5	2.5	3.079	1.755	5.	6.25	8.25	9.6
00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/30/93	104	26.55	26.311	30.6	19.6	4.839	2.2	22.75	25.025	27.7	29.1
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/23/93	139	506.	1257.626	13467.	0.	4431006.931	2104.996	29.	107.	1189.	3828.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/23/93	139	2.704	2.491	4.129	0.	0.902	0.95	1.462	2.029	3.075	3.583
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			309.415								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	140	50.	441.736	7139.	0.	1494325.663	1222.426	0.	11.	255.25	800.4
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/30/93	140	1.699	1.63	3.854	0.	1.153	1.074	0.	1.041	2.407	2.903
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			42.631								

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Station Inventory for Station: GATE0107

NPS Station ID: GATE0107
LAT/LON: 40.608337/ -73.890004
Agency: REGII208
Date Created: 05/25/78
Location: JAMAICA BAY
FIPS State/County: 36047 NEW YORK/KINGS
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): NYC001J2 /J2
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02030202
Depth of Water: 33
Aquifer:
Major Basin: MOUTH OF MILL BASIN
Elevation: 0
Water Body Id:
Minor Basin: BTWN FL GR 6&BLK&RED CAN
ECO Region:
RF1 Index: 02030202028
RF1 Mile Point: 30.710
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02030202002900.00
RF3 Mile Point: 2.07
Distance from RF3: 0.14
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0107

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/15/76-07/18/77	4	13.4	13.55	25.	2.4	162.917	12.764	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	12/15/76-07/18/77	4	8.6	8.4	11.2	5.2	10.22	3.197	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	12/15/76-07/18/77	2	2.75	2.75	2.9	2.6	0.045	0.212	**	**	**	**
00400	PH (STANDARD UNITS)	12/15/76-12/15/76	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/15/76-12/15/76	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/15/76-12/15/76	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	12/15/76-07/18/77	2	8.5	8.5	10.	7.	4.5	2.121	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/15/76-07/18/77	2	0.378	0.378	0.43	0.325	0.006	0.074	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/15/76-07/18/77	2	0.036	0.036	0.041	0.03	0.	0.008	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/15/76-07/18/77	2	0.118	0.118	0.17	0.065	0.006	0.074	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/15/76-07/18/77	2	1.14	1.14	1.2	1.08	0.007	0.085	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/15/76-07/18/77	2	0.2	0.2	0.24	0.16	0.003	0.057	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	12/15/76-07/18/77	4	15800.	15075.	15800.	12900.	2102500.	1450.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	12/15/76-12/15/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	12/15/76-12/15/76	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	12/15/76-12/15/76	1	9.	9.	9.	9.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	12/15/76-12/15/76	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	12/15/76-12/15/76	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	12/15/76-12/15/76	1	12.	12.	12.	12.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	12/15/76-07/18/77	2	1400.	1400.	1700.	1100.	180000.	424.264	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	12/15/76-07/18/77	2	3.136	3.136	3.23	3.041	0.018	0.134	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1367.479								
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/15/76-07/18/77	2	5.	5.	5.	5.	0.	0.	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/15/76-07/18/77	2	0.699	0.699	0.699	0.699	0.	0.	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			5.								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/15/76-07/18/77	2	5.	5.	5.	5.	0.	0.	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/15/76-07/18/77	2	0.699	0.699	0.699	0.699	0.	0.	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			5.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/15/76-07/18/77	2	415.	415.	700.	130.	162450.	403.051	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/15/76-07/18/77	2	2.48	2.48	2.845	2.114	0.267	0.517	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			301.662								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	12/15/76-07/18/77	2	0.111	0.111	0.152	0.07	0.003	0.058	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	12/15/76-12/15/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0107

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00				2	0	0.00	2	0	0.00			
00400	PH	Other-Hi Lim.	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
01027	CADMIUM, TOTAL	Marine Acute	43.	1	0	0.00				1	0	0.00						
01042	COPPER, TOTAL	Marine Acute	2.9	1	1	1.00				1	1	1.00						
01051	LEAD, TOTAL	Marine Acute	220.	1	0	0.00				1	0	0.00						
01067	NICKEL, TOTAL	Marine Acute	75.	1	0	0.00				1	0	0.00						
01092	ZINC, TOTAL	Marine Acute	95.	1	0	0.00				1	0	0.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	2	1.00				1	1	1.00	1	1	1.00			
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	2	0	0.00				1	0	0.00	1	0	0.00			
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	2	0	0.00				1	0	0.00	1	0	0.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	2	1	0.50				1	1	1.00	1	0	0.00			
71900	MERCURY, TOTAL	Marine Acute	2.1	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0108

NPS Station ID: GATE0108
LAT/LON: 40.620281/ -73.890281
Agency: 11NYCOR
Date Created: 09/08/79
Location: ISLAND CHANNEL SOUTH OF CANARSIE BEACH
FIPS State/County: 36047 NEW YORK/KINGS
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): NYCOR77
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02030202
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METRO AREA
ECO Region:
RF1 Index: 02030202028
RF1 Mile Point: 29.920
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02030202002900.00
RF3 Mile Point: 7.99
Distance from RF3: 0.24
On/Off RF3:
Description:
NEW YORK CORPS OF ENGINEERS DREDGING STUDIES

Parameter Inventory for Station: GATE0108

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	05/15/75-05/15/75	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/15/75-05/15/75	1	2.12	2.12	2.12	2.12	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/15/75-05/15/75	1	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	05/15/75-05/15/75	1	26.6	26.6	26.6	26.6	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	05/15/75-05/15/75	1	50.	50.	50.	50.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/15/75-05/15/75	1	31.2	31.2	31.2	31.2	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	05/15/75-05/15/75	1	54.	54.	54.	54.	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	05/15/75-05/15/75	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GATE0109

NPS Station ID: GATE0109
LAT/LON: 40.540004/ -73.891670
Agency: REGII208
Date Created: 06/14/78
Location: LOWER NEW YORK BAY
FIPS State/County: 36047 NEW YORK/KINGS
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): NYC001B2 /B2
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030202
Depth of Water: 37
Aquifer:
Major Basin: AT RED NUN BUOY '2'
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02030202028
RF1 Mile Point: 2.830
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02030202002709.04
RF3 Mile Point: 13.21
Distance from RF3: 2.74
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0109

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/17/75-07/18/77	16	17.55	15.938	22.8	7.6	24.151	4.914	8.02	10.55	18.825	21.61
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/17/75-11/06/75	6	39600.	39266.667	40300.	37000.	1402666.667	1184.342	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/17/75-07/18/77	16	7.35	7.581	11.	6.	2.096	1.448	6.14	6.425	8.325	10.44
00310	BOD, 5 DAY, 20 DEG C MG/L	09/17/75-07/18/77	8	0.9	1.013	1.9	0.5	0.233	0.482	**	**	**	**
00400	PH (STANDARD UNITS)	09/17/75-12/16/76	5	8.1	8.08	8.2	7.9	0.017	0.13	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/17/75-12/16/76	5	8.1	8.064	8.2	7.9	0.017	0.132	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/17/75-12/16/76	5	0.008	0.009	0.013	0.006	0.	0.003	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	09/17/75-11/06/75	6	29.75	29.65	30.7	28.	0.931	0.965	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/17/75-07/18/77	8	3.	4.375	14.	1.	16.554	4.069	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/01/75-07/18/77	7	0.05	0.049	0.07	0.023	0.	0.017	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/17/75-07/18/77	8	0.012	0.023	0.059	0.002	0.001	0.023	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/17/75-07/18/77	8	0.02	0.035	0.09	0.009	0.001	0.033	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/01/75-07/18/77	7	0.27	0.401	1.12	0.16	0.114	0.338	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/17/75-07/18/77	8	0.063	0.137	0.288	0.05	0.012	0.11	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/01/75-07/18/77	11	17800.	17172.727	19300.	8000.	9614181.818	3100.674	9820.	17700.	18500.	19180.
01027	CADMIUM, TOTAL (UG/L AS CD)	12/06/76-12/06/76	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	12/06/76-12/06/76	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	12/06/76-12/06/76	1	140.	140.	140.	140.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	12/06/76-12/06/76	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	12/06/76-12/06/76	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	12/06/76-12/06/76	1	19.	19.	19.	19.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/17/75-07/18/77	8	62.5	819.375	4900.	10.	2823160.268	1680.226	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/17/75-07/18/77	8	1.778	2.036	3.69	1.	0.998	0.999	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			108.713								
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	09/17/75-07/18/77	8	5.	5.	5.	5.	0.	0.	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	09/17/75-07/18/77	8	0.699	0.699	0.699	0.699	0.	0.	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			5.								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	09/17/75-07/18/77	8	5.	5.	5.	5.	0.	0.	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	09/17/75-07/18/77	8	0.699	0.699	0.699	0.699	0.	0.	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			5.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/17/75-07/18/77	8	20.	156.25	490.	10.	44341.071	210.573	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/17/75-07/18/77	8	1.301	1.665	2.69	1.	0.589	0.768	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			46.195								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/17/75-07/18/77	8	0.03	0.027	0.039	0.013	0.	0.01	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	12/06/76-12/06/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0109

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	16	0	0.00	4	0	0.00	6	0	0.00	6	0	0.00			
00400	PH	Other-Hi Lim.	9.	5	0	0.00	3	0	0.00	2	0	0.00						
		Other-Lo Lim.	6.5	5	0	0.00	3	0	0.00	2	0	0.00						
01027	CADMIUM, TOTAL	Marine Acute	43.	1	0	0.00				1	0	0.00						
01042	COPPER, TOTAL	Marine Acute	2.9	1	1	1.00				1	1	1.00						
01051	LEAD, TOTAL	Marine Acute	220.	1	0	0.00				1	0	0.00						
01067	NICKEL, TOTAL	Marine Acute	75.	1	0	0.00				1	0	0.00						
01092	ZINC, TOTAL	Marine Acute	95.	1	0	0.00				1	0	0.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	8	1	0.13	3	0	0.00	2	0	0.00	3	1	0.33			
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	8	0	0.00	3	0	0.00	2	0	0.00	3	0	0.00			
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	8	0	0.00	3	0	0.00	2	0	0.00	3	0	0.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	8	3	0.38	3	1	0.33	2	1	0.50	3	1	0.33			
71900	MERCURY, TOTAL	Marine Acute	2.1	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0110

NPS Station ID: GATE0110
Location: Paergedat Basin off Jamaica Ba
Station Type: /TYPA/AMBNT/ESTURY/NET
RMI-Indexes:
RMI-Miles:
HUC: 02030202
Major Basin: NORTHEAST
Minor Basin: L.HUDSON - NYC
RF1 Index: 02030202
RF3 Index: 02030202104200.00
Description:

LAT/LON: 40.623892/ -73.902226

Depth of Water: 0
Elevation: 0

RF1 Mile Point: 0.000
RF3 Mile Point: 0.00

Agency: 21NYDECB
FIPS State/County: 36047 NEW YORK/KINGS
STORET Station ID(s): 17011B60
Within Park Boundary: No

Aquifer:
Water Body Id: NY00000 Paergedat Basin
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 4.93

Date Created: 03/30/96

On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: GATE0110

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GATE0111

NPS Station ID: GATE0111
LAT/LON: 40.592420/ -73.913142
Agency: 11NPSWRD
Date Created: 12/21/96
Location: Marine Park-1A
FIPS State/County: 36047 NEW YORK/KINGS
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): GATE_JB-1A /MP-2
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030202
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METROPOLITAN AREA
ECO Region:
RF1 Index: 02030202
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
Station is located at the intersection of Mill Creek and Gerritsen Creek near the southeast corner of the island separating the two creeks. The station can be found on the USGS 7.5' Coney Island N.Y. quadrangle. To reach the site: Proceed via boat up Gerritsen Inlet (stay to right) to the intersection of Mill Creek and Gerritsen Creek to take samples. For additional information on the water quality data stored at this station; contact the Division of Natural Resources at Gateway National Recreation Area - Building 210; Fort Wadsworth; Staten Island N.Y. 10305 (tel. 718-448-5505; fax. 718-448-4015). The park produces an Annual Report summarizing each year's monitoring activities. Data processed and uploaded to STORET by Dean Tucker; NPS Water Resources Division; 1201 Oak Ridge Drive Ste. 250; Fort Collins CO 80525 (tel. 970-225-3516; fax. 970-225-9965).

Parameter Inventory for Station: GATE0111

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/30/89-08/27/90	48	21.6	20.604	26.	12.4	10.985	3.314	15.78	18.4	22.775	24.81
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-08/27/90	48	40200.	40379.167	43800.	35000.	4451471.631	2109.851	37690.	38825.	41975.	43420.
00300	OXYGEN, DISSOLVED MG/L	05/30/89-08/27/90	39	6.8	7.233	12.2	3.5	5.775	2.403	4.2	5.1	8.7	11.
00406	PH, FIELD, STANDARD UNITS SU	05/30/89-08/27/90	45	8.1	7.98	9.5	6.8	0.228	0.478	7.32	7.75	8.3	8.5
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/30/89-08/27/90	45	8.1	7.712	9.5	6.8	0.302	0.55	7.32	7.75	8.3	8.5
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/89-08/27/90	45	0.008	0.019	0.158	0.	0.001	0.028	0.003	0.005	0.018	0.049
00480	SALINITY - PARTS PER THOUSAND	05/30/89-08/27/90	46	25.9	25.189	27.8	21.4	4.088	2.022	21.94	23.375	27.	27.3
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/02/86-08/27/90	70	131.	350.257	3355.	0.	399233.701	631.849	7.	28.75	300.	995.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/02/86-08/27/90	70	2.117	1.95	3.526	0.	0.721	0.849	0.845	1.459	2.477	2.998
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			89.098								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/86-08/27/90	70	11.5	44.443	612.	0.	10249.555	101.24	0.	0.	33.5	114.9
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/86-08/27/90	70	1.06	0.915	2.787	0.	0.737	0.859	0.	0.	1.525	2.06
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			8.221								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0111

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	39	2	0.05	9	1	0.11				30	1	0.03			
00406	PH, FIELD	Other-Hi Lim.	8.5	45	5	0.11	12	0	0.00				33	5	0.15			
		Other-Lo Lim.	6.5	45	0	0.00	12	0	0.00				33	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	70	6	0.09	21	2	0.10				49	4	0.08			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	70	3	0.04	21	1	0.05				49	2	0.04			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1986 - Station GATE0111

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/02/86-08/27/90	13	9.	29.077	170.	0.	2342.91	48.404	0.	3.5	33.	135.6
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/02/86-08/27/90	13	0.954	1.006	2.23	0.	0.461	0.679	0.	0.5	1.475	2.108
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			10.151								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/86-08/27/90	13	12.	34.154	147.	0.	2325.808	48.227	0.	1.	63.	130.2
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/86-08/27/90	13	1.079	1.026	2.167	0.	0.61	0.781	0.	0.151	1.752	2.109
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			10.607								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GATE0111

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/02/86-08/27/90	14	94.5	169.571	716.	7.	39532.264	198.827	8.5	26.5	308.25	539.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/02/86-08/27/90	14	1.975	1.911	2.855	0.845	0.367	0.606	0.923	1.421	2.488	2.707
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			81.479								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/86-08/27/90	14	14.	22.5	103.	0.	793.808	28.175	0.	6.75	24.	83.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/86-08/27/90	14	1.142	1.036	2.013	0.	0.4	0.632	0.	0.716	1.376	1.906
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			10.874								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GATE0111

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/02/86-08/27/90	14	108.5	216.857	999.	17.	74873.978	273.631	25.5	39.	225.	808.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/02/86-08/27/90	14	2.028	2.076	3.	1.23	0.246	0.496	1.381	1.591	2.345	2.895
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			119.06								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/86-08/27/90	14	6.	20.286	100.	0.	905.604	30.093	0.	0.	26.25	83.5
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/86-08/27/90	14	0.778	0.786	2.	0.	0.603	0.777	0.	0.	1.405	1.913
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			6.106								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0111

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/02/86-08/27/90	14	362.5	726.214	2881.	110.	662674.797	814.048	126.5	171.75	1104.5	2325.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/02/86-08/27/90	14	2.55	2.634	3.46	2.041	0.207	0.455	2.098	2.235	3.033	3.354
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			430.836								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/86-08/27/90	14	0.	45.357	348.	0.	9291.324	96.392	0.	0.	53.75	232.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/86-08/27/90	14	0.	0.681	2.542	0.	0.969	0.985	0.	0.	1.655	2.303
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4.795								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0111

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/02/86-08/27/90	15	145.	570.867	3355.	0.	904348.41	950.972	0.	29.	871.	2368.6
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/02/86-08/27/90	15	2.161	2.047	3.526	0.	1.073	1.036	0.	1.462	2.94	3.35
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			111.527								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0111

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/86-08/27/90	15	29.	95.533	612.	0.	34355.552	185.353	0.	0.	87.	523.2
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/86-08/27/90	15	1.462	1.045	2.787	0.	1.163	1.078	0.	0.	1.94	2.715
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			11.084								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0112

NPS Station ID: GATE0112 | LAT/LON: 40.586753/ -73.913588 | Agency: 11NPSWRD | Date Created: 12/21/96
Location: Marine Park-1 | FIPS State/County: 36047 NEW YORK/KINGS
Station Type: /TYPA/AMBNT/ESTURY | STORET Station ID(s): GATE_JB-1 /MP-1
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 02030202 | Depth of Water: 0 | Aquifer:
Major Basin: NORTHEAST | Elevation: 0 | Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METROPOLITAN AREA | ECO Region:
RF1 Index: 02030202 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 02030202104200.00 | RF3 Mile Point: 0.00 | Distance from RF3: 4.93 | On/Off RF3:
Description:
Station is located just northeast of Plumb Beach Channel by Gerritsen Inlet. The station can be found on the USGS 7.5' Coney Island N.Y.-N.J. quadrangle. To reach the site: Drive boat to Gerritsen Inlet. Go under Belt Parkway overpass. Take samples at mouth of inlet. For additional information on the water quality data stored at this station; contact the Division of Natural Resources at Gateway National Recreation Area - Building 210; Fort Wadsworth; Staten Island N.Y. 10305 (tel. 718-448-5505; fax. 718-448-4015). The park produces an Annual Report summarizing each year's monitoring activities. Data processed and uploaded to STORET by Dean Tucker; NPS Water Resources Division; 1201 Oak Ridge Drive Ste.; Fort Collins CO 80525 (tel. 970-225-3516; fax. 970-225-9965).

Parameter Inventory for Station: GATE0112

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/30/89-08/27/90	48	21.4	20.388	25.2	12.6	11.657	3.414	15.08	17.75	22.7	24.7
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/23/89-08/27/90	49	40300.	40467.347	44200.	34500.	5431411.565	2330.539	37500.	39200.	42050.	43600.
00300	OXYGEN, DISSOLVED MG/L	05/30/89-08/27/90	38	6.5	7.176	12.5	3.9	4.812	2.194	4.64	5.6	8.775	10.52
00406	PH, FIELD, STANDARD UNITS SU	05/30/89-08/27/90	44	8.	7.889	8.6	6.8	0.201	0.448	7.2	7.5	8.2	8.35
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/30/89-08/27/90	44	8.	7.635	8.6	6.8	0.266	0.516	7.2	7.5	8.2	8.35
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/89-08/27/90	44	0.01	0.023	0.158	0.003	0.001	0.031	0.004	0.006	0.032	0.065
00480	SALINITY - PARTS PER THOUSAND	05/23/89-08/27/90	47	26.3	25.543	28.7	19.5	4.267	2.066	21.94	24.4	27.2	27.4
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/26/86-08/27/90	71	174.	420.155	3393.	0.	505316.419	710.856	7.4	35.	400.	1345.6
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/26/86-08/27/90	71	2.241	2.046	3.531	0.	0.77	0.877	0.867	1.544	2.602	3.126
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			111.209								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/26/86-08/27/90	71	17.	58.775	577.	0.	11870.634	108.952	0.	0.	77.	132.2
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/26/86-08/27/90	71	1.23	1.168	2.761	0.	0.696	0.834	0.	0.	1.886	2.121
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			14.709								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0112

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	38	2	0.05	9	2	0.22				29	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: GATE0112

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00406	PH, FIELD	Other-Hi Lim.	8.5	44	2	0.05	12	0	0.00				32	2	0.06			
		Other-Lo Lim.	6.5	44	0	0.00	12	0	0.00				32	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	71	9	0.13	21	2	0.10				50	7	0.14			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	71	3	0.04	21	1	0.05				50	2	0.04			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1986 - Station GATE0112

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/26/86-08/27/90	14	21.	75.357	335.	0.	10255.786	101.271	1.	8.5	133.5	272.5
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/26/86-08/27/90	14	1.297	1.404	2.525	0.	0.577	0.759	0.151	0.927	2.119	2.424
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			25.367								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/26/86-08/27/90	14	11.5	72.143	577.	0.	22779.67	150.929	0.	4.25	90.25	349.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/26/86-08/27/90	14	1.05	1.204	2.761	0.	0.685	0.828	0.	0.599	1.954	2.422
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			16.002								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GATE0112

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/26/86-08/27/90	14	125.	210.571	939.	18.	63200.879	251.398	20.	57.	307.	716.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/26/86-08/27/90	14	2.096	2.074	2.973	1.255	0.246	0.496	1.299	1.747	2.484	2.833
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			118.598								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/26/86-08/27/90	14	19.	32.929	123.	0.	1430.841	37.826	3.	7.	48.25	113.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/26/86-08/27/90	14	1.276	1.243	2.09	0.	0.308	0.555	0.389	0.845	1.679	2.051
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			17.512								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GATE0112

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/26/86-08/27/90	14	204.	219.071	533.	11.	26214.071	161.908	33.5	67.75	329.5	503.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/26/86-08/27/90	14	2.306	2.18	2.727	1.041	0.208	0.456	1.395	1.831	2.515	2.701
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			151.302								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/26/86-08/27/90	14	33.	48.214	145.	0.	2330.181	48.272	0.	8.25	83.75	135.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/26/86-08/27/90	14	1.519	1.284	2.161	0.	0.621	0.788	0.	0.781	1.923	2.129
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			19.22								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0112

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/26/86-08/27/90	14	304.5	893.357	3393.	24.	1151729.478	1073.187	26.5	154.	1613.	2969.5
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/26/86-08/27/90	14	2.471	2.553	3.531	1.38	0.489	0.7	1.421	2.139	3.203	3.468
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			357.212								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/26/86-08/27/90	14	11.	48.929	435.	0.	13020.533	114.108	0.	0.	49.75	256.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/26/86-08/27/90	14	1.041	0.899	2.638	0.	0.819	0.905	0.	0.	1.689	2.262
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			7.919								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0112

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/26/86-08/27/90	15	348.	683.6	3277.	0.	863041.257	929.	0.	0.	1044.	2534.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/26/86-08/27/90	15	2.542	2.021	3.515	0.	1.749	1.323	0.	0.	3.019	3.392
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			105.037								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0112

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/26/86-08/27/90	15	29.	89.467	561.	0.	20553.267	143.364	0.	0.	134.	311.4
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/26/86-08/27/90	15	1.462	1.205	2.749	0.	1.127	1.061	0.	0.	2.127	2.396
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			16.041								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0113

NPS Station ID: GATE0113
LAT/LON: 40.603892/ -73.913892
Agency: 21NYDECB
Date Created: 03/30/96
Location: Mill Basin off Jamaica Bay
FIPS State/County: 36047 NEW YORK/KINGS
Station Type: /TYPA/AMBNT/ESTURY/NET
STORET Station ID(s): 17011B70
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030202
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id: NY00000 Mill Basin off J
Minor Basin: L.HUDSON - NYC
ECO Region:
RF1 Index: 02030202
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0113

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GATE0114

NPS Station ID: GATE0114
LAT/LON: 40.567226/ -73.919170
Agency: 11NYCOR
Date Created: 09/08/79
Location: ROCKAWAY INLET CHNL AT RCKWY PT YACHT CLUB
FIPS State/County: 36081 NEW YORK/QUEENS
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): NYCOR74
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02030202
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METRO AREA
ECO Region:
RF1 Index: 02030202028
RF1 Mile Point: 1.740
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02030202002709.04
RF3 Mile Point: 12.10
Distance from RF3: 0.25
On/Off RF3:
Description:
NEW YORK CORPS OF ENGINEERS DREDGING STUDIES

Parameter Inventory for Station: GATE0114

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	05/15/75-05/15/75	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/15/75-05/15/75	1	1.06	1.06	1.06	1.06	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/15/75-05/15/75	1	3.1	3.1	3.1	3.1	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	05/15/75-05/15/75	1	4.7	4.7	4.7	4.7	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	05/15/75-05/15/75	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/15/75-05/15/75	1	4.2	4.2	4.2	4.2	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	05/15/75-05/15/75	1	21.	21.	21.	21.	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	05/15/75-05/15/75	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GATE0115

NPS Station ID: GATE0115
LAT/LON: 40.558893/ -73.919448
Agency: 1111H030
Date Created: 11/02/78
Location: ATLANTIC OCEAN-EAST OF BAYHEAD
FIPS State/County: 34029 NEW JERSEY/OCEAN
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): JC41R
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02030202
Depth of Water: 0
Aquifer:
Major Basin: 5 MI. SEAWARD OF JETTY
Elevation: 0
Water Body Id:
Minor Basin: JUST SOUTH OF WHITE WATER TOWER
ECO Region:
RF1 Index: 02030202028
RF1 Mile Point: 1.580
Distance from RF1: 9.00
On/Off RF1: ON
RF3 Index: 02030202002909.75
RF3 Mile Point: 14.62
Distance from RF3: 1.13
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0115

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/78-09/18/78	5	15.5	15.36	15.5	15.1	0.038	0.195	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/78-09/18/78	5	47700.	47740.	47900.	47600.	13000.	114.018	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/02/78-09/18/78	5	2.3	2.24	2.6	1.9	0.068	0.261	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0115

			Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	5	5	1.00	5	5	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0116

NPS Station ID: GATE0116 | LAT/LON: 40.582616/ -73.921420 | Agency: 11NPSWRD | Date Created: 01/07/97
Location: Plumb Beach | FIPS State/County: 36047 NEW YORK/KINGS
Station Type: /TYPA/AMBNT/ESTURY | STORET Station ID(s): GATE_JB-18
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 02030202 | Depth of Water: 0 | Aquifer:
Major Basin: NORTHEAST | Elevation: 0 | Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METROPOLITAN AREA | ECO Region:
RF1 Index: 02030202 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 02030202104200.00 | RF3 Mile Point: 0.00 | Distance from RF3: 4.93 | On/Off RF3:
Description:
Station is located at Plumb Beach adjacent to the Park Ranger station just south of the Belt Parkway in the Jamaica Bay Unit of Gateway National Recreation Area. The station can be found on the USGS 7.5 minute Coney Island N.Y.-N.J. quadrangle. Samples were collected at this site in only 1978 and 1979. For additional information about the water quality data stored at this station; contact the Division of Natural Resources at Gateway National Recreation Area - Building 210; Fort Wadsworth; Staten Island N.Y. 10305 (tel. 718-448-5505; fax. 718-448-4015). The park produces an Annual Report summarizing each year's monitoring activities. Data processed and uploaded to STORET by Dean Tucker; NPS Water Resources Division; 1201 Oak Ridge Drive Ste. 250; Fort Collins CO 80525 (tel. 970-225-3516; fax. 970-225-9965).

Parameter Inventory for Station: GATE0116

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/19/78-08/28/79	21	560.	902.381	2860.	70.	779369.048	882.819	72.	150.	1600.	2312.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/19/78-08/28/79	21	2.748	2.683	3.456	1.845	0.303	0.551	1.857	2.175	3.204	3.364
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			481.777								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/22/78-08/29/79	19	250.	844.684	5030.	0.	2239746.117	1496.578	0.	40.	870.	4900.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/22/78-08/29/79	19	2.398	2.225	3.702	0.	1.091	1.045	0.	1.602	2.94	3.69
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			167.808								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0116

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	21	7	0.33	9	6	0.67				12	1	0.08			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	19	10	0.53	7	3	0.43				12	7	0.58			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0117

NPS Station ID: GATE0117 LAT/LON: 40.537227/ -73.923338 Agency: 21NYDEC2 Date Created: 03/03/79
Location: ROCKAWAYS FIPS State/County: 36991 NEW YORK/
Station Type: /TYPA/AMBNT/OCEAN STORET Station ID(s): 17F01022
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02030202 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METROPOLITAN AREA ECO Region:
RF1 Index: 02030202027 RF1 Mile Point: 28.490 Distance from RF1: 20.20 On/Off RF1: ON
RF3 Index: 02030202144700.00 RF3 Mile Point: 0.00 Distance from RF3: 0.78 On/Off RF3:
Description:
DATA FROM NEW YORK DEPARTMENT OF ENVIRONMENTAL CONSERVATION FISH TISSUE SAMPLES ANALYZED FOR TOXICS SAMPLE TAKEN FROM ROCKAWAYS

Parameter Inventory for Station: GATE0117

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00023	SAMPLE WEIGHT IN POUNDS	07/03/76-07/05/76	2	41.03	41.03	46.86	35.2	67.978	8.245	**	**	**	**
34690	PCB - 1254 WET WGTTISMG/KG	07/03/76-07/05/76	2	4.47	4.47	6.71	2.23	10.035	3.168	**	**	**	**
39105	PERCENT FAT HEXANE EXTRACTION	07/03/76-07/05/76	2	4.05	4.05	5.8	2.3	6.125	2.475	**	**	**	**
39515	PCBS (MG/KG) FISH TISSUE MG/KG	07/03/76-07/05/76	2	4.47	4.47	6.71	2.23	10.035	3.168	**	**	**	**
81371	PCBS AROCLOR 1016&1242 IN FISH TISSUE WET WGT UG/G	07/03/76-07/05/76	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	07/03/76-07/05/76	2	1.	1.	1.	1.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GATE0118

NPS Station ID: GATE0118
LAT/LON: 40.567782/ -73.928892
Agency: 21350000
Date Created: / /
Location: CONEY ISLAND EFF
FIPS State/County: 36000 NEW YORK/
Station Type: /TYPA/MUN/TREATD/OUTFL/LAKE
STORET Station ID(s): 403404007355440/807E
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030202
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-N.Y. METROPOLITAN AREA
ECO Region:
RF1 Index: 02030202027
RF1 Mile Point: 27.810
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02030201000101.63
RF3 Mile Point: 7.70
Distance from RF3: 0.04
On/Off RF3:
Description:
PLANT WAS OPENED IN 1935 AND HAS A PRESENT FLOW OF 76 MGD. IT SERVES SOUTH AND CENTRAL BROOKLYN (15,087 ACRES) WITH A CONNECTING POPULATION OF 600,000. PRESENT FACILITIES ARE MODIFIED AERATION, SLUDGE DIGESTION, POWER GENERATION AND CHLORINATION.
MONTHLY SUMMARIES OF DATA COLLECTED BY N.Y.C. DEPT. OF PUBLIC WORKS.

Parameter Inventory for Station: GATE0118

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GATE0119

NPS Station ID: GATE0119 LAT/LON: 40.548226/ -73.930254 Agency: 11NPSWRD Date Created: 12/21/96
Location: Breezy Point FIPS State/County: 36081 NEW YORK/QUEENS
Station Type: /TYPA/AMBNT/OCEAN STORET Station ID(s): GATE_ATL-2
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 02030202 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METROPOLITAN AREA ECO Region:
RF1 Index: 02030202 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:
Station is a beach sampling site located at Breezy Point. The station can be found on the USGS 7.5' Coney Island N.Y.-N.J. quadrangle. To reach the site: Leave Riis Park. Take Beach Channel Drive west to Rockaway Beach Blvd. into Breezy Point. Follow road to end and enter Surf Club. Pass Guard booth and follow road to end (by tennis courts). Walk past pools down to the surf to take the sample.
For additional information on the water quality data stored at this station; contact the Division of Natural Resources at Gateway National Recreation Area - Building 210; Fort Wadsworth; Staten Island N.Y. 10305 (tel. 718-448-5505; fax. 718-448-4015). The park produces an Annual Report summarizing each year's monitoring activities. Data processed and uploaded to STORET by Dean Tucker; NPS Water Resources Division; 1201 Oak Ridge Drive Ste. 250; Fort Collins CO 80525 (tel. 970-225-3516; fax. 970-225-9965).

Parameter Inventory for Station: GATE0119

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/31/83	7	21.	21.	23.	19.	3.	1.732	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	06/07/83-08/31/83	12	15.	15.417	25.	10.	29.356	5.418	10.	10.	20.	23.5
00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/31/83	5	7.	7.24	8.8	5.8	1.223	1.106	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/07/83-08/11/83	3	95.	94.	106.	81.	157.	12.53	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/01/83-08/31/83	14	8.	8.057	8.3	7.9	0.01	0.102	7.95	8.	8.1	8.25
00403	CONVERTED PH, LAB, STANDARD UNITS	06/01/83-08/31/83	14	8.	8.047	8.3	7.9	0.01	0.102	7.95	8.	8.1	8.25
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/01/83-08/31/83	14	0.01	0.009	0.013	0.005	0.	0.002	0.006	0.008	0.01	0.011
00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/25/83	10	30.3	30.41	33.9	27.4	3.25	1.803	27.55	29.2	31.4	33.74
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/04/83-08/31/83	4	0.	0.003	0.012	0.	0.	0.006	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/20/83-08/25/83	3	0.	0.013	0.039	0.	0.001	0.023	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/01/83-08/25/83	10	16765.5	16829.1	18751.	15178.	999397.433	999.699	15257.7	16145.25	17391.75	18666.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	263	10.	80.867	3216.	0.	77333.719	278.089	0.	0.	50.	150.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	263	1.	0.975	3.507	0.	0.872	0.934	0.	0.	1.699	2.177
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			9.45								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/01/83-09/10/83	15	17.	65.2	350.	2.	13026.314	114.133	2.	2.	70.	338.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/01/83-09/10/83	15	1.23	1.245	2.544	0.301	0.581	0.762	0.301	0.301	1.845	2.529
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			17.593								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/01/83-09/10/83	15	13.	38.4	270.	2.	5164.114	71.862	2.	2.	27.	186.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/01/83-09/10/83	15	1.114	1.085	2.431	0.301	0.446	0.668	0.301	0.301	1.431	2.241
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.167								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	266	0.	16.583	670.	0.	2693.421	51.898	0.	0.	16.25	45.9
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	266	0.	0.539	2.826	0.	0.515	0.717	0.	0.	1.211	1.662

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GATE0119

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.462								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/11/83-09/10/83	4	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0119

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	5	0	0.00	3	0	0.00				2	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	14	0	0.00	5	0	0.00				9	0	0.00			
		Other-Lo Lim.	6.5	14	0	0.00	5	0	0.00				9	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	263	3	0.01	103	2	0.02				160	1	0.01			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	15	0	0.00	6	0	0.00				9	0	0.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	15	1	0.07	6	0	0.00				9	1	0.11			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	266	4	0.02	105	1	0.01				161	3	0.02			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1980 - Station GATE0119

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	9	0.	9.222	50.	0.	352.944	18.787	0.	0.	16.5	50.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	9	0.	0.357	1.699	0.	0.505	0.711	0.	0.	0.759	1.699
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.278								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	9	0.	10.556	45.	0.	283.528	16.838	0.	0.	22.	45.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	9	0.	0.555	1.653	0.	0.495	0.704	0.	0.	1.28	1.653
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.586								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station GATE0119

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	10	0.	29.	130.	0.	2372.	48.703	0.	0.	64.75	127.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	10	0.	0.668	2.114	0.	0.854	0.924	0.	0.	1.793	2.103
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.659								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	11	0.	8.455	72.	0.	459.473	21.435	0.	0.	7.	60.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	11	0.	0.371	1.857	0.	0.39	0.625	0.	0.	0.845	1.702
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.35								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station GATE0119

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	15	1.	15.267	143.	0.	1352.067	36.77	0.	0.	13.	80.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	15	0.	0.55	2.155	0.	0.497	0.705	0.	0.	1.114	1.81
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.552								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	15	0.	3.	21.	0.	40.857	6.392	0.	0.	1.	15.6
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	15	0.	0.23	1.322	0.	0.229	0.479	0.	0.	0.	1.176
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.696								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station GATE0119

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	15	10.	26.467	68.	0.	699.838	26.454	0.	5.	55.	68.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	15	1.	1.107	1.833	0.	0.398	0.631	0.	0.699	1.74	1.833
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			12.796								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	15	7.	18.	56.	0.	453.286	21.291	0.	1.	44.	54.2
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	15	0.845	0.85	1.748	0.	0.476	0.69	0.	0.	1.643	1.734
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			7.085								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GATE0119

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	14	105.5	291.	2000.	0.	274197.231	523.638	2.5	25.	292.75	1333.5
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	14	2.022	1.905	3.301	0.	0.757	0.87	0.349	1.358	2.463	3.063
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			80.298								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GATE0119

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	14	6.	8.143	31.	0.	87.055	9.33	0.	0.	15.5	25.5
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	14	0.772	0.658	1.491	0.	0.285	0.534	0.	0.	1.19	1.396
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4.549								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GATE0119

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	14	39.	146.214	518.	6.	33739.412	183.683	6.	8.5	342.5	469.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	14	1.582	1.69	2.714	0.778	0.536	0.732	0.778	0.927	2.535	2.669
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			48.978								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	14	2.	3.429	10.	0.	13.956	3.736	0.	0.	8.	9.5
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	14	0.239	0.38	1.	0.	0.18	0.424	0.	0.	0.903	0.977
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.398								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GATE0119

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	14	2.	16.786	100.	0.	912.335	30.205	0.	0.	26.5	79.5
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	14	0.301	0.601	2.	0.	0.56	0.748	0.	0.	1.4	1.885
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.986								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	14	0.	2.	16.	0.	20.	4.472	0.	0.	1.5	11.5
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	14	0.	0.18	1.204	0.	0.149	0.386	0.	0.	0.119	1.025
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.515								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GATE0119

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	14	11.5	20.714	91.	0.	688.835	26.246	0.	2.	30.	73.5
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	14	1.05	0.969	1.959	0.	0.399	0.631	0.	0.301	1.462	1.854
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			9.301								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	14	2.	7.786	61.	0.	252.643	15.895	0.	0.	7.5	37.5
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	14	0.301	0.513	1.785	0.	0.302	0.549	0.	0.	0.872	1.466
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.256								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GATE0119

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	49	33.	81.98	750.	0.	25438.604	159.495	0.	3.	63.5	216.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	49	1.519	1.285	2.875	0.	0.738	0.859	0.	0.389	1.802	2.334
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			19.284								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	51	6.	20.196	222.	0.	1326.881	36.426	0.	0.	25.	62.8
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	51	0.778	0.753	2.346	0.	0.582	0.763	0.	0.	1.398	1.795
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			5.657								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0119

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	19	99.	396.368	3216.	0.	637805.246	798.627	0.	0.	535.	1769.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	19	1.996	1.695	3.507	0.	1.368	1.169	0.	0.	2.728	3.248
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			49.56								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	19	0.	69.263	670.	0.	26610.982	163.129	0.	0.	44.	308.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	19	0.	0.856	2.826	0.	1.006	1.003	0.	0.	1.643	2.489
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			7.183								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0119

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	16	0.	12.688	58.	0.	445.029	21.096	0.	0.	29.	58.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	16	0.	0.495	1.763	0.	0.581	0.762	0.	0.	1.462	1.763
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.123								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	16	0.	10.875	58.	0.	434.517	20.845	0.	0.	21.75	58.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	16	0.	0.403	1.763	0.	0.526	0.725	0.	0.	1.097	1.763
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.531								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0119

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	15	0.	5.8	29.	0.	144.171	12.007	0.	0.	0.	29.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	15	0.	0.292	1.462	0.	0.367	0.605	0.	0.	0.	1.462
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.961								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	15	0.	1.933	29.	0.	56.067	7.488	0.	0.	0.	11.6
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	15	0.	0.097	1.462	0.	0.143	0.378	0.	0.	0.	0.585
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.252								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station GATE0119

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	21	0.	44.143	464.	0.	10305.129	101.514	0.	0.	43.5	109.4
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	21	0.	0.834	2.667	0.	0.872	0.934	0.	0.	1.613	2.036
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			6.817								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	21	0.	22.095	87.	0.	1001.19	31.642	0.	0.	58.	81.2
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	21	0.	0.66	1.94	0.	0.755	0.869	0.	0.	1.763	1.904
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4.57								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station GATE0119

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	11	0.	46.364	290.	0.	7464.855	86.399	0.	0.	66.	249.4
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	11	0.	0.842	2.462	0.	0.997	0.999	0.	0.	1.82	2.358
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			6.957								

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Annual Analysis for 1994 - Station GATE0119

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	11	0.	27.818	203.	0.	3564.764	59.706	0.	0.	30.	169.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	11	0.	0.71	2.307	0.	0.749	0.866	0.	0.	1.477	2.15
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			5.125								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station GATE0119

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	14	0.	12.429	58.	0.	351.187	18.74	0.	0.	29.	43.5
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	14	0.	0.544	1.763	0.	0.579	0.761	0.	0.	1.462	1.613
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.498								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	14	0.	12.429	87.	0.	609.956	24.697	0.	0.	29.	58.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	14	0.	0.452	1.94	0.	0.563	0.75	0.	0.	1.462	1.701
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.831								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

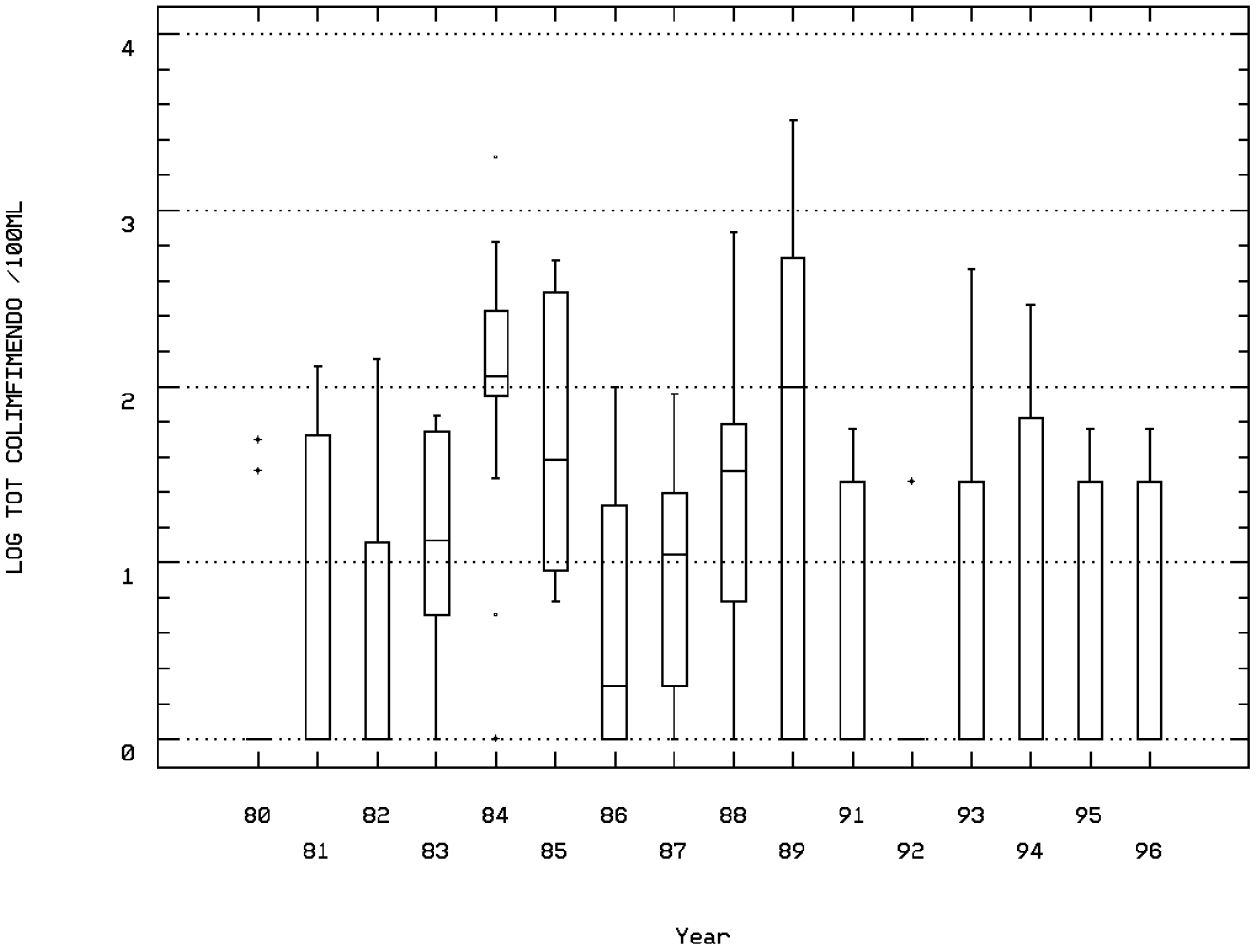
Annual Analysis for 1996 - Station GATE0119

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	13	0.	13.385	58.	0.	366.59	19.147	0.	0.	29.	46.4
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	13	0.	0.586	1.763	0.	0.6	0.775	0.	0.	1.462	1.643
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.851								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	13	0.	8.923	87.	0.	614.577	24.791	0.	0.	0.	63.8
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	13	0.	0.262	1.94	0.	0.418	0.646	0.	0.	0.	1.749
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.827								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: GATE0119 Parameter Code: 31501

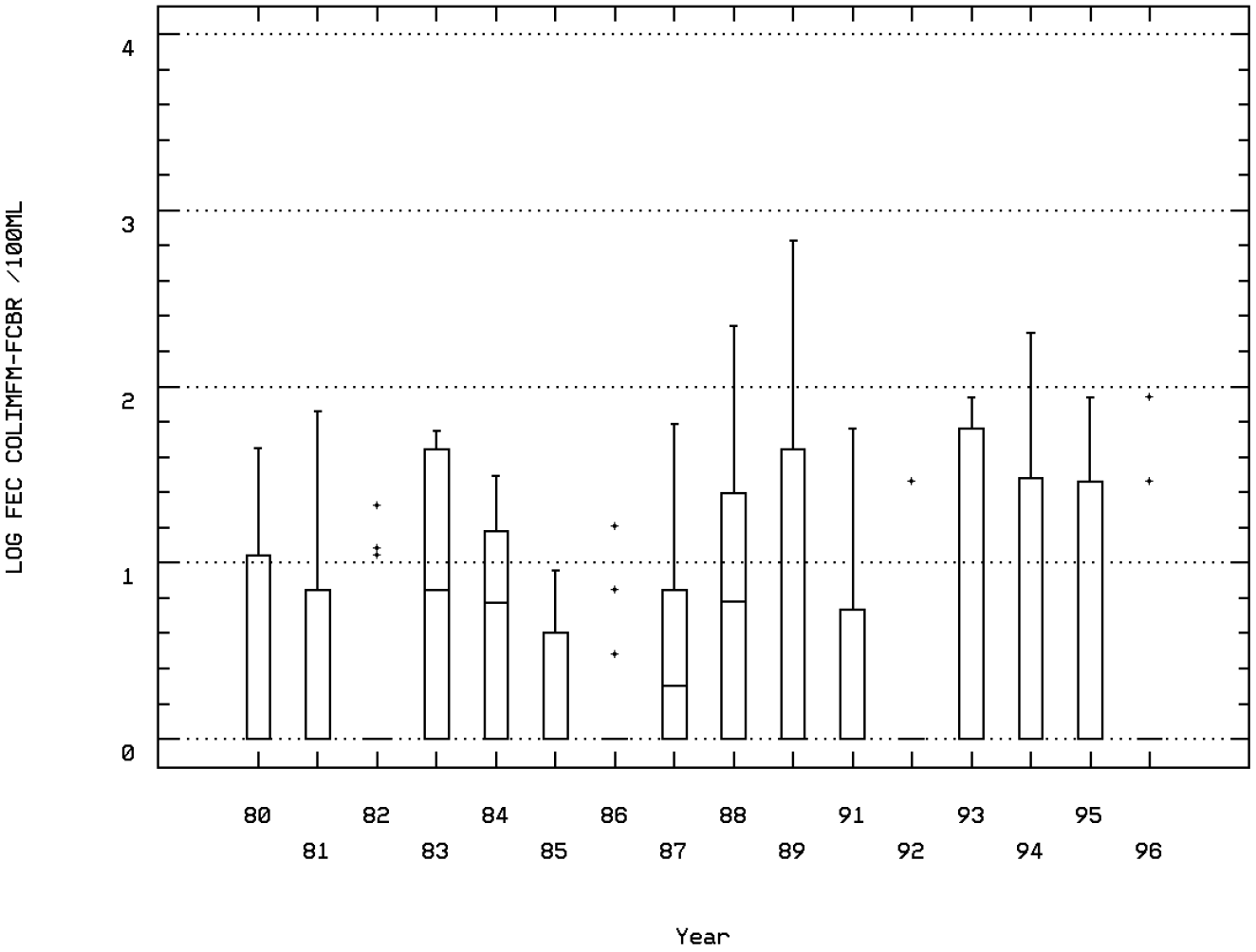
LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.



Breezy Point

Station: GATE0119 Parameter Code: 31616

LOG FECAL COLIFORM,MEMBR FILTER,M-FC BR



Breezy Point

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0119

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	103	22.	124.621	3216.	0.	155756.689	394.66	0.	0.	55.	392.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	103	1.342	1.1	3.507	0.	0.966	0.983	0.	0.	1.74	2.592
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			12.598								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	105	0.	20.41	670.	0.	4651.417	68.201	0.	0.	22.	59.2
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	105	0.	0.596	2.826	0.	0.573	0.757	0.	0.	1.342	1.772
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.943								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0119

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	160	7.	52.7	1769.	0.	25472.475	159.601	0.	0.	49.5	124.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	160	0.845	0.895	3.248	0.	0.801	0.895	0.	0.	1.695	2.093
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			7.853								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	161	0.	14.087	308.	0.	1421.68	37.705	0.	0.	11.	33.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	161	0.	0.503	2.489	0.	0.476	0.69	0.	0.	1.041	1.519
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.181								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0120

NPS Station ID: GATE0120 | LAT/LON: 40.603254/ -73.930838 | Agency: 11NPSWRD | Date Created: 12/21/96
Location: Marine Park-2 | FIPS State/County: 36047 NEW YORK/KINGS
Station Type: /TYPA/AMBNT/ESTURY | STORET Station ID(s): GATE_JB-2 /MP-3
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 02030202 | Depth of Water: 0 | Aquifer:
Major Basin: NORTHEAST | Elevation: 0 | Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METROPOLITAN AREA | ECO Region:
RF1 Index: 02030202 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 02030202104200.00 | RF3 Mile Point: 0.00 | Distance from RF3: 4.93 | On/Off RF3:
Description:
Station is located at the end of Gerritsen Creek. The station can be found on the USGS 7.5' Coney Island N.Y. quadrangle and is accessible by car. To reach the site: Park in Marine Park on Avenue U. Directly across the street through the brush midway between the east and west shores of the basin is an outflow pipe where samples are taken. For additional information on the water quality data stored at this station; contact the Division of Natural Resources at Gateway National Recreation Area - Building 210; Fort Wadsworth; Staten Island N.Y. 10305 (tel. 718-448-5505; fax. 718-448-4015). The park produces an Annual Report summarizing each year's monitoring activities. Data processed and uploaded to STORET by Dean Tucker; NPS Water Resources Division; 1201 Oak Ridge Drive Ste. 250; Fort Collins CO 80525 (tel. 970-225-3516; fax. 970-225-9965).

Parameter Inventory for Station: GATE0120

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/30/89-08/27/90	26	23.3	23.412	29.6	14.7	10.121	3.181	19.49	22.	25.4	27.69
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-08/27/90	25	38600.	37032.	42600.	16500.	45736433.333	6762.872	26460.	35850.	41300.	42440.
00300	OXYGEN, DISSOLVED MG/L	05/30/89-08/27/90	20	7.05	8.345	16.6	2.1	16.302	4.038	3.45	5.45	11.925	15.25
00406	PH, FIELD, STANDARD UNITS SU	05/30/89-08/27/90	23	8.	7.913	9.4	6.6	0.685	0.828	6.72	7.2	8.5	9.22
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/30/89-08/27/90	23	8.	7.321	9.4	6.6	1.052	1.025	6.72	7.2	8.5	9.22
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/89-08/27/90	23	0.01	0.048	0.251	0.	0.005	0.074	0.001	0.003	0.063	0.201
00480	SALINITY - PARTS PER THOUSAND	05/30/89-08/27/90	25	23.9	22.232	26.5	10.7	20.976	4.58	13.22	20.7	25.45	26.32
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/26/86-08/27/90	69	33.	421.522	11049.	0.	2406897.959	1551.418	0.	1.	174.	495.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/26/86-08/27/90	69	1.519	1.477	4.043	0.	1.225	1.107	0.	0.151	2.241	2.695
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			30.011								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/26/86-08/27/90	70	15.5	154.9	5445.	0.	473704.294	688.262	0.	0.	58.75	194.7
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/26/86-08/27/90	70	1.188	1.019	3.736	0.	1.021	1.011	0.	0.	1.769	2.289
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			10.442								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0120

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	20	3	0.15	5	1	0.20				15	2	0.13			
00406	PH, FIELD	Other-Hi Lim.	8.5	23	6	0.26	7	0	0.00				16	6	0.38			
		Other-Lo Lim.	6.5	23	0	0.00	7	0	0.00				16	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	69	3	0.04	20	2	0.10				49	1	0.02			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	70	6	0.09	21	0	0.00				49	6	0.12			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1986 - Station GATE0120

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/26/86-08/27/90	14	0.	4.214	26.	0.	65.104	8.069	0.	0.	5.	22.5
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/26/86-08/27/90	14	0.	0.335	1.415	0.	0.248	0.498	0.	0.	0.699	1.347
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.164								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/26/86-08/27/90	14	1.	6.143	51.	0.	182.747	13.518	0.	0.	5.5	32.5
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/26/86-08/27/90	14	0.151	0.407	1.708	0.	0.291	0.539	0.	0.	0.736	1.427
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.553								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GATE0120

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/26/86-08/27/90	14	63.	121.214	647.	0.	29369.412	171.375	1.	25.25	141.	472.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/26/86-08/27/90	14	1.797	1.663	2.811	0.	0.593	0.77	0.151	1.393	2.147	2.642
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			46.001								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/26/86-08/27/90	14	35.	90.5	515.	0.	19334.269	139.048	0.	12.75	162.	356.5
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/26/86-08/27/90	14	1.543	1.415	2.712	0.	0.766	0.875	0.	0.923	2.209	2.504
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			25.977								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GATE0120

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/26/86-08/27/90	13	139.	185.231	429.	11.	28399.692	168.522	11.	16.5	376.5	424.2
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/26/86-08/27/90	13	2.143	1.962	2.632	1.041	0.409	0.639	1.041	1.192	2.576	2.628
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			91.72								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/26/86-08/27/90	14	28.5	65.786	261.	0.	8101.258	90.007	0.	0.	83.25	257.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/26/86-08/27/90	14	1.443	1.259	2.417	0.	0.815	0.903	0.	0.	1.883	2.41
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			18.174								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0120

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/26/86-08/27/90	14	319.	1672.357	11049.	0.	10375671.016	3221.129	0.	24.75	1507.5	8685.5
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/26/86-08/27/90	14	2.454	2.151	4.043	0.	1.857	1.363	0.	1.139	3.106	3.922
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			141.664								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/26/86-08/27/90	14	58.	587.929	5445.	0.	2227508.995	1492.484	0.	0.	180.25	3723.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/26/86-08/27/90	14	1.763	1.471	3.736	0.	1.651	1.285	0.	0.	2.221	3.519
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			29.597								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0120

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/26/86-08/27/90	14	48.	107.714	609.	0.	27118.22	164.676	0.	0.	145.5	435.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/26/86-08/27/90	14	1.644	1.309	2.785	0.	1.139	1.067	0.	0.	2.16	2.601
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			20.384								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0120

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/26/86-08/27/90	14	0.	24.143	145.	0.	1949.363	44.152	0.	0.	60.25	106.5
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/26/86-08/27/90	14	0.	0.542	2.161	0.	0.797	0.893	0.	0.	1.779	1.997
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.481								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0121

NPS Station ID: GATE0121
LAT/LON: 40.566670/ -73.930838
Agency: 31ISC2RS
Date Created: 11/07/81
Location: ROCKAWAY INLET
FIPS State/County: 36047 NEW YORK/KINGS
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): RI-01 /RI01 /4301
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030202
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METROPOLITAN AREA
ECO Region:
RF1 Index: 02030202029
RF1 Mile Point: 7.090
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02030202002909.75
RF3 Mile Point: 14.76
Distance from RF3: 0.27
On/Off RF3:
Description:
KAWAY INLET AS NEAR THE OUTFALL STRUCTURE OF CONEY ISLAND STP AS SAFETY MITS

Parameter Inventory for Station: GATE0121

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-05/26/82	87	17.4	15.046	26.2	0.5	52.346	7.235	4.16	8.5	21.	22.78
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-05/26/82	78	2.	2.397	5.	0.	1.385	1.177	1.	2.	3.	4.1
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-05/26/82	80	44000.	43037.5	50000.	30000.	21276044.304	4612.596	36000.	40000.	46000.	48950.
00300	OXYGEN, DISSOLVED MG/L	07/30/74-05/26/82	88	7.6	8.015	14.2	4.	4.966	2.229	5.38	6.65	9.275	11.1
00310	BOD, 5 DAY, 20 DEG C MG/L	07/30/74-02/22/82	54	3.	3.12	8.6	0.8	2.318	1.522	1.5	1.875	4.	5.4
00400	PH (STANDARD UNITS)	02/19/75-05/26/82	68	7.7	7.729	8.4	7.1	0.085	0.291	7.39	7.5	7.9	8.2
00400	CONVERTED PH (STANDARD UNITS)	02/19/75-05/26/82	68	7.7	7.642	8.4	7.1	0.093	0.304	7.39	7.5	7.9	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/19/75-05/26/82	68	0.02	0.023	0.079	0.004	0.	0.014	0.006	0.013	0.032	0.041
00560	OIL & GREASE (FREON EXTR.-IR METHOD) TOT,REC,MG/L	08/13/75-05/26/82	14	0.3	0.429	1.4	0.	0.188	0.434	0.	0.1	0.625	1.25
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/13/74-05/26/82	34	0.35	0.414	1.15	0.09	0.054	0.233	0.1	0.258	0.605	0.695
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/13/74-12/10/75	12	0.065	0.069	0.11	0.04	0.001	0.023	0.043	0.05	0.09	0.107
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/13/74-12/10/75	12	0.44	0.488	0.84	0.38	0.016	0.125	0.386	0.423	0.52	0.765
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/22/76-08/11/81	7	0.67	0.797	1.83	0.23	0.383	0.619	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/14/76-05/26/82	23	0.14	0.186	0.53	0.01	0.021	0.145	0.04	0.11	0.26	0.466
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/22/76-05/26/82	19	0.09	0.112	0.3	0.04	0.004	0.064	0.05	0.07	0.15	0.19
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/13/74-05/26/82	33	0.06	0.093	0.81	0.005	0.02	0.142	0.01	0.04	0.105	0.166
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-05/26/82	76	8.	9.579	27.	2.	25.02	5.002	4.	6.	12.	17.
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-05/26/82	81	32.	32.185	45.	26.	10.678	3.268	29.	30.	34.	37.
00940	CHLORIDE,TOTAL IN WATER MG/L	07/30/74-04/09/75	13	15800.	15761.538	17100.	13700.	1184230.769	1088.224	14020.	14950.	16750.	17060.
01000	ARSENIC, DISSOLVED (UG/L AS AS)	04/23/79-04/23/79	1	##	5.	5.	5.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	12/10/75-07/08/81	6	##	2.5	3.	5.	1.	2.8	1.673	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	04/14/76-02/22/82	17	##	0.25	0.382	2.	0.25	0.181	0.425	0.25	0.25	0.25	0.8
01027	CADMIUM, TOTAL (UG/L AS CD)	08/13/74-02/22/82	27		0.6	1.939	10.	0.25	6.233	2.497	0.25	0.25	3.	5.6
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	04/14/76-02/22/82	17	##	2.5	2.035	4.	0.1	1.052	1.026	0.42	1.	2.5	2.8
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/13/74-02/22/82	27	##	2.5	3.189	10.	0.1	4.363	2.089	0.5	2.5	5.	6.
01035	COBALT, DISSOLVED (UG/L AS CO)	07/22/76-02/22/82	11	##	0.5	0.864	3.	0.5	0.705	0.839	0.5	0.5	0.5	2.8
01037	COBALT, TOTAL (UG/L AS CO)	12/05/74-02/22/82	15	##	0.5	2.433	7.	0.5	6.817	2.611	0.5	0.5	5.	7.
01040	COPPER, DISSOLVED (UG/L AS CU)	04/14/76-02/22/82	16		16.	24.594	144.	0.5	1183.441	34.401	2.95	10.25	20.	84.5
01042	COPPER, TOTAL (UG/L AS CU)	08/13/74-02/22/82	28		31.5	42.929	290.	1.	2834.143	53.237	7.7	15.5	55.75	69.3
01045	IRON, TOTAL (UG/L AS FE)	12/05/74-02/22/82	15		145.	143.4	320.	8.	8099.114	89.995	16.4	64.	194.	294.2
01046	IRON, DISSOLVED (UG/L AS FE)	07/22/76-02/22/82	11		20.	27.	65.	6.	516.6	22.729	6.	9.	54.	64.4
01049	LEAD, DISSOLVED (UG/L AS PB)	04/14/76-02/22/82	17		5.	5.882	15.	2.5	14.017	3.744	2.5	2.5	10.	11.
01051	LEAD, TOTAL (UG/L AS PB)	08/13/74-02/22/82	27		10.	17.	115.	2.5	450.577	21.227	2.5	5.	21.	26.
01065	NICKEL, DISSOLVED (UG/L AS NI)	04/14/76-02/22/82	17		5.	5.294	15.	2.5	10.752	3.279	2.5	2.5	6.	11.
01067	NICKEL, TOTAL (UG/L AS NI)	08/13/74-02/22/82	27		10.	18.185	150.	2.5	843.657	29.046	2.5	5.	18.	45.
01075	SILVER, DISSOLVED (UG/L AS AG)	07/22/76-02/22/82	11		1.	0.864	2.	0.5	0.205	0.452	0.5	0.5	1.	1.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GATE0121

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01077	SILVER, TOTAL (UG/L AS AG)	12/05/74-02/22/82	15	1.	1.933	8.	0.5	3.46	1.86	0.5	1.	2.	5.
01090	ZINC, DISSOLVED (UG/L AS ZN)	04/14/76-02/22/82	12	35.	37.917	103.	7.	740.265	27.208	8.5	16.75	47.25	94.
01092	ZINC, TOTAL (UG/L AS ZN)	08/13/74-02/22/82	27	43.	77.481	350.	13.	6955.028	83.397	20.	30.	96.	183.8
01100	TIN, DISSOLVED (UG/L AS SN)	03/09/77-07/08/81	9 ##	25.	25.	25.	25.	0.	0.	25.	25.	25.	25.
01102	TIN, TOTAL (UG/L AS SN)	12/05/74-07/08/81	11 ##	25.	25.	25.	25.	0.	0.	25.	25.	25.	25.
01105	ALUMINUM, TOTAL (UG/L AS AL)	12/05/74-02/22/82	13	40.	61.154	227.	5.	3715.974	60.959	5.	18.5	95.	176.2
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/22/76-02/22/82	11	24.	25.182	40.	5.	157.964	12.568	5.	20.	40.	40.
31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	06/08/77-05/26/82	18	3600.	24393.944	100000.	5.	1648750868.291	40604.813	32.9	100.	32500.	100000.
31504	LOG COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,	06/08/77-05/26/82	18	3.55	3.238	5.	0.699	1.864	1.365	1.471	2.	4.325	5.
31504	GM COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,3	GEOMETRIC MEAN =			1730.68								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	08/13/74-05/26/82	46	81.	8748.957	100000.	5.	525261443.243	22918.583	5.	34.5	2500.	36900.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	08/13/74-05/26/82	46	1.908	2.392	5.	0.699	1.656	1.287	0.699	1.537	3.394	4.567
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			246.445								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/13/75-08/11/81	28	9.	17.571	111.	0.	585.217	24.191	0.	4.25	17.	50.5
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	08/13/75-08/11/81	29	3.	3.828	16.	0.	19.791	4.449	0.	0.	6.5	11.
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	08/13/75-08/11/81	29	15.	14.828	62.	0.	247.719	15.739	0.	1.	22.	38.
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	08/27/75-09/17/81	7	2.	3.071	10.	0.5	11.536	3.396	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	08/13/74-02/22/82	25 ##	0.05	0.14	0.4	0.05	0.015	0.123	0.05	0.05	0.2	0.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0121

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	78	0	0.00	22	0	0.00	23	0	0.00	33	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	88	1	0.01	29	1	0.03	25	0	0.00	34	0	0.00			
00400	PH	Other-Hi Lim.	9.	68	0	0.00	19	0	0.00	20	0	0.00	29	0	0.00			
		Other-Lo Lim.	6.5	68	0	0.00	19	0	0.00	20	0	0.00	29	0	0.00			
01000	ARSENIC, DISSOLVED	Marine Acute	69.	1	0	0.00							1	0	0.00			
01002	ARSENIC, TOTAL	Marine Acute	69.	6	0	0.00	1	0	0.00	3	0	0.00	2	0	0.00			
01025	CADMIUM, DISSOLVED	Marine Acute	43.	17	0	0.00	5	0	0.00	7	0	0.00	5	0	0.00			
01027	CADMIUM, TOTAL	Marine Acute	43.	27	0	0.00	9	0	0.00	10	0	0.00	8	0	0.00			
01040	COPPER, DISSOLVED	Marine Acute	2.9	16	15	0.94	4	3	0.75	7	7	1.00	5	5	1.00			
01042	COPPER, TOTAL	Marine Acute	2.9	28	27	0.96	10	9	0.90	10	10	1.00	8	8	1.00			
01049	LEAD, DISSOLVED	Marine Acute	220.	17	0	0.00	5	0	0.00	7	0	0.00	5	0	0.00			
01051	LEAD, TOTAL	Marine Acute	220.	27	0	0.00	9	0	0.00	10	0	0.00	8	0	0.00			
01065	NICKEL, DISSOLVED	Marine Acute	75.	17	0	0.00	5	0	0.00	7	0	0.00	5	0	0.00			
01067	NICKEL, TOTAL	Marine Acute	75.	27	1	0.04	9	1	0.11	10	0	0.00	8	0	0.00			
01075	SILVER, DISSOLVED	Marine Acute	0.12	6 &	6	1.00	2	2	1.00	3	3	1.00	1	1	1.00			
01077	SILVER, TOTAL	Marine Acute	0.12	13 &	13	1.00	4	4	1.00	6	6	1.00	3	3	1.00			
01090	ZINC, DISSOLVED	Marine Acute	95.	12	1	0.08	4	0	0.00	4	1	0.25	4	0	0.00			
01092	ZINC, TOTAL	Marine Acute	95.	27	7	0.26	9	3	0.33	10	3	0.30	8	1	0.13			
31504	COLIFORM,TOT,MEMBRANE FILTR,IMMED. LES-E	Other-Hi Lim.	1000.	18	10	0.56	6	3	0.50	4	4	1.00	8	3	0.38			
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	46	20	0.43	17	2	0.12	11	9	0.82	18	9	0.50			
71900	MERCURY, TOTAL	Marine Acute	2.1	25	0	0.00	10	0	0.00	9	0	0.00	6	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1974 - Station GATE0121

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-05/26/82	8	15.8	15.425	22.6	6.9	39.325	6.271	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-05/26/82	3	46000.	44833.333	48500.	40000.	19083333.333	4368.447	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/30/74-05/26/82	8	6.1	6.65	9.5	4.5	3.997	1.999	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-05/26/82	7	10.	9.429	16.	4.	23.619	4.86	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-05/26/82	8	36.	36.5	45.	30.	26.571	5.155	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GATE0121

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-05/26/82	15	17.3	14.78	25.	4.6	57.729	7.598	4.72	6.3	21.5	24.4
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-05/26/82	14	2.5	2.643	5.	1.	2.863	1.692	1.	1.	4.25	5.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-05/26/82	15	43000.	42333.333	48000.	36000.	9380952.381	3062.834	37800.	40000.	44000.	46800.
00300	OXYGEN, DISSOLVED MG/L	07/30/74-05/26/82	15	7.4	7.787	10.6	4.8	2.883	1.698	5.4	6.8	8.8	10.36
00400	PH (STANDARD UNITS)	02/19/75-05/26/82	11	7.8	7.764	8.2	7.4	0.071	0.266	7.4	7.5	8.	8.16
00400	CONVERTED PH (STANDARD UNITS)	02/19/75-05/26/82	11	7.8	7.692	8.2	7.4	0.076	0.276	7.4	7.5	8.	8.16
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/19/75-05/26/82	11	0.016	0.02	0.04	0.006	0.	0.012	0.007	0.01	0.032	0.04
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-05/26/82	10	9.	8.7	11.	5.	4.678	2.163	5.1	6.75	11.	11.
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-05/26/82	13	32.	32.231	38.	28.	5.859	2.421	28.8	30.5	33.5	36.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station GATE0121

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-05/26/82	10	19.25	16.9	22.5	8.	32.044	5.661	8.05	10.	21.	22.5
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-05/26/82	9	2.	2.333	4.	1.	0.75	0.866	1.	2.	3.	4.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-05/26/82	9	45000.	43911.111	47200.	40000.	9521111.111	3085.63	40000.	40000.	46500.	47200.
00300	OXYGEN, DISSOLVED MG/L	07/30/74-05/26/82	10	7.2	7.6	10.8	5.2	3.093	1.759	5.28	6.6	8.45	10.76
00400	PH (STANDARD UNITS)	02/19/75-05/26/82	8	7.55	7.612	8.	7.3	0.056	0.236	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/19/75-05/26/82	8	7.547	7.561	8.	7.3	0.059	0.242	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/19/75-05/26/82	8	0.028	0.027	0.05	0.01	0.	0.014	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-05/26/82	9	5.	5.889	14.	2.	12.611	3.551	2.	3.5	7.5	14.
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-05/26/82	9	31.	31.444	37.	28.	7.028	2.651	28.	30.	33.	37.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GATE0121

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-05/26/82	12	17.	15.475	25.	2.	52.093	7.218	2.72	10.625	21.15	24.04
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-05/26/82	12	3.	3.083	5.	2.	1.174	1.084	2.	2.	3.75	5.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-05/26/82	11	44000.	41045.455	46500.	30000.	29772727.273	5456.439	30600.	38000.	45500.	46400.
00300	OXYGEN, DISSOLVED MG/L	07/30/74-05/26/82	12	7.3	8.058	12.	5.4	4.579	2.14	5.55	6.65	10.25	11.7
00400	PH (STANDARD UNITS)	02/19/75-05/26/82	9	7.6	7.6	8.2	7.1	0.103	0.32	7.1	7.4	7.8	8.2
00400	CONVERTED PH (STANDARD UNITS)	02/19/75-05/26/82	9	7.6	7.504	8.2	7.1	0.113	0.336	7.1	7.4	7.8	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/19/75-05/26/82	9	0.025	0.031	0.079	0.006	0.	0.022	0.006	0.016	0.041	0.079
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-05/26/82	9	8.	7.222	11.	4.	5.194	2.279	4.	5.	8.5	11.
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-05/26/82	11	32.	32.455	37.	29.	6.873	2.622	29.	30.	34.	36.8

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Annual Analysis for 1978 - Station GATE0121

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-05/26/82	11	18.7	16.591	26.2	1.	57.479	7.581	2.36	12.5	23.5	25.72
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-05/26/82	12	2.	2.25	4.	1.	0.75	0.866	1.	2.	3.	3.7
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-05/26/82	12	40650.	40716.667	50000.	33000.	29519696.97	5433.203	33150.	36000.	45450.	48950.
00300	OXYGEN, DISSOLVED MG/L	07/30/74-05/26/82	12	7.8	8.275	12.2	5.4	3.649	1.91	5.73	6.95	9.4	11.84
00400	PH (STANDARD UNITS)	02/19/75-05/26/82	9	7.6	7.7	8.2	7.3	0.09	0.3	7.3	7.5	8.	8.2
00400	CONVERTED PH (STANDARD UNITS)	02/19/75-05/26/82	9	7.6	7.621	8.2	7.3	0.097	0.312	7.3	7.5	8.	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/19/75-05/26/82	9	0.025	0.024	0.05	0.006	0.	0.014	0.006	0.01	0.032	0.05
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-05/26/82	12	7.5	7.5	13.	2.	7.	2.646	2.9	6.25	9.	11.8
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-05/26/82	12	30.	30.25	33.	26.	2.932	1.712	26.9	30.	31.	32.7

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station GATE0121

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-05/26/82	10	15.75	14.7	22.	2.	45.122	6.717	2.65	9.625	21.125	21.95
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-05/26/82	10	2.5	2.5	5.	1.	1.389	1.179	1.	1.75	3.	4.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-05/26/82	9	44000.	43100.	48000.	38000.	9865000.	3140.86	38000.	40200.	45250.	48000.
00300	OXYGEN, DISSOLVED MG/L	07/30/74-05/26/82	10	7.8	8.34	12.2	5.8	4.365	2.089	5.86	6.85	10.1	12.08
00400	PH (STANDARD UNITS)	02/19/75-05/26/82	10	7.6	7.74	8.1	7.5	0.045	0.212	7.51	7.6	7.925	8.09
00400	CONVERTED PH (STANDARD UNITS)	02/19/75-05/26/82	10	7.6	7.698	8.1	7.5	0.047	0.216	7.51	7.6	7.925	8.09
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/19/75-05/26/82	10	0.025	0.02	0.032	0.008	0.	0.008	0.008	0.012	0.025	0.031
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-05/26/82	9	9.	8.778	14.	5.	8.944	2.991	5.	6.	11.	14.
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-05/26/82	9	31.	31.222	37.	28.	9.194	3.032	28.	29.	33.5	37.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GATE0121

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-05/26/82	8	16.5	13.	22.5	0.5	93.643	9.677	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-05/26/82	8	2.	1.75	2.	1.	0.214	0.463	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-05/26/82	8	45000.	43500.	50000.	32500.	27357142.857	5230.406	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/30/74-05/26/82	8	8.55	9.	14.2	7.2	4.991	2.234	**	**	**	**
00400	PH (STANDARD UNITS)	02/19/75-05/26/82	8	7.85	7.862	8.3	7.5	0.088	0.297	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/19/75-05/26/82	8	7.847	7.779	8.3	7.5	0.096	0.31	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/19/75-05/26/82	8	0.014	0.017	0.032	0.005	0.	0.01	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-05/26/82	7	8.	9.429	16.	5.	12.619	3.552	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-05/26/82	6	32.	32.5	37.	29.	6.7	2.588	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station GATE0121

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-05/26/82	10	17.5	15.27	25.	2.	65.929	8.12	2.05	7.75	21.625	24.7
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-05/26/82	10	2.	2.3	5.	1.	1.122	1.059	1.1	2.	2.25	4.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-05/26/82	10	49500.	47800.	50000.	40000.	10844444.444	3293.09	40500.	45750.	50000.	50000.
00300	OXYGEN, DISSOLVED MG/L	07/30/74-05/26/82	10	6.75	7.3	12.8	4.	9.113	3.019	4.03	4.9	8.75	12.74
00400	PH (STANDARD UNITS)	02/19/75-05/26/82	10	7.7	7.69	8.4	7.3	0.101	0.318	7.3	7.45	7.825	8.35
00400	CONVERTED PH (STANDARD UNITS)	02/19/75-05/26/82	10	7.7	7.603	8.4	7.3	0.109	0.331	7.3	7.45	7.825	8.35
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/19/75-05/26/82	10	0.02	0.025	0.05	0.004	0.	0.015	0.005	0.015	0.036	0.05
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-05/26/82	10	18.5	18.9	27.	15.	12.1	3.479	15.1	16.	20.25	26.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station GATE0121

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-05/26/82	10	31.5	32.3	40.	27.	13.567	3.683	27.2	29.75	35.	39.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station GATE0121

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-05/26/82	3	5.8	7.667	14.	3.2	31.773	5.637	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-05/26/82	3	1.	1.	2.	0.	1.	1.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-05/26/82	3	42000.	41433.333	47300.	35000.	38063333.333	6169.549	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/30/74-05/26/82	3	13.3	11.633	13.4	8.2	8.843	2.974	**	**	**	**
00400	PH (STANDARD UNITS)	02/19/75-05/26/82	3	8.2	8.133	8.4	7.8	0.093	0.306	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/19/75-05/26/82	3	8.2	8.06	8.4	7.8	0.101	0.318	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/19/75-05/26/82	3	0.006	0.009	0.016	0.004	0.	0.006	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-05/26/82	3	13.	11.	17.	3.	52.	7.211	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-05/26/82	3	31.	31.333	32.	31.	0.333	0.577	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0121

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-05/26/82	29	20.5	20.545	26.2	10.5	13.01	3.607	14.1	19.	23.05	25.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-05/26/82	22	2.	2.273	4.	1.	0.589	0.767	1.	2.	3.	3.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-05/26/82	24	45750.	45275.	50000.	40000.	7459347.826	2731.181	40900.	43850.	46500.	49500.
00300	OXYGEN, DISSOLVED MG/L	07/30/74-05/26/82	29	6.8	6.552	8.8	4.	1.118	1.057	5.	5.95	7.1	7.8
00310	BOD, 5 DAY, 20 DEG C MG/L	07/30/74-02/22/82	18	2.3	2.711	6.	1.5	1.78	1.334	1.5	1.85	3.125	5.91
00400	PH (STANDARD UNITS)	02/19/75-05/26/82	19	7.6	7.595	8.	7.1	0.049	0.222	7.3	7.5	7.7	7.9
00400	CONVERTED PH (STANDARD UNITS)	02/19/75-05/26/82	19	7.6	7.539	8.	7.1	0.053	0.23	7.3	7.5	7.7	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/19/75-05/26/82	19	0.025	0.029	0.079	0.01	0.	0.016	0.013	0.02	0.032	0.05
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/13/74-05/26/82	14	0.42	0.483	1.15	0.09	0.076	0.276	0.14	0.27	0.638	0.955
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/14/76-05/26/82	9	0.14	0.21	0.53	0.04	0.035	0.188	0.04	0.06	0.385	0.53
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/13/74-05/26/82	13	0.06	0.073	0.14	0.01	0.001	0.039	0.022	0.045	0.1	0.14
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-05/26/82	27	8.	9.37	21.	2.	24.165	4.916	4.	6.	11.	19.2
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-05/26/82	26	32.	33.423	45.	28.	17.294	4.159	29.	30.	37.	39.2
01027	CADMIUM, TOTAL (UG/L AS CD)	08/13/74-02/22/82	9	0.6	2.65	10.	0.25	13.699	3.701	0.25	0.25	5.	10.
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/13/74-02/22/82	10 ##	2.5	3.55	10.	0.5	6.914	2.629	0.65	2.375	5.	9.5
01042	COPPER, TOTAL (UG/L AS CU)	08/13/74-02/22/82	10	23.	35.8	90.	1.	903.067	30.051	1.9	13.	66.25	87.7
01051	LEAD, TOTAL (UG/L AS PB)	08/13/74-02/22/82	9	10.	22.778	115.	2.5	1255.382	35.431	2.5	3.75	22.5	115.
01067	NICKEL, TOTAL (UG/L AS NI)	08/13/74-02/22/82	9	6.	26.944	150.	2.5	2301.028	47.969	2.5	5.	30.	150.
01092	ZINC, TOTAL (UG/L AS ZN)	08/13/74-02/22/82	9	80.	77.556	150.	25.	1750.028	41.833	25.	37.5	109.	150.
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	08/13/74-05/26/82	17	50.	812.882	11000.	5.	7165792.485	2676.9	5.	7.5	89.5	3960.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	08/13/74-05/26/82	17	1.699	1.651	4.041	0.699	0.843	0.918	0.699	0.849	1.949	3.482
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			44.774								
71900	MERCURY, TOTAL (UG/L AS HG)	08/13/74-02/22/82	10 ##	0.075	0.145	0.4	0.05	0.016	0.126	0.05	0.05	0.225	0.39

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0121

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-05/26/82	24	5.3	5.854	15.	0.5	14.869	3.856	1.	2.125	8.5	11.25
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-05/26/82	23	3.	3.	5.	1.	1.818	1.348	1.4	2.	4.	5.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-05/26/82	23	40000.	40413.043	50000.	30000.	24264822.134	4925.934	32900.	36000.	44000.	46300.
00300	OXYGEN, DISSOLVED MG/L	07/30/74-05/26/82	25	9.8	10.016	14.2	4.8	5.255	2.292	7.32	8.3	12.2	13.34
00310	BOD, 5 DAY, 20 DEG C MG/L	07/30/74-02/22/82	16	3.3	3.394	5.4	0.8	2.034	1.426	1.15	2.5	4.75	5.4
00400	PH (STANDARD UNITS)	02/19/75-05/26/82	20	7.7	7.785	8.4	7.3	0.113	0.336	7.4	7.525	7.975	8.39
00400	CONVERTED PH (STANDARD UNITS)	02/19/75-05/26/82	20	7.689	7.681	8.4	7.3	0.124	0.353	7.4	7.525	7.975	8.39
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/19/75-05/26/82	20	0.02	0.021	0.05	0.004	0.	0.013	0.004	0.011	0.03	0.04
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/13/74-05/26/82	8	0.35	0.386	0.63	0.21	0.022	0.148	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/14/76-05/26/82	5	0.19	0.228	0.39	0.13	0.012	0.111	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/13/74-05/26/82	8	0.03	0.124	0.81	0.005	0.077	0.278	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-05/26/82	23	8.	9.348	20.	3.	23.328	4.83	4.	6.	13.	17.
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-05/26/82	23	31.	31.	35.	28.	3.182	1.784	28.4	30.	32.	34.
01027	CADMIUM, TOTAL (UG/L AS CD)	08/13/74-02/22/82	10	2.5	2.225	5.	0.25	3.548	1.884	0.25	0.25	3.5	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/13/74-02/22/82	10 ##	2.5	2.95	6.	0.5	2.969	1.723	0.65	2.375	3.375	6.
01042	COPPER, TOTAL (UG/L AS CU)	08/13/74-02/22/82	10	38.	61.4	290.	8.	6765.156	82.251	9.	21.75	60.5	267.5
01051	LEAD, TOTAL (UG/L AS PB)	08/13/74-02/22/82	10	17.5	17.35	30.	2.5	70.781	8.413	3.25	10.	25.	29.5
01067	NICKEL, TOTAL (UG/L AS NI)	08/13/74-02/22/82	10	10.	15.25	45.	2.5	218.736	14.79	2.75	6.5	21.25	44.5
01092	ZINC, TOTAL (UG/L AS ZN)	08/13/74-02/22/82	10	48.	103.8	350.	20.	15298.844	123.688	20.9	32.	151.75	346.9
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	08/13/74-05/26/82	11	2300.	10719.091	39000.	50.	245209629.091	15659.171	50.	360.	29000.	38400.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	08/13/74-05/26/82	11	3.362	3.244	4.591	1.699	1.137	1.066	1.699	2.556	4.462	4.584
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1754.389								
71900	MERCURY, TOTAL (UG/L AS HG)	08/13/74-02/22/82	9 ##	0.05	0.144	0.4	0.05	0.023	0.153	0.05	0.05	0.3	0.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0121

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-05/26/82	34	17.95	16.844	25.	5.2	23.666	4.865	9.25	13.5	21.	22.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-05/26/82	33	2.	2.061	5.	0.	1.309	1.144	1.	1.	3.	3.6
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-05/26/82	33	44000.	43239.394	50000.	33000.	21734337.121	4662.01	36800.	40000.	47100.	50000.
00300	OXYGEN, DISSOLVED MG/L	07/30/74-05/26/82	34	7.7	7.791	12.	4.3	3.357	1.832	5.3	6.65	8.625	10.9
00310	BOD, 5 DAY, 20 DEG C MG/L	07/30/74-02/22/82	20	3.05	3.27	8.6	1.5	3.022	1.738	1.51	1.8	4.075	5.35
00400	PH (STANDARD UNITS)	02/19/75-05/26/82	29	7.8	7.779	8.2	7.3	0.077	0.278	7.4	7.55	8.	8.2
00400	CONVERTED PH (STANDARD UNITS)	02/19/75-05/26/82	29	7.8	7.696	8.2	7.3	0.085	0.291	7.4	7.55	8.	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/19/75-05/26/82	29	0.016	0.02	0.05	0.006	0.	0.013	0.006	0.01	0.028	0.04
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/13/74-05/26/82	12	0.32	0.353	0.7	0.1	0.048	0.219	0.1	0.133	0.588	0.688
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/14/76-05/26/82	9	0.11	0.138	0.4	0.01	0.012	0.111	0.01	0.075	0.16	0.4
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/13/74-05/26/82	12	0.07	0.095	0.3	0.01	0.007	0.082	0.016	0.04	0.148	0.261
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-05/26/82	26	9.	10.	27.	2.	29.12	5.396	3.7	6.75	13.25	16.6
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-05/26/82	32	32.	32.031	40.	26.	8.999	3.	29.	30.	34.	36.7
01027	CADMIUM, TOTAL (UG/L AS CD)	08/13/74-02/22/82	8 ##	0.25	0.781	2.	0.25	0.633	0.795	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/13/74-02/22/82	7 ##	2.5	3.014	6.	0.1	3.735	1.933	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/13/74-02/22/82	8	31.5	28.75	58.	5.	282.786	16.816	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	08/13/74-02/22/82	8	9.5	10.063	25.	2.5	49.746	7.053	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	08/13/74-02/22/82	8	11.5	12.	25.	2.5	67.929	8.242	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/13/74-02/22/82	8	33.	44.5	150.	13.	1930.286	43.935	**	**	**	**
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	08/13/74-05/26/82	18	176.	15040.167	100000.	5.	1132012397.324	33645.392	9.5	34.5	4150.	100000.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	08/13/74-05/26/82	18	2.173	2.57	5.	0.699	1.869	1.367	0.97	1.537	3.584	5.
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			371.837								
71900	MERCURY, TOTAL (UG/L AS HG)	08/13/74-02/22/82	6 ##	0.125	0.125	0.2	0.05	0.007	0.082	**	**	**	**

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Station Inventory for Station: GATE0122

NPS Station ID: GATE0122
LAT/LON: 40.563059/ -73.931115
Agency: 1111H030
Date Created: / /
Location: ROCKAWAY INLET (J10)
FIPS State/County: 36081 NEW YORK/QUEENS
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): 403347007355520/J10
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02030202
Depth of Water: 43
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-N.Y. METROPOLI
ECO Region:
RF1 Index: 02030202027
RF1 Mile Point: 27.960
Distance from RF1: 10.20
On/Off RF1: ON
RF3 Index: 02030202002709.04
RF3 Mile Point: 15.77
Distance from RF3: 0.97
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0122

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/03/66-08/24/66	12	14.75	13.75	23.9	3.5	64.281	8.018	3.56	4.5	22.	23.63
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/03/66-08/24/66	12	16.	14.833	24.	5.	52.879	7.272	5.	7.	21.	24.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/03/66-08/24/66	12	1.75	2.767	8.8	1.1	6.142	2.478	1.13	1.325	2.725	8.26
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/03/66-08/24/66	12	29500.	29745.833	39350.	20800.	38320662.879	6190.369	20920.	25575.	34500.	39185.
00300	OXYGEN, DISSOLVED MG/L	03/03/66-08/24/66	12	8.85	8.375	11.4	4.9	4.737	2.176	5.2	5.925	9.925	11.31
00310	BOD, 5 DAY, 20 DEG C MG/L	03/03/66-08/24/66	12	1.65	1.742	3.4	0.7	0.559	0.748	0.76	1.25	2.15	3.16
00400	PH (STANDARD UNITS)	03/03/66-08/24/66	12	7.5	7.475	7.8	7.	0.04	0.201	7.09	7.4	7.6	7.74
00400	CONVERTED PH (STANDARD UNITS)	03/03/66-08/24/66	12	7.5	7.427	7.8	7.	0.043	0.207	7.09	7.4	7.6	7.74
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/03/66-08/24/66	12	0.032	0.037	0.1	0.016	0.	0.022	0.019	0.025	0.04	0.085
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/25/66-08/24/66	7	0.02	0.023	0.05	0.	0.	0.021	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/03/66-08/24/66	12	0.015	0.019	0.05	0.	0.	0.014	0.003	0.01	0.028	0.047
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/03/66-08/24/66	12	0.075	0.096	0.16	0.04	0.002	0.049	0.043	0.05	0.148	0.16
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/03/66-08/24/66	12	0.655	0.625	1.23	0.	0.16	0.4	0.006	0.293	0.893	1.215
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	03/03/66-07/25/66	10	0.4	0.501	1.	0.17	0.068	0.26	0.181	0.295	0.72	0.972
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/03/66-08/24/66	12	0.435	0.473	1.	0.11	0.072	0.268	0.137	0.255	0.605	0.964
00940	CHLORIDE,TOTAL IN WATER MG/L	03/03/66-08/24/66	12	15850.	15816.667	17300.	14600.	730606.061	854.755	14630.	15125.	16275.	17240.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/03/66-08/24/66	12	380.	9628.083	71000.	5.	445185369.538	21099.416	6.5	76.5	5850.	58700.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/03/66-08/24/66	12	2.548	2.755	4.851	0.699	1.713	1.309	0.789	1.831	3.766	4.739
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			568.318								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/03/66-08/24/66	12	98.	1759.	11000.	2.	10687341.455	3269.15	2.	12.	2900.	9020.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/03/66-08/24/66	12	1.967	2.082	4.041	0.301	1.711	1.308	0.301	1.079	3.454	3.922
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			120.691								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/03/66-08/24/66	12	9.	435.667	2600.	1.	645538.606	803.454	1.	2.	595.	2240.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/03/66-08/24/66	12	0.952	1.413	3.415	0.	1.664	1.29	0.	0.301	2.773	3.334
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			25.876								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0122

				Total	Exceed	Prop.	----------8/01-10/31----------			----------11/01-3/31----------			----------4/01-7/31----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	12	0	0.00	2	0	0.00	4	0	0.00	6	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	12	0	0.00	2	0	0.00	4	0	0.00	6	0	0.00			
00400	PH	Other-Hi Lim.	9.	12	0	0.00	2	0	0.00	4	0	0.00	6	0	0.00			
		Other-Lo Lim.	6.5	12	0	0.00	2	0	0.00	4	0	0.00	6	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: GATE0122

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	12	5	0.42	2	0	0.00	4	4	1.00	6	1	0.17			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	12	5	0.42	2	0	0.00	4	4	1.00	6	1	0.17			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0123

NPS Station ID: GATE0123
LAT/LON: 40.565837/ -73.931392
Agency: 1111H030
Date Created: / /
Location: ROCKAWAY INLET (N9A)
FIPS State/County: 36047 NEW YORK/KINGS
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): 403357007355530/N9A
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030202
Depth of Water: 12
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-N.Y. METROPOLI
ECO Region:
RF1 Index: 02030202028
RF1 Mile Point: 1.290
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02030201000101.63
RF3 Mile Point: 1.90
Distance from RF3: 1.04
On/Off RF3:
Description:
STATION LOCATED IN ROCKAWAY INLET AT CONEY ISLAND SEWAGE PLANT OUTFALL AS NEAR THE OUTFALL STRUCTURE AS SAFETY WILL PERMIT.
DATA COLLECTED BY CITY OF NEW YORK DEPARTMENT OF PUBLIC WORKS.

Parameter Inventory for Station: GATE0123

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GATE0124

NPS Station ID: GATE0124
LAT/LON: 40.565837/ -73.931392
Agency: 21350000
Date Created: / /
Location: ROCKAWAY INLET
FIPS State/County: 36000 NEW YORK/
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): 403357007355530/N9A
RMI-Indexes: 0133000
Within Park Boundary: No
RMI-Miles: 0000.00
HUC: 02030202
Depth of Water: 12
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-N.Y. METROPOLITAN AREA
ECO Region:
RF1 Index: 02030202028
RF1 Mile Point: 1.290
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02030201000101.63
RF3 Mile Point: 7.70
Distance from RF3: 0.04
On/Off RF3:
Description:
STATION LOCATED IN ROCKAWAY INLET AT CONEY ISLAND SEWAGE PLANT OUTFALL AS NEAR THE OUTFALL STRUCTURE AS SAFETY WILL PERMIT.
DATA COLLECTED BY CITY OF NEW YORK DEPARTMENT OF PUBLIC WORKS.

Parameter Inventory for Station: GATE0124

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/07/73-01/08/74	4	6.25	6.25	9.1	3.4	10.83	3.291	**	**	**	**
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/27/38-09/15/66	546	70.	69.445	80.	55.	18.6	4.313	63.7	67.	73.	74.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/07/73-01/08/74	2	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/07/73-01/08/74	4	4.	4.25	5.	4.	0.25	0.5	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/07/73-01/08/74	4	27070.	27060.	30000.	24100.	10413066.667	3226.928	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/07/73-01/08/74	4	40987.5	40954.75	42481.	39363.	2382878.917	1543.658	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	07/27/38-01/08/74	552	6.3	6.454	12.1	3.7	1.151	1.073	5.2	5.8	7.	7.7
00310p	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	297	1.8	2.156	7.3	0.	1.811	1.346	0.8	1.2	2.7	4.1
00403	PH, LAB, STANDARD UNITS SU	11/07/73-01/08/74	4	7.1	7.075	8.1	6.	1.276	1.13	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	11/07/73-01/08/74	4	6.494	6.385	8.1	6.	1.911	1.382	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/07/73-01/08/74	4	0.32	0.412	1.	0.008	0.24	0.489	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/07/73-01/08/74	4	15440.	15072.5	15610.	13800.	739158.333	859.743	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/07/73-01/08/74	4	13400.	13900.	24000.	4800.	90813333.333	9529.603	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/07/73-01/08/74	4	4.067	4.049	4.38	3.681	0.118	0.344	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			11187.881								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/11/53-09/15/66	273	700.	2024.963	15000.	15.	10280756.072	3206.362	74.2	200.	2400.	4600.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/11/53-09/15/66	273	2.845	2.791	4.176	1.176	0.529	0.727	1.87	2.301	3.38	3.663
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			617.977								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/07/73-01/08/74	4	1030.	1145.	2100.	420.	704633.333	839.424	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/07/73-01/08/74	4	2.933	2.953	3.322	2.623	0.131	0.362	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			897.608								
70305	SALINITY BASED ON CONDUCTIVITY	11/07/73-01/08/74	4	26.1	26.025	27.	24.9	1.169	1.081	**	**	**	**
70307p	SEA WATER, PERCENT	07/27/38-09/15/66	548	90.	89.425	100.	63.	30.376	5.511	82.	86.	94.	96.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

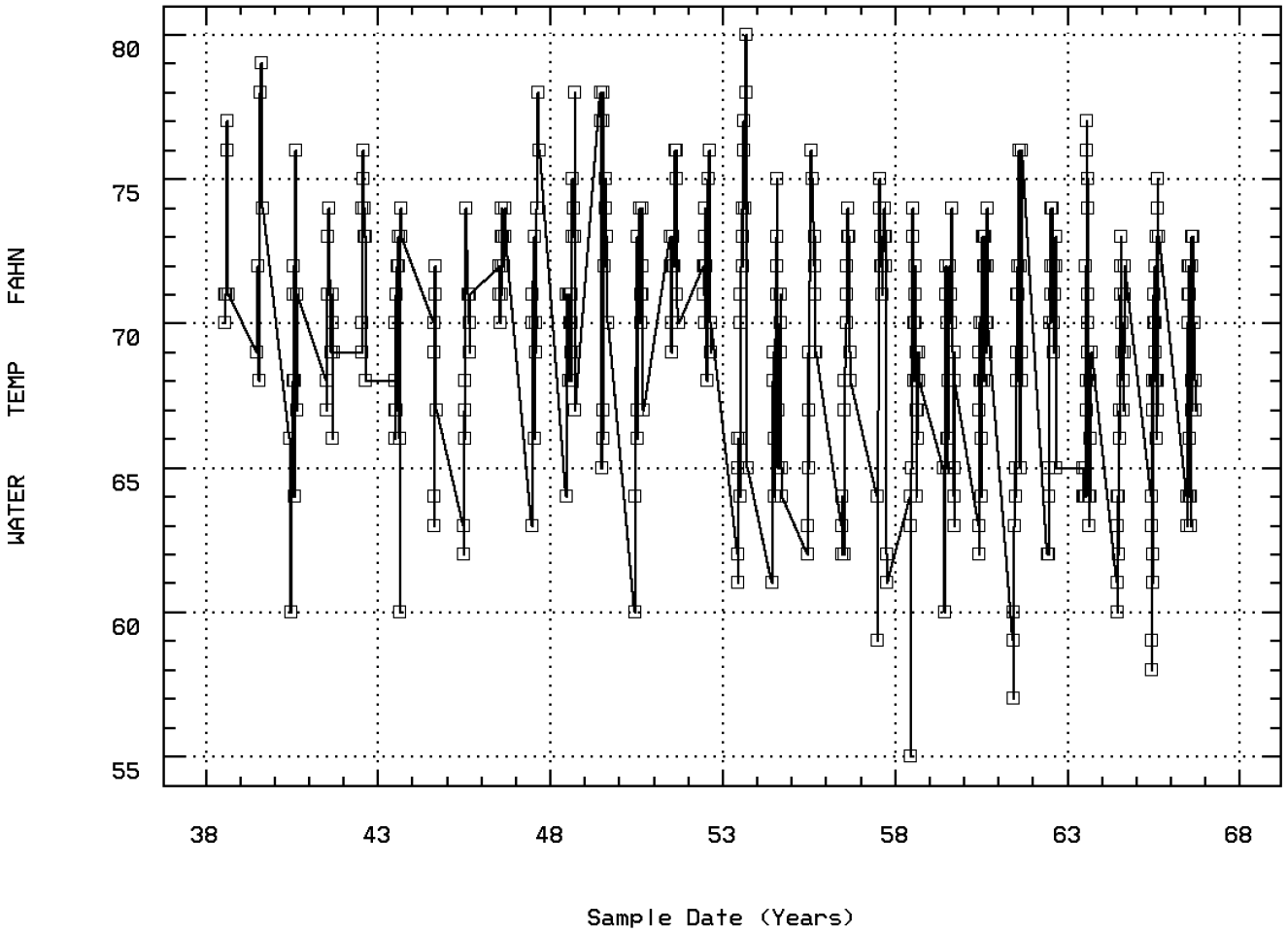
EPA Water Quality Criteria Analysis for Station: GATE0124

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	4	0	0.00				4	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	552	1	0.00	290	1	0.00	4	0	0.00	258	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	4	0	0.00				4	0	0.00						
		Other-Lo Lim.	6.5	4	2	0.50				4	2	0.50						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	4	4	1.00				4	4	1.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	273	92	0.34	139	49	0.35				134	43	0.32			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	4	4	1.00				4	4	1.00						

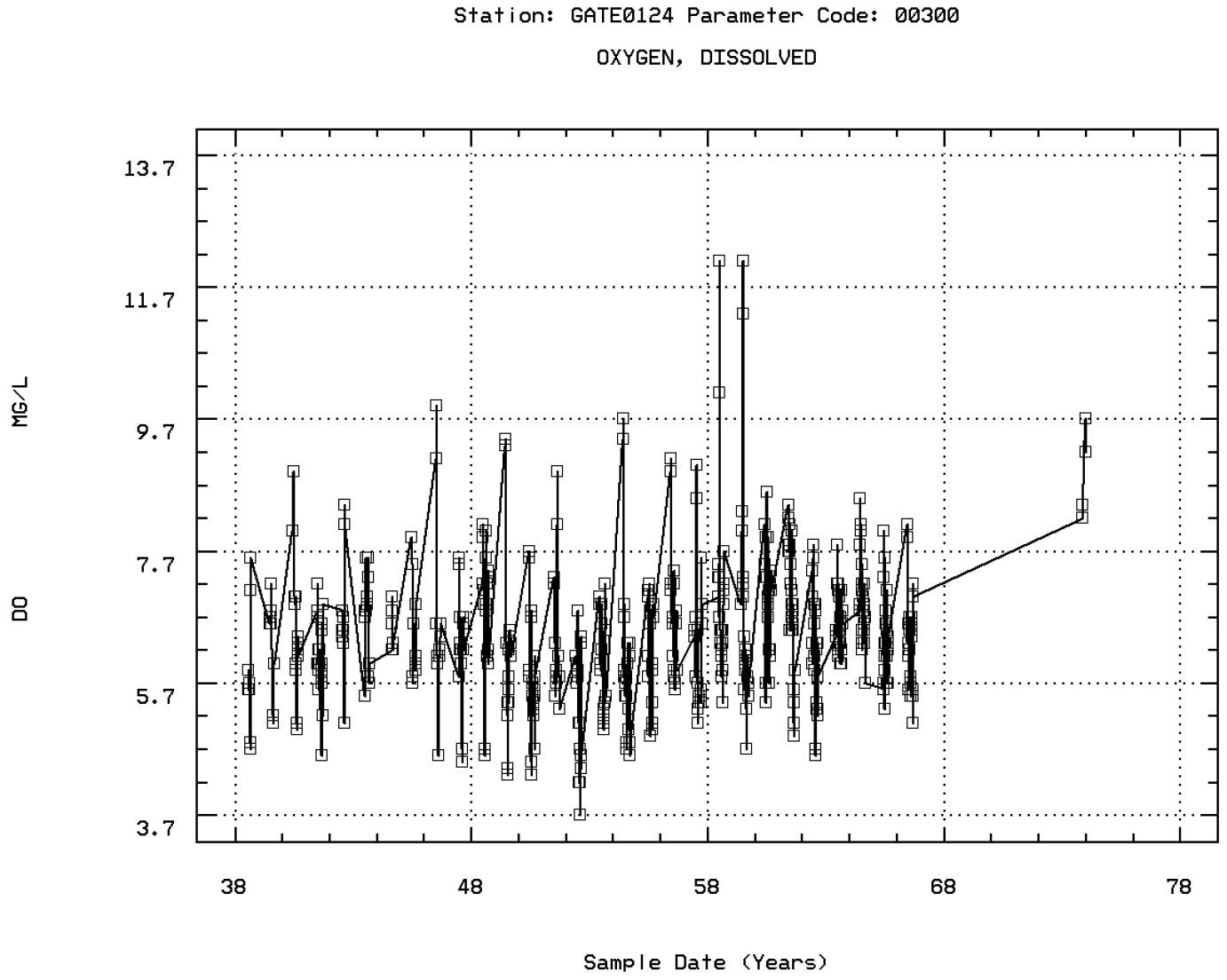
& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station: GATE0124 Parameter Code: 00011

TEMPERATURE, WATER (DEGREES FAHRENHEIT)



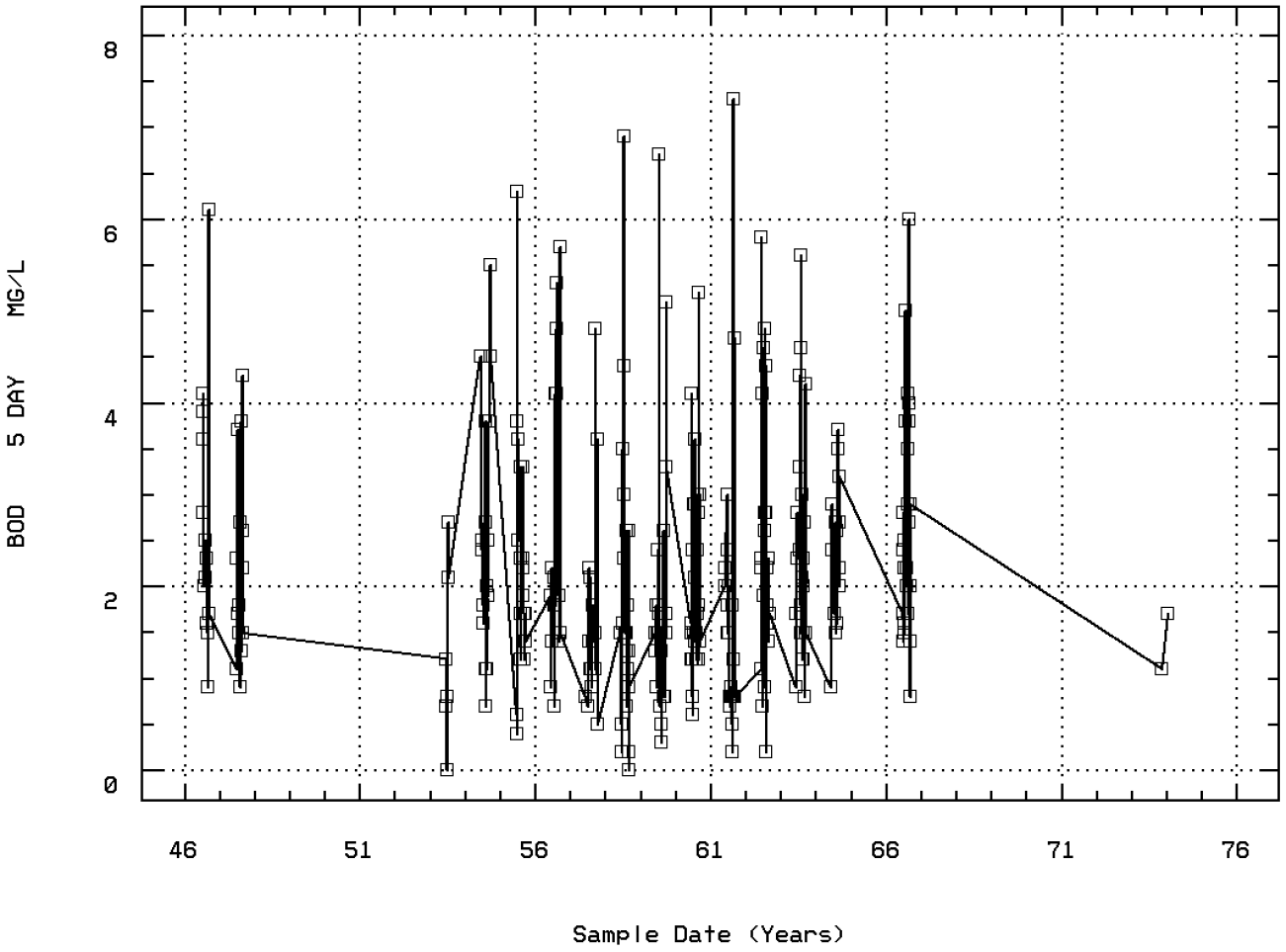
ROCKAWAY INLET



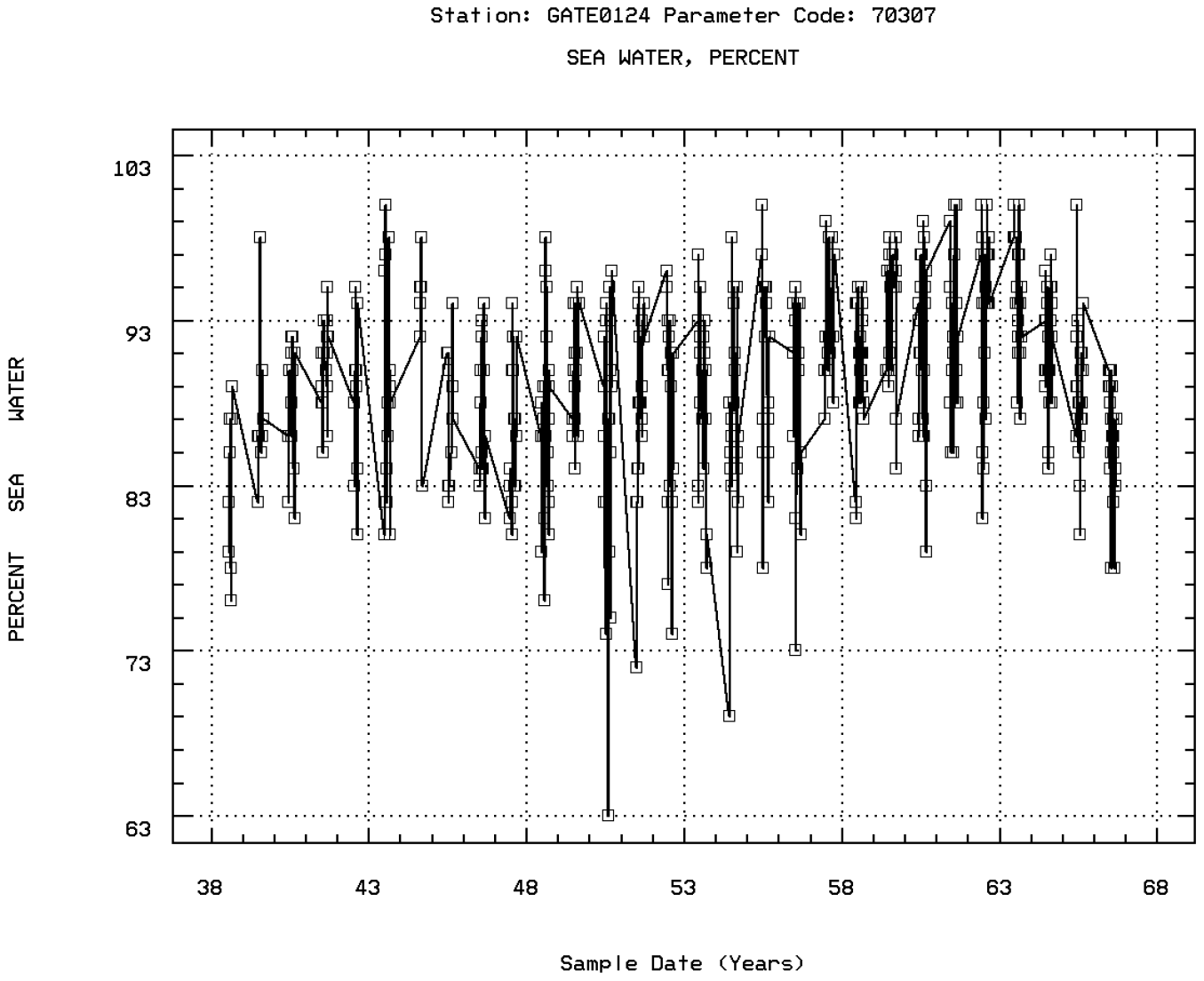
ROCKAWAY INLET

Station: GATE0124 Parameter Code: 00310

BOD, 5 DAY, 20 DEG C



ROCKAWAY INLET



ROCKAWAY INLET

Annual Analysis for 1938 - Station GATE0124

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/27/38-09/15/66	8	71.	72.25	77.	70.	7.071	2.659	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	07/27/38-01/08/74	8	5.65	5.875	7.6	4.7	1.028	1.014	**	**	**	**
70307p	SEA WATER, PERCENT	07/27/38-09/15/66	8	83.5	82.875	89.	76.	23.268	4.824	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1939 - Station GATE0124

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/27/38-09/15/66	12	73.	73.333	79.	68.	18.788	4.334	68.	69.	78.	79.
00300p	OXYGEN, DISSOLVED MG/L	07/27/38-01/08/74	12	6.3	6.15	7.2	5.1	0.654	0.808	5.13	5.2	6.775	7.2
70307p	SEA WATER, PERCENT	07/27/38-09/15/66	12	86.	88.	98.	82.	25.091	5.009	82.9	85.25	89.25	98.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1940 - Station GATE0124

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/27/38-09/15/66	16	68.	68.188	76.	60.	21.629	4.651	60.	66.	71.	76.
00300p	OXYGEN, DISSOLVED MG/L	07/27/38-01/08/74	16	6.65	6.794	8.9	5.	1.378	1.174	5.07	6.025	7.75	8.9
70307p	SEA WATER, PERCENT	07/27/38-09/15/66	16	89.	87.438	92.	81.	15.996	3.999	81.	84.	91.	92.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1941 - Station GATE0124

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/27/38-09/15/66	20	69.5	69.8	74.	66.	6.379	2.526	66.1	67.25	71.	73.9
00300p	OXYGEN, DISSOLVED MG/L	07/27/38-01/08/74	20	6.	6.02	7.2	4.6	0.47	0.686	4.66	5.725	6.575	6.89
70307p	SEA WATER, PERCENT	07/27/38-09/15/66	20	90.5	89.95	95.	85.	7.313	2.704	85.1	88.	92.	93.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1942 - Station GATE0124

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/27/38-09/15/66	12	73.	72.25	76.	68.	7.659	2.768	68.	69.25	74.	75.7
00300p	OXYGEN, DISSOLVED MG/L	07/27/38-01/08/74	12	6.5	6.6	8.4	5.1	0.931	0.965	5.1	6.325	6.8	8.31
70307p	SEA WATER, PERCENT	07/27/38-09/15/66	12	88.5	88.167	95.	80.	23.606	4.859	80.9	83.25	93.	94.7

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1943 - Station GATE0124

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/27/38-09/15/66	16	71.5	69.813	74.	60.	14.563	3.816	64.2	67.	73.	73.3
00300p	OXYGEN, DISSOLVED MG/L	07/27/38-01/08/74	16	6.8	6.587	7.6	5.5	0.582	0.763	5.5	5.8	7.225	7.6
70307p	SEA WATER, PERCENT	07/27/38-09/15/66	16	88.5	89.625	100.	80.	49.05	7.004	80.	82.5	96.75	98.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1944 - Station GATE0124

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/27/38-09/15/66	8	68.	67.875	72.	63.	10.411	3.227	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	07/27/38-01/08/74	8	6.3	6.45	7.	6.2	0.097	0.312	**	**	**	**
70307p	SEA WATER, PERCENT	07/27/38-09/15/66	8	94.	91.75	98.	83.	31.929	5.651	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1945 - Station GATE0124

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/27/38-09/15/66	14	69.5	68.857	74.	62.	13.055	3.613	62.5	66.75	71.	74.
00300p	OXYGEN, DISSOLVED MG/L	07/27/38-01/08/74	14	6.6	6.671	7.9	5.7	0.608	0.78	5.75	5.975	7.5	7.9
70307p	SEA WATER, PERCENT	07/27/38-09/15/66	14	88.	87.714	94.	82.	17.912	4.232	82.5	83.	91.	94.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1946 - Station GATE0124

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/27/38-09/15/66	14	72.	72.143	74.	70.	1.67	1.292	70.	71.	73.	74.
00300p	OXYGEN, DISSOLVED MG/L	07/27/38-01/08/74	14	6.15	6.493	9.9	4.6	2.05	1.432	4.6	6.	6.6	9.5
00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	14	2.2	2.579	6.1	0.9	2.031	1.425	0.95	1.575	3.675	5.1
70307p	SEA WATER, PERCENT	07/27/38-09/15/66	14	85.5	87.	94.	81.	17.077	4.132	82.	84.	90.5	93.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1947 - Station GATE0124

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/27/38-09/15/66	16	72.	71.25	78.	63.	23.8	4.879	63.	66.75	75.5	78.
00300p	OXYGEN, DISSOLVED MG/L	07/27/38-01/08/74	16	6.2	6.231	7.6	4.5	0.67	0.819	4.64	5.85	6.7	7.53
00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	16	2.	2.169	4.3	0.9	1.078	1.038	0.97	1.35	2.675	3.95
70307p	SEA WATER, PERCENT	07/27/38-09/15/66	16	85.	86.063	94.	80.	19.129	4.374	80.7	83.	90.	92.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1948 - Station GATE0124

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/27/38-09/15/66	24	70.5	70.25	78.	64.	10.804	3.287	65.5	68.	72.5	74.5
00300p	OXYGEN, DISSOLVED MG/L	07/27/38-01/08/74	24	6.9	6.792	8.1	4.6	0.783	0.885	5.35	6.2	7.275	7.95
70307p	SEA WATER, PERCENT	07/27/38-09/15/66	24	86.5	86.625	98.	76.	30.505	5.523	79.	82.25	89.75	95.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1949 - Station GATE0124

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/27/38-09/15/66	16	72.5	72.	78.	65.	20.267	4.502	65.	67.75	76.5	78.
00300p	OXYGEN, DISSOLVED MG/L	07/27/38-01/08/74	16	6.15	6.181	9.4	4.3	1.978	1.406	4.37	5.4	6.375	9.33

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1949 - Station GATE0124

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70307p	SEA WATER, PERCENT	07/27/38-09/15/66	16	90.	89.875	95.	84.	12.917	3.594	85.4	86.25	94.	94.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1950 - Station GATE0124

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/27/38-09/15/66	20	70.5	69.1	74.	60.	20.411	4.518	60.4	66.25	73.	74.
00300p	OXYGEN, DISSOLVED MG/L	07/27/38-01/08/74	20	5.55	5.7	7.7	4.3	0.857	0.926	4.52	5.2	6.05	7.52
70307p	SEA WATER, PERCENT	07/27/38-09/15/66	20	87.	85.9	96.	63.	67.989	8.246	74.1	82.	92.75	94.9

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1951 - Station GATE0124

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/27/38-09/15/66	18	72.	72.444	76.	69.	4.732	2.175	69.9	70.75	73.5	76.
00300p	OXYGEN, DISSOLVED MG/L	07/27/38-01/08/74	18	6.2	6.489	8.9	5.3	0.946	0.972	5.48	5.775	7.225	8.18
70307p	SEA WATER, PERCENT	07/27/38-09/15/66	18	88.	87.667	95.	72.	31.882	5.646	81.	84.	92.25	94.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1952 - Station GATE0124

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/27/38-09/15/66	18	72.	71.833	76.	68.	6.618	2.572	68.	70.	74.25	76.
00300p	OXYGEN, DISSOLVED MG/L	07/27/38-01/08/74	18	5.75	5.389	6.8	3.7	0.82	0.905	4.15	4.55	6.1	6.44
70307p	SEA WATER, PERCENT	07/27/38-09/15/66	18	90.	87.611	96.	74.	38.722	6.223	76.7	82.75	92.25	95.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1953 - Station GATE0124

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/27/38-09/15/66	20	71.5	70.25	80.	61.	31.671	5.628	62.2	65.	74.	77.9
00300p	OXYGEN, DISSOLVED MG/L	07/27/38-01/08/74	20	5.95	5.985	7.2	5.	0.549	0.741	5.1	5.3	6.6	6.99
00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	7	1.2	1.243	2.7	0.	0.816	0.903	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/11/53-09/15/66	2	40.	40.	40.	40.	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/11/53-09/15/66	2	1.602	1.602	1.602	1.602	0.	0.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			40.								
70307p	SEA WATER, PERCENT	07/27/38-09/15/66	20	90.	88.5	97.	78.	25.316	5.031	80.2	84.75	92.	94.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1954 - Station GATE0124

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/27/38-09/15/66	20	67.5	67.6	75.	61.	15.411	3.926	61.3	64.25	71.	72.9
00300p	OXYGEN, DISSOLVED MG/L	07/27/38-01/08/74	20	5.8	6.04	9.7	4.6	1.864	1.365	4.71	5.075	6.3	9.15

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1954 - Station GATE0124

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	18	2.4	2.544	5.5	0.7	1.866	1.366	0.97	1.475	3.8	4.6
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/11/53-09/15/66	20	300.	2158.4	11000.	36.	13984291.937	3739.558	91.	150.	2175.	10830.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/11/53-09/15/66	20	2.452	2.706	4.041	1.556	0.565	0.752	1.959	2.176	3.329	4.034
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			508.65								
70307p	SEA WATER, PERCENT	07/27/38-09/15/66	20	86.5	87.15	98.	69.	43.713	6.612	79.3	84.	93.25	95.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1955 - Station GATE0124

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/27/38-09/15/66	18	69.	70.	76.	62.	18.	4.243	62.9	67.	73.5	76.
00300p	OXYGEN, DISSOLVED MG/L	07/27/38-01/08/74	18	6.05	6.083	7.2	4.9	0.746	0.864	4.9	5.075	6.925	7.11
00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	18	2.05	2.3	6.3	0.4	1.939	1.392	0.58	1.35	3.3	4.05
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/11/53-09/15/66	18	400.	998.778	11000.	15.	6324415.948	2514.839	33.9	172.75	800.	1910.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/11/53-09/15/66	18	2.602	2.49	4.041	1.176	0.428	0.654	1.518	2.216	2.903	3.063
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			309.04								
70307p	SEA WATER, PERCENT	07/27/38-09/15/66	18	90.	89.944	100.	78.	32.056	5.662	81.6	86.5	95.	97.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1956 - Station GATE0124

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/27/38-09/15/66	18	68.5	68.	74.	62.	18.824	4.339	62.	63.	72.25	73.1
00300p	OXYGEN, DISSOLVED MG/L	07/27/38-01/08/74	18	6.6	6.7	9.1	5.6	1.026	1.013	5.69	5.9	7.2	8.92
00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	18	1.9	2.594	5.7	0.7	2.606	1.614	0.88	1.4	4.1	5.34
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/11/53-09/15/66	18	200.	849.111	11000.	15.	6485987.634	2546.76	15.	77.25	400.	1910.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/11/53-09/15/66	18	2.301	2.258	4.041	1.176	0.465	0.682	1.176	1.858	2.602	3.063
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			181.136								
70307p	SEA WATER, PERCENT	07/27/38-09/15/66	18	91.	88.556	95.	73.	38.967	6.242	79.3	84.	94.	94.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1957 - Station GATE0124

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/27/38-09/15/66	16	72.	70.	75.	59.	27.467	5.241	60.4	65.75	73.	74.3
00300p	OXYGEN, DISSOLVED MG/L	07/27/38-01/08/74	18	6.1	6.333	9.	5.1	1.232	1.11	5.28	5.475	6.75	8.55
00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	18	1.25	1.583	4.8	0.5	1.153	1.074	0.68	0.975	1.875	3.72
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/11/53-09/15/66	18	200.	1187.	11000.	36.	7112046.118	2666.842	36.	87.25	900.	5240.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/11/53-09/15/66	18	2.301	2.467	4.041	1.556	0.502	0.709	1.556	1.939	2.954	3.701
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			292.758								
70307p	SEA WATER, PERCENT	07/27/38-09/15/66	18	92.	93.167	99.	87.	14.5	3.808	87.9	90.	97.25	98.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1958 - Station GATE0124

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/27/38-09/15/66	24	67.5	67.042	74.	55.	22.216	4.713	59.	65.	70.	72.5
00300p	OXYGEN, DISSOLVED MG/L	07/27/38-01/08/74	24	6.6	6.925	12.1	5.4	2.177	1.475	5.4	6.125	7.275	8.9
00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	24	1.5	1.788	6.9	0.	2.32	1.523	0.2	0.925	2.525	3.95
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/11/53-09/15/66	24	650.	1133.542	4600.	15.	2053594.52	1433.037	36.	93.25	1500.	4250.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/11/53-09/15/66	24	2.778	2.611	3.663	1.176	0.543	0.737	1.556	1.969	3.176	3.627
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			408.582								
70307p	SEA WATER, PERCENT	07/27/38-09/15/66	24	91.	90.625	95.	81.	13.984	3.739	84.5	88.25	94.	94.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1959 - Station GATE0124

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/27/38-09/15/66	24	68.	67.667	74.	60.	16.406	4.05	61.5	65.	71.	73.
00300p	OXYGEN, DISSOLVED MG/L	07/27/38-01/08/74	24	6.15	6.788	12.1	4.7	3.045	1.745	5.4	5.7	7.2	9.8
00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	24	1.5	1.792	6.7	0.3	2.118	1.455	0.6	0.825	1.8	4.2
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/11/53-09/15/66	24	400.	1727.625	11000.	36.	9719493.81	3117.61	63.5	200.	900.	7800.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/11/53-09/15/66	24	2.602	2.727	4.041	1.556	0.452	0.672	1.758	2.301	2.954	3.852
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			533.327								
70307p	SEA WATER, PERCENT	07/27/38-09/15/66	24	95.	93.333	98.	84.	14.232	3.773	88.	90.	96.	97.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1960 - Station GATE0124

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/27/38-09/15/66	26	70.	69.615	74.	62.	11.526	3.395	63.7	67.75	72.25	73.3
00300p	OXYGEN, DISSOLVED MG/L	07/27/38-01/08/74	26	7.1	6.965	8.6	5.4	0.814	0.902	5.7	6.175	7.425	8.25
00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	26	1.65	2.077	5.2	0.6	1.215	1.102	0.94	1.2	2.9	3.75
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/11/53-09/15/66	26	900.	1742.885	11000.	15.	5105256.346	2259.481	200.	400.	2400.	4600.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/11/53-09/15/66	26	2.954	2.945	4.041	1.176	0.348	0.59	2.301	2.602	3.38	3.663
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			880.969								
70307p	SEA WATER, PERCENT	07/27/38-09/15/66	26	91.	90.923	99.	79.	26.234	5.122	85.1	86.	95.25	97.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1961 - Station GATE0124

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/27/38-09/15/66	26	69.	68.154	76.	57.	31.495	5.612	59.7	63.75	72.	76.
00300p	OXYGEN, DISSOLVED MG/L	07/27/38-01/08/74	26	6.9	6.877	8.4	4.9	0.952	0.976	5.31	6.35	7.725	8.13
00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	24	1.2	1.704	7.3	0.2	2.345	1.531	0.6	0.8	2.	3.85
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/11/53-09/15/66	26	2400.	4150.346	15000.	36.	23530676.875	4850.843	161.9	700.	6200.	12200.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/11/53-09/15/66	26	3.38	3.213	4.176	1.556	0.525	0.724	2.17	2.828	3.757	4.082
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1634.041								
70307p	SEA WATER, PERCENT	07/27/38-09/15/66	26	90.5	91.577	100.	85.	24.334	4.933	85.	88.	95.5	100.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1962 - Station GATE0124

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/27/38-09/15/66	26	71.	69.154	74.	62.	17.735	4.211	62.	65.	72.	74.
00300p	OXYGEN, DISSOLVED MG/L	07/27/38-01/08/74	26	6.15	6.142	7.8	4.6	0.704	0.839	5.05	5.375	6.825	7.46
00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	23	2.2	2.357	5.8	0.2	2.173	1.474	0.78	1.1	2.8	4.72
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/11/53-09/15/66	26	1650.	2508.	11000.	36.	8924488.96	2987.388	36.	350.	4600.	6520.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/11/53-09/15/66	26	3.167	2.995	4.041	1.556	0.552	0.743	1.556	2.527	3.663	3.776
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			988.815								
70307p	SEA WATER, PERCENT	07/27/38-09/15/66	26	94.	93.538	100.	81.	24.258	4.925	84.7	91.	97.	98.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1963 - Station GATE0124

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/27/38-09/15/66	26	68.	68.231	77.	63.	17.625	4.198	64.	64.	71.25	75.3
00300p	OXYGEN, DISSOLVED MG/L	07/27/38-01/08/74	26	6.55	6.681	7.8	6.	0.219	0.468	6.07	6.3	7.1	7.2
00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	26	2.05	2.319	5.6	0.8	1.507	1.228	0.97	1.5	2.85	4.39
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/11/53-09/15/66	25	1500.	3538.44	11000.	25.	17276999.173	4156.561	134.4	200.	4600.	11000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/11/53-09/15/66	25	3.176	3.06	4.041	1.398	0.65	0.806	2.003	2.301	3.663	4.041
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1148.258								
70307p	SEA WATER, PERCENT	07/27/38-09/15/66	26	94.5	94.577	100.	87.	11.454	3.384	90.1	92.	98.	98.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1964 - Station GATE0124

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/27/38-09/15/66	22	67.5	67.409	73.	60.	14.158	3.763	61.3	64.	71.	72.
00300p	OXYGEN, DISSOLVED MG/L	07/27/38-01/08/74	22	6.85	6.973	8.5	5.7	0.458	0.677	6.23	6.5	7.275	8.07
00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	15	2.4	2.353	3.7	0.9	0.633	0.795	1.26	1.7	2.9	3.58
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/11/53-09/15/66	22	900.	2009.091	11000.	200.	6070389.61	2463.816	230.	400.	2400.	4600.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/11/53-09/15/66	22	2.954	3.061	4.041	2.301	0.222	0.471	2.354	2.602	3.38	3.663
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1150.249								
70307p	SEA WATER, PERCENT	07/27/38-09/15/66	22	92.5	91.636	97.	84.	11.766	3.43	85.9	89.75	94.25	95.7

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1965 - Station GATE0124

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/27/38-09/15/66	24	68.	68.	75.	58.	23.13	4.809	60.	64.5	72.75	73.5
00300p	OXYGEN, DISSOLVED MG/L	07/27/38-01/08/74	24	6.35	6.475	8.	5.3	0.487	0.698	5.65	5.95	7.025	7.6
70307p	SEA WATER, PERCENT	07/27/38-09/15/66	24	88.	88.708	100.	80.	15.52	3.94	84.	87.	91.	93.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1966 - Station GATE0124

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/27/38-09/15/66	24	70.	68.792	73.	63.	11.042	3.323	63.5	66.25	71.75	73.
00300p	OXYGEN, DISSOLVED MG/L	07/27/38-01/08/74	24	6.35	6.304	8.1	5.1	0.577	0.76	5.5	5.6	6.675	7.55
00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	24	2.45	2.704	6.	0.8	1.575	1.255	1.4	1.7	3.725	4.55

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1966 - Station GATE0124

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/11/53-09/15/66	24	300.	1465.75	9200.	78.	7121475.239	2668.609	100.	200.	800.	7300.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/11/53-09/15/66	24	2.477	2.7	3.964	1.892	0.353	0.594	2.	2.301	2.903	3.848
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			501.075								
70307p	SEA WATER, PERCENT	07/27/38-09/15/66	24	86.	85.417	90.	78.	13.471	3.67	78.	84.	88.75	90.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1973 - Station GATE0124

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300p	OXYGEN, DISSOLVED MG/L	07/27/38-01/08/74	2	8.3	8.3	8.4	8.2	0.02	0.141	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

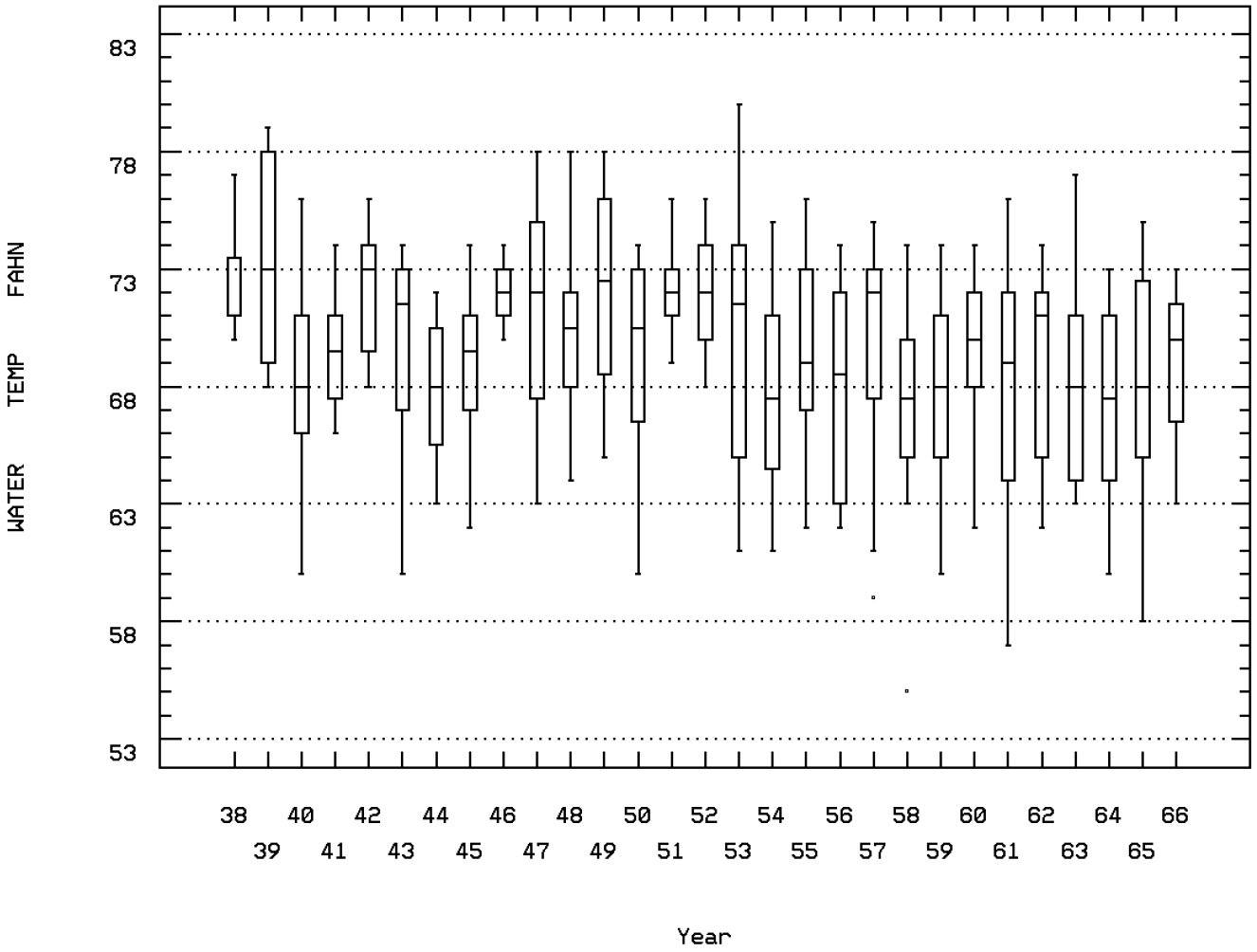
Annual Analysis for 1974 - Station GATE0124

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300p	OXYGEN, DISSOLVED MG/L	07/27/38-01/08/74	2	9.45	9.45	9.7	9.2	0.125	0.354	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	07/09/46-01/08/74	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: GATE0124 Parameter Code: 00011

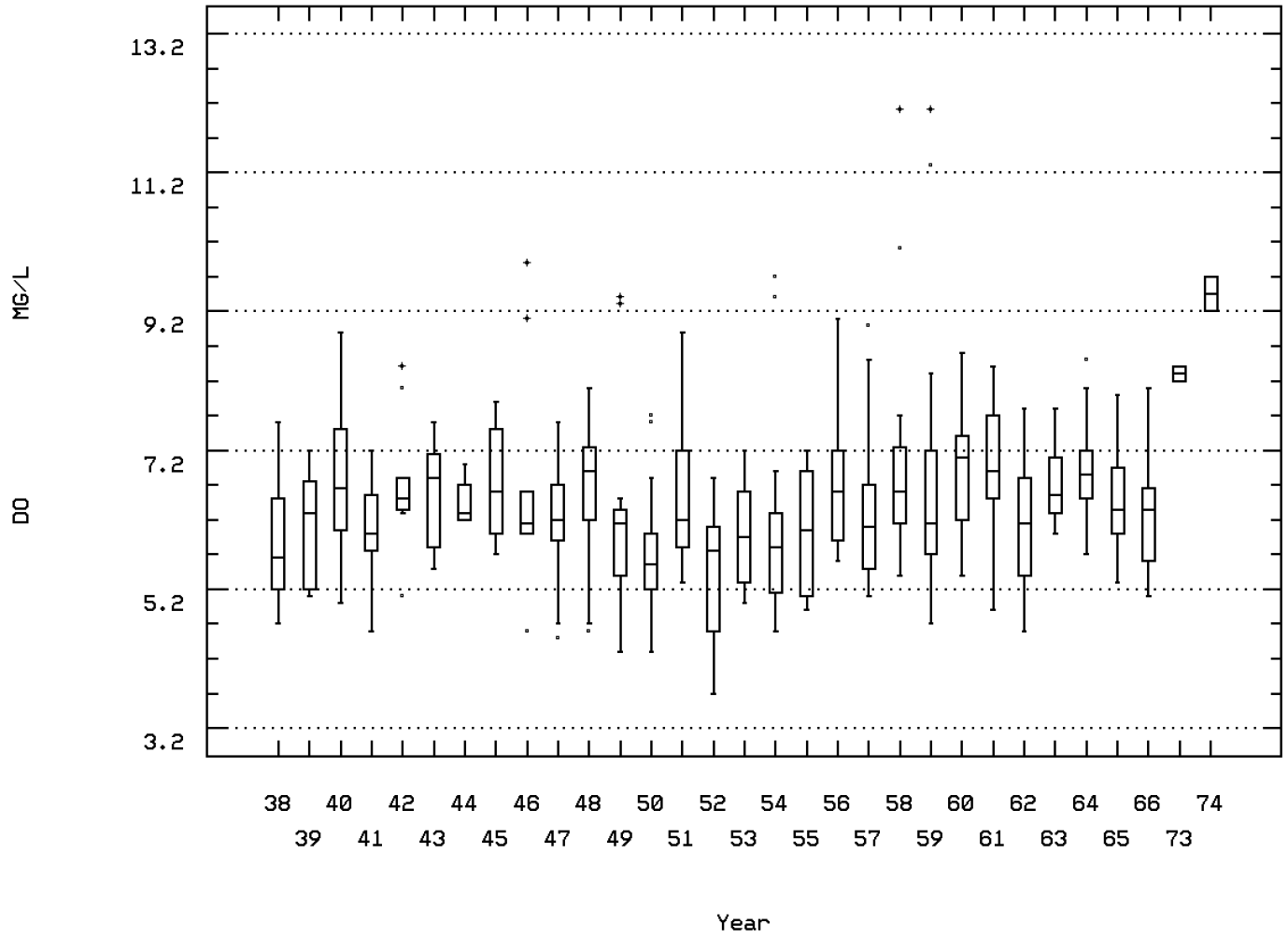
TEMPERATURE, WATER (DEGREES FAHRENHEIT)



ROCKAWAY INLET

Station: GATE0124 Parameter Code: 00300

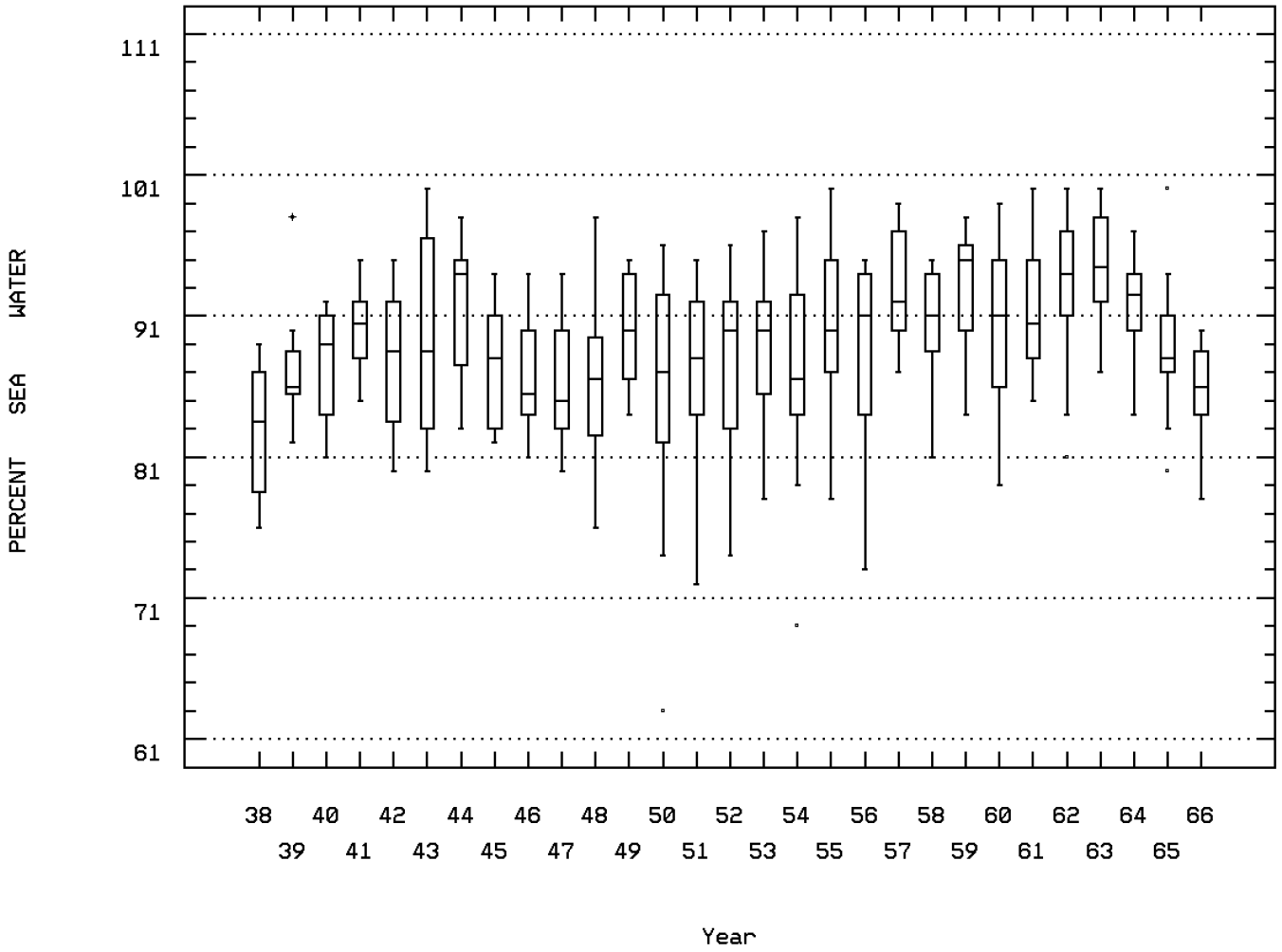
OXYGEN, DISSOLVED



ROCKAWAY INLET

Station: GATE0124 Parameter Code: 70307

SEA WATER, PERCENT



ROCKAWAY INLET

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0124

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/27/38-09/15/66	290	71.	70.866	80.	60.	12.414	3.523	66.	69.	73.	75.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/11/53-09/15/66	139	900.	2082.799	11000.	15.	8705261.061	2950.468	91.	200.	2400.	4600.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/11/53-09/15/66	139	2.954	2.883	4.041	1.176	0.455	0.675	1.959	2.301	3.38	3.663
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			764.625								
70307p	SEA WATER, PERCENT	07/27/38-09/15/66	290	90.	89.528	100.	63.	29.108	5.395	83.	86.	94.	96.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

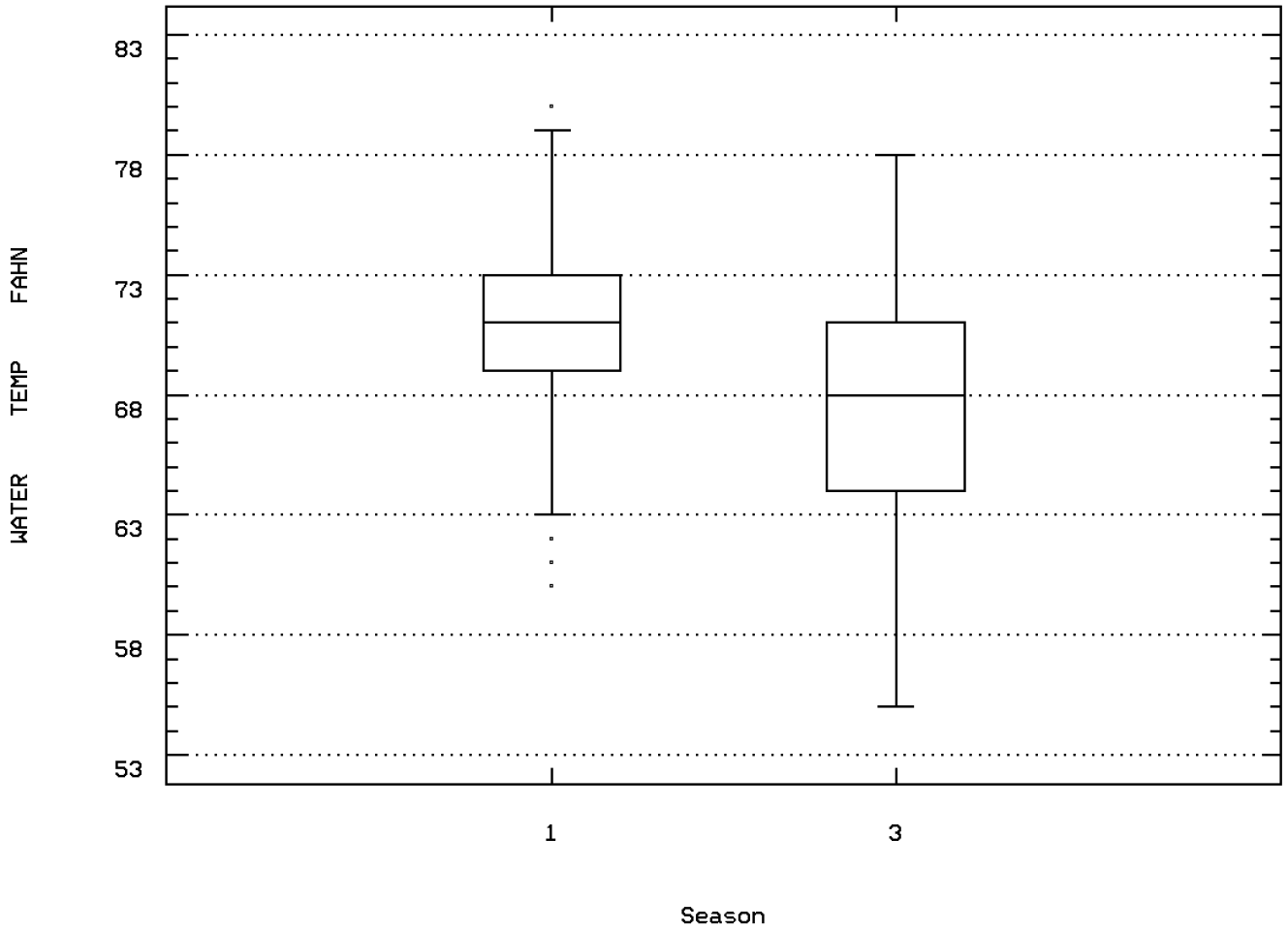
Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0124

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/27/38-09/15/66	256	68.	67.836	78.	55.	20.789	4.559	62.	64.	71.	73.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/11/53-09/15/66	134	400.	1964.97	15000.	15.	11985657.082	3462.031	36.	200.	2175.	10150.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/11/53-09/15/66	134	2.602	2.695	4.176	1.176	0.59	0.768	1.556	2.301	3.337	4.005
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			495.502								
70307p	SEA WATER, PERCENT	07/27/38-09/15/66	258	90.	89.31	100.	69.	31.896	5.648	82.	85.	94.	97.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: GATE0124 Parameter Code: 00011

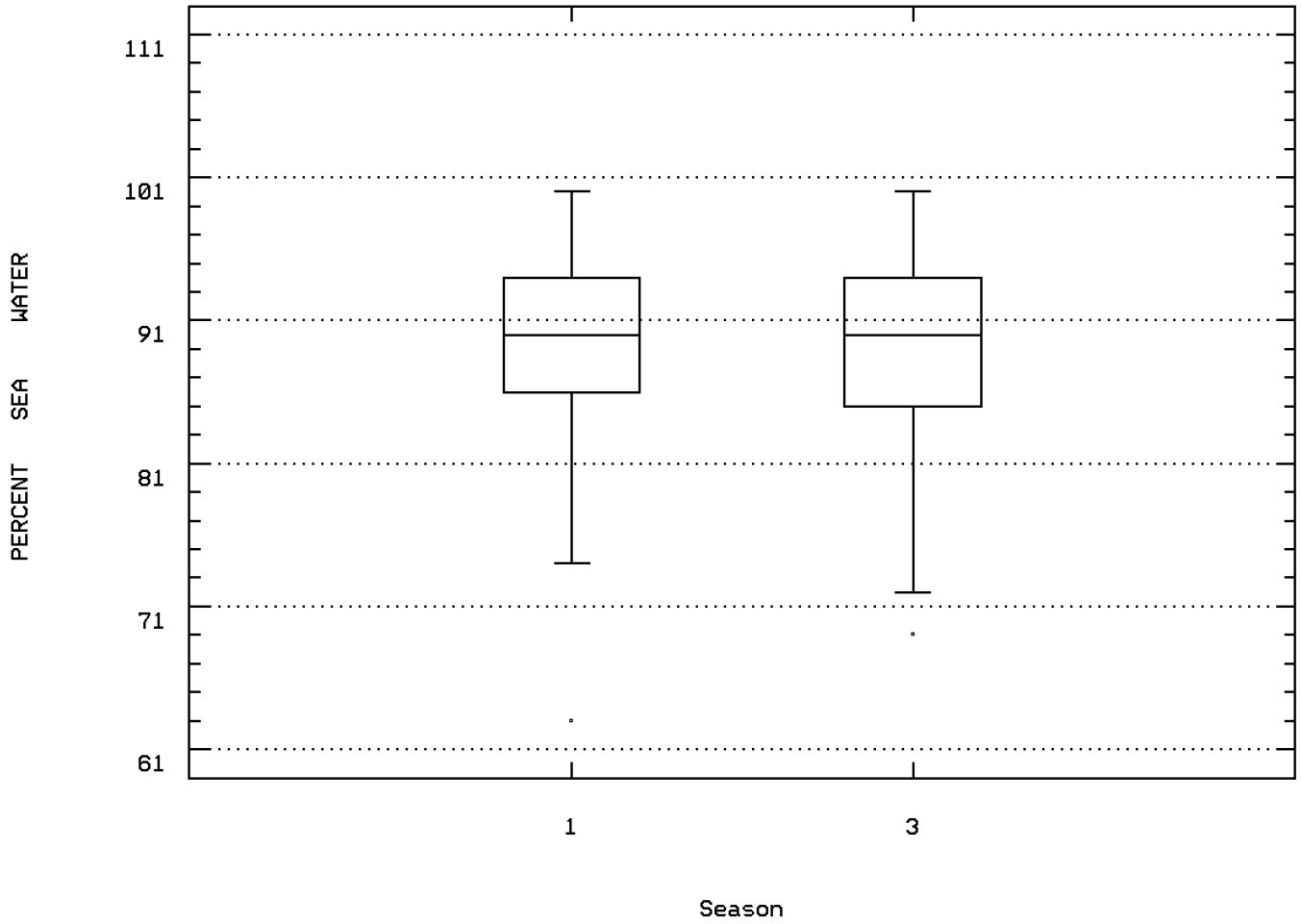
TEMPERATURE, WATER (DEGREES FAHRENHEIT)



ROCKAWAY INLET

Station: GATE0124 Parameter Code: 70307

SEA WATER, PERCENT



ROCKAWAY INLET

Station Inventory for Station: GATE0125

NPS Station ID: GATE0125 | LAT/LON: 40.557531/ -73.932338 | Agency: 11NPSWRD | Date Created: 01/07/97
Location: Breezy Point/Rockaway Inlet | FIPS State/County: 36081 NEW YORK/QUEENS
Station Type: /TYPA/AMBNT/ESTURY | STORET Station ID(s): GATE_JB-3A
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 02030202 | Depth of Water: 0 | Aquifer:
Major Basin: NORTHEAST | Elevation: 0 | Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METROPOLITAN AREA | ECO Region:
RF1 Index: 02030202 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 02030202104200.00 | RF3 Mile Point: 0.00 | Distance from RF3: 4.93 | On/Off RF3:
Description:
Station is located at Breezy Point adjacent to the NPS property line on Rockaway Inlet in the Breezy Point Unit of Gateway National Recreation Area. The station can be found on the USGS 7.5' Coney Island N.Y.-N.J. quadrangle. Samples were collected at this site from 1977-1979; thereafter samples were collected further out into Rockaway Inlet at GATE_JB-3. For additional information about the water quality data stored at this station; contact the Division of Natural Resources Gateway National Recreation Area - Building 210; Fort Wadsworth; Staten Island N.Y. 10305 (tel. 718-448-5505; fax. 718-448-4015). The park produces an Annual Report summarizing each year's monitoring activities. Data processed and uploaded to STORET by Dean Tucker; NPS Water Resources Division; 1201 Oak Ridge Drive Ste. 250; Fort Collins CO 80525 (tel. 970-225-3516; fax. 970-225-9965).

Parameter Inventory for Station: GATE0125

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/13/77-08/28/79	32	87.5	257.844	993.	0.	99708.91	315.767	10.	17.25	576.	825.4
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/13/77-08/28/79	32	1.938	1.915	2.997	0.	0.633	0.795	1.	1.217	2.757	2.915
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			82.297								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/16/77-08/29/79	27	50.	97.667	430.	0.	12860.	113.402	0.	3.	165.	282.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/16/77-08/29/79	27	1.699	1.442	2.633	0.	0.855	0.924	0.	0.477	2.217	2.45
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			27.701								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0125

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	32	0	0.00	9	0	0.00				23	0	0.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	27	5	0.19	11	3	0.27				16	2	0.13			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0126

NPS Station ID: GATE0126
LAT/LON: 40.588615/ -73.932781
Agency: 21350000
Date Created: / /
Location: CONEY ISLAND INF
FIPS State/County: 36000 NEW YORK/
Station Type: /TYPA/MUN/NTRTMT/OUTFL/LAKE
STORET Station ID(s): 403519007355580/807I
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030202
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-N.Y. METROPOLITAN AREA
ECO Region:
RF1 Index: 02030202028
RF1 Mile Point: 32.120
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02030202002709.04
RF3 Mile Point: 16.41
Distance from RF3: 0.10
On/Off RF3:
Description:
PLANT WAS OPENED IN 1935 AND HAS A PRESENT FLOW OF 76 MGD. IT SERVES SOUTH AND CENTRAL BROOKLYN (15,087 ACRES) WITH A CONNECTING POPULATION OF 600,000. PRESENT FACILITIES ARE MODIFIED AERATION, SLUDGE DIGESTION, POWER GENERATION AND CHLORINATION.
MONTHLY SUMMARIES OF DATA COLLECTED BY N.Y.C. DEPT. OF PUBLIC WORKS.

Parameter Inventory for Station: GATE0126

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GATE0127

NPS Station ID: GATE0127 LAT/LON: 40.582059/ -73.933531 Agency: 11NYCOR Date Created: 09/08/79
Location: SHEEPSHEAD BAY CHNL.NORTHEAST OF MANHATTAN BCH. FIPS State/County: 36047 NEW YORK/KINGS
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): NYCOR342
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02030202 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METRO AREA ECO Region:
RF1 Index: 02030202029 RF1 Mile Point: 6.300 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02030202002900.00 RF3 Mile Point: 2.50 Distance from RF3: 0.23 On/Off RF3:
Description:
NEW YORK CORPS OF ENGINEERS DREDGING STUDIES

Parameter Inventory for Station: GATE0127

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	01/31/72-01/31/72	1	289.	289.	289.	289.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	01/31/72-01/31/72	1	331.	331.	331.	331.	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	01/31/72-01/31/72	1	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GATE0128

NPS Station ID: GATE0128 LAT/LON: 40.547782/ -73.934726 Agency: 1111H030 Date Created: / /
Location: LONG ISLAND BEACHES FIPS State/County: 36081 NEW YORK/QUEENS
Station Type: /TYPA/AMBNT/OCEAN STORET Station ID(s): LIC01 /LIC1 /LIC-1
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 02030202 Depth of Water: 0 Aquifer:
Major Basin: ATLANTIC OCEAN Elevation: 0 Water Body Id:
Minor Basin: LONG ISLAND COAST-ROCKAWAY POINT ECO Region:
RF1 Index: 02030202027 RF1 Mile Point: 28.640 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02030202002709.04 RF3 Mile Point: 18.20 Distance from RF3: 0.11 On/Off RF3:
Description:
ROCKAWAY POINT. OFF LINK FENCE AT WEST SIDE OF BREEZY POINT SURF CLUB. (PRIVATE)

Parameter Inventory for Station: GATE0128

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/11/74-09/28/81	148	4.	159.48	16000.	0.	1751821.095	1323.564	0.	1.	17.	122.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/11/74-09/28/81	148	0.602	0.826	4.204	0.	0.692	0.832	0.	0.	1.23	2.086
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			6.702								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	302	0.	4.22	160.	0.	208.922	14.454	0.	0.	2.	8.7
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	302	0.	0.229	2.204	-0.301	0.209	0.457	0.	0.	0.301	0.939
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.695								
31649	ENTEROCOCCI- ME-MF N0/100ML	05/16/85-08/23/94	120	0.	0.758	22.	0.	6.739	2.596	0.	0.	0.	2.
31649	LOG ENTEROCOCCI- ME-MF N0/1	05/16/85-08/23/94	120	0.	0.069	1.342	0.	0.048	0.22	0.	0.	0.	0.301
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.172								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/20/77-08/20/77	1	2.	2.	2.	2.	0.	0.	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/20/77-08/20/77	1	0.301	0.301	0.301	0.301	0.	0.	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			2.								
71220	PSEUDOMONAS AERUGINOSA,MF IN WATER,MPA MED,/100ML	06/25/91-08/27/91	9	0.	0.222	2.	0.	0.444	0.667	0.	0.	0.	2.
71220	LOG PSEUDOMONAS AERUGINOSA,MF IN WATER,MPA MED,/10	06/25/91-08/27/91	9	0.	0.033	0.301	0.	0.01	0.1	0.	0.	0.	0.301
71220	GM PSEUDOMONAS AERUGINOSA,MF IN WATER,MPA MED,/100	GEOMETRIC MEAN =			1.08								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0128

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	148	3	0.02	54	1	0.02	17	1	0.06	77	1	0.01			
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	302	0	0.00	106	0	0.00	17	0	0.00	179	0	0.00			
31649	ENTEROCOCCI, ME, MF	Other-Hi Lim.	33.	120	0	0.00	37	0	0.00				83	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1974 - Station GATE0128

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/11/74-09/28/81	13	12.	16.	38.	5.	104.5	10.223	6.2	8.	23.	35.6
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/11/74-09/28/81	13	1.079	1.129	1.58	0.699	0.069	0.263	0.781	0.903	1.358	1.55
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			13.459								
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	13	6.	7.115	20.	0.5	29.673	5.447	0.7	3.5	9.	18.
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	13	0.778	0.699	1.301	-0.301	0.195	0.441	-0.181	0.54	0.952	1.251
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			4.996								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GATE0128

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/11/74-09/28/81	16	7.	29.938	148.	0.	2113.529	45.973	0.	1.	47.25	114.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/11/74-09/28/81	16	0.827	0.905	2.17	0.	0.621	0.788	0.	0.	1.65	2.051
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			8.03								
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	16	1.5	7.	32.	0.	134.	11.576	0.	0.	9.	29.9
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	16	0.151	0.427	1.505	0.	0.344	0.587	0.	0.	0.9	1.475
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			2.675								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station GATE0128

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/11/74-09/28/81	19	13.	967.105	16000.	0.	13332713.766	3651.399	0.	2.	212.	1240.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/11/74-09/28/81	19	1.114	1.347	4.204	0.	1.497	1.224	0.	0.301	2.326	3.093
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			22.252								
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	19	2.	11.526	84.	0.	477.152	21.844	0.	0.	11.	44.
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	19	0.301	0.533	1.924	0.	0.445	0.667	0.	0.	1.041	1.643
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			3.408								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GATE0128

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/11/74-09/28/81	40	3.5	60.575	660.	0.	20333.943	142.597	0.	2.	19.	230.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/11/74-09/28/81	40	0.54	0.884	2.82	0.	0.718	0.848	0.	0.301	1.27	2.357
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			7.662								
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	40	0.	9.75	84.	0.	448.141	21.169	0.	0.	6.25	43.1
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	40	0.	0.384	1.924	0.	0.429	0.655	0.	0.	0.784	1.634
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			2.424								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GATE0128

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/11/74-09/28/81	15	2.	11.733	80.	0.	482.781	21.972	0.	1.	12.	58.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/11/74-09/28/81	15	0.301	0.59	1.903	0.	0.398	0.631	0.	0.	1.079	1.747
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.891								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GATE0128

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	15	0.	1.733	19.	0.	23.638	4.862	0.	0.	1.	9.4
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	15	0.	0.137	1.279	0.	0.119	0.346	0.	0.	0.	0.798
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.371								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station GATE0128

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/11/74-09/28/81	19	4.	95.789	1580.	0.	130351.398	361.042	0.	2.	9.	152.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/11/74-09/28/81	19	0.602	0.757	3.199	0.	0.637	0.798	0.	0.301	0.954	2.182
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			5.714								
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	19	0.	12.053	160.	0.	1489.942	38.6	0.	0.	1.	63.
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	19	0.	0.242	2.204	0.	0.398	0.631	0.	0.	0.	1.799
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.747								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GATE0128

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/11/74-09/28/81	15	1.	4.867	40.	0.	115.267	10.736	0.	0.	3.	26.2
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/11/74-09/28/81	15	0.	0.301	1.602	0.	0.275	0.525	0.	0.	0.477	1.379
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.999								
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	15	0.	2.2	28.	0.	51.457	7.173	0.	0.	1.	12.4
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	15	0.	0.137	1.447	0.	0.143	0.378	0.	0.	0.	0.759
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.37								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station GATE0128

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/11/74-09/28/81	11	2.	4.455	22.	0.	39.873	6.314	0.2	1.	6.	19.2
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/11/74-09/28/81	11	0.301	0.4	1.342	0.	0.214	0.463	0.	0.	0.778	1.255
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.514								
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	11	0.	0.273	1.	0.	0.218	0.467	0.	0.	1.	1.
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station GATE0128

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	10	0.	0.7	5.	0.	2.678	1.636	0.	0.	0.5	4.7
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	10	0.	0.1	0.699	0.	0.053	0.231	0.	0.	0.075	0.659
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.259								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station GATE0128

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	13	0.	0.385	3.	0.	0.756	0.87	0.	0.	0.5	2.2
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	13	0.	0.037	0.477	0.	0.018	0.132	0.	0.	0.	0.286
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.088								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GATE0128

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	10	0.	0.7	4.	0.	1.789	1.337	0.	0.	1.25	3.8
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	10	0.	0.09	0.602	0.	0.041	0.203	0.	0.	0.075	0.572
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.231								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GATE0128

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	10	0.	1.6	14.	0.	19.156	4.377	0.	0.	1.	12.7
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	10	0.	0.115	1.146	0.	0.131	0.362	0.	0.	0.	1.032
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.302								
31649	ENTEROCOCCI- ME-MF N0/100ML	05/16/85-08/23/94	9	0.	1.333	10.	0.	10.75	3.279	0.	0.	1.	10.
31649	LOG ENTEROCOCCI- ME-MF N0/1	05/16/85-08/23/94	9	0.	0.111	1.	0.	0.111	0.333	0.	0.	0.	1.
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.292								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GATE0128

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	12	0.	0.5	4.	0.	1.545	1.243	0.	0.	0.	3.4
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	12	0.	0.075	0.602	0.	0.035	0.187	0.	0.	0.	0.512
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.189								
31649	ENTEROCOCCI- ME-MF N0/100ML	05/16/85-08/23/94	12	0.	1.333	12.	0.	12.061	3.473	0.	0.	0.75	9.3
31649	LOG ENTEROCOCCI- ME-MF N0/1	05/16/85-08/23/94	12	0.	0.13	1.079	0.	0.108	0.329	0.	0.	0.	0.899
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.348								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GATE0128

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	15	0.	0.6	4.	0.	1.4	1.183	0.	0.	1.	2.8
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	15	0.	0.08	0.602	0.	0.032	0.179	0.	0.	0.	0.421
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.203								
31649	ENTEROCOCCI- ME-MF N0/100ML	05/16/85-08/23/94	15	0.	0.333	2.	0.	0.524	0.724	0.	0.	0.	2.
31649	LOG ENTEROCOCCI- ME-MF N0/1	05/16/85-08/23/94	15	0.	0.04	0.301	0.	0.011	0.106	0.	0.	0.	0.301
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.097								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GATE0128

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	14	0.	0.643	3.	0.	1.016	1.008	0.	0.	1.25	2.5
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	14	0.	0.077	0.477	0.	0.025	0.158	0.	0.	0.075	0.389
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.194								
31649	ENTEROCOCCI- ME-MF N0/100ML	05/16/85-08/23/94	14	0.	0.429	3.	0.	0.725	0.852	0.	0.	1.	2.
31649	LOG ENTEROCOCCI- ME-MF N0/1	05/16/85-08/23/94	14	0.	0.034	0.477	0.	0.016	0.128	0.	0.	0.	0.239
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.082								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0128

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	8	2.	2.	4.	0.	2.	1.414	**	**	**	**
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	8	0.301	0.307	0.602	0.	0.048	0.218	**	**	**	**
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			2.03								
31649	ENTEROCOCCI- ME-MF N0/100ML	05/16/85-08/23/94	8	0.5	0.75	2.	0.	0.786	0.886	**	**	**	**
31649	LOG ENTEROCOCCI- ME-MF N0/1	05/16/85-08/23/94	8	0.	0.075	0.301	0.	0.019	0.139	**	**	**	**
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.189								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0128

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	10	0.	2.1	12.	0.	16.989	4.122	0.	0.	3.25	11.5
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	10	0.	0.223	1.079	0.	0.164	0.405	0.	0.	0.437	1.056
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.669								
31649	ENTEROCOCCI- ME-MF N0/100ML	05/16/85-08/23/94	10	0.	2.5	22.	0.	47.389	6.884	0.	0.	1.25	20.
31649	LOG ENTEROCOCCI- ME-MF N0/1	05/16/85-08/23/94	10	0.	0.164	1.342	0.	0.18	0.425	0.	0.	0.075	1.238
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.46								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0128

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	14	0.5	2.429	11.	0.	12.725	3.567	0.	0.	4.5	9.5
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	14	0.	0.272	1.041	0.	0.159	0.398	0.	0.	0.646	0.972
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.869								
31649	ENTEROCOCCI- ME-MF N0/100ML	05/16/85-08/23/94	14	0.	0.786	8.	0.	4.489	2.119	0.	0.	1.	4.5
31649	LOG ENTEROCOCCI- ME-MF N0/1	05/16/85-08/23/94	14	0.	0.065	0.903	0.	0.058	0.241	0.	0.	0.	0.452
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.16								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0128

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	14	0.	0.071	1.	0.	0.071	0.267	0.	0.	0.	0.5
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0128

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31649	ENTEROCOCCI- ME-MF N0/100ML	05/16/85-08/23/94	14	0.	0.286	2.	0.	0.527	0.726	0.	0.	0.	2.
31649	LOG ENTEROCOCCI- ME-MF N0/1	05/16/85-08/23/94	14	0.	0.043	0.301	0.	0.012	0.109	0.	0.	0.	0.301
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.104								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station GATE0128

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	11	0.	2.545	20.	0.	35.273	5.939	0.	0.	2.	16.8
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	11	0.	0.228	1.301	0.	0.167	0.408	0.	0.	0.301	1.161
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.689								
31649	ENTEROCOCCI- ME-MF N0/100ML	05/16/85-08/23/94	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31649	LOG ENTEROCOCCI- ME-MF N0/1	05/16/85-08/23/94	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

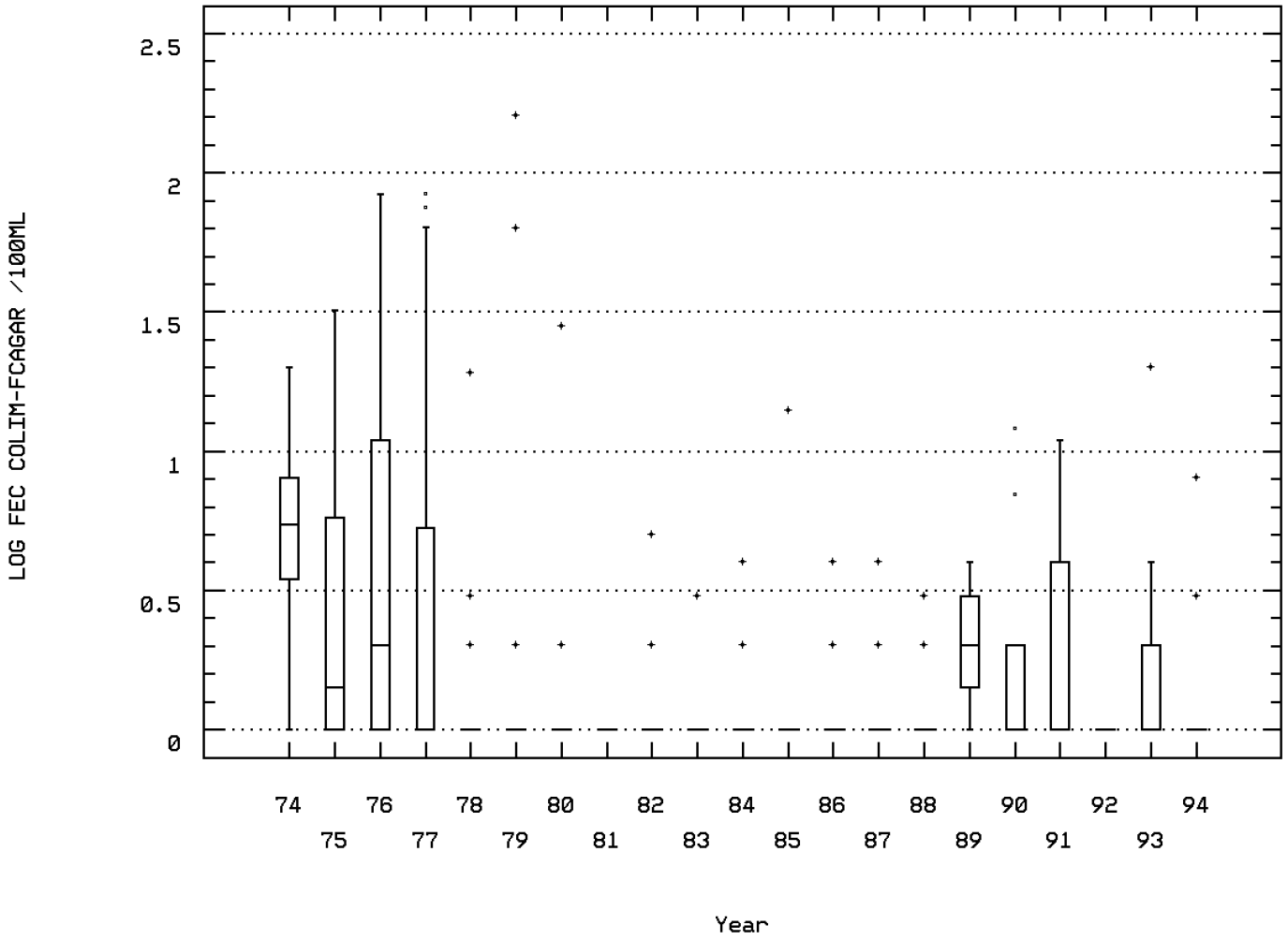
Annual Analysis for 1994 - Station GATE0128

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	13	0.	0.846	8.	0.	5.308	2.304	0.	0.	0.	6.
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	13	0.	0.106	0.903	0.	0.075	0.273	0.	0.	0.	0.733
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.277								
31649	ENTEROCOCCI- ME-MF N0/100ML	05/16/85-08/23/94	13	0.	0.462	4.	0.	1.436	1.198	0.	0.	0.	3.2
31649	LOG ENTEROCOCCI- ME-MF N0/1	05/16/85-08/23/94	13	0.	0.069	0.602	0.	0.033	0.18	0.	0.	0.	0.482
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.173								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: GATE0128 Parameter Code: 31613

LOG FECAL COLIFORM,MEMBR FILTER,M-FC AG



LONG ISLAND BEACHES

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0128

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/11/74-09/28/81	54	8.	48.426	1580.	0.	46255.721	215.071	1.	3.	21.25	90.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/11/74-09/28/81	54	0.903	0.906	3.199	0.	0.454	0.674	0.	0.477	1.327	1.952
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			8.051								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	106	0.25	4.58	160.	0.	316.244	17.783	0.	0.	2.	8.6
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	106	-0.151	0.249	2.204	-0.301	0.195	0.441	0.	0.	0.301	0.932
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.773								
31649	ENTEROCOCCI- ME-MF N0/100ML	05/16/85-08/23/94	37	0.	0.486	3.	0.	0.868	0.932	0.	0.	0.5	2.
31649	LOG ENTEROCOCCI- ME-MF N0/1	05/16/85-08/23/94	37	0.	0.066	0.477	0.	0.021	0.144	0.	0.	0.	0.301
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.165								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0128

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/11/74-09/28/81	17	100.	180.529	1240.	1.	87332.265	295.52	3.4	13.5	218.	584.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/11/74-09/28/81	17	2.	1.748	3.093	0.	0.678	0.824	0.482	1.115	2.338	2.717
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			55.975								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	17	28.	27.118	84.	0.	640.36	25.305	0.	2.5	42.	76.8
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	17	1.447	1.109	1.924	0.	0.466	0.683	0.	0.389	1.623	1.885
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			12.859								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0128

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/11/74-09/28/81	77	2.	232.714	16000.	0.	3323451.917	1823.034	0.	0.5	8.	38.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/11/74-09/28/81	77	0.301	0.567	4.204	0.	0.617	0.786	0.	0.	0.903	1.584
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.688								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/11/74-08/23/94	179	0.	1.832	84.	0.	53.298	7.301	0.	0.	1.	4.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/11/74-08/23/94	179	0.	0.134	1.924	0.	0.113	0.337	0.	0.	0.	0.602
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.362								
31649	ENTEROCOCCI- ME-MF N0/100ML	05/16/85-08/23/94	83	0.	0.88	22.	0.	9.351	3.058	0.	0.	0.	1.6
31649	LOG ENTEROCOCCI- ME-MF N0/1	05/16/85-08/23/94	83	0.	0.07	1.342	0.	0.061	0.247	0.	0.	0.	0.181
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.176								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0129

NPS Station ID: GATE0129
LAT/LON: 40.545004/ -73.934726
Agency: 1111H030
Date Created: / /
Location: 400YDS OFF SHORE AND STA LIC01
FIPS State/County: 36081 NEW YORK/QUEENS
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): LIC01B /LIC-01B /LIC1B /LIC-1B
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02030202
Depth of Water: 14
Aquifer:
Major Basin: ATLANTIC OCEAN
Elevation: 0
Water Body Id:
Minor Basin: OFF L I BEACHES AT ROCKAWAY POINT
ECO Region:
RF1 Index: 02030202028
RF1 Mile Point: 0.090
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02030202002709.04
RF3 Mile Point: 40.39
Distance from RF3: 0.04
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0129

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/01/74-05/18/77	16	13.9	12.725	21.6	1.2	39.601	6.293	1.2	8.325	17.675	21.18
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/01/74-03/08/77	12	35150.	34058.333	41200.	23000.	32944469.697	5739.727	23120.	32700.	37000.	41170.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/01/74-08/05/74	8	44307.5	44428.	47321.	42361.	2905874.286	1704.663	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/01/74-05/18/77	14	8.3	8.086	11.6	4.5	4.072	2.018	5.1	6.6	9.55	11.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/08/77-05/18/77	4 ##	0.005	0.006	0.01	0.005	0.	0.003	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/08/77-05/18/77	3 ##	0.005	0.004	0.005	0.003	0.	0.001	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/08/77-05/18/77	4 ##	0.02	0.02	0.029	0.01	0.	0.011	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/08/77-05/18/77	4	0.024	0.024	0.026	0.021	0.	0.003	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/08/77-05/18/77	4	2.	2.075	2.5	1.8	0.096	0.31	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/18/77-05/18/77	2	16330.	16330.	16410.	16250.	12800.	113.137	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	03/08/77-05/18/77	4	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	07/11/74-09/23/74	3	0.6	0.667	0.8	0.6	0.013	0.115	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/11/74-03/24/76	6 ##	0.375	0.683	1.5	0.1	0.417	0.645	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/11/74-03/24/76	7	5.	4.2	5.3	2.5	1.56	1.249	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	07/11/74-03/24/76	7	2.5	2.636	5.	0.4	2.639	1.624	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	07/11/74-03/24/76	7 ##	6.	10.229	25.	1.5	104.616	10.228	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/11/74-03/24/76	7 ##	4.1	3.914	5.	1.9	1.605	1.267	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/01/74-05/18/77	23	8.	202.739	2210.	2.	241612.383	491.541	3.2	5.	172.	790.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	05/01/74-05/18/77	23	0.903	1.411	3.344	0.301	0.781	0.884	0.46	0.699	2.236	2.898
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			25.75								
31521	COLIFORM,TOT,MPN,IN BOT DEPOS,CONFIRM (MPN/100G)	05/01/74-03/24/76	8	410.	5726.25	34800.	10.	145195226.786	12049.698	**	**	**	**
31521	LOG COLIFORM,TOT,MPN,IN BOT DEPOS,CONFIRM (MPN/100	05/01/74-03/24/76	8	2.604	2.624	4.542	1.	1.582	1.258	**	**	**	**
31521	GM COLIFORM,TOT,MPN,IN BOT DEPOS,CONFIRM (MPN/100G	GEOMETRIC MEAN =			420.764								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/01/74-05/18/77	23	5.	84.652	1090.	1.	54499.783	233.452	1.	1.	22.	266.8
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/01/74-05/18/77	23	0.699	0.88	3.037	0.	0.9	0.949	0.	0.	1.342	2.405
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.593								
31641	FECAL COLIFORM,MPN IN BOT DEPOS,EC MED (MPN/100G)	05/01/74-03/24/76	8	45.	545.	1720.	10.	595800.	771.881	**	**	**	**
31641	LOG FECAL COLIFORM,MPN IN BOT DEPOS,EC MED (MPN/10	05/01/74-03/24/76	8	1.573	1.977	3.236	1.	0.979	0.99	**	**	**	**
31641	GM FECAL COLIFORM,MPN IN BOT DEPOS,EC MED (MPN/100	GEOMETRIC MEAN =			94.838								
70305	SALINITY BASED ON CONDUCTIVITY	05/01/74-03/08/77	12	28.8	28.433	30.4	26.2	1.779	1.334	26.29	27.2	29.45	30.16
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/08/77-05/18/77	4	0.015	0.013	0.018	0.005	0.	0.006	**	**	**	**
71202	SALMONELLA FROM SEDIMENTS, INOC 1=PRESENT,0=ABS.	09/23/74-09/23/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71202	LOG SALMONELLA FROM SEDIMENTS, INOC 1=PRESENT,0=AB	09/23/74-09/23/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71202	GM SALMONELLA FROM SEDIMENTS, INOC 1=PRESENT,0=ABS	GEOMETRIC MEAN =			1.								
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	07/11/74-09/23/74	3	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
71975	ORGANICS IN SEDIMENT GRAVIMETRICCORR.FOR H2O,MG/KG	07/11/74-03/24/76	7	5920.	6850.857	16700.	2550.	21586871.81	4646.167	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0129

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	14	0	0.00	4	0	0.00	2	0	0.00	8	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	23	1	0.04	6	0	0.00	5	0	0.00	12	1	0.08			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	23	2	0.09	6	0	0.00	5	0	0.00	12	2	0.17			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0130

NPS Station ID: GATE0130 LAT/LON: 40.547782/ -73.934726 Agency: 11NYBGHT Date Created: 04/06/96
Location: NEW YORK CITY BEACHES- ROCKAWAY POINT FIPS State/County: 36081 NEW YORK/QUEENS
Station Type: /TYPA/AMBNT/OCEAN/NRSHRE/NET STORET Station ID(s): LIC01 /LIC1 /LIC-1
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 02030202 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON- NEW YORK METRO AREA ECO Region:
RF1 Index: 02030202027 RF1 Mile Point: 28.640 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:
ATLANTIC OCEAN- NEW YORK BIGHT SURVEILLANCE NETWORK(CURRENT) ROCKAWAY POINT. OFF LINK FENCE AT WEST SIDE OF BREEZY POINT SURF CLUB. (PRIVATE)

Parameter Inventory for Station: GATE0130

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	05/25/95-08/27/96	23	0.	3.261	40.	0.	68.656	8.286	0.	0.	4.	6.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	05/25/95-08/27/96	23	0.	0.288	1.602	0.	0.169	0.411	0.	0.	0.602	0.778
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.94								
31649	ENTEROCOCCI- ME-MF N0/100ML	05/30/95-08/27/96	21	0.	0.905	14.	0.	9.79	3.129	0.	0.	0.	3.4
31649	LOG ENTEROCOCCI- ME-MF N0/1	05/30/95-08/27/96	21	0.	0.083	1.146	0.	0.077	0.277	0.	0.	0.	0.482
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.211								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0130

				Total	Exceed	Prop.	----------8/01-10/31----------			----------11/01-3/31----------			----------4/01-7/31----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	23	0	0.00	7	0	0.00				16	0	0.00			
31649	ENTEROCOCCI, ME, MF	Other-Hi Lim.	33.	21	0	0.00	7	0	0.00				14	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0131

NPS Station ID: GATE0131
LAT/LON: 40.566670/ -73.936670
Agency: REGII208
Date Created: 05/25/78
Location: ROCKAWAY INLET
FIPS State/County: 36047 NEW YORK/KINGS
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): NYC001B3 /B3
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030202
Depth of Water: 13
Aquifer:
Major Basin: BETWEEN CAN 1&RED BUOY 2
Elevation: 0
Water Body Id:
Minor Basin: W OF CONEY IS. STP OUTFALL
ECO Region:
RF1 Index: 02030202029
RF1 Mile Point: 7.290
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02030202002709.04
RF3 Mile Point: 14.25
Distance from RF3: 0.22
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0131

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/17/75-07/18/77	68	14.9	15.007	22.6	4.3	10.077	3.174	13.39	14.05	16.	18.51
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/17/75-06/12/77	58	33900.	34034.483	39000.	28100.	4832123.412	2198.209	31800.	32275.	35000.	37270.
00300	OXYGEN, DISSOLVED MG/L	09/17/75-07/18/77	68	6.9	7.071	9.8	5.7	0.487	0.698	6.4	6.725	7.3	7.82
00310	BOD, 5 DAY, 20 DEG C MG/L	09/17/75-07/18/77	19	1.1	1.568	7.6	0.9	2.193	1.481	0.9	1.1	1.5	1.7
00400	PH (STANDARD UNITS)	09/17/75-12/16/76	6	7.95	7.883	8.1	7.5	0.046	0.214	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/17/75-12/16/76	6	7.947	7.834	8.1	7.5	0.049	0.221	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/17/75-12/16/76	6	0.011	0.015	0.032	0.008	0.	0.009	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/06/77-06/12/77	10	104.	104.	108.	100.	5.778	2.404	100.2	102.	105.5	107.9
00480	SALINITY - PARTS PER THOUSAND	09/17/75-06/12/77	58	27.45	27.198	30.5	24.	2.825	1.681	25.	25.575	28.55	29.22
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/17/75-07/18/77	22	4.	10.682	141.	1.	849.465	29.146	3.	3.75	6.	7.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/17/75-07/18/77	9	0.16	0.182	0.4	0.065	0.012	0.111	0.065	0.083	0.263	0.4
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/17/75-07/18/77	9	0.025	0.067	0.248	0.008	0.006	0.077	0.008	0.021	0.105	0.248
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/17/75-07/18/77	9	0.04	0.06	0.18	0.008	0.003	0.057	0.008	0.022	0.093	0.18
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/17/75-07/18/77	9	0.46	0.608	1.18	0.35	0.09	0.3	0.35	0.4	0.85	1.18
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/17/75-07/18/77	9	0.15	0.205	0.35	0.08	0.013	0.116	0.08	0.098	0.324	0.35
00940	CHLORIDE,TOTAL IN WATER MG/L	09/24/75-07/18/77	11	16800.	16872.727	17800.	16200.	244181.818	494.148	16240.	16500.	17000.	17780.
01027	CADMIUM, TOTAL (UG/L AS CD)	12/06/76-12/06/76	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	12/06/76-12/06/76	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	12/06/76-12/06/76	1	9.	9.	9.	9.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	12/06/76-12/06/76	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	12/06/76-12/06/76	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	12/06/76-12/06/76	1	18.	18.	18.	18.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/17/75-07/18/77	31	3300.	9099.677	54000.	130.	219182136.559	14804.801	330.	790.	7900.	35000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/17/75-07/18/77	31	3.519	3.462	4.732	2.114	0.501	0.708	2.519	2.898	3.898	4.544
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			2896.331								
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	09/17/75-07/18/77	31	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	09/17/75-07/18/77	31	0.699	0.699	0.699	0.699	0.	0.	0.699	0.699	0.699	0.699
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			5.								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	09/17/75-07/18/77	31	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	09/17/75-07/18/77	31	0.699	0.699	0.699	0.699	0.	0.	0.699	0.699	0.699	0.699
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			5.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/17/75-07/18/77	31	330.	1313.871	13000.	10.	6186171.183	2487.201	20.	140.	1700.	3300.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/17/75-07/18/77	31	2.519	2.575	4.114	1.	0.588	0.767	1.301	2.146	3.23	3.519
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			376.								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/17/75-07/18/77	9	0.061	0.062	0.089	0.04	0.	0.015	0.04	0.05	0.076	0.089
71900	MERCURY, TOTAL (UG/L AS HG)	12/06/76-12/06/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0131

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	68	0	0.00	8	0	0.00	24	0	0.00	36	0	0.00			
00400	PH	Other-Hi Lim.	9.	6	0	0.00	4	0	0.00	2	0	0.00						
		Other-Lo Lim.	6.5	6	0	0.00	4	0	0.00	2	0	0.00						
01027	CADMIUM, TOTAL	Marine Acute	43.	1	0	0.00				1	0	0.00						
01042	COPPER, TOTAL	Marine Acute	2.9	1	1	1.00				1	1	1.00						
01051	LEAD, TOTAL	Marine Acute	220.	1	0	0.00				1	0	0.00						
01067	NICKEL, TOTAL	Marine Acute	75.	1	0	0.00				1	0	0.00						
01092	ZINC, TOTAL	Marine Acute	95.	1	0	0.00				1	0	0.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	31	22	0.71	4	2	0.50	12	12	1.00	15	8	0.53			
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	31	0	0.00	4	0	0.00	12	0	0.00	15	0	0.00			
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	31	0	0.00	4	0	0.00	9	0	0.00	18	0	0.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	31	21	0.68	4	3	0.75	9	9	1.00	18	9	0.50			
71900	MERCURY, TOTAL	Marine Acute	2.1	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0132

NPS Station ID: GATE0132
LAT/LON: 40.568142/ -73.937449
Agency: 11NPSWRD
Date Created: 12/21/96
Location: Rockaway Inlet
FIPS State/County: 36047 NEW YORK/KINGS
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): GATE_JB-3 /RI-3
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030202
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METROPOLITAN AREA
ECO Region:
RF1 Index: 02030202
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
Station is located in the middle of Rockaway Inlet between Rockaway Point and Manhattan Beach. The station can be found on the USGS 7.5 minute Coney Island N.Y.-N.J. quadrangle. To reach the site: Drive boat to Rockaway Inlet between Rockaway Point and Manhattan Beach. Take the sample in close proximity to the Kingsborough Community College Beach near Nun (green) marker #1. Any data recorded with a depth of 999 indicates that the sample was collected at the bottom. Data recorded with a depth of 0 indicates that the sample was collected at the surface. For additional information on the water quality data stored at this station; contact the Division of Natural Resources at Gateway National Recreation Area - Building 210; Fort Wadsworth; Staten Island N.Y. 10305 (tel. 718-448-5505; fax. 718-448-4015). The park produces an Annual Report summarizing each year's monitoring activities. Data uploaded to STORET by Dean Tucker; NPS WRD; 1201 Oak Ridge Drive Ste. 250; Fort Collins CO 80525 (tel. 970-225-3516).

Parameter Inventory for Station: GATE0132

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/26/96	220	20.45	19.287	26.4	0.6	16.606	4.075	13.94	17.325	22.	23.1
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/28/92-08/26/96	73	22.	21.955	34.	6.7	28.827	5.369	14.4	19.75	25.6	28.
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/28/92-08/26/96	40	2.515	2.684	6.	1.53	0.753	0.868	1.83	1.98	3.05	3.726
00080	COLOR (PLATINUM-COBALT UNITS)	06/07/83-08/30/83	12	20.	18.333	30.	10.	42.424	6.513	10.	11.25	23.75	28.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/24/89-08/26/96	214	37800.	37112.15	45400.	20500.	21162856.391	4600.31	31000.	34500.	40100.	42400.
00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/26/96	201	7.1	7.21	18.7	1.5	5.814	2.411	4.5	5.8	8.5	9.88
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/12/83-08/30/83	4	87.5	84.5	120.	43.	1204.333	34.704	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/01/83-08/30/83	14	7.9	7.864	8.2	7.5	0.039	0.198	7.5	7.775	8.	8.1
00403	CONVERTED PH, LAB, STANDARD UNITS	06/01/83-08/30/83	14	7.9	7.819	8.2	7.5	0.042	0.204	7.5	7.775	8.	8.1
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/01/83-08/30/83	14	0.013	0.015	0.032	0.006	0.	0.008	0.008	0.01	0.017	0.032
00406	PH, FIELD, STANDARD UNITS SU	05/24/89-08/26/96	192	7.91	7.903	8.8	6.64	0.12	0.347	7.419	7.7	8.1	8.3
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/24/89-08/26/96	192	7.91	7.751	8.8	6.64	0.143	0.378	7.419	7.7	8.1	8.3
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/24/89-08/26/96	192	0.012	0.018	0.229	0.002	0.	0.021	0.005	0.008	0.02	0.038
00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/26/96	224	26.25	25.873	35.8	17.	8.904	2.984	21.85	23.825	27.9	29.7
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/31/94-09/26/94	25	0.2	1.192	10.	0.	4.729	2.175	0.	0.	1.65	3.7
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/09/83-08/23/83	2	0.026	0.026	0.04	0.012	0.	0.02	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/26/83-08/30/83	4	0.002	0.003	0.01	0.	0.	0.005	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/01/94-08/26/96	40	0.05	0.072	0.3	0.	0.005	0.071	0.	0.013	0.108	0.198
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/31/94-08/26/96	45	0.34	0.953	2.5	0.04	1.029	1.014	0.05	0.09	2.	2.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GATE0132

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00940	CHLORIDE,TOTAL IN WATER MG/L	06/01/83-08/23/83	12	16623.5	16379.417	18071.	14729.	1193742.083	1092.585	14729.	15221.	17136.75	17900.9
01042	COPPER, TOTAL (UG/L AS CU)	01/31/94-09/26/94	25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/26/96	276	145.	726.728	20561.	0.	4205148.731	2050.646	0.	26.25	548.5	1745.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/26/96	276	2.161	1.924	4.313	0.	1.283	1.133	0.	1.419	2.739	3.242
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			83.963								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/01/83-08/30/83	14	1600.	4940.357	24000.	2.	71073328.247	8430.5	2.	27.5	4925.	24000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/01/83-08/30/83	14	3.204	2.636	4.38	0.301	2.008	1.417	0.301	1.374	3.649	4.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			432.42								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/01/83-08/30/83	14	310.	1923.5	16000.	2.	17386732.269	4169.74	2.	21.5	1875.	9400.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/01/83-08/30/83	14	2.489	2.289	4.204	0.301	1.587	1.26	0.301	1.248	3.268	3.826
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			194.531								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	280	2.	197.764	16800.	0.	1178029.785	1085.371	0.	0.	64.5	341.3
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	280	0.301	0.946	4.225	0.	1.177	1.085	0.	0.	1.81	2.533
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			8.838								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	09/08/83-08/12/96	46	1.795	3.082	21.38	0.	20.791	4.56	0.	0.	4.183	9.432
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	01/31/94-08/26/96	47 ##	0.025	0.057	1.	0.	0.022	0.15	0.	0.	0.025	0.12
50064	CHLORINE, FREE AVAILABLE (MG/L)	01/31/94-08/26/96	47 ##	0.025	0.057	1.	0.	0.022	0.15	0.	0.	0.025	0.12
50066	CHLORINE, COMBINED AVAILABLE (MG/L)	01/31/94-09/26/94	23	0.	0.009	0.1	0.	0.001	0.029	0.	0.	0.	0.06
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/09/83-09/08/83	4	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0132

				Total	Exceed	Prop.	----------8/01-10/31----------			----------11/01-3/31----------			----------4/01-7/31----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	201	19	0.09	62	15	0.24	3	0	0.00	136	4	0.03			
00403	PH, LAB	Other-Hi Lim.	9.	14	0	0.00	5	0	0.00				9	0	0.00			
		Other-Lo Lim.	6.5	14	0	0.00	5	0	0.00				9	0	0.00			
00406	PH, FIELD	Other-Hi Lim.	8.5	192	10	0.05	51	1	0.02	4	0	0.00	137	9	0.07			
		Other-Lo Lim.	6.5	192	0	0.00	51	0	0.00	4	0	0.00	137	0	0.00			
01042	COPPER, TOTAL	Marine Acute	2.9	25	0	0.00	6	0	0.00	4	0	0.00	15	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	276	41	0.15	82	11	0.13	4	0	0.00	190	30	0.16			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	14	8	0.57	5	4	0.80				9	4	0.44			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	14	8	0.57	5	3	0.60				9	5	0.56			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	280	40	0.14	84	13	0.15	4	1	0.25	192	26	0.14			
50060	CHLORINE, TOTAL RESIDUAL	Marine Acute	0.013	22 &	8	0.36	4	4	1.00	3	2	0.67	15	2	0.13			
50064	CHLORINE, FREE AVAILABLE	Marine Acute	0.013	22 &	8	0.36	4	4	1.00	3	2	0.67	15	2	0.13			
50066	CHLORINE, COMBINED AVAILABLE	Marine Acute	0.013	23	2	0.09	4	1	0.25	4	0	0.00	15	1	0.07			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1980 - Station GATE0132

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/26/96	9	100.	322.111	1367.	0.	195037.111	441.63	0.	22.	461.	1367.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/26/96	9	2.	1.909	3.136	0.	0.985	0.993	0.	1.28	2.663	3.136
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			81.023								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	9	0.	19.222	100.	0.	1262.444	35.531	0.	0.	36.5	100.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	9	0.	0.553	2.	0.	0.727	0.853	0.	0.	1.489	2.
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.574								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station GATE0132

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/26/96	7	157.	435.286	1200.	3.	256484.905	506.443	**	**	**	**
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/26/96	7	2.196	2.103	3.079	0.477	0.899	0.948	**	**	**	**
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			126.847								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	9	37.	126.778	410.	0.	25011.694	158.151	0.	10.	263.5	410.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	9	1.568	1.533	2.613	0.	0.966	0.983	0.	0.651	2.384	2.613
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			34.112								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station GATE0132

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/26/96	15	90.	238.067	1077.	0.	115262.924	339.504	7.8	33.	289.	967.2
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/26/96	15	1.954	1.924	3.032	0.	0.585	0.765	0.668	1.519	2.461	2.984
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			84.012								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	15	17.	45.467	219.	0.	4535.695	67.348	0.	0.	85.	181.8
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	15	1.23	1.038	2.34	0.	0.756	0.869	0.	0.	1.929	2.254
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			10.913								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station GATE0132

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/26/96	6	22.5	22.	24.	20.	2.8	1.673	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/26/96	6	5.95	6.467	9.8	3.3	5.203	2.281	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/26/96	12	30.05	29.433	32.6	26.5	4.582	2.141	26.53	26.75	30.95	32.3
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/26/96	14	672.5	1917.714	6690.	1.5	4975731.335	2230.635	2.	76.5	3775.	5895.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/26/96	14	2.826	2.58	3.825	0.176	1.429	1.195	0.287	1.849	3.576	3.766
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			379.766								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	14	443.	966.643	4200.	1.5	1885895.44	1373.279	1.5	23.	1210.	3990.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	14	2.646	2.194	3.623	0.176	1.507	1.228	0.176	1.183	3.076	3.6
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			156.347								

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Annual Analysis for 1984 - Station GATE0132

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/26/96	12	376.	2598.417	15400.	10.	21477817.174	4634.417	14.8	44.75	4900.	12670.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/26/96	12	2.504	2.567	4.188	1.	1.08	1.039	1.124	1.615	3.617	4.071
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			368.774								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	12	10.5	216.75	1320.	0.	160280.023	400.35	0.	0.	232.5	1129.2
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	12	0.977	1.227	3.121	0.	1.564	1.251	0.	0.	2.364	3.035
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			16.869								

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Annual Analysis for 1985 - Station GATE0132

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/26/96	13	420.	2204.308	14400.	15.	16855599.231	4105.557	20.6	79.	2267.5	11306.4
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/26/96	13	2.623	2.642	4.158	1.176	0.817	0.904	1.291	1.887	3.338	4.025
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			438.51								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	14	7.	38.143	342.	0.	8055.363	89.752	0.	0.	24.	209.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	14	0.845	0.905	2.534	0.	0.626	0.791	0.	0.	1.38	2.207
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			8.033								

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Annual Analysis for 1986 - Station GATE0132

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/26/96	13	107.	179.692	839.	7.	55468.897	235.518	8.2	25.5	230.5	683.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/26/96	13	2.029	1.901	2.924	0.845	0.398	0.631	0.907	1.402	2.345	2.815
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			79.62								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	13	39.	1332.462	16800.	0.	21601098.936	4647.698	0.	1.	80.5	10149.6
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	13	1.591	1.316	4.225	0.	1.497	1.224	0.	0.151	1.906	3.431
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			20.712								

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Annual Analysis for 1987 - Station GATE0132

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/26/96	14	70.5	149.5	536.	0.	34246.115	185.057	1.	17.75	220.75	515.5
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/26/96	14	1.818	1.668	2.729	0.	0.752	0.867	0.151	1.182	2.316	2.712
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			46.511								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	14	3.5	20.786	206.	0.	2960.027	54.406	0.	0.	11.25	119.5
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	14	0.5	0.6	2.314	0.	0.526	0.725	0.	0.	0.894	1.916
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.985								

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Annual Analysis for 1988 - Station GATE0132

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/26/96	14	158.5	482.286	3696.	0.	908673.297	953.244	5.5	15.5	545.5	2148.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/26/96	14	2.18	2.028	3.568	0.	0.892	0.945	0.521	1.183	2.737	3.173
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			106.583								

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Annual Analysis for 1988 - Station GATE0132

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	14	16.5	107.143	1034.	0.	74379.978	272.727	0.	0.	71.	622.5
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	14	1.192	1.105	3.015	0.	0.983	0.991	0.	0.	1.849	2.669
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			12.745								

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Annual Analysis for 1989 - Station GATE0132

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/26/96	22	20.2	18.836	22.2	12.4	9.134	3.022	13.59	17.025	21.5	21.95
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/24/89-08/26/96	22	43050.	41959.091	45300.	34300.	11234913.42	3351.852	35660.	39850.	44650.	45140.
00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/26/96	16	7.65	8.05	10.8	5.9	2.287	1.512	6.25	6.8	9.45	10.03
00406	PH, FIELD, STANDARD UNITS SU	05/24/89-08/26/96	20	7.5	7.62	8.2	7.1	0.139	0.372	7.2	7.3	8.1	8.1
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/24/89-08/26/96	20	7.5	7.491	8.2	7.1	0.156	0.395	7.2	7.3	8.1	8.1
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/24/89-08/26/96	20	0.032	0.032	0.079	0.006	0.	0.022	0.008	0.008	0.05	0.063
00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/26/96	22	25.7	25.191	28.	21.1	4.409	2.1	22.06	23.475	26.9	27.77
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/26/96	15	551.	2397.4	20561.	29.	29448283.971	5426.627	71.	121.	1247.	13169.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/26/96	15	2.741	2.716	4.313	1.462	0.559	0.748	1.782	2.083	3.096	4.075
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			520.034								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	15	0.	68.133	335.	0.	10321.981	101.597	0.	0.	134.	255.8
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	15	0.	0.958	2.525	0.	1.179	1.086	0.	0.	2.127	2.395
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			9.079								

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Annual Analysis for 1990 - Station GATE0132

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/26/96	30	20.95	19.5	24.8	11.8	14.891	3.859	14.44	15.225	22.	24.49
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/24/89-08/26/96	30	39800.	39820.	45400.	33000.	8549931.034	2924.027	36460.	37750.	41925.	44170.
00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/26/96	28	7.55	7.114	10.3	2.8	2.938	1.714	4.44	6.6	8.275	8.61
00406	PH, FIELD, STANDARD UNITS SU	05/24/89-08/26/96	28	8.1	8.114	8.8	7.5	0.098	0.314	7.69	7.9	8.3	8.53
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/24/89-08/26/96	28	8.1	8.012	8.8	7.5	0.109	0.33	7.69	7.9	8.3	8.53
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/24/89-08/26/96	28	0.008	0.01	0.032	0.002	0.	0.007	0.003	0.005	0.013	0.02
00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/26/96	28	26.85	26.457	28.4	22.3	3.072	1.753	22.69	25.95	27.65	28.21
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/26/96	15	783.	1076.8	3683.	29.	1014614.886	1007.281	92.	319.	1711.	2840.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/26/96	15	2.894	2.803	3.566	1.462	0.294	0.543	1.861	2.504	3.233	3.441
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			635.423								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	15	29.	295.	1653.	0.	285121.286	533.967	0.	0.	319.	1344.6
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	15	1.462	1.254	3.218	0.	1.71	1.308	0.	0.	2.504	3.121
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			17.938								

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Annual Analysis for 1991 - Station GATE0132

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/26/96	26	21.7	21.246	25.	14.8	5.254	2.292	18.53	19.6	22.825	23.98
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/24/89-08/26/96	26	38750.	38065.385	42400.	31400.	9493553.846	3081.161	33680.	35625.	40725.	41740.
00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/26/96	22	7.3	7.273	9.3	3.7	1.832	1.353	5.1	6.75	8.025	9.21
00406	PH, FIELD, STANDARD UNITS SU	05/24/89-08/26/96	17	8.1	8.118	8.6	7.8	0.047	0.216	7.88	8.	8.2	8.52
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/24/89-08/26/96	17	8.1	8.074	8.6	7.8	0.049	0.22	7.88	8.	8.2	8.52
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/24/89-08/26/96	17	0.008	0.008	0.016	0.003	0.	0.004	0.003	0.006	0.01	0.013

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0132

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/26/96	26	27.1	27.065	29.8	24.6	1.956	1.399	25.04	25.875	27.925	29.
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/26/96	28	449.5	687.571	1914.	0.	442596.106	665.279	0.	220.	870.	1835.7
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/26/96	28	2.651	2.371	3.282	0.	1.082	1.04	0.	2.342	2.94	3.264
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			234.705								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	28	43.5	248.571	1653.	0.	197942.032	444.907	0.	0.	261.	765.6
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	28	1.613	1.428	3.218	0.	1.412	1.188	0.	0.	2.417	2.864
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			26.8								

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Annual Analysis for 1992 - Station GATE0132

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/26/96	30	18.3	18.7	22.4	13.9	9.029	3.005	14.33	15.375	21.625	22.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/28/92-08/26/96	15	23.3	22.02	26.	14.	12.013	3.466	16.1	20.	25.	26.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/24/89-08/26/96	30	38750.	38210.	42400.	34100.	5908517.241	2430.744	34720.	36250.	40400.	40790.
00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/26/96	30	7.15	7.53	11.5	3.3	2.876	1.696	5.65	6.675	8.5	10.3
00406	PH, FIELD, STANDARD UNITS SU	05/24/89-08/26/96	30	8.09	8.127	8.6	7.85	0.031	0.177	7.92	7.985	8.255	8.395
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/24/89-08/26/96	30	8.09	8.095	8.6	7.85	0.032	0.18	7.92	7.985	8.255	8.395
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/24/89-08/26/96	30	0.008	0.008	0.014	0.003	0.	0.003	0.004	0.006	0.01	0.012
00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/26/96	30	28.6	28.85	30.9	27.	0.998	0.999	27.42	28.275	29.825	30.2
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/26/96	15	145.	465.933	1972.	0.	440019.21	663.339	0.	29.	870.	1728.4
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/26/96	15	2.161	1.939	3.295	0.	1.288	1.135	0.	1.462	2.94	3.235
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			86.821								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	15	0.	19.333	116.	0.	1161.381	34.079	0.	0.	29.	81.2
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	15	0.	0.568	2.064	0.	0.709	0.842	0.	0.	1.462	1.884
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.696								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station GATE0132

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/26/96	30	21.	19.407	24.	11.8	16.479	4.059	12.51	17.125	22.525	23.18
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/28/92-08/26/96	15	26.	24.633	34.	15.	30.302	5.505	16.2	21.	28.	32.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/24/89-08/26/96	30	37400.	36660.	40900.	20500.	16337655.172	4041.987	32510.	34875.	39825.	40100.
00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/26/96	27	6.	5.981	12.	1.5	9.394	3.065	1.9	3.5	7.5	11.6
00406	PH, FIELD, STANDARD UNITS SU	05/24/89-08/26/96	21	8.09	8.082	8.56	7.41	0.091	0.301	7.616	7.9	8.325	8.524
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/24/89-08/26/96	21	8.09	7.977	8.56	7.41	0.102	0.32	7.616	7.9	8.325	8.524
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/24/89-08/26/96	21	0.008	0.011	0.039	0.003	0.	0.009	0.003	0.005	0.013	0.025
00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/26/96	30	25.8	25.493	28.3	17.	4.703	2.169	22.24	24.9	26.9	27.19
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/26/96	14	29.	137.286	800.	0.	50916.835	225.648	0.	0.	208.	600.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/26/96	14	0.882	1.145	2.903	0.	1.482	1.217	0.	0.	2.317	2.753
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			13.977								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	15	0.	147.333	1044.	0.	126682.667	355.925	0.	0.	58.	1017.6
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	15	0.	0.75	3.019	0.	1.342	1.158	0.	0.	1.763	3.007
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			5.619								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station GATE0132

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/26/96	26	16.1	15.531	24.5	0.6	47.726	6.908	5.	9.475	21.25	23.61
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/28/92-08/26/96	16	20.	18.238	31.1	6.7	58.921	7.676	6.7	11.	23.175	30.33
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/24/89-08/26/96	26	31900.	31503.846	41200.	20900.	33469184.615	5785.256	23520.	26800.	36125.	40150.
00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/26/96	22	5.65	7.273	18.7	2.8	20.526	4.531	3.14	3.875	8.7	16.43
00406	PH, FIELD, STANDARD UNITS SU	05/24/89-08/26/96	26	7.65	7.635	8.2	7.2	0.082	0.287	7.2	7.4	7.825	8.06
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/24/89-08/26/96	26	7.647	7.55	8.2	7.2	0.09	0.3	7.2	7.4	7.825	8.06
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/24/89-08/26/96	26	0.023	0.028	0.063	0.006	0.	0.018	0.009	0.015	0.04	0.063
00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/26/96	26	24.6	25.096	35.8	18.2	20.896	4.571	19.87	21.325	28.225	32.1
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/26/96	28	27.	126.821	928.	0.	42872.745	207.057	0.	0.	203.	408.9
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/26/96	28	1.43	1.163	2.968	0.	1.33	1.153	0.	0.	2.307	2.612
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			14.538								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	28	0.	33.929	754.	0.	20243.106	142.278	0.	0.	0.	63.3
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	28	0.	0.363	2.877	0.	0.595	0.771	0.	0.	0.	1.801
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.309								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station GATE0132

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/26/96	24	21.35	21.221	26.4	17.	5.366	2.316	17.8	19.725	22.725	24.65
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/28/92-08/26/96	14	24.15	23.9	30.	17.2	10.588	3.254	18.9	21.55	26.25	28.35
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/24/89-08/26/96	24	33000.	33366.667	40700.	28200.	12294492.754	3506.35	29050.	30525.	35850.	39650.
00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/26/96	24	6.75	6.875	9.6	4.6	2.781	1.668	5.05	5.4	8.825	9.3
00406	PH, FIELD, STANDARD UNITS SU	05/24/89-08/26/96	24	7.88	7.877	8.4	7.5	0.039	0.197	7.63	7.738	7.973	8.16
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/24/89-08/26/96	24	7.88	7.837	8.4	7.5	0.04	0.201	7.63	7.738	7.973	8.16
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/24/89-08/26/96	24	0.013	0.015	0.032	0.004	0.	0.006	0.007	0.011	0.018	0.024
00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/26/96	24	22.55	22.737	27.5	18.7	5.942	2.438	19.9	20.625	24.775	26.55
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/26/96	24	29.	268.25	2610.	0.	369546.37	607.903	0.	0.	195.75	1073.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/26/96	24	1.462	1.382	3.417	0.	1.423	1.193	0.	0.	2.291	2.946
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			24.076								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	24	29.	71.292	435.	0.	10602.389	102.968	0.	0.	145.	188.5
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	24	1.462	1.124	2.638	0.	1.032	1.016	0.	0.	2.161	2.274
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			13.299								

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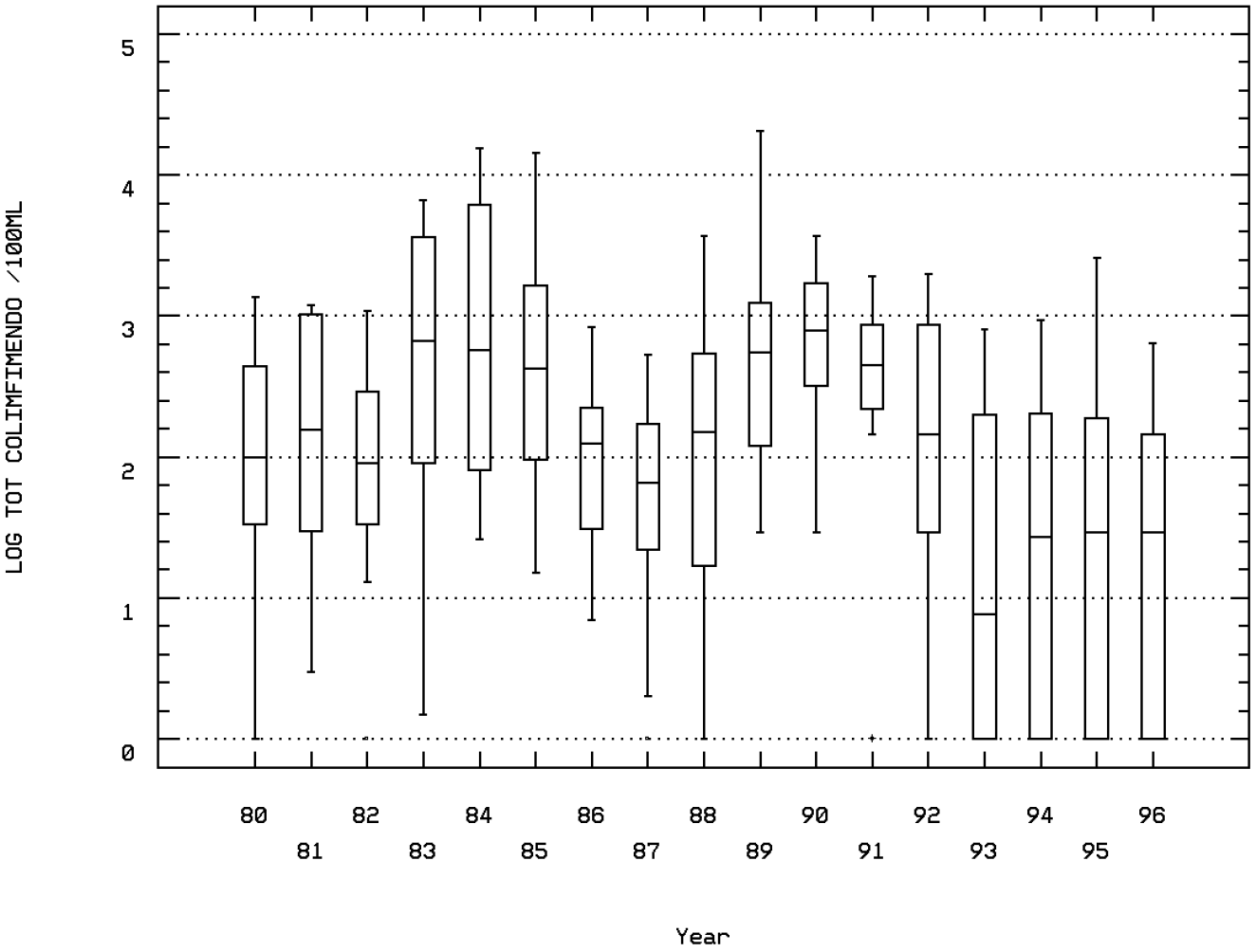
Annual Analysis for 1996 - Station GATE0132

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/26/96	26	19.8	19.346	22.9	13.4	7.771	2.788	14.44	17.775	21.525	22.63
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/28/92-08/26/96	13	22.	21.269	25.	17.	6.151	2.48	17.	20.	22.5	25.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/24/89-08/26/96	26	37250.	37253.846	39900.	34200.	2564184.615	1601.307	34270.	36350.	38925.	39260.
00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/26/96	26	8.3	8.077	11.2	4.6	3.235	1.799	5.79	6.275	9.7	10.12
00406	PH, FIELD, STANDARD UNITS SU	05/24/89-08/26/96	26	7.7	7.641	7.96	6.64	0.07	0.265	7.356	7.547	7.755	7.903
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/24/89-08/26/96	26	7.7	7.513	7.96	6.64	0.087	0.296	7.356	7.547	7.755	7.903
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/24/89-08/26/96	26	0.02	0.031	0.229	0.011	0.002	0.042	0.013	0.018	0.028	0.046
00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/26/96	26	23.55	23.662	25.5	21.6	1.137	1.066	21.7	23.075	24.55	25.06
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/26/96	26	29.	112.654	638.	0.	31307.195	176.938	0.	0.	145.	446.6
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/26/96	26	1.462	1.253	2.805	0.	1.154	1.074	0.	0.	2.161	2.639
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			17.926								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	26	0.	1.115	29.	0.	32.346	5.687	0.	0.	0.	0.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	26	0.	0.056	1.462	0.	0.082	0.287	0.	0.	0.	0.
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.138								

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Station: GATE0132 Parameter Code: 31501

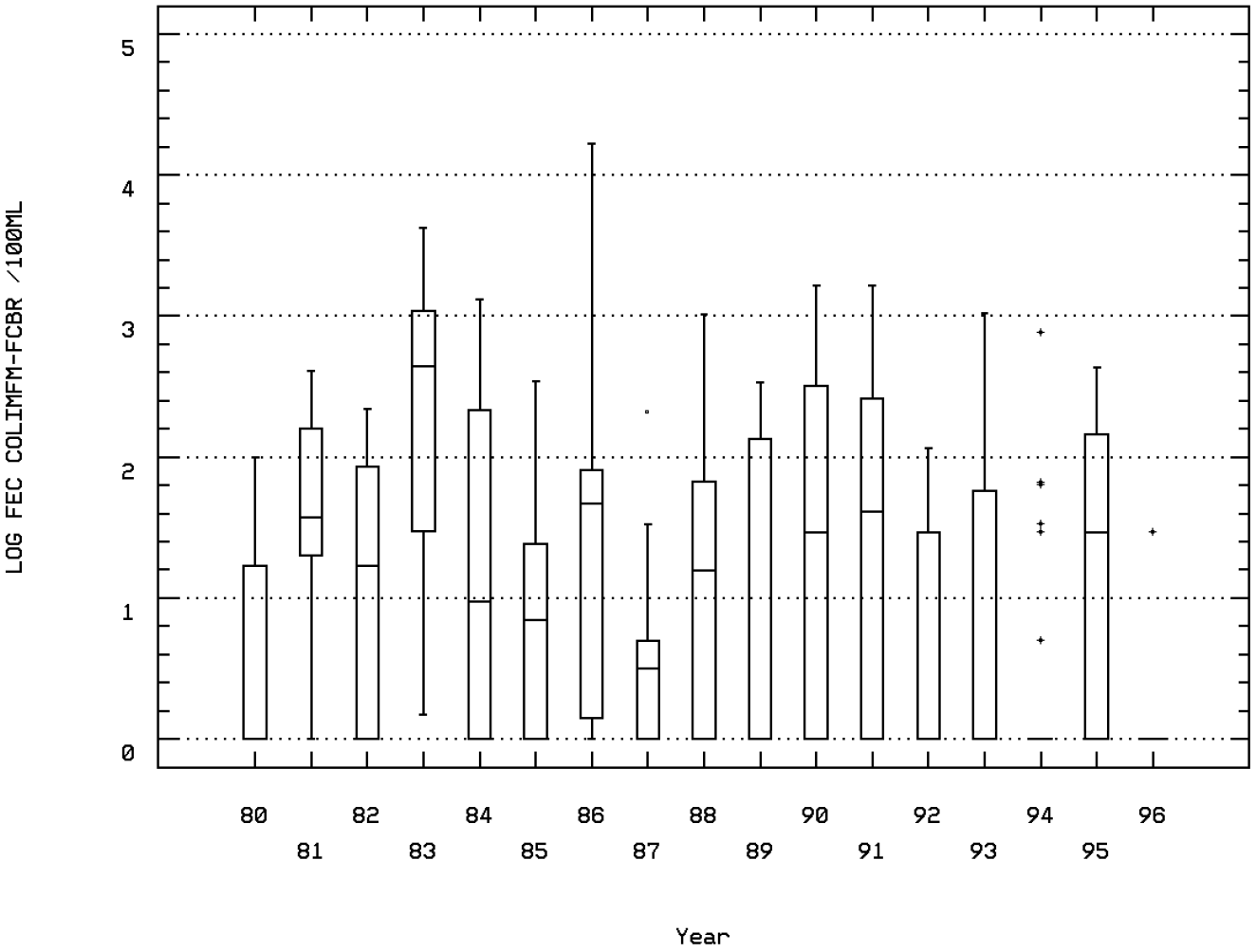
LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.



Rockaway Inlet

Station: GATE0132 Parameter Code: 31616

LOG FECAL COLIFORM,MEMBR FILTER,M-FC BR



Rockaway Inlet

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0132

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/26/96	63	21.9	22.081	26.4	18.	2.469	1.571	20.06	21.4	23.	24.24
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/24/89-08/26/96	60	38700.	38255.	44300.	30900.	7874720.339	2806.193	34200.	36500.	40175.	41170.
00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/26/96	62	6.1	5.994	9.4	1.5	4.506	2.123	2.93	4.375	7.6	9.
00406	PH, FIELD, STANDARD UNITS SU	05/24/89-08/26/96	51	7.9	7.885	8.5	6.64	0.11	0.331	7.452	7.76	8.1	8.236
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/24/89-08/26/96	51	7.9	7.709	8.5	6.64	0.141	0.376	7.452	7.76	8.1	8.236
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/24/89-08/26/96	51	0.013	0.02	0.229	0.003	0.001	0.032	0.006	0.008	0.017	0.035
00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/26/96	64	26.85	26.539	32.6	20.6	6.833	2.614	22.75	24.9	28.15	30.05
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/26/96	82	139.5	849.561	14400.	0.	4751252.101	2179.737	0.	29.	545.75	1870.5
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/26/96	82	2.144	2.	4.158	0.	1.196	1.094	0.	1.462	2.737	3.269
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			99.9								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	84	6.5	193.155	4200.	0.	412630.831	642.363	0.	0.	66.75	430.5
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	84	0.812	1.014	3.623	0.	1.21	1.1	0.	0.	1.824	2.634
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			10.339								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	09/08/83-08/12/96	13	3.95	3.717	13.9	0.	15.619	3.952	0.	0.135	4.865	11.564

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0132

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/26/96	4	5.	3.925	5.1	0.6	4.916	2.217	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/24/89-08/26/96	4	24800.	27625.	40000.	20900.	72249166.667	8499.951	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/26/96	3	11.1	9.767	13.7	4.5	22.493	4.743	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	05/24/89-08/26/96	4	7.5	7.475	7.6	7.3	0.016	0.126	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/24/89-08/26/96	4	7.5	7.461	7.6	7.3	0.016	0.127	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/24/89-08/26/96	4	0.032	0.035	0.05	0.025	0.	0.011	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/26/96	4	23.05	23.95	31.5	18.2	35.977	5.998	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/26/96	4	14.5	239.25	928.	0.	211020.917	459.37	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/26/96	4	0.731	1.107	2.968	0.	2.013	1.419	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			12.808								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	4	0.	188.5	754.	0.	142129.	377.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	4	0.	0.719	2.877	0.	2.07	1.439	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			5.24								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	09/08/83-08/12/96	4	0.93	1.045	2.32	0.	1.491	1.221	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0132

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/83-08/26/96	153	19.	18.538	25.	7.9	12.812	3.579	13.1	15.8	21.5	22.86
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/24/89-08/26/96	150	37150.	36908.	45400.	20500.	22695908.725	4764.022	30900.	34275.	40125.	43060.
00300	OXYGEN, DISSOLVED MG/L	06/22/83-08/26/96	136	7.5	7.708	18.7	1.5	5.169	2.273	5.3	6.5	8.7	10.3
00406	PH, FIELD, STANDARD UNITS SU	05/24/89-08/26/96	137	7.95	7.922	8.8	7.1	0.122	0.35	7.408	7.7	8.12	8.35
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/24/89-08/26/96	137	7.95	7.781	8.8	7.1	0.142	0.377	7.408	7.7	8.12	8.35
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/24/89-08/26/96	137	0.011	0.017	0.079	0.002	0.	0.015	0.004	0.008	0.02	0.039
00480	SALINITY - PARTS PER THOUSAND	06/01/83-08/26/96	156	26.	25.649	35.8	17.	9.007	3.001	21.47	23.625	27.7	29.16
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/26/96	190	145.	683.979	20561.	0.	4065589.664	2016.331	0.	16.5	550.25	1815.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/26/96	190	2.161	1.909	4.313	0.	1.305	1.143	0.	1.217	2.741	3.259
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			81.04								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	192	1.5	199.974	16800.	0.	1539227.74	1240.656	0.	0.	63.25	261.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/26/96	192	0.176	0.921	4.225	0.	1.158	1.076	0.	0.	1.801	2.417
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			8.342								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	09/08/83-08/12/96	29	1.	3.078	21.38	0.	25.781	5.077	0.	0.	3.94	10.79

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0133

NPS Station ID: GATE0133 LAT/LON: 40.557504/ -73.941393 Agency: 11NYCOR Date Created: 09/08/79
Location: ROCKAWAY INLET CHANNEL OFF OF LOOKOUT TOWER FIPS State/County: 36081 NEW YORK/QUEENS
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): NYCOR73
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 02030202 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METRO AREA ECO Region:
RF1 Index: 02030202028 RF1 Mile Point: 0.510 Distance from RF1: 3.60 On/Off RF1: OFF
RF3 Index: 02030202002709.04 RF3 Mile Point: 15.96 Distance from RF3: 0.18 On/Off RF3:
Description:
NEW YORK CORPS OF ENGINEERS DREDGING STUDIES

Parameter Inventory for Station: GATE0133

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	05/15/75-05/15/75	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/15/75-05/15/75	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/15/75-05/15/75	1	4.9	4.9	4.9	4.9	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	05/15/75-05/15/75	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	05/15/75-05/15/75	1	25.	25.	25.	25.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/15/75-05/15/75	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	05/15/75-05/15/75	1	20.	20.	20.	20.	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	05/15/75-05/15/75	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GATE0134

NPS Station ID: GATE0134
LAT/LON: 40.541670/ -73.941670
Agency: 11EPAMW
Date Created: 08/25/78
Location: ROCKAWAY POINT NEW YORK CITY
FIPS State/County: 36081 NEW YORK/
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): 1900 /RK
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin: ATLANTIC OCEAN
Elevation: 0
Water Body Id:
Minor Basin: ATLANTIC OCEAN
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 36.70
On/Off RF1:
RF3 Index: 02030202008800.00
RF3 Mile Point: 0.76
Distance from RF3: 0.97
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0134

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GATE0135

NPS Station ID: GATE0135
LAT/LON: 40.541670/ -73.941670
Agency: 11NATDC
Date Created: 08/03/85
Location: ROCKAWAY POINT
FIPS State/County: 36081 NEW YORK/QUEENS
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): T0702262 /2660
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02030202
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METRO AREA
ECO Region:
RF1 Index: 02030202028
RF1 Mile Point: 0.090
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02030201000101.63
RF3 Mile Point: 7.15
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0135

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GATE0136

NPS Station ID: GATE0136 LAT/LON: 40.554615/ -73.943003 Agency: 11NYCOR Date Created: 09/08/79
Location: JAMAICA BAY-CHNL.ENT.RKWY.INLET-E.OF RKWY.PT.NY. FIPS State/County: 36081 NEW YORK/QUEENS
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): NYCOR341A
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 02030202 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METRO AREA ECO Region:
RF1 Index: 02030202028 RF1 Mile Point: 0.510 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02030202002709.04 RF3 Mile Point: 16.41 Distance from RF3: 0.02 On/Off RF3:
Description:
NEW YORK CORPS OF ENGINEERS DREDGING STUDIES

Parameter Inventory for Station: GATE0136

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	11/10/71-11/10/71	1	41.	41.	41.	41.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	11/10/71-11/10/71	1	25.	25.	25.	25.	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	11/10/71-11/10/71	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GATE0137

NPS Station ID: GATE0137
LAT/LON: 40.529448/ -73.943059
Agency: 1111H030
Date Created: / /
Location: ROCKAWAY POINT (N16)
FIPS State/County: 36081 NEW YORK/
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): 403146007356350/N16 /MI PT 0.0
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC:
Depth of Water: 23
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-N.Y. METROPOLI
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 4.80
On/Off RF1:
RF3 Index: 02030201000101.63
RF3 Mile Point: 8.82
Distance from RF3: 0.09
On/Off RF3:
Description:
STATION IS LOCATED IN ATLANTIC OCEAN ABOUT 1.7 MILES SOUTH OF ROCKAWAY POINT AT GONG R2.
DATA COLLECTED BY CITY OF NEW YORK DEPARTMENT OF PUBLIC WORKS.

Parameter Inventory for Station: GATE0137

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GATE0138

NPS Station ID: GATE0138
LAT/LON: 40.529448/ -73.943059
Agency: 21350000
Date Created: / /
Location: ROCKAWAY POINT
FIPS State/County: 36 /
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): 403146007356350/N16
RMI-Indexes: 0133000
Within Park Boundary: No
RMI-Miles: 0000.00
HUC:
Depth of Water: 23
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202002709.04
RF3 Mile Point: 42.56
Distance from RF3: 0.02
On/Off RF3:
Description:
STATION IS LOCATED IN ATLANTIC OCEAN ABOUT 1.7 MILES SOUTH OF ROCKAWAY POINT AT GONG R2.
DATA COLLECTED BY CITY OF NEW YORK DEPARTMENT OF PUBLIC WORKS.

Parameter Inventory for Station: GATE0138

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/07/73-01/08/74	4	7.7	7.475	10.3	4.2	10.776	3.283	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/07/73-01/08/74	2	9.	9.	9.	9.	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/07/73-01/08/74	4	7.	8.	15.	3.	31.333	5.598	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/07/73-01/08/74	4	30932.	30316.	33500.	25900.	13573930.667	3684.282	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/07/73-01/08/74	4	45248.5	44503.	46057.	41458.	4373628.667	2091.322	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/07/73-01/08/74	4	8.35	8.4	9.2	7.7	0.58	0.762	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	11/07/73-01/08/74	4	7.2	7.175	8.2	6.1	1.402	1.184	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	11/07/73-01/08/74	4	6.497	6.444	8.2	6.1	2.114	1.454	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/07/73-01/08/74	4	0.319	0.359	0.794	0.006	0.171	0.413	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/07/73-01/08/74	4	16590.	16605.	17140.	16100.	340633.333	583.638	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/07/73-01/08/74	4	15250.	15425.	24000.	7200.	47455833.333	6888.819	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/07/73-01/08/74	4	4.183	4.151	4.38	3.857	0.047	0.217	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			14150.049								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/07/73-01/08/74	4	1070.	1035.	1400.	600.	119566.667	345.784	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/07/73-01/08/74	4	3.026	2.994	3.146	2.778	0.026	0.161	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			986.614								
70305	SALINITY BASED ON CONDUCTIVITY	11/07/73-01/08/74	4	29.1	28.625	29.7	26.6	2.009	1.417	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0138

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	4	0	0.00				4	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00				4	0	0.00						
00403	PH, LAB	Other-Hi Lim.	9.	4	0	0.00				4	0	0.00						
		Other-Lo Lim.	6.5	4	2	0.50				4	2	0.50						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	4	4	1.00				4	4	1.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	4	4	1.00				4	4	1.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0139

NPS Station ID: GATE0139 LAT/LON: 40.574449/ -73.943615 Agency: 1111H030 Date Created: 09/20/80
Location: MANHATTAN BEACH 100 FT OFF CONEY ISLAND SHORE FIPS State/County: 36047 NEW YORK/KINGS
Station Type: /TYPA/AMBNT/OCEAN STORET Station ID(s): NY MB /NYMB
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02030202 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON - N.Y. METROPOLITAN AREA ECO Region:
RF1 Index: 02030202029 RF1 Mile Point: 7.850 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02030202002900.00 RF3 Mile Point: 5.16 Distance from RF3: 0.04 On/Off RF3:
Description:

Parameter Inventory for Station: GATE0139

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/30/80-09/28/81	25	124.	353.64	2000.	28.	210104.073	458.371	43.2	72.	510.	1056.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/30/80-09/28/81	25	2.093	2.254	3.301	1.447	0.268	0.517	1.62	1.857	2.707	3.023
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			179.451								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	06/30/80-09/28/81	25	9.	39.48	280.	0.	5329.26	73.002	0.6	2.5	32.5	165.6
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	06/30/80-09/28/81	25	0.954	1.005	2.447	0.	0.574	0.758	0.	0.301	1.506	2.191
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			10.119								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0139

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	25	3	0.12	12	2	0.17				13	1	0.08			
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	25	2	0.08	12	2	0.17				13	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0140

NPS Station ID: GATE0140 LAT/LON: 40.529727/ -73.943615 Agency: 31ISC2RS Date Created: 03/06/82
Location: ATLANTIC OCEAN OFF WESTERN TIP OF ROCKAWAY FIPS State/County: 36081 NEW YORK/QUEENS
Station Type: /TYPA/AMBNT/OCEAN STORET Station ID(s): AO-01 /AO01 /2801
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METROPOLITAN AREA ECO Region:
RF1 Index: RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 02030202002709.04 RF3 Mile Point: 14.03 Distance from RF3: 1.47 On/Off RF3:
Description:
ANTIC OCEAN OFF WESTERN TIP OF ROOCKAWAY AT FLASHING RED R "2" GONG SEC.) BUOY

Parameter Inventory for Station: GATE0140

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-04/10/87	136	15.4	14.154	26.7	0.5	58.135	7.625	2.8	8.	20.575	23.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/12/75-08/11/86	86	2.	1.965	8.	0.	2.058	1.434	1.	1.	2.	3.3
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-04/10/87	126	44000.	42293.651	50000.	22000.	40208759.365	6341.038	33750.	40000.	47000.	48650.
00300	OXYGEN, DISSOLVED MG/L	07/30/74-04/10/87	136	7.9	8.379	15.6	4.1	4.895	2.212	5.97	6.8	9.95	11.5
00310	BOD, 5 DAY, 20 DEG C MG/L	07/30/74-02/19/87	52	2.8	2.963	9.	0.	3.08	1.755	0.83	1.55	4.1	5.44
00400	PH (STANDARD UNITS)	03/12/75-02/19/87	67	7.8	7.873	11.3	7.2	0.251	0.501	7.48	7.6	8.	8.2
00400	CONVERTED PH (STANDARD UNITS)	03/12/75-02/19/87	67	7.8	7.745	11.3	7.2	0.268	0.518	7.48	7.6	8.	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/12/75-02/19/87	67	0.016	0.018	0.063	0.	0.	0.013	0.006	0.01	0.025	0.033
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/14/79-05/26/82	28	8.	11.	59.	0.	158.148	12.576	1.	5.	11.75	19.9
00560	OIL & GREASE (FREON EXTR.-IR METHOD) TOT,REC,MG/L	08/13/75-08/11/86	17	0.2	0.482	3.5	0.	0.725	0.852	0.	0.1	0.55	1.82
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/13/74-02/19/87	61	0.25	0.262	0.82	0.02	0.035	0.187	0.06	0.085	0.375	0.45
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/13/74-10/08/75	10	0.04	0.045	0.07	0.03	0.	0.013	0.03	0.038	0.053	0.069
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/13/74-10/08/75	10	0.555	0.873	2.5	0.23	0.499	0.706	0.244	0.415	1.165	2.413
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/29/76-08/26/86	34	0.555	0.535	1.33	0.03	0.094	0.306	0.165	0.318	0.653	0.96
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/29/76-02/19/87	49	0.11	0.151	0.62	0.005	0.022	0.148	0.02	0.03	0.23	0.35
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/29/76-02/19/87	49	0.07	0.112	1.39	0.01	0.037	0.192	0.04	0.05	0.12	0.18
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/13/74-02/19/87	47	0.03	0.052	0.52	0.005	0.006	0.08	0.01	0.01	0.06	0.092
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	85	7.	8.871	23.	1.	26.304	5.129	3.6	6.	11.5	17.4
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	90	31.	30.9	39.	15.	14.72	3.837	28.	29.	33.	35.
00940	CHLORIDE,TOTAL IN WATER MG/L	07/30/74-04/09/75	11	16500.	15863.636	17200.	12000.	2940545.455	1714.802	12240.	15700.	17200.	17200.
01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/09/79-05/09/79	1	## 5.	5.	5.	5.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	05/09/79-02/19/87	19	2.	2.158	5.	1.	1.474	1.214	1.	1.	3.	4.
01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/29/76-03/15/82	18	## 0.25	0.392	1.	0.25	0.07	0.265	0.25	0.25	0.5	1.
01027	CADMIUM, TOTAL (UG/L AS CD)	08/13/74-02/19/87	41	0.5	1.063	6.	0.25	1.967	1.403	0.25	0.25	1.	3.
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/29/76-03/15/82	18	## 2.5	1.917	2.5	0.5	0.743	0.862	0.5	0.875	2.5	2.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/13/74-02/19/87	42	## 2.5	3.321	20.	0.5	16.669	4.083	0.5	2.	2.5	7.1
01035	COBALT, DISSOLVED (UG/L AS CO)	07/28/76-03/15/82	12	## 0.5	2.542	14.	0.5	15.566	3.945	0.5	0.5	3.75	11.3
01037	COBALT, TOTAL (UG/L AS CO)	12/18/74-03/02/83	19	1.	3.289	16.	0.5	17.925	4.234	0.5	0.5	6.	10.
01040	COPPER, DISSOLVED (UG/L AS CU)	06/29/76-03/15/82	18	23.	24.472	73.	0.5	302.014	17.379	6.35	15.25	30.25	60.4
01042	COPPER, TOTAL (UG/L AS CU)	08/13/74-02/19/87	42	29.	38.095	125.	2.	1086.576	32.963	5.	11.5	58.	90.6
01045	IRON, TOTAL (UG/L AS FE)	12/18/74-02/19/87	29	86.	134.655	600.	4.	20508.234	143.207	13.	34.5	178.5	415.
01046	IRON, DISSOLVED (UG/L AS FE)	07/28/76-03/15/82	11	15.	42.273	314.	6.	8169.618	90.386	6.4	8.	25.	256.4
01049	LEAD, DISSOLVED (UG/L AS PB)	06/29/76-03/15/82	18	## 3.75	4.861	10.	2.5	9.171	3.028	2.5	2.5	6.25	10.
01051	LEAD, TOTAL (UG/L AS PB)	08/13/74-02/19/87	41	10.	16.488	90.	2.5	285.519	16.897	2.5	7.5	17.	42.
01065	NICKEL, DISSOLVED (UG/L AS NI)	06/29/76-03/15/82	18	## 2.5	3.5	8.	2.5	2.559	1.6	2.5	2.5	5.	5.3
01067	NICKEL, TOTAL (UG/L AS NI)	08/13/74-02/19/87	42	5.	8.631	45.	2.5	98.854	9.943	2.5	2.5	10.	24.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GATE0140

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01075	SILVER, DISSOLVED (UG/L AS AG)	07/28/76-07/22/81	10	1.	0.95	2.	0.5	0.192	0.438	0.5	0.5	1.	1.9
01077	SILVER, TOTAL (UG/L AS AG)	12/18/74-02/19/87	30	1.	2.733	21.	0.5	15.875	3.984	0.5	1.	3.25	5.
01090	ZINC, DISSOLVED (UG/L AS ZN)	09/13/77-03/15/82	14	57.	58.571	110.	23.	566.418	23.8	26.5	37.75	73.25	98.5
01092	ZINC, TOTAL (UG/L AS ZN)	08/13/74-02/19/87	42	70.	74.238	255.	0.5	3600.271	60.002	9.6	22.5	100.25	163.6
01100	TIN, DISSOLVED (UG/L AS SN)	09/13/77-07/22/81	10 ##	25.	25.	25.	25.	0.	0.	25.	25.	25.	25.
01102	TIN, TOTAL (UG/L AS SN)	07/28/76-03/02/83	13 ##	25.	32.692	100.	25.	456.731	21.371	25.	25.	25.	80.
01105	ALUMINUM, TOTAL (UG/L AS AL)	07/09/75-03/02/83	16	53.	65.063	159.	5.	1859.529	43.122	15.5	32.5	88.25	145.7
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/28/76-03/15/82	12	22.5	29.75	114.	5.	824.932	28.722	6.5	12.	30.	93.3
31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	06/08/77-09/09/82	36	1850.	19778.472	100000.	5.	1251046118.313	35370.13	50.	400.	12500.	100000.
31504	LOG COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,	06/08/77-09/09/82	36	3.266	3.315	5.	0.699	1.297	1.139	1.699	2.602	4.096	5.
31504	GM COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,3	GEOMETRIC MEAN =			2066.506								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/03/82-04/10/87	43	2400.	4171.349	24000.	1.	43902416.852	6625.89	14.	110.	3500.	16000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/03/82-04/10/87	43	3.38	2.877	4.38	0.	1.225	1.107	1.12	2.041	3.544	4.204
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			753.285								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	08/13/74-09/09/82	62	290.	4064.097	100000.	5.	224305856.613	14976.844	10.	47.5	1000.	7300.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	08/13/74-09/09/82	62	2.462	2.352	5.	0.699	1.071	1.035	1.	1.675	3.	3.854
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			224.972								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/03/82-04/10/87	43	330.	973.767	5400.	1.	1953479.373	1397.669	10.	20.	1600.	3060.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/03/82-04/10/87	43	2.519	2.289	3.732	0.	1.007	1.003	1.	1.301	3.204	3.479
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			194.554								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	12/10/75-02/19/87	38	5.	8.579	52.	0.	112.034	10.585	0.	3.	10.25	17.9
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	12/10/75-02/19/87	38	1.	2.605	10.	0.	9.597	3.098	0.	0.	5.	8.
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	12/10/75-02/19/87	38	4.5	8.632	34.	0.	100.347	10.017	0.	0.	13.75	24.5
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	08/27/75-08/25/81	7	6.	5.714	16.	0.5	32.488	5.7	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	08/13/74-02/19/87	37	0.1	0.224	1.4	0.05	0.076	0.275	0.05	0.05	0.25	0.52

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0140

				Total	Exceed	Prop.	----------8/01-10/31----------			----------11/01-3/31----------			----------4/01-7/31----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	86	0	0.00	28	0	0.00	24	0	0.00	34	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	136	0	0.00	47	0	0.00	41	0	0.00	48	0	0.00			
00400	PH	Other-Hi Lim.	8.5	67	1	0.01	19	0	0.00	19	1	0.05	29	0	0.00			
		Other-Lo Lim.	6.5	67	0	0.00	19	0	0.00	19	0	0.00	29	0	0.00			
01000	ARSENIC, DISSOLVED	Marine Acute	69.	1	0	0.00							1	0	0.00			
01002	ARSENIC, TOTAL	Marine Acute	69.	19	0	0.00	8	0	0.00	9	0	0.00	2	0	0.00			
01025	CADMIUM, DISSOLVED	Marine Acute	43.	18	0	0.00	2	0	0.00	8	0	0.00	8	0	0.00			
01027	CADMIUM, TOTAL	Marine Acute	43.	41	0	0.00	13	0	0.00	17	0	0.00	11	0	0.00			
01040	COPPER, DISSOLVED	Marine Acute	2.9	18	17	0.94	2	2	1.00	8	8	1.00	8	7	0.88			
01042	COPPER, TOTAL	Marine Acute	2.9	42	40	0.95	14	13	0.93	17	16	0.94	11	11	1.00			
01049	LEAD, DISSOLVED	Marine Acute	220.	18	0	0.00	2	0	0.00	8	0	0.00	8	0	0.00			
01051	LEAD, TOTAL	Marine Acute	220.	41	0	0.00	13	0	0.00	17	0	0.00	11	0	0.00			
01065	NICKEL, DISSOLVED	Marine Acute	75.	18	0	0.00	2	0	0.00	8	0	0.00	8	0	0.00			
01067	NICKEL, TOTAL	Marine Acute	75.	42	0	0.00	14	0	0.00	17	0	0.00	11	0	0.00			
01075	SILVER, DISSOLVED	Marine Acute	0.12	7 &	7	1.00	1	1	1.00	2	2	1.00	4	4	1.00			
01077	SILVER, TOTAL	Marine Acute	0.12	24 &	24	1.00	9	9	1.00	10	10	1.00	5	5	1.00			
01090	ZINC, DISSOLVED	Marine Acute	95.	14	1	0.07	2	0	0.00	6	1	0.17	6	0	0.00			
01092	ZINC, TOTAL	Marine Acute	95.	42	14	0.33	14	5	0.36	17	5	0.29	11	4	0.36			
31504	COLIFORM,TOT,MEMBRANE FILTR,IMMED. LES-E	Other-Hi Lim.	1000.	36	23	0.64	11	9	0.82	10	9	0.90	15	5	0.33			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	43	25	0.58	11	5	0.45	16	9	0.56	16	11	0.69			
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	62	34	0.55	21	9	0.43	15	12	0.80	26	13	0.50			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	43	23	0.53	11	5	0.45	16	8	0.50	16	10	0.63			
71900	MERCURY, TOTAL	Marine Acute	2.1	37	0	0.00	13	0	0.00	17	0	0.00	7	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1974 - Station GATE0140

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-04/10/87	8	16.05	16.088	23.8	8.4	29.036	5.388	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-04/10/87	3	47000.	45500.	48000.	41500.	12250000.	3500.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/30/74-04/10/87	8	7.25	7.325	8.9	5.7	1.402	1.184	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	7	8.	7.429	13.	2.	15.619	3.952	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	8	34.5	34.5	39.	31.	6.571	2.563	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GATE0140

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-04/10/87	13	19.	16.577	25.6	4.2	49.062	7.004	4.64	11.15	22.4	24.96
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/12/75-08/11/86	13	1.	2.231	8.	1.	4.359	2.088	1.	1.	3.5	6.4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-04/10/87	13	44000.	42423.077	47000.	26000.	33160256.41	5758.494	30000.	41500.	46000.	47000.
00300	OXYGEN, DISSOLVED MG/L	07/30/74-04/10/87	13	8.4	8.169	10.8	4.2	2.874	1.695	5.12	7.3	9.2	10.56
00400	PH (STANDARD UNITS)	03/12/75-02/19/87	10	7.9	7.88	8.2	7.6	0.044	0.21	7.6	7.675	8.025	8.19
00400	CONVERTED PH (STANDARD UNITS)	03/12/75-02/19/87	10	7.889	7.835	8.2	7.6	0.046	0.215	7.6	7.675	8.025	8.19
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/12/75-02/19/87	10	0.013	0.015	0.025	0.006	0.	0.007	0.006	0.009	0.021	0.025
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	9	9.	10.222	17.	6.	14.194	3.768	6.	6.5	13.	17.
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	12	31.5	31.583	34.	30.	1.72	1.311	30.	30.25	32.75	33.7

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station GATE0140

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-04/10/87	10	18.75	17.57	22.	8.7	20.542	4.532	8.86	15.55	21.125	21.95
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/12/75-08/11/86	8	2.	1.875	3.	1.	0.411	0.641	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-04/10/87	8	44500.	45000.	49500.	39500.	14500000.	3807.887	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/30/74-04/10/87	10	6.8	6.86	9.6	4.4	2.089	1.445	4.54	5.95	7.55	9.5
00400	PH (STANDARD UNITS)	03/12/75-02/19/87	7	7.9	7.743	7.9	7.4	0.046	0.215	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/12/75-02/19/87	7	7.9	7.694	7.9	7.4	0.049	0.221	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/12/75-02/19/87	7	0.013	0.02	0.04	0.013	0.	0.011	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	8	7.5	7.375	10.	4.	5.125	2.264	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	8	33.	33.125	35.	31.	2.125	1.458	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GATE0140

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-04/10/87	12	16.75	15.042	22.6	2.	48.875	6.991	2.6	10.225	21.025	22.24
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/12/75-08/11/86	12	2.	2.583	7.	1.	3.72	1.929	1.	1.25	2.75	6.7
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-04/10/87	11	44000.	43454.545	47500.	37000.	10522727.273	3243.875	37600.	40000.	46000.	47400.
00300	OXYGEN, DISSOLVED MG/L	07/30/74-04/10/87	12	7.3	8.	11.4	5.8	3.847	1.961	5.86	6.4	10.25	11.1
00400	PH (STANDARD UNITS)	03/12/75-02/19/87	9	7.6	7.722	8.3	7.2	0.129	0.36	7.2	7.45	8.	8.3
00400	CONVERTED PH (STANDARD UNITS)	03/12/75-02/19/87	9	7.6	7.599	8.3	7.2	0.147	0.383	7.2	7.45	8.	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/12/75-02/19/87	9	0.025	0.025	0.063	0.005	0.	0.02	0.005	0.01	0.038	0.063
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	9	7.	8.444	14.	5.	10.278	3.206	5.	6.	11.5	14.
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	11	32.	32.273	37.	29.	6.618	2.573	29.	30.	35.	36.6

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Annual Analysis for 1978 - Station GATE0140

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-04/10/87	11	16.7	14.773	25.8	1.2	73.894	8.596	1.46	7.	22.7	25.44
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/12/75-08/11/86	11	1.	1.727	4.	1.	1.218	1.104	1.	1.	3.	3.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-04/10/87	11	43000.	41909.091	48000.	30000.	34190909.091	5847.299	30900.	38000.	47000.	47900.
00300	OXYGEN, DISSOLVED MG/L	07/30/74-04/10/87	11	8.2	8.264	11.8	5.7	3.709	1.926	5.76	6.2	9.2	11.6
00400	PH (STANDARD UNITS)	03/12/75-02/19/87	9	7.8	7.822	8.2	7.2	0.102	0.319	7.2	7.65	8.15	8.2
00400	CONVERTED PH (STANDARD UNITS)	03/12/75-02/19/87	9	7.8	7.708	8.2	7.2	0.117	0.341	7.2	7.65	8.15	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/12/75-02/19/87	9	0.016	0.02	0.063	0.006	0.	0.018	0.006	0.007	0.023	0.063
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	11	6.	6.182	11.	2.	7.564	2.75	2.4	4.	8.	10.8
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	11	29.	28.818	31.	25.	3.564	1.888	25.2	28.	30.	31.

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Annual Analysis for 1979 - Station GATE0140

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-04/10/87	10	15.75	14.2	23.	1.	52.511	7.246	1.5	9.	20.5	22.75
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/12/75-08/11/86	10	2.5	2.5	4.	1.	0.722	0.85	1.1	2.	3.	3.9
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-04/10/87	9	46000.	44777.778	49000.	37000.	14381944.444	3792.353	37000.	42500.	46750.	49000.
00300	OXYGEN, DISSOLVED MG/L	07/30/74-04/10/87	10	7.85	9.03	15.6	6.6	7.596	2.756	6.66	7.35	10.4	15.2
00400	PH (STANDARD UNITS)	03/12/75-02/19/87	10	7.9	7.85	8.2	7.4	0.047	0.217	7.43	7.7	8.	8.18
00400	CONVERTED PH (STANDARD UNITS)	03/12/75-02/19/87	10	7.9	7.797	8.2	7.4	0.05	0.224	7.43	7.7	8.	8.18
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/12/75-02/19/87	10	0.013	0.016	0.04	0.006	0.	0.009	0.007	0.01	0.02	0.038
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	9	7.	8.444	15.	6.	10.278	3.206	6.	6.	11.	15.
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	9	30.	31.	37.	28.	9.75	3.122	28.	28.5	33.5	37.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GATE0140

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-04/10/87	8	17.	12.875	21.5	0.5	86.268	9.288	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/12/75-08/11/86	8	2.	1.625	2.	1.	0.268	0.518	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-04/10/87	8	46500.	45875.	50000.	36000.	20125000.	4486.09	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/30/74-04/10/87	8	7.8	8.163	10.6	6.	2.388	1.545	**	**	**	**
00400	PH (STANDARD UNITS)	03/12/75-02/19/87	8	7.8	7.888	8.4	7.5	0.098	0.314	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/12/75-02/19/87	8	7.8	7.803	8.4	7.5	0.107	0.326	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/12/75-02/19/87	8	0.016	0.016	0.032	0.004	0.	0.009	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	7	6.	7.571	14.	5.	10.286	3.207	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	6	30.	30.667	36.	29.	7.067	2.658	**	**	**	**

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Annual Analysis for 1981 - Station GATE0140

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-04/10/87	10	18.75	15.06	24.	1.	70.758	8.412	1.1	7.25	22.	23.8
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/12/75-08/11/86	10	2.	2.3	7.	1.	3.122	1.767	1.	1.	2.25	6.6
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-04/10/87	10	49000.	46700.	50000.	37000.	21122222.222	4595.892	37400.	43250.	50000.	50000.
00300	OXYGEN, DISSOLVED MG/L	07/30/74-04/10/87	10	6.85	7.45	13.1	4.1	8.478	2.912	4.11	5.325	8.875	12.94
00400	PH (STANDARD UNITS)	03/12/75-02/19/87	10	7.8	7.73	8.	7.3	0.038	0.195	7.33	7.6	7.825	7.99
00400	CONVERTED PH (STANDARD UNITS)	03/12/75-02/19/87	10	7.8	7.686	8.	7.3	0.04	0.2	7.33	7.6	7.825	7.99
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/12/75-02/19/87	10	0.016	0.021	0.05	0.01	0.	0.011	0.01	0.015	0.025	0.048
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	10	19.	19.2	23.	15.	5.067	2.251	15.2	17.75	21.	22.8

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Annual Analysis for 1981 - Station GATE0140

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	10	32.5	32.5	36.	29.	4.5	2.121	29.1	30.75	34.	35.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station GATE0140

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-04/10/87	5	14.	12.44	22.5	3.9	58.333	7.638	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/12/75-08/11/86	5	0.	0.4	1.	0.	0.3	0.548	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-04/10/87	5	45000.	43000.	48000.	35000.	24500000.	4949.747	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/30/74-04/10/87	5	9.	10.12	12.8	8.2	4.492	2.119	**	**	**	**
00400	PH (STANDARD UNITS)	03/12/75-02/19/87	3	8.2	8.133	8.3	7.9	0.043	0.208	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/12/75-02/19/87	3	8.2	8.099	8.3	7.9	0.045	0.212	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/12/75-02/19/87	3	0.006	0.008	0.013	0.005	0.	0.004	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	5	7.	6.6	15.	1.	34.8	5.899	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	5	29.	27.2	33.	15.	50.2	7.085	**	**	**	**

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Annual Analysis for 1983 - Station GATE0140

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-04/10/87	5	20.5	18.5	25.	4.5	64.625	8.039	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/12/75-08/11/86	4	1.	1.	1.	1.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-04/10/87	4	44500.	44375.	46000.	42500.	2229166.667	1493.039	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/30/74-04/10/87	4	9.	8.65	9.6	7.	1.317	1.147	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	4	6.5	6.75	13.	1.	24.25	4.924	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	4	28.	26.5	31.	19.	27.667	5.26	**	**	**	**

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Annual Analysis for 1984 - Station GATE0140

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-04/10/87	2	12.	12.	20.	4.	128.	11.314	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/12/75-08/11/86	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-04/10/87	2	41500.	41500.	43000.	40000.	4500000.	2121.32	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/30/74-04/10/87	2	10.	10.	13.	7.	18.	4.243	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	2	3.5	3.5	5.	2.	4.5	2.121	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	2	22.5	22.5	30.	15.	112.5	10.607	**	**	**	**

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Annual Analysis for 1985 - Station GATE0140

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-04/10/87	2	12.	12.	18.	6.	72.	8.485	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/12/75-08/11/86	2	2.	2.	2.	2.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-04/10/87	2	39500.	39500.	40000.	39000.	500000.	707.107	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/30/74-04/10/87	2	13.4	13.4	13.8	13.	0.32	0.566	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	2	4.	4.	6.	2.	8.	2.828	**	**	**	**

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Annual Analysis for 1985 - Station GATE0140

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	2	27.	27.	29.	25.	8.	2.828	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GATE0140

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-04/10/87	21	20.4	16.8	26.7	1.	60.409	7.772	3.02	10.35	22.2	26.46
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/12/75-08/11/86	2	1.	1.	1.	1.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-04/10/87	20	40100.	39860.	50000.	29000.	41507789.474	6442.654	30150.	35250.	46750.	48400.
00300	OXYGEN, DISSOLVED MG/L	07/30/74-04/10/87	22	6.75	7.368	14.	5.9	4.644	2.155	5.9	6.2	7.4	11.85
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	2	5.5	5.5	8.	3.	12.5	3.536	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	2	30.	30.	32.	28.	8.	2.828	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GATE0140

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-04/10/87	19	7.5	5.837	9.5	2.4	7.471	2.733	2.6	2.9	8.2	9.2
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-04/10/87	20	40000.	37665.	48000.	22000.	87822394.737	9371.36	22520.	31625.	45500.	47450.
00300	OXYGEN, DISSOLVED MG/L	07/30/74-04/10/87	19	10.2	10.263	11.5	9.	0.58	0.762	9.2	9.6	10.8	11.5
00400	PH (STANDARD UNITS)	03/12/75-02/19/87	1	11.3	11.3	11.3	11.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/12/75-02/19/87	1	11.3	11.3	11.3	11.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/12/75-02/19/87	1	0.	0.	0.	0.	0.	0.	**	**	**	**

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Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0140

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-04/10/87	46	20.7	20.746	26.7	10.3	10.525	3.244	16.91	19.4	22.625	24.54
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/12/75-08/11/86	28	1.	1.429	3.	0.	0.624	0.79	0.9	1.	2.	3.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-04/10/87	39	45000.	42889.744	50000.	29000.	27845155.196	5276.851	35000.	40000.	47000.	49000.
00300	OXYGEN, DISSOLVED MG/L	07/30/74-04/10/87	47	6.8	6.945	9.6	4.2	1.232	1.11	5.86	6.2	7.6	8.72
00310	BOD, 5 DAY, 20 DEG C MG/L	07/30/74-02/19/87	16	2.8	2.788	4.9	0.	2.268	1.506	0.49	1.625	4.1	4.83
00400	PH (STANDARD UNITS)	03/12/75-02/19/87	19	7.8	7.732	8.	7.2	0.047	0.216	7.3	7.6	7.9	8.
00400	CONVERTED PH (STANDARD UNITS)	03/12/75-02/19/87	19	7.8	7.672	8.	7.2	0.05	0.225	7.3	7.6	7.9	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/12/75-02/19/87	19	0.016	0.021	0.063	0.01	0.	0.014	0.01	0.013	0.025	0.05
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/13/74-02/19/87	21	0.28	0.264	0.7	0.04	0.026	0.161	0.06	0.09	0.35	0.438
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/29/76-08/26/86	11	0.43	0.456	0.88	0.13	0.062	0.249	0.136	0.17	0.65	0.848
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/29/76-02/19/87	16	0.08	0.129	0.35	0.01	0.015	0.12	0.017	0.03	0.198	0.343
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/29/76-02/19/87	16	0.07	0.088	0.22	0.04	0.003	0.053	0.047	0.06	0.098	0.213
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/13/74-02/19/87	17	0.04	0.043	0.14	0.01	0.001	0.032	0.01	0.02	0.06	0.084
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	33	7.	8.788	21.	1.	24.797	4.98	3.4	6.	11.5	18.2
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	32	32.	31.656	39.	19.	13.394	3.66	28.	29.25	34.	36.
01002	ARSENIC, TOTAL (UG/L AS AS)	05/09/79-02/19/87	8	1.5	1.875	4.	1.	1.268	1.126	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	08/13/74-02/19/87	13	0.5	1.285	6.	0.25	3.638	1.907	0.25	0.25	1.	5.6
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/13/74-02/19/87	14 ##	2.5	3.25	19.	0.5	22.106	4.702	0.5	0.5	2.625	12.
01037	COBALT, TOTAL (UG/L AS CO)	12/18/74-03/02/83	5	3.	4.8	16.	0.5	41.575	6.448	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/13/74-02/19/87	14	11.	31.786	125.	2.	1486.489	38.555	3.	5.	55.	109.
01045	IRON, TOTAL (UG/L AS FE)	12/18/74-02/19/87	10	63.5	60.4	140.	4.	1810.044	42.545	4.4	13.25	87.	135.
01051	LEAD, TOTAL (UG/L AS PB)	08/13/74-02/19/87	13	10.	21.	90.	2.5	597.958	24.453	2.5	9.5	27.5	74.
01067	NICKEL, TOTAL (UG/L AS NI)	08/13/74-02/19/87	14 ##	2.5	11.214	45.	2.5	193.412	13.907	2.5	2.5	16.	40.
01077	SILVER, TOTAL (UG/L AS AG)	12/18/74-02/19/87	11	1.	3.455	21.	0.5	36.023	6.002	0.5	1.	4.	17.8
01092	ZINC, TOTAL (UG/L AS ZN)	08/13/74-02/19/87	14	67.	70.536	215.	0.5	4270.402	65.348	0.75	10.5	100.25	195.
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	08/13/74-09/09/82	21	82.	3726.286	55000.	5.	146220213.214	12092.155	6.	20.	800.	10440.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	08/13/74-09/09/82	21	1.914	2.186	4.74	0.699	1.216	1.103	0.759	1.301	2.889	4.016
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			153.296								
71900	MERCURY, TOTAL (UG/L AS HG)	08/13/74-02/19/87	13	0.1	0.331	1.4	0.05	0.17	0.412	0.05	0.05	0.5	1.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0140

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-04/10/87	42	4.05	5.576	14.	0.5	15.861	3.983	1.	2.475	9.575	11.38
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/12/75-08/11/86	24	2.	2.917	8.	1.	4.514	2.125	1.	1.	4.	7.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-04/10/87	41	45000.	43146.341	50000.	26000.	29178048.78	5401.671	35200.	40500.	47000.	48000.
00300	OXYGEN, DISSOLVED MG/L	07/30/74-04/10/87	41	10.2	10.073	15.6	6.7	4.996	2.235	7.34	7.8	11.5	13.08
00310	BOD, 5 DAY, 20 DEG C MG/L	07/30/74-02/19/87	16	3.05	3.044	9.	0.6	4.537	2.13	0.74	1.5	3.9	6.55
00400	PH (STANDARD UNITS)	03/12/75-02/19/87	19	7.9	8.058	11.3	7.2	0.69	0.831	7.5	7.8	8.1	8.3
00400	CONVERTED PH (STANDARD UNITS)	03/12/75-02/19/87	19	7.9	7.807	11.3	7.2	0.757	0.87	7.5	7.8	8.1	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/12/75-02/19/87	19	0.013	0.016	0.063	0.	0.	0.014	0.005	0.008	0.016	0.032
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/13/74-02/19/87	18	0.34	0.368	0.82	0.06	0.048	0.219	0.078	0.193	0.47	0.739
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/29/76-08/26/86	7	0.65	0.71	1.28	0.41	0.072	0.269	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/29/76-02/19/87	14	0.165	0.218	0.62	0.02	0.028	0.167	0.03	0.1	0.323	0.525
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/29/76-02/19/87	14	0.1	0.179	1.39	0.03	0.123	0.351	0.04	0.05	0.125	0.765
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/13/74-02/19/87	14	0.03	0.072	0.52	0.005	0.018	0.133	0.008	0.01	0.083	0.31
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	24	7.5	8.792	20.	1.	27.824	5.275	2.	4.5	12.75	18.
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	24	30.	29.292	35.	15.	25.172	5.017	20.	29.	32.	34.5
01002	ARSENIC, TOTAL (UG/L AS AS)	05/09/79-02/19/87	9	2.	2.111	4.	1.	1.111	1.054	1.	1.	3.	4.
01027	CADMIUM, TOTAL (UG/L AS CD)	08/13/74-02/19/87	17 ##	0.25	1.038	5.	0.25	1.831	1.353	0.25	0.25	1.	3.4
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/13/74-02/19/87	17	2.5	4.059	20.	0.5	23.184	4.815	0.5	2.	4.	12.
01037	COBALT, TOTAL (UG/L AS CO)	12/18/74-03/02/83	9 ##	0.5	2.444	10.	0.5	11.59	3.404	0.5	0.5	4.5	10.
01042	COPPER, TOTAL (UG/L AS CU)	08/13/74-02/19/87	17	30.	45.588	105.	2.	1242.382	35.247	7.6	14.	83.5	101.
01045	IRON, TOTAL (UG/L AS FE)	12/18/74-02/19/87	14	173.5	205.643	600.	24.	31637.17	177.868	28.	34.75	295.	522.
01051	LEAD, TOTAL (UG/L AS PB)	08/13/74-02/19/87	17	10.	15.059	50.	2.5	198.496	14.089	2.5	4.75	16.5	46.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0140

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01067	NICKEL, TOTAL (UG/L AS NI)	08/13/74-02/19/87	17	5.	7.706	35.	2.5	62.377	7.898	2.5	2.5	9.5	19.
01077	SILVER, TOTAL (UG/L AS AG)	12/18/74-02/19/87	14	2.	2.5	9.	0.5	5.885	2.426	0.5	0.5	3.5	7.
01092	ZINC, TOTAL (UG/L AS ZN)	08/13/74-02/19/87	17	71.	75.559	255.	0.5	4048.809	63.63	9.7	23.5	104.5	177.4
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	08/13/74-09/09/82	15	900.	1870.267	17000.	50.	17789838.21	4217.8	50.	370.	1400.	7760.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	08/13/74-09/09/82	15	2.954	2.795	4.23	1.699	0.441	0.664	1.699	2.568	3.146	3.615
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			623.174								
71900	MERCURY, TOTAL (UG/L AS HG)	08/13/74-02/19/87	17	0.1	0.179	0.5	0.05	0.022	0.148	0.05	0.1	0.2	0.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0140

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/74-04/10/87	48	17.	15.342	25.6	5.3	33.352	5.775	7.97	9.225	20.3	22.1
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/12/75-08/11/86	34	2.	1.735	4.	0.	0.685	0.828	1.	1.	2.	3.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-04/10/87	46	43500.	41028.261	50000.	22000.	59634072.464	7722.31	28200.	35875.	47000.	49150.
00300	OXYGEN, DISSOLVED MG/L	07/30/74-04/10/87	48	8.45	8.335	13.8	4.1	4.039	2.01	5.8	7.	9.75	10.8
00310	BOD, 5 DAY, 20 DEG C MG/L	07/30/74-02/19/87	20	2.4	3.04	6.	0.6	2.857	1.69	0.95	1.725	4.65	5.59
00400	PH (STANDARD UNITS)	03/12/75-02/19/87	29	7.9	7.845	8.4	7.3	0.08	0.284	7.4	7.6	8.05	8.2
00400	CONVERTED PH (STANDARD UNITS)	03/12/75-02/19/87	29	7.9	7.759	8.4	7.3	0.088	0.297	7.4	7.6	8.05	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/12/75-02/19/87	29	0.013	0.017	0.05	0.004	0.	0.011	0.006	0.009	0.025	0.04
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/13/74-02/19/87	22	0.13	0.172	0.43	0.02	0.018	0.134	0.029	0.075	0.278	0.401
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/29/76-08/26/86	16	0.47	0.513	1.33	0.03	0.117	0.342	0.135	0.22	0.638	1.113
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/29/76-02/19/87	19	0.06	0.12	0.6	0.005	0.021	0.145	0.01	0.03	0.16	0.28
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/29/76-02/19/87	19	0.07	0.084	0.19	0.01	0.002	0.05	0.02	0.05	0.12	0.18
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/13/74-02/19/87	16	0.03	0.046	0.22	0.01	0.003	0.053	0.01	0.01	0.068	0.122
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-08/11/86	28	8.	9.036	23.	1.	28.702	5.357	3.8	5.	11.	18.3
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-08/11/86	34	31.	31.324	37.	25.	6.953	2.637	28.5	30.	33.	35.
01002	ARSENIC, TOTAL (UG/L AS AS)	05/09/79-02/19/87	2 ##	3.5	3.5	5.	2.	4.5	2.121	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	08/13/74-02/19/87	11	1.	0.841	2.	0.25	0.453	0.673	0.25	0.25	1.	2.
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/13/74-02/19/87	11 ##	2.5	2.273	2.5	0.5	0.368	0.607	0.8	2.5	2.5	2.5
01037	COBALT, TOTAL (UG/L AS CO)	12/18/74-03/02/83	5	1.	3.3	7.	0.5	11.45	3.384	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/13/74-02/19/87	11	34.	34.545	76.	5.	369.673	19.227	7.6	19.	45.	71.6
01045	IRON, TOTAL (UG/L AS FE)	12/18/74-02/19/87	5	84.	84.4	132.	13.	2085.3	45.665	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	08/13/74-02/19/87	11	11.	13.364	30.	5.	66.255	8.14	5.	5.	16.	29.
01067	NICKEL, TOTAL (UG/L AS NI)	08/13/74-02/19/87	11	5.	6.773	23.	2.5	39.468	6.282	2.5	2.5	9.	20.8
01077	SILVER, TOTAL (UG/L AS AG)	12/18/74-02/19/87	5	1.	1.8	5.	1.	3.2	1.789	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/13/74-02/19/87	11	64.	76.909	166.	18.	2701.491	51.976	19.	30.	118.	163.4
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	08/13/74-09/09/82	26	225.	5602.615	100000.	5.	414922497.046	20369.646	5.	17.5	460.	13840.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	08/13/74-09/09/82	26	2.339	2.231	5.	0.699	1.237	1.112	0.699	1.226	2.662	3.961
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			170.376								
71900	MERCURY, TOTAL (UG/L AS HG)	08/13/74-02/19/87	7	0.1	0.136	0.4	0.05	0.016	0.128	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0141

NPS Station ID: GATE0141
LAT/LON: 40.549726/ -73.943892
Agency: 11NYCOR
Date Created: 09/08/79
Location: ROCKAWAY INLET CHNL SOUTH OF SECOND LIGHT
FIPS State/County: 36081 NEW YORK/QUEENS
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): NYCOR72
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METRO AREA
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 3.10
On/Off RF1:
RF3 Index: 02030202002709.04
RF3 Mile Point: 15.77
Distance from RF3: 0.18
On/Off RF3:
Description:
NEW YORK CORPS OF ENGINEERS DREDGING STUDIES

Parameter Inventory for Station: GATE0141

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	05/15/75-05/15/75	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/15/75-05/15/75	1	3.19	3.19	3.19	3.19	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/15/75-05/15/75	1	3.1	3.1	3.1	3.1	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	05/15/75-05/15/75	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	05/15/75-05/15/75	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/15/75-05/15/75	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	05/15/75-05/15/75	1	20.	20.	20.	20.	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	05/15/75-05/15/75	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GATE0142

NPS Station ID: GATE0142
LAT/LON: 40.543615/ -73.944448
Agency: 11NYCOR
Date Created: 09/08/79
Location: CHANNEL ENT TO RCKWY INLET N OF FIRST LIGHT
FIPS State/County: 36081 NEW YORK/QUEENS
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): NYCOR71
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METRO AREA
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202002709.04
RF3 Mile Point: 43.21
Distance from RF3: 0.08
On/Off RF3:
Description:
NEW YORK CORPS OF ENGINEERS DREDGING STUDIES

Parameter Inventory for Station: GATE0142

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	05/15/75-05/15/75	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/15/75-05/15/75	1	0.53	0.53	0.53	0.53	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/15/75-05/15/75	1	4.9	4.9	4.9	4.9	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	05/15/75-05/15/75	1	4.7	4.7	4.7	4.7	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	05/15/75-05/15/75	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/15/75-05/15/75	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	05/15/75-05/15/75	1	15.	15.	15.	15.	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	05/15/75-05/15/75	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GATE0143

NPS Station ID: GATE0143
LAT/LON: 40.529448/ -73.946392
Agency: 1111H030
Date Created: / /
Location: ATLANTIC OCEAN (J12)
FIPS State/County: 36081 NEW YORK/
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): 403146007356470/J12 /MI PT 0.0
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC:
Depth of Water: 23
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-N.Y. METROPOLI
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030201000101.63
RF3 Mile Point: 3.68
Distance from RF3: 0.20
On/Off RF3:
Description:
STATION IS LOCATED IN ATLANTIC OCEAN ABOUT 1.7 MILES SOUTH OF ROCKAWAY POINT AT GONG R2.
DATA COLLECTED BY CITY OF NEW YORK DEPARTMENT OF PUBLIC WORKS.

Parameter Inventory for Station: GATE0143

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/03/66-08/24/66	12	14.05	13.133	23.	3.5	59.65	7.723	3.5	4.5	21.125	22.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/03/66-08/24/66	12	16.	14.333	23.	4.	63.879	7.992	4.	5.	22.	23.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/03/66-08/24/66	12	1.7	1.95	3.	1.3	0.423	0.65	1.3	1.425	2.6	3.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/03/66-08/24/66	12	30650.	30441.667	39100.	21000.	33862651.515	5819.162	21180.	26000.	34100.	39040.
00300	OXYGEN, DISSOLVED MG/L	03/03/66-08/24/66	12	9.2	8.292	10.9	4.3	5.817	2.412	4.51	5.5	10.025	10.9
00310	BOD, 5 DAY, 20 DEG C MG/L	03/03/66-08/24/66	12	1.5	1.642	2.7	0.5	0.41	0.64	0.71	1.2	2.275	2.61
00400	PH (STANDARD UNITS)	03/03/66-08/24/66	12	7.6	7.567	7.8	7.2	0.035	0.187	7.26	7.4	7.7	7.8
00400	CONVERTED PH (STANDARD UNITS)	03/03/66-08/24/66	12	7.6	7.528	7.8	7.2	0.037	0.192	7.26	7.4	7.7	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/03/66-08/24/66	12	0.025	0.03	0.063	0.016	0.	0.014	0.016	0.02	0.04	0.056
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/25/66-06/23/66	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/03/66-08/24/66	12	0.015	0.016	0.03	0.01	0.	0.007	0.01	0.01	0.02	0.027
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/03/66-08/24/66	12	0.075	0.082	0.14	0.03	0.002	0.039	0.033	0.043	0.12	0.134
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/03/66-08/24/66	11	0.51	0.551	1.02	0.24	0.082	0.287	0.24	0.26	0.88	0.992
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	03/03/66-07/25/66	10	0.34	0.51	1.43	0.12	0.252	0.502	0.121	0.153	0.763	1.43
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/03/66-08/24/66	12	0.245	0.24	0.44	0.09	0.013	0.113	0.09	0.12	0.308	0.422
00940	CHLORIDE,TOTAL IN WATER MG/L	03/03/66-08/24/66	12	16350.	15925.	17700.	13200.	1907500.	1381.123	13350.	15325.	16675.	17670.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/03/66-08/24/66	12	72.	1639.417	7300.	2.	7702422.265	2775.324	2.	8.75	3700.	7030.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/03/66-08/24/66	12	1.851	2.045	3.863	0.301	1.711	1.308	0.301	0.849	3.465	3.846
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			110.843								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/03/66-08/24/66	12	26.	443.333	2000.	2.	594972.606	771.345	2.	3.5	750.	2000.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/03/66-08/24/66	12	1.414	1.618	3.301	0.301	1.292	1.137	0.301	0.452	2.835	3.301
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			41.489								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/03/66-08/24/66	12 ##	3.	159.417	760.	1.	72696.992	269.624	1.	1.25	382.5	694.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/03/66-08/24/66	12 ##	0.452	1.072	2.881	0.	1.369	1.17	0.	0.075	2.524	2.836
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			11.816								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0143

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	12	0	0.00	2	0	0.00	4	0	0.00	6	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	12	0	0.00	2	0	0.00	4	0	0.00	6	0	0.00			
00400	PH	Other-Hi Lim.	9.	12	0	0.00	2	0	0.00	4	0	0.00	6	0	0.00			
		Other-Lo Lim.	6.5	12	0	0.00	2	0	0.00	4	0	0.00	6	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	12	3	0.25	2	0	0.00	4	3	0.75	6	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	12	4	0.33	2	0	0.00	4	4	1.00	6	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0144

NPS Station ID: GATE0144 | LAT/LON: 40.555838/ -73.947504 | Agency: 31ISC2RS | Date Created: 01/04/86
Location: ROCKAWAY INLET | FIPS State/County: 36047 NEW YORK/KINGS
Station Type: /TYPA/AMBNT/ESTURY | STORET Station ID(s): RI-03 /RI03 /4303
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 02030202 | Depth of Water: 0 | Aquifer:
Major Basin: NORTHEAST | Elevation: 0 | Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METROPOLITAN AREA | ECO Region:
RF1 Index: 02030202 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 02030202002909.75 | RF3 Mile Point: 15.24 | Distance from RF3: 0.01 | On/Off RF3:
Description:
NW OF LOOKOUT TOWER ON ROCKAWAY POINT GONG "9" FL G 4 SEC BUOY IN ROCKAWAY INLET

Parameter Inventory for Station: GATE0144

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/11/82-08/11/86	15	19.5	15.06	24.	0.5	80.84	8.991	0.8	5.	22.	23.4
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/11/82-08/11/86	11	1.	1.182	2.	0.	0.764	0.874	0.	0.	2.	2.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/11/82-08/11/86	14	41000.	39835.714	46000.	29000.	26447087.912	5142.673	29500.	37750.	43775.	45750.
00300	OXYGEN, DISSOLVED MG/L	08/11/82-08/11/86	14	9.2	9.586	15.	5.	8.226	2.868	5.75	7.475	12.25	14.
00560	OIL & GREASE (FREON EXTR.-IR METHOD) TOT,REC,MG/L	09/09/82-03/10/86	6	0.15	0.133	0.2	0.	0.007	0.082	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/11/82-09/06/83	3	0.35	0.242	0.37	0.005	0.042	0.205	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/11/82-09/06/83	2	0.515	0.515	0.7	0.33	0.068	0.262	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/11/82-03/02/83	2	0.145	0.145	0.16	0.13	0.	0.021	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/06/83-09/06/83	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/02/83-09/06/83	2	0.02	0.02	0.03	0.01	0.	0.014	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/11/82-08/11/86	12	5.5	5.833	15.	0.	18.152	4.26	0.3	3.	8.5	13.8
00690	CARBON, TOTAL (MG/L AS C)	08/11/82-08/11/86	12	28.	27.167	33.	15.	30.152	5.491	15.9	25.75	31.5	32.7
01002	ARSENIC, TOTAL (UG/L AS AS)	08/11/82-08/11/86	7 ##	1.	1.286	3.	1.	0.571	0.756	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	08/11/82-08/11/86	7 ##	0.25	0.857	3.	0.25	1.018	1.009	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/11/82-08/11/86	6	2.5	6.917	21.	0.5	72.842	8.535	**	**	**	**
01037	COBALT, TOTAL (UG/L AS CO)	08/11/82-03/02/83	2	3.	3.	3.	3.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/11/82-08/11/86	7	9.	14.857	58.	3.	369.143	19.213	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	03/02/83-08/11/86	6	93.	115.833	257.	8.	10308.167	101.529	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	03/02/83-08/11/86	6 ##	2.5	5.667	13.	2.5	24.467	4.946	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	08/11/82-08/11/86	7	5.	6.429	13.	2.5	16.536	4.066	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	08/11/82-08/11/86	7	2.	6.286	21.	0.5	68.488	8.276	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/11/82-08/11/86	7	10.	19.5	71.	0.5	606.75	24.632	**	**	**	**
01102	TIN, TOTAL (UG/L AS SN)	03/02/83-03/02/83	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	08/11/82-03/02/83	2	27.	27.	44.	10.	578.	24.042	**	**	**	**
31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	08/11/82-09/09/82	2	6700.	6700.	10000.	3400.	21780000.	4666.905	**	**	**	**
31504	LOG COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,	08/11/82-09/09/82	2	3.766	3.766	4.	3.531	0.11	0.331	**	**	**	**
31504	GM COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,3	GEOMETRIC MEAN =			5830.952								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/02/83-08/11/86	10	2950.	6746.	24000.	230.	63082960.	7942.478	240.	1057.5	10900.	23200.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/02/83-08/11/86	10	3.462	3.454	4.38	2.362	0.473	0.687	2.377	2.965	4.024	4.363
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			2847.288								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	08/11/82-09/09/82	2	1185.	1185.	1800.	570.	756450.	869.741	**	**	**	**
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	08/11/82-09/09/82	2	3.006	3.006	3.255	2.756	0.125	0.353	**	**	**	**
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1012.917								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/02/83-08/11/86	10	410.	4634.	24000.	20.	59862360.	7737.077	26.	87.5	9200.	22520.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/02/83-08/11/86	10	2.604	2.824	4.38	1.301	1.105	1.051	1.361	1.941	3.964	4.339
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			666.187								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GATE0144

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/11/82-08/11/86	8	7.	7.375	13.	1.	22.268	4.719	**	**	**	**
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	08/11/82-08/11/86	8	0.5	0.75	2.	0.	0.786	0.886	**	**	**	**
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	08/11/82-08/11/86	8	3.5	4.25	13.	0.	18.214	4.268	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	08/11/82-08/11/86	7	0.2	0.164	0.4	0.05	0.016	0.128	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0144

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	11	0	0.00	5	0	0.00	4	0	0.00	2	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	14	0	0.00	7	0	0.00	4	0	0.00	3	0	0.00			
01002	ARSENIC, TOTAL	Marine Acute	69.	7	0	0.00	3	0	0.00	4	0	0.00						
01027	CADMIUM, TOTAL	Marine Acute	43.	7	0	0.00	3	0	0.00	4	0	0.00						
01042	COPPER, TOTAL	Marine Acute	2.9	7	7	1.00	3	3	1.00	4	4	1.00						
01051	LEAD, TOTAL	Marine Acute	220.	6	0	0.00	2	0	0.00	4	0	0.00						
01067	NICKEL, TOTAL	Marine Acute	75.	7	0	0.00	3	0	0.00	4	0	0.00						
01077	SILVER, TOTAL	Marine Acute	0.12	5 &	5	1.00	3	3	1.00	2	2	1.00						
01092	ZINC, TOTAL	Marine Acute	95.	7	0	0.00	3	0	0.00	4	0	0.00						
31504	COLIFORM,TOT,MEMBRANE FILTR,IMMED. LES-E	Other-Hi Lim.	1000.	2	2	1.00	2	2	1.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	10	8	0.80	3	2	0.67	4	4	1.00	3	2	0.67			
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	2	2	1.00	2	2	1.00									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	10	6	0.60	3	1	0.33	4	3	0.75	3	2	0.67			
71900	MERCURY, TOTAL	Marine Acute	2.1	7	0	0.00	3	0	0.00	4	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0145

NPS Station ID: GATE0145 LAT/LON: 40.419170/ -73.956670 Agency: 1111H030 Date Created: 10/30/82
Location: 1 NAUTICAL MILE EAST OF ATLANTIC HIGHLANDS FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/OCEAN STORET Station ID(s): 9-9
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: Depth of Water: 29 Aquifer:
Major Basin: NORTHEAST Elevation: 0 Water Body Id:
Minor Basin: NEW JERSEY COASTAL ATLANTIC OCEAN ECO Region:
RF1 Index: RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:

Parameter Inventory for Station: GATE0145

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/23/83-08/23/83	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/23/83-08/23/83	1	3.4	3.4	3.4	3.4	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	01/14/87-01/14/87	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	01/14/87-01/14/87	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	01/14/87-01/14/87	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	01/14/87-01/14/87	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/05/82-09/05/82	1	790.	790.	790.	790.	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/05/82-09/05/82	1	2.898	2.898	2.898	2.898	0.	0.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			790.								
31521	COLIFORM,TOT,MPN,IN BOT DEPOS,CONFIRM (MPN/100G)	09/05/82-09/05/82	1	80.	80.	80.	80.	0.	0.	**	**	**	**
31521	LOG COLIFORM,TOT,MPN,IN BOT DEPOS,CONFIRM (MPN/100	09/05/82-09/05/82	1	1.903	1.903	1.903	1.903	0.	0.	**	**	**	**
31521	GM COLIFORM,TOT,MPN,IN BOT DEPOS,CONFIRM (MPN/100G	GEOMETRIC MEAN =			80.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/05/82-09/05/82	1	230.	230.	230.	230.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/05/82-09/05/82	1	2.362	2.362	2.362	2.362	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			230.								
31641	FECAL COLIFORM,MPN IN BOT DEPOS,EC MED (MPN/100G)	09/05/82-09/05/82	1	20.	20.	20.	20.	0.	0.	**	**	**	**
31641	LOG FECAL COLIFORM,MPN IN BOT DEPOS,EC MED (MPN/10	09/05/82-09/05/82	1	1.301	1.301	1.301	1.301	0.	0.	**	**	**	**
31641	GM FECAL COLIFORM,MPN IN BOT DEPOS,EC MED (MPN/100	GEOMETRIC MEAN =			20.								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	01/14/87-01/14/87	1	74.	74.	74.	74.	0.	0.	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	01/14/87-01/14/87	1	1.869	1.869	1.869	1.869	0.	0.	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			74.								
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	09/05/82-09/05/82	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
31677	LOG FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678	09/05/82-09/05/82	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
31677	GM FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	GEOMETRIC MEAN =			10.								
31690	FECAL STREPTOCOCCI,MPN IN BOT DEPOS,AD-EVA BROTH	09/05/82-09/05/82	2 ##	21.5	21.5	33.	10.	264.5	16.263	**	**	**	**
31690	LOG FECAL STREPTOCOCCI,MPN IN BOT DEPOS,AD-EVA BRO	09/05/82-09/05/82	2 ##	1.259	1.259	1.519	1.	0.134	0.367	**	**	**	**
31690	GM FECAL STREPTOCOCCI,MPN IN BOT DEPOS,AD-EVA BROT	GEOMETRIC MEAN =			18.166								
70322	SOLIDS, VOLATILE, PERCENT OF TOTAL SOLIDS	08/23/83-08/23/83	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	01/14/87-01/14/87	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
71975	ORGANICS IN SEDIMENT GRAVIMETRICCORR.FOR H2O,MG/KG	09/05/82-08/23/83	2	6580.	6580.	10100.	3060.	24780800.	4978.032	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0145

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	1	0	0.00	1	0	0.00									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	1	1	1.00	1	1	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0146

NPS Station ID: GATE0146
LAT/LON: 40.408337/ -73.958338
Agency: 1111H030
Date Created: 08/18/79
Location: ATLANTIC OCEAN - 1 NAUTICAL MILES OFF SANDY HOOK
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): JC05E
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: NEW JERSEY COAST
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0146

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/79-05/17/79	2	13.05	13.05	13.1	13.	0.005	0.071	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/17/79-05/17/79	2	8.55	8.55	8.7	8.4	0.045	0.212	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0146

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00							2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0147

NPS Station ID: GATE0147
LAT/LON: 40.398337/ -73.960004
Agency: 1111H030
Date Created: 07/27/84
Location: CHRISTIAENSEN BASIN - ATLANTIC OCEAN
FIPS State/County: 34991 NEW JERSEY/
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): 9-10 /A-23
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: NJ COASTAL
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0147

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/23/83-08/23/83	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/23/83-08/23/83	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	01/14/87-09/04/88	2 ##	0.15	0.15	0.2	0.1	0.005	0.071	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	01/14/87-09/04/88	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	01/14/87-09/04/88	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	01/14/87-09/04/88	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	01/14/87-09/04/88	2 ##	0.3	0.3	0.5	0.1	0.08	0.283	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	01/14/87-09/04/88	2	9.2	9.2	10.6	7.8	3.92	1.98	**	**	**	**
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	01/14/87-09/04/88	2	88.	88.	147.	29.	6962.	83.439	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	01/14/87-09/04/88	2	1.815	1.815	2.167	1.462	0.248	0.498	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			65.292								
70322	SOLIDS, VOLATILE, PERCENT OF TOTAL SOLIDS	08/23/83-08/23/83	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	01/14/87-09/04/88	2 ##	0.075	0.075	0.1	0.05	0.001	0.035	**	**	**	**
71975	ORGANICS IN SEDIMENT GRAVIMETRICCORR.FOR H2O,MG/KG	08/23/83-08/23/83	1	2510.	2510.	2510.	2510.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GATE0148

NPS Station ID: GATE0148
LAT/LON: 40.446670/ -73.965005
Agency: REGII208
Date Created: 05/25/78
Location: LOWER NEW YORK BAY
FIPS State/County: 34025 NEW JERSEY/
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): NYC001B6 /B6
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC:
Depth of Water: 19
Aquifer:
Major Basin: 1 MI EAST SANDY HOOK
Elevation: 0
Water Body Id:
Minor Basin: OFF LARGEST RADAR DOME
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J.
TIDE CORRECTION (H/L): (-0:01/ 0:00)
ASSOCIATED NOAA WEATHER STATION: 7865

Parameter Inventory for Station: GATE0148

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/16/76-07/18/77	8	18.6	15.888	22.1	5.8	42.11	6.489	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	12/16/76-07/18/77	8	8.	7.763	9.4	5.3	2.363	1.537	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/17/75-07/18/77	6	1.4	1.483	2.3	0.7	0.314	0.56	**	**	**	**
00400	PH (STANDARD UNITS)	09/17/75-12/16/76	3	8.	8.1	8.4	7.9	0.07	0.265	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/17/75-12/16/76	3	8.	8.053	8.4	7.9	0.073	0.271	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/17/75-12/16/76	3	0.01	0.009	0.013	0.004	0.	0.004	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/17/75-07/18/77	6	5.5	5.5	10.	2.	7.1	2.665	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/17/75-07/18/77	6	0.059	0.061	0.11	0.015	0.001	0.038	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/17/75-07/18/77	6	0.017	0.057	0.153	0.002	0.005	0.071	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/17/75-07/18/77	6	0.03	0.052	0.17	0.01	0.004	0.061	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/17/75-07/18/77	6	0.43	0.546	1.2	0.26	0.119	0.346	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/17/75-07/18/77	6	0.095	0.159	0.33	0.06	0.014	0.118	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	12/16/76-07/18/77	8	17350.	17062.5	17600.	16000.	405535.714	636.817	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/17/75-07/18/77	6	80.	125.	330.	10.	12670.	112.561	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/17/75-07/18/77	6	1.903	1.91	2.519	1.	0.26	0.51	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			81.228								
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	09/17/75-07/18/77	6	5.	5.	5.	5.	0.	0.	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	09/17/75-07/18/77	6	0.699	0.699	0.699	0.699	0.	0.	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			5.								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	09/17/75-07/18/77	6	5.	5.	5.	5.	0.	0.	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	09/17/75-07/18/77	6	0.699	0.699	0.699	0.699	0.	0.	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			5.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/17/75-07/18/77	6	20.	26.667	50.	10.	226.667	15.055	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/17/75-07/18/77	6	1.301	1.367	1.699	1.	0.063	0.25	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			23.3								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/17/75-07/18/77	6	0.037	0.036	0.051	0.021	0.	0.01	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0148

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	8	0	0.00				2	0	0.00	6	0	0.00			
00400	PH	Other-Hi Lim.	9.	3	0	0.00	2	0	0.00	1	0	0.00						
		Other-Lo Lim.	6.5	3	0	0.00	2	0	0.00	1	0	0.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	6	0	0.00	2	0	0.00	1	0	0.00	3	0	0.00			
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	6	0	0.00	2	0	0.00	1	0	0.00	3	0	0.00			
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	6	0	0.00	2	0	0.00	1	0	0.00	3	0	0.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	6	0	0.00	2	0	0.00	1	0	0.00	3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0149

NPS Station ID: GATE0149 LAT/LON: 40.391392/ -73.965005 Agency: 21NJDEP1 Date Created: 06/06/81
Location: HIGHLANDS AREA FIPS State/County: 34991 NEW JERSEY/
Station Type: /TYPA/AMBNT/OCEAN STORET Station ID(s): L6964236682 /A8A /SF56010
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: Depth of Water: 32 Aquifer:
Major Basin: NORTHEAST MAJOR BASIN Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA ECO Region:
RF1 Index: RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J. TIDE CORRECTION (H/L): (-0:34/-0:45)
ASSOCIATED NOAA WEATHER STATION: 5796

Parameter Inventory for Station: GATE0149

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/20/78-11/04/93	20	12.2	10.73	23.2	0.	55.253	7.433	0.	1.75	16.175	19.73
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/20/78-11/04/93	40	16.8	16.94	28.	4.5	38.776	6.227	7.58	12.15	22.275	25.
00035	WIND VELOCITY (MILES PER HOUR)	10/20/78-11/04/93	40	8.	7.35	15.	1.	16.746	4.092	2.	2.75	11.5	12.
00480	SALINITY - PARTS PER THOUSAND	10/20/78-08/08/79	15	30.6	30.16	34.9	24.6	5.964	2.442	26.64	28.5	31.7	33.76
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/20/78-11/04/93	34	4.	50.206	460.	1.5	9583.259	97.894	1.5	1.5	75.	195.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/20/78-11/04/93	34	0.602	0.923	2.663	0.176	0.726	0.852	0.176	0.176	1.875	2.278
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			8.385								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/20/78-11/04/93	34 ##	1.5	25.	460.	1.5	7565.727	86.981	1.5	1.5	7.5	21.5
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/20/78-11/04/93	34 ##	0.176	0.575	2.663	0.176	0.396	0.629	0.176	0.176	0.872	1.331
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.76								
31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	10/20/78-08/08/79	29	9.	13.828	23.	9.	45.862	6.772	9.	9.	23.	23.
31678	LOG FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATI	10/20/78-08/08/79	29	0.954	1.095	1.362	0.954	0.039	0.197	0.954	0.954	1.362	1.362
31678	GM FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATIO	GEOMETRIC MEAN =			12.438								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	06/12/76-11/04/93	41	11000.	6232.927	11445.	0.	26816747.32	5178.489	0.	1345.	11222.5	11400.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0149

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	34	0	0.00	9	0	0.00	5	0	0.00	20	0	0.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	34	2	0.06	9	1	0.11	5	0	0.00	20	1	0.05			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0150

NPS Station ID: GATE0150 LAT/LON: 40.410003/ -73.965838 Agency: 21NJDEP1 Date Created: 06/06/81
Location: HIGHLANDS AREA FIPS State/County: 34991 NEW JERSEY/
Station Type: /TYPA/AMBNT/OCEAN STORET Station ID(s): L6967736795 /A7A /SF56009
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: Depth of Water: 23 Aquifer:
Major Basin: NORTHEAST MAJOR BASIN Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA ECO Region:
RF1 Index: RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J. TIDE CORRECTION (H/L): (-0:34/-0:45)
ASSOCIATED NOAA WEATHER STATION: 5796

Parameter Inventory for Station: GATE0150

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/20/78-08/08/79	15	15.6	14.92	23.2	7.	17.752	4.213	8.62	12.	16.9	22.18
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/20/78-08/08/79	30	16.2	15.233	25.	4.5	29.606	5.441	7.2	12.	18.6	23.
00035	WIND VELOCITY (MILES PER HOUR)	10/20/78-08/08/79	30	8.	7.8	15.	1.	19.476	4.413	2.	2.	12.	12.
00480	SALINITY - PARTS PER THOUSAND	10/20/78-08/08/79	15	29.4	29.913	34.8	24.6	6.344	2.519	26.52	28.3	31.8	33.72
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/20/78-08/08/79	30	4.	95.983	1100.	1.5	75906.905	275.512	1.5	1.5	51.	144.3
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/20/78-08/08/79	30	0.602	1.007	3.041	0.176	0.737	0.859	0.176	0.176	1.694	2.155
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			10.172								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/20/78-08/08/79	30 ##	1.5	15.5	240.	1.5	2089.621	45.712	1.5	1.5	9.	20.9
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/20/78-08/08/79	30 ##	0.176	0.56	2.38	0.176	0.35	0.592	0.176	0.176	0.954	1.32
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.634								
31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	10/20/78-08/08/79	30	9.	13.667	23.	9.	45.057	6.712	9.	9.	23.	23.
31678	LOG FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATI	10/20/78-08/08/79	30	0.954	1.09	1.362	0.954	0.038	0.195	0.954	0.954	1.362	1.362
31678	GM FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATIO	GEOMETRIC MEAN =			12.305								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	10/20/78-08/08/79	30	11015.	7289.333	11515.	1115.	24077934.023	4906.927	1300.	1430.	11315.	11400.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0150

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	30	2	0.07	10	0	0.00	4	0	0.00	16	2	0.13			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	30	1	0.03	10	0	0.00	4	0	0.00	16	1	0.06			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0151

NPS Station ID: GATE0151
LAT/LON: 40.396392/ -73.966670
Agency: 1111H030
Date Created: / /
Location: 0.7 MI.EAST OF STA JC05
FIPS State/County: 25 NEW JERSEY/
Station Type: /AMBNT/WELL/OCEAN
STORET Station ID(s): JC05AB /JC5AB /JC-05AB /JC-5AB 34
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC:
Depth of Water: 40
Aquifer:
Major Basin: ATLANTIC OCEAN
Elevation: 0
Water Body Id:
Minor Basin: JERSEY COAST
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
SAMPLING POINT LOCATED IN SHREWSBURY RIVER AT RTE 36 BRIDGE EAST OF HIGHLANDS.

Parameter Inventory for Station: GATE0151

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/16/74-05/16/74	2	11.05	11.05	13.9	8.2	16.245	4.031	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/16/74-05/16/74	2	29800.	29800.	33200.	26400.	23120000.	4808.326	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/16/74-05/16/74	2	40678.	40678.	48072.	33284.	109342472.	10456.695	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/16/74-05/16/74	2	8.8	8.8	10.6	7.	6.48	2.546	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	05/16/74-05/16/74	1	3.3	3.3	3.3	3.3	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/16/74-05/16/74	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/16/74-05/16/74	1	9.	9.	9.	9.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	05/16/74-05/16/74	1 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	05/16/74-05/16/74	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/16/74-05/16/74	1 ##	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/16/74-05/16/74	2	269.5	269.5	490.	49.	97240.5	311.834	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	05/16/74-05/16/74	2	2.19	2.19	2.69	1.69	0.5	0.707	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			154.952								
31521	COLIFORM,TOT,MPN,IN BOT DEPOS,CONFIRM (MPN/100G)	05/16/74-05/16/74	1	460.	460.	460.	460.	0.	0.	**	**	**	**
31521	LOG COLIFORM,TOT,MPN,IN BOT DEPOS,CONFIRM (MPN/100	05/16/74-05/16/74	1	2.663	2.663	2.663	2.663	0.	0.	**	**	**	**
31521	GM COLIFORM,TOT,MPN,IN BOT DEPOS,CONFIRM (MPN/100G	GEOMETRIC MEAN =			460.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/16/74-05/16/74	2	167.	167.	330.	4.	53138.	230.517	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/16/74-05/16/74	2	1.56	1.56	2.519	0.602	1.836	1.355	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			36.332								
31641	FECAL COLIFORM,MPN IN BOT DEPOS,EC MED (MPN/100G)	05/16/74-05/16/74	1	90.	90.	90.	90.	0.	0.	**	**	**	**
31641	LOG FECAL COLIFORM,MPN IN BOT DEPOS,EC MED (MPN/10	05/16/74-05/16/74	1	1.954	1.954	1.954	1.954	0.	0.	**	**	**	**
31641	GM FECAL COLIFORM,MPN IN BOT DEPOS,EC MED (MPN/100	GEOMETRIC MEAN =			90.								
70305	SALINITY BASED ON CONDUCTIVITY	05/16/74-05/16/74	2	25.8	25.8	30.9	20.7	52.02	7.212	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	05/16/74-05/16/74	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
71975	ORGANICS IN SEDIMENT GRAVIMETRICCORR.FOR H2O,MG/KG	05/16/74-05/16/74	1	3960.	3960.	3960.	3960.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0151

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00							2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: GATE0151

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	0	0.00							2	0	0.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	2	1	0.50							2	1	0.50			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0152

NPS Station ID: GATE0152 LAT/LON: 40.418337/ -73.966670 Agency: 1111H030 Date Created: 10/30/82
Location: ONE HALF NAUTICAL MILE EAST OF ATLANTIC HIGHLAND FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/OCEAN STORET Station ID(s): 4-9
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: Depth of Water: 28 Aquifer:
Major Basin: NORTHEAST Elevation: 0 Water Body Id:
Minor Basin: NEW JERSEY COASTAL ATLANTIC OCEAN ECO Region:
RF1 Index: RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:

Parameter Inventory for Station: GATE0152

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/05/82-09/05/82	1	1300.	1300.	1300.	1300.	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/05/82-09/05/82	1	3.114	3.114	3.114	3.114	0.	0.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1300.								
31521	COLIFORM,TOT,MPN,IN BOT DEPOS,CONFIRM (MPN/100G)	09/05/82-09/05/82	1	4900.	4900.	4900.	4900.	0.	0.	**	**	**	**
31521	LOG COLIFORM,TOT,MPN,IN BOT DEPOS,CONFIRM (MPN/100	09/05/82-09/05/82	1	3.69	3.69	3.69	3.69	0.	0.	**	**	**	**
31521	GM COLIFORM,TOT,MPN,IN BOT DEPOS,CONFIRM (MPN/100G	GEOMETRIC MEAN =			4900.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/05/82-09/05/82	1	490.	490.	490.	490.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/05/82-09/05/82	1	2.69	2.69	2.69	2.69	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			490.								
31641	FECAL COLIFORM,MPN IN BOT DEPOS,EC MED (MPN/100G)	09/05/82-09/05/82	1	790.	790.	790.	790.	0.	0.	**	**	**	**
31641	LOG FECAL COLIFORM,MPN IN BOT DEPOS,EC MED (MPN/10	09/05/82-09/05/82	1	2.898	2.898	2.898	2.898	0.	0.	**	**	**	**
31641	GM FECAL COLIFORM,MPN IN BOT DEPOS,EC MED (MPN/100	GEOMETRIC MEAN =			790.								
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	09/05/82-09/05/82	1	790.	790.	790.	790.	0.	0.	**	**	**	**
31677	LOG FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678	09/05/82-09/05/82	1	2.898	2.898	2.898	2.898	0.	0.	**	**	**	**
31677	GM FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	GEOMETRIC MEAN =			790.								
31690	FECAL STREPTOCOCCI,MPN IN BOT DEPOS,AD-EVA BROTH	09/05/82-09/05/82	2	406.5	406.5	790.	23.	294144.5	542.351	**	**	**	**
31690	LOG FECAL STREPTOCOCCI,MPN IN BOT DEPOS,AD-EVA BRO	09/05/82-09/05/82	2	2.13	2.13	2.898	1.362	1.179	1.086	**	**	**	**
31690	GM FECAL STREPTOCOCCI,MPN IN BOT DEPOS,AD-EVA BROT	GEOMETRIC MEAN =			134.796								
71975	ORGANICS IN SEDIMENT GRAVIMETRICCORR.FOR H2O,MG/KG	09/05/82-09/05/82	1	60350.	60350.	60350.	60350.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0152

				Total	Exceed	Prop.	----------8/01-10/31----------			----------11/01-3/31----------			----------4/01-7/31----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	1	1	1.00	1	1	1.00									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	1	1	1.00	1	1	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0153

NPS Station ID: GATE0153
LAT/LON: 40.566670/ -73.966670
Agency: REGII208
Date Created: 06/14/78
Location: JAMAICA BAY
FIPS State/County: 36047 NEW YORK/KINGS
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): NYC001J12 /J12
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030202
Depth of Water: 30
Aquifer:
Major Basin: ROCKAWAY INLET
Elevation: 0
Water Body Id:
Minor Basin: 100YD SOUTH OF FLASH RED 2
ECO Region:
RF1 Index: 02030202029
RF1 Mile Point: 9.050
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02030202002909.75
RF3 Mile Point: 13.86
Distance from RF3: 0.04
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0153

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/15/76-07/18/77	4	12.85	12.875	23.	2.8	130.089	11.406	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	12/15/76-07/18/77	4	8.45	8.6	11.1	6.4	6.247	2.499	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	12/15/76-07/18/77	2	1.45	1.45	1.5	1.4	0.005	0.071	**	**	**	**
00400	PH (STANDARD UNITS)	12/15/76-12/15/76	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/15/76-12/15/76	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/15/76-12/15/76	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	12/15/76-07/18/77	2	5.5	5.5	6.	5.	0.5	0.707	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/15/76-07/18/77	2	0.245	0.245	0.38	0.11	0.036	0.191	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/15/76-07/18/77	2	0.022	0.022	0.03	0.013	0.	0.012	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/15/76-07/18/77	2	0.113	0.113	0.19	0.035	0.012	0.11	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/15/76-07/18/77	2	0.725	0.725	0.93	0.52	0.084	0.29	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/15/76-07/18/77	2	0.179	0.179	0.228	0.13	0.005	0.069	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	12/15/76-07/18/77	4	16250.	16250.	16700.	15800.	216666.667	465.475	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	12/15/76-12/15/76	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	12/15/76-12/15/76	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	12/15/76-12/15/76	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	12/15/76-12/15/76	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	12/15/76-12/15/76	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	12/15/76-12/15/76	1	38.	38.	38.	38.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	12/15/76-07/18/77	2	4800.	4800.	7900.	1700.	19220000.	4384.062	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	12/15/76-07/18/77	2	3.564	3.564	3.898	3.23	0.223	0.472	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			3664.696								
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/15/76-07/18/77	2	5.	5.	5.	5.	0.	0.	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	12/15/76-07/18/77	2	0.699	0.699	0.699	0.699	0.	0.	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			5.								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/15/76-07/18/77	2	5.	5.	5.	5.	0.	0.	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	12/15/76-07/18/77	2	0.699	0.699	0.699	0.699	0.	0.	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			5.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/15/76-07/18/77	2	900.	900.	1100.	700.	80000.	282.843	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/15/76-07/18/77	2	2.943	2.943	3.041	2.845	0.019	0.139	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			877.496								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	12/15/76-07/18/77	2	0.064	0.064	0.068	0.06	0.	0.006	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	12/15/76-12/15/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0153

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00				2	0	0.00	2	0	0.00			
00400	PH	Other-Hi Lim.	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
01027	CADMIUM, TOTAL	Marine Acute	43.	1	0	0.00				1	0	0.00						
01042	COPPER, TOTAL	Marine Acute	2.9	1	1	1.00				1	1	1.00						
01051	LEAD, TOTAL	Marine Acute	220.	1	0	0.00				1	0	0.00						
01067	NICKEL, TOTAL	Marine Acute	75.	1	0	0.00				1	0	0.00						
01092	ZINC, TOTAL	Marine Acute	95.	1	0	0.00				1	0	0.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	2	1.00				1	1	1.00	1	1	1.00			
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	2	0	0.00				1	0	0.00	1	0	0.00			
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	2	0	0.00				1	0	0.00	1	0	0.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	2	2	1.00				1	1	1.00	1	1	1.00			
71900	MERCURY, TOTAL	Marine Acute	2.1	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0154

NPS Station ID: GATE0154
Location: HIGHLANDS EFF
Station Type: /TYPA/MUN/TREATD/OUTFL/LAKE
RMI-Indexes:
RMI-Miles:
HUC:
Major Basin: NORTHEAST
Minor Basin: LOWER HUDSON-N.Y. METROPOLI
RF1 Index:
RF3 Index: 02030202104200.00
Description:
TIDE ORIGIN: SANDY HOOK, N.J.
ASSOCIATED NOAA WEATHER STATION: 7865

LAT/LON: 40.404170/ -73.966670

Depth of Water: 0
Elevation: 0

RF1 Mile Point: 0.000
RF3 Mile Point: 0.00

TIDE CORRECTION (H/L): (-0:01/ 0:00)

Agency: 1111H031
FIPS State/County: 34025 NEW JERSEY/
STORET Station ID(s): NJ0026204 /887E
Within Park Boundary: No

Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 4.93

Date Created: 09/13/76

On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: GATE0154

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GATE0155

NPS Station ID: GATE0155
LAT/LON: 40.574449/ -73.967504
Agency: REGII208
Date Created: 06/14/78
Location: LOWER NEW YORK BAY
FIPS State/County: 36047 NEW YORK/KINGS
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): NYC001B9 /B9
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030202
Depth of Water: 3
Aquifer:
Major Basin: SURF ZONE -CONEY ISLAND
Elevation: 0
Water Body Id:
Minor Basin: BRIGHTON 1ST ST
ECO Region:
RF1 Index: 02030202029
RF1 Mile Point: 9.150
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02030202002709.04
RF3 Mile Point: 14.56
Distance from RF3: 1.20
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0155

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/07/77-06/11/77	16	14.75	14.781	17.	14.	0.966	0.983	14.	14.	15.	17.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/07/77-07/16/77	25	103.	102.8	109.	98.	7.	2.646	99.6	100.5	104.5	107.
00480	SALINITY - PARTS PER THOUSAND	06/07/77-06/09/77	10	27.95	27.84	29.5	25.8	1.696	1.302	25.82	26.75	29.225	29.48
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/07/77-07/16/77	18	675.	1070.	4300.	130.	1115082.353	1055.975	220.	330.	1400.	2500.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/07/77-07/16/77	18	2.823	2.851	3.633	2.114	0.168	0.41	2.337	2.519	3.143	3.389
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			709.626								
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	06/07/77-07/16/77	18	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	06/07/77-07/16/77	18	0.699	0.699	0.699	0.699	0.	0.	0.699	0.699	0.699	0.699
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			5.								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	06/07/77-07/16/77	24	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	06/07/77-07/16/77	24	0.699	0.699	0.699	0.699	0.	0.	0.699	0.699	0.699	0.699
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			5.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/07/77-07/16/77	24	140.	251.667	790.	20.	50744.928	225.266	35.	80.	405.	640.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/07/77-07/16/77	24	2.146	2.211	2.898	1.301	0.202	0.449	1.5	1.903	2.605	2.794
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			162.73								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0155

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	18	7	0.39							18	7	0.39			
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	18	0	0.00							18	0	0.00			
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	24	0	0.00							24	0	0.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	24	11	0.46							24	11	0.46			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0156

NPS Station ID: GATE0156 LAT/LON: 40.425004/ -73.968337 Agency: 21NJDEP1 Date Created: 06/13/81
Location: SANDY HOOK AREA FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/OCEAN STORET Station ID(s): L6971436887 /A6A /SF57006
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: Depth of Water: 18 Aquifer:
Major Basin: NORTHEAST MAJOR BASIN Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA ECO Region:
RF1 Index: RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J. TIDE CORRECTION (H/L): (-0:34/-0:45)
ASSOCIATED NOAA WEATHER STATION: 5796

Parameter Inventory for Station: GATE0156

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/30/78-11/04/93	20	8.3	9.955	22.5	0.	61.453	7.839	0.	1.55	16.675	22.43
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/30/78-11/04/93	40	18.5	16.09	28.	0.7	73.139	8.552	4.23	7.775	24.875	25.9
00035	WIND VELOCITY (MILES PER HOUR)	11/30/78-11/04/93	40	10.	9.55	15.	2.	10.613	3.258	6.	8.	11.5	15.
00480	SALINITY - PARTS PER THOUSAND	11/30/78-08/10/79	15	29.3	28.107	31.3	20.9	11.261	3.356	21.62	25.8	30.7	31.18
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/30/78-11/04/93	35	9.	181.343	2400.	1.5	200409.805	447.672	1.5	1.5	93.	460.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	11/30/78-11/04/93	35	0.954	1.251	3.38	0.176	1.013	1.006	0.176	0.176	1.968	2.663
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			17.827								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/30/78-11/04/93	35 ##	1.5	24.943	460.	1.5	6136.614	78.337	1.5	1.5	21.	43.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/30/78-11/04/93	35 ##	0.176	0.667	2.663	0.176	0.477	0.691	0.176	0.176	1.322	1.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.641								
31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	11/30/78-08/10/79	30	9.	12.733	23.	9.	39.651	6.297	9.	9.	23.	23.
31678	LOG FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATI	11/30/78-08/10/79	30	0.954	1.063	1.362	0.954	0.034	0.183	0.954	0.954	1.362	1.362
31678	GM FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATIO	GEOMETRIC MEAN =			11.559								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	11/30/78-11/04/93	40	11030.	6625.25	11527.	0.	26792022.295	5176.101	0.	1345.	11215.	11430.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0156

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	35	2	0.06	6	0	0.00	9	0	0.00	20	2	0.10			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	35	1	0.03	6	0	0.00	9	0	0.00	20	1	0.05			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0157

NPS Station ID: GATE0157 LAT/LON: 40.571115/ -73.970004 Agency: 1111H030 Date Created: 09/20/80
Location: OCEAN PARK BEACH 100 FT OFF CONEY ISLAND SHORE FIPS State/County: 36047 NEW YORK/KINGS
Station Type: /TYPA/AMBNT/OCEAN STORET Station ID(s): NY OP /NYOP
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02030202 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON - N.Y. METROPOLITAN AREA ECO Region:
RF1 Index: 02030202029 RF1 Mile Point: 9.150 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02030202002909.75 RF3 Mile Point: 13.45 Distance from RF3: 0.07 On/Off RF3:
Description:

Parameter Inventory for Station: GATE0157

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/30/80-09/28/81	25	104.	396.4	4200.	3.	710561.667	842.948	13.6	26.5	520.	856.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/30/80-09/28/81	25	2.017	2.041	3.623	0.477	0.549	0.741	1.122	1.423	2.716	2.925
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			109.917								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	06/30/80-09/28/81	25	3.	22.76	172.	0.	1968.69	44.37	0.	1.	13.	99.2
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	06/30/80-09/28/81	25	0.477	0.673	2.236	0.	0.564	0.751	0.	0.	1.113	1.996
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			4.714								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0157

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	25	2	0.08	12	1	0.08				13	1	0.08			
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	25	0	0.00	12	0	0.00				13	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0158

NPS Station ID: GATE0158 LAT/LON: 40.443337/ -73.970838 Agency: 21NJDEP1 Date Created: 06/13/81
Location: SANDY HOOK AREA FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/OCEAN STORET Station ID(s): L7022938589 /A4A /SF57001
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: Depth of Water: 22 Aquifer:
Major Basin: NORTHEAST MAJOR BASIN Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA ECO Region:
RF1 Index: RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J. TIDE CORRECTION (H/L): (-0:34/-0:45)
ASSOCIATED NOAA WEATHER STATION: 5796

Parameter Inventory for Station: GATE0158

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/30/78-08/10/79	15	10.9	13.147	22.5	6.	35.598	5.966	6.54	8.1	18.2	22.44
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/30/78-08/10/79	30	12.7	14.1	26.	0.7	71.486	8.455	4.	7.3	23.	25.
00035	WIND VELOCITY (MILES PER HOUR)	11/30/78-08/10/79	30	10.	10.733	15.	8.	6.271	2.504	8.	8.	12.	15.
00480	SALINITY - PARTS PER THOUSAND	11/30/78-08/10/79	15	29.6	28.433	31.3	21.2	10.4	3.225	22.22	26.6	30.5	31.24
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/30/78-08/10/79	30	13.	134.217	1100.	1.5	80858.046	284.355	1.5	1.5	129.75	438.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	11/30/78-08/10/79	30	1.109	1.201	3.041	0.176	0.981	0.991	0.176	0.176	2.071	2.635
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			15.88								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/30/78-08/10/79	30	3.5	11.967	93.	1.5	388.326	19.706	1.5	1.5	10.5	42.6
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/30/78-08/10/79	30	0.54	0.678	1.968	0.176	0.324	0.569	0.176	0.176	1.01	1.629
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.764								
31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	11/30/78-08/10/79	30	9.	12.733	23.	9.	39.651	6.297	9.	9.	23.	23.
31678	LOG FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATI	11/30/78-08/10/79	30	0.954	1.063	1.362	0.954	0.034	0.183	0.954	0.954	1.362	1.362
31678	GM FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATIO	GEOMETRIC MEAN =			11.559								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	11/30/78-08/10/79	30	11100.	7964.	11545.	1200.	22248004.138	4716.779	1400.	1500.	11330.	11430.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0158

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	30	2	0.07	6	0	0.00	8	1	0.13	16	1	0.06			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	30	0	0.00	6	0	0.00	8	0	0.00	16	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0159

NPS Station ID: GATE0159
LAT/LON: 40.383337/ -73.971392
Agency: 1111H030
Date Created: / /
Location: 400YDS OFF SHORE AND STA JC08
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): JC08B /JC8B /JC-8B /JC-08B
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030104
Depth of Water: 31
Aquifer:
Major Basin: ATLANTIC OCEAN
Elevation: 0
Water Body Id:
Minor Basin: OFF N J BEACHES AT SEA BRIGHT
ECO Region:
RF1 Index: 02030104014
RF1 Mile Point: 6.880
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
STATION LOCATED IN AREA OFF MONMOUTH COUNTY OUTFALL

Parameter Inventory for Station: GATE0159

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/30/74-05/19/77	12	15.25	13.483	21.7	1.6	43.916	6.627	1.96	8.65	18.5	21.55
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/30/74-05/19/77	12	32700.	33207.5	40000.	26200.	20642311.364	4543.381	26500.	30572.5	37325.	40000.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/30/74-03/09/77	10	43470.	42998.8	47375.	38703.	8341551.289	2888.174	38768.3	40022.	45257.5	47287.
00300	OXYGEN, DISSOLVED MG/L	04/30/74-05/19/77	14	9.35	9.329	13.7	3.5	8.251	2.873	3.85	8.2	11.375	13.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/09/77-05/19/77	6 ##	0.01	0.026	0.066	0.01	0.001	0.025	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/09/77-05/19/77	6	0.011	0.01	0.015	0.005	0.	0.004	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/09/77-05/19/77	6	0.082	0.079	0.132	0.021	0.002	0.042	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/09/77-05/19/77	6	0.029	0.035	0.059	0.026	0.	0.013	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/09/77-05/19/77	6	2.65	2.833	3.8	2.3	0.295	0.543	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/19/77-05/19/77	2	13085.	13085.	13170.	13000.	14450.	120.208	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	03/09/77-05/19/77	6	0.2	0.163	0.2	0.09	0.003	0.057	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	07/10/74-09/12/74	3	3.	6.367	13.2	2.9	35.023	5.918	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/10/74-09/01/76	9 ##	0.5	0.644	1.5	0.25	0.245	0.495	0.25	0.325	1.	1.5
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/10/74-09/01/76	10	27.5	26.04	30.4	16.	23.392	4.836	16.5	22.5	30.075	30.39
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	07/10/74-09/01/76	9	1.4	5.033	16.	0.4	40.529	6.366	0.4	1.125	10.5	16.
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	07/10/74-09/01/76	10	22.1	22.42	37.	16.	39.142	6.256	16.1	17.	25.	35.8
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/10/74-09/01/76	9 ##	4.	4.167	10.	0.5	9.063	3.01	0.5	1.75	6.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/30/74-05/19/77	28	28.	84.607	490.	2.	15501.803	124.506	2.	11.	117.25	330.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/30/74-05/19/77	28	1.44	1.472	2.69	0.301	0.469	0.685	0.301	1.041	2.06	2.519
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			29.658								
31521	COLIFORM,TOT,MPN,IN BOT DEPOS,CONFIRM (MPN/100G)	04/30/74-09/01/76	11	330.	421.818	1720.	50.	217156.364	466.	66.	130.	460.	1516.
31521	LOG COLIFORM,TOT,MPN,IN BOT DEPOS,CONFIRM (MPN/100	04/30/74-09/01/76	11	2.519	2.45	3.236	1.699	0.164	0.405	1.782	2.114	2.663	3.157
31521	GM COLIFORM,TOT,MPN,IN BOT DEPOS,CONFIRM (MPN/100G	GEOMETRIC MEAN =			281.793								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/30/74-05/19/77	28	2.	17.286	130.	1.	1110.878	33.33	1.	1.25	16.	82.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/30/74-05/19/77	28	0.301	0.657	2.114	0.	0.456	0.675	0.	0.075	1.201	1.912
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.543								
31641	FECAL COLIFORM,MPN IN BOT DEPOS,EC MED (MPN/100G)	04/30/74-09/01/76	11	50.	71.818	330.	10.	8016.364	89.534	12.	20.	80.	280.
31641	LOG FECAL COLIFORM,MPN IN BOT DEPOS,EC MED (MPN/10	04/30/74-09/01/76	11	1.699	1.656	2.519	1.	0.175	0.418	1.06	1.301	1.903	2.395
31641	GM FECAL COLIFORM,MPN IN BOT DEPOS,EC MED (MPN/100	GEOMETRIC MEAN =			45.318								
70305	SALINITY BASED ON CONDUCTIVITY	04/30/74-05/19/77	12	27.65	27.4	31.7	24.7	5.538	2.353	24.73	24.975	29.05	31.34
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/09/77-05/19/77	6 ##	0.005	0.009	0.023	0.005	0.	0.007	**	**	**	**
71202	SALMONELLA FROM SEDIMENTS, INOC 1=PRESENT,0=ABS.	10/08/75-10/08/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71202	LOG SALMONELLA FROM SEDIMENTS, INOC 1=PRESENT,0=AB	10/08/75-10/08/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71202	GM SALMONELLA FROM SEDIMENTS, INOC 1=PRESENT,0=ABS	GEOMETRIC MEAN =			1.								
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	07/10/74-09/12/74	3	0.1	0.127	0.2	0.08	0.004	0.064	**	**	**	**
71975	ORGANICS IN SEDIMENT GRAVIMETRICCORR.FOR H2O,MG/KG	04/30/74-09/01/76	11	22000.	19068.636	24300.	11120.	21641490.455	4652.042	11709.	14900.	23040.	24100.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0159

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	14	1	0.07	4	0	0.00	2	0	0.00	8	1	0.13			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	28	0	0.00	6	0	0.00	6	0	0.00	16	0	0.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	28	0	0.00	6	0	0.00	6	0	0.00	16	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0160

NPS Station ID: GATE0160
LAT/LON: 40.396392/ -73.973615
Agency: 1111H030
Date Created: / /
Location: 400YDS OFF SHORE AND STA JC05
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): JC05B /JC5B /JC-5B /JC-05B
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02030104
Depth of Water: 25
Aquifer:
Major Basin: ATLANTIC OCEAN
Elevation: 0
Water Body Id:
Minor Basin: OFF N J BEACHES AT HIGHLAND
ECO Region:
RF1 Index: 02030104014
RF1 Mile Point: 5.940
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0160

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/30/74-05/17/77	16	12.3	12.194	21.5	2.1	44.031	6.636	2.31	5.35	17.4	21.43
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/30/74-05/17/77	14	30750.	31555.714	40200.	23500.	31368687.912	5600.776	24290.	25975.	37625.	40000.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/30/74-05/17/77	12	41857.	41307.917	45222.	37507.	7590752.629	2755.132	37610.8	38264.	43761.	44865.9
00300	OXYGEN, DISSOLVED MG/L	04/30/74-05/17/77	18	9.55	9.506	12.9	4.2	5.651	2.377	5.1	7.8	11.5	12.45
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/09/77-05/17/77	8	0.037	0.05	0.13	0.01	0.002	0.044	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/09/77-05/17/77	8	0.013	0.016	0.029	0.005	0.	0.008	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/09/77-05/17/77	8	0.1	0.115	0.246	0.044	0.004	0.067	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/09/77-05/17/77	8	0.037	0.078	0.367	0.026	0.014	0.117	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/09/77-05/17/77	8	2.8	2.688	3.2	1.8	0.176	0.419	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/17/77-05/17/77	2	13750.	13750.	14220.	13280.	441800.	664.68	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	03/09/77-05/17/77	8	0.2	0.225	0.5	0.1	0.016	0.128	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/30/74-09/12/74	4	3.	3.	4.3	1.7	1.127	1.061	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/30/74-05/17/77	11 ##	0.5	0.757	2.5	0.025	0.565	0.751	0.07	0.25	1.5	2.3
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/30/74-05/17/77	11	11.	10.582	16.	6.7	11.558	3.4	6.74	7.	13.	15.8
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/30/74-05/17/77	10 ##	1.375	8.59	69.	0.4	452.656	21.276	0.46	1.	4.25	62.6
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/30/74-05/17/77	12 ##	17.	15.267	25.	2.5	85.179	9.229	2.5	5.25	24.65	25.
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/30/74-05/17/77	10 ##	2.75	3.17	5.	0.5	3.011	1.735	0.55	1.9	5.	5.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/30/74-05/17/77	30	49.	265.167	5420.	2.	970793.454	985.289	7.	17.	97.75	320.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/30/74-05/17/77	30	1.69	1.634	3.734	0.301	0.503	0.709	0.845	1.23	1.989	2.503
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			43.097								
31521	COLIFORM,TOT,MPN,IN BOT DEPOS,CONFIRM (MPN/100G)	04/30/74-05/17/77	12	280.	1299.167	7900.	50.	6126953.788	2475.268	59.	130.	715.	7000.
31521	LOG COLIFORM,TOT,MPN,IN BOT DEPOS,CONFIRM (MPN/100	04/30/74-05/17/77	12	2.44	2.564	3.898	1.699	0.441	0.664	1.76	2.114	2.846	3.835
31521	GM COLIFORM,TOT,MPN,IN BOT DEPOS,CONFIRM (MPN/100G	GEOMETRIC MEAN =			366.302								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/30/74-05/17/77	30	5.	26.4	278.	1.	4066.524	63.769	1.	2.	21.25	66.3
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/30/74-05/17/77	30	0.699	0.796	2.444	0.	0.457	0.676	0.	0.301	1.327	1.812
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.25								
31641	FECAL COLIFORM,MPN IN BOT DEPOS,EC MED (MPN/100G)	04/30/74-05/17/77	12	20.	201.667	1720.	10.	237706.061	487.551	10.	10.	140.	1303.
31641	LOG FECAL COLIFORM,MPN IN BOT DEPOS,EC MED (MPN/10	04/30/74-05/17/77	12	1.301	1.607	3.236	1.	0.513	0.716	1.	1.	2.098	3.02
31641	GM FECAL COLIFORM,MPN IN BOT DEPOS,EC MED (MPN/100	GEOMETRIC MEAN =			40.469								
70305	SALINITY BASED ON CONDUCTIVITY	04/30/74-05/17/77	14	26.65	26.443	28.8	24.2	3.164	1.779	24.2	24.65	28.45	28.7
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/09/77-05/17/77	8 ##	0.007	0.01	0.024	0.005	0.	0.007	**	**	**	**
71202	SALMONELLA FROM SEDIMENTS, INOC 1=PRESENT,0=ABS.	04/30/74-04/30/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71202	LOG SALMONELLA FROM SEDIMENTS, INOC 1=PRESENT,0=AB	04/30/74-04/30/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71202	GM SALMONELLA FROM SEDIMENTS, INOC 1=PRESENT,0=ABS	GEOMETRIC MEAN =			1.								
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	04/30/74-09/12/74	4 ##	0.15	0.138	0.2	0.05	0.006	0.075	**	**	**	**
71975	ORGANICS IN SEDIMENT GRAVIMETRICCORR.FOR H2O,MG/KG	04/30/74-05/17/77	12	9040.	9342.5	13480.	6800.	3661638.636	1913.541	6980.	7792.5	10715.	12856.
77777	BIS-(4-CHLOROPHENYL) ETHER WHOLE WATER,UG/L	04/30/74-04/30/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0160

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	18	0	0.00	4	0	0.00	6	0	0.00	8	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	30	1	0.03	6	0	0.00	8	1	0.13	16	0	0.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	30	2	0.07	6	0	0.00	8	2	0.25	16	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0161

NPS Station ID: GATE0161
LAT/LON: 40.373615/ -73.973892
Agency: 1111H030
Date Created: / /
Location: NEW JERSEY BEACHES
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): JC07 /JC7 /JC-7
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: ATLANTIC OCEAN
Elevation: 0
Water Body Id:
Minor Basin: JERSEY COAST-SEA BRIGHT
ECO Region:
RF1 Index: 02030104014
RF1 Mile Point: 7.540
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
BEACH AT SEA BRIGHT ABOUT 0.7MI. SOUTH OF JC-6 AT JETTY ON COAST LINE.

Parameter Inventory for Station: GATE0161

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/72-04/17/72	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/72-04/17/72	1 ##	0.301	0.301	0.301	0.301	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/72-04/17/72	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/72-04/17/72	1 ##	0.301	0.301	0.301	0.301	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.								
71200	SALMONELLA, MEMBRANE FILTER (/100ML)	04/17/72-04/17/72	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71200	LOG SALMONELLA, MEMBRANE FILTER (/100ML)	04/17/72-04/17/72	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71200	GM SALMONELLA, MEMBRANE FILTER (/100ML)	GEOMETRIC MEAN =			1.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0161

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00							1	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0162

NPS Station ID: GATE0162
LAT/LON: 40.383337/ -73.974170
Agency: 1111H030
Date Created: / /
Location: NEW JERSEY BEACHES
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): JC06 /JC6 /JC-6
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: ATLANTIC OCEAN
Elevation: 0
Water Body Id:
Minor Basin: JERSEY COAST-SEA BRIGHT
ECO Region:
RF1 Index: 02030104014
RF1 Mile Point: 6.740
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
BEACH AT SEA BRIGHT OFF NAVESINK RIVER

Parameter Inventory for Station: GATE0162

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/72-04/17/72	1	4.	4.	4.	4.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/72-04/17/72	1	0.602	0.602	0.602	0.602	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/72-04/17/72	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/72-04/17/72	1 ##	0.301	0.301	0.301	0.301	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0162

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00							1	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0163

NPS Station ID: GATE0163
Location: ATLANTIC OCEAN (I01)
Station Type: /TYPA/AMBNT/OCEAN
RMI-Indexes:
RMI-Miles:
HUC: 02030104
Major Basin: NORTHEAST
Minor Basin: NEW JERSEY COASTAL
RF1 Index: 02030104
RF3 Index: 02030202104200.00
Description:

LAT/LON: 40.396671/ -73.974448
Depth of Water: 20
Elevation: 0
RF1 Mile Point: 0.000
RF3 Mile Point: 0.00

Agency: 1111H030
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
STORET Station ID(s): 402348007358280/I01
Within Park Boundary: Yes
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 4.93

Date Created: / /
On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: GATE0163

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/11/66-08/22/67	4	20.25	20.45	22.1	19.2	1.537	1.24	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/11/66-08/11/66	3	23.	23.	23.	23.	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/11/66-08/11/66	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	08/22/67-08/22/67	1	96.	96.	96.	96.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/11/66-08/22/67	4	41950.	41775.	42600.	40600.	709166.667	842.12	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/11/66-08/22/67	2	8.45	8.45	9.4	7.5	1.805	1.344	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/11/66-08/22/67	2	2.2	2.2	2.5	1.9	0.18	0.424	**	**	**	**
00400	PH (STANDARD UNITS)	08/11/66-08/11/66	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/11/66-08/11/66	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/11/66-08/11/66	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/11/66-08/11/66	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/11/66-08/22/67	2	0.03	0.03	0.04	0.02	0.	0.014	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/22/67-08/22/67	1	0.67	0.67	0.67	0.67	0.	0.	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/11/66-08/22/67	2	0.24	0.24	0.3	0.18	0.007	0.085	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/11/66-08/22/67	4	17050.	16925.	17400.	16200.	262500.	512.348	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/11/66-08/22/67	2 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/11/66-08/22/67	2 ##	0.301	0.301	0.301	0.301	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/11/66-08/22/67	2 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/11/66-08/22/67	2 ##	0.301	0.301	0.301	0.301	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/11/66-08/11/66	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/11/66-08/11/66	1 ##	0.301	0.301	0.301	0.301	0.	0.	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			2.								
70305	SALINITY BASED ON CONDUCTIVITY	08/22/67-08/22/67	1	28.	28.	28.	28.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0163

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	2	0	0.00									
00400	PH	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: GATE0163

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	0	0.00	2	0	0.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0164

NPS Station ID: GATE0164 LAT/LON: 40.399726/ -73.974727 Agency: 21NJDEP1 Date Created: 11/01/80
Location: ATLANTIC OCEAN SANDY HOOK PARK GATE FIPS State/County: 34991 NEW JERSEY/
Station Type: /TYPA/AMBNT/OCEAN STORET Station ID(s): L6970136738 /RT080
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 02030104 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST MAJOR BASIN Elevation: 0 Water Body Id:
Minor Basin: NEW JERSEY COASTAL MINOR BASIN ECO Region:
RF1 Index: 02030104014 RF1 Mile Point: 5.690 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:

Parameter Inventory for Station: GATE0164

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/02/75-09/10/79	117	18.	16.421	29.5	0.	44.899	6.701	5.	11.5	22.	23.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/02/75-09/10/79	111	21.5	18.863	32.	-3.	78.782	8.876	4.	13.	26.	28.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/02/75-09/10/79	118	6.	8.042	45.	0.	44.041	6.636	3.	4.	10.	16.1
00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/24/75-11/12/75	12	79.5	74.583	118.	21.	757.174	27.517	22.8	66.75	93.	111.4
00080	COLOR (PLATINUM-COBALT UNITS)	01/02/75-09/10/79	119	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/02/75-09/10/79	115	8.6	8.675	13.3	4.5	2.275	1.508	6.96	7.8	9.7	10.7
00300	OXYGEN, DISSOLVED MG/L	01/02/75-09/10/79	119	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00310	BOD, 5 DAY, 20 DEG C MG/L	01/02/75-09/10/79	99	3.	3.349	15.	0.25	5.942	2.438	1.	2.	4.	6.
00312	BOD, 6 DAY, 20 DEG C MG/L	01/02/75-09/10/79	119	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00315	BOD, 7 DAY, 20 DEG C MG/L	01/02/75-09/10/79	119	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00400	PH (STANDARD UNITS)	01/02/75-09/10/79	119	8.	7.906	8.4	7.4	0.059	0.244	7.6	7.7	8.1	8.2
00400	CONVERTED PH (STANDARD UNITS)	01/02/75-09/10/79	119	8.	7.839	8.4	7.4	0.064	0.253	7.6	7.7	8.1	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/02/75-09/10/79	119	0.01	0.014	0.04	0.004	0.	0.008	0.006	0.008	0.02	0.025
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/02/75-09/10/79	118	112.	111.907	143.	97.	57.231	7.565	102.	108.	115.	120.
00480	SALINITY - PARTS PER THOUSAND	01/02/75-08/09/79	97	26.	26.876	72.5	2.9	72.586	8.52	18.88	23.	29.6	33.88
00500	RESIDUE, TOTAL (MG/L)	06/10/75-06/17/75	2	54244.	54244.	64986.	43502.	230781128.	15191.482	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	02/10/75-01/31/78	3	2.	1.667	2.	1.	0.333	0.577	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/02/75-09/10/79	119	0.5	0.637	3.9	0.	0.425	0.652	0.	0.05	1.	1.4
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/02/75-09/10/79	119	0.023	0.04	0.456	0.	0.003	0.058	0.007	0.013	0.045	0.074
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/02/75-09/10/79	119	0.16	0.197	0.73	0.01	0.016	0.128	0.07	0.11	0.24	0.37
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/02/75-09/10/79	118	0.1	0.122	0.45	0.005	0.009	0.093	0.03	0.06	0.16	0.24
00940	CHLORIDE,TOTAL IN WATER MG/L	01/02/75-09/10/79	116	17500.	18206.466	44000.	12550.	18472457.834	4297.96	14500.	15925.	19375.	22500.
00956	SILICA, TOTAL (MG/L AS SI02)	01/31/79-09/10/79	10	0.25	0.5	1.	0.	0.194	0.441	0.	0.188	1.	1.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/75-09/10/79	113	50.	367.257	24000.	10.	5171502.228	2274.094	10.	10.	130.	330.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/02/75-09/10/79	113	1.699	1.686	4.38	1.	0.445	0.667	1.	1.	2.114	2.519
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			48.483								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/02/75-09/10/79	113 ##	10.	35.752	790.	10.	6687.152	81.775	10.	10.	20.	76.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/02/75-09/10/79	113 ##	1.	1.266	2.898	1.	0.16	0.4	1.	1.	1.301	1.88
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			18.462								
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	01/02/75-09/10/79	112	4.5	103.554	2400.	1.	132996.015	364.686	1.	1.	20.	240.
31677	LOG FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678	01/02/75-09/10/79	112	0.651	0.852	3.38	0.	0.856	0.925	0.	0.	1.299	2.38
31677	GM FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	GEOMETRIC MEAN =			7.109								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	01/02/75-04/17/78	58	11100.	7576.552	11545.	110.	24101102.813	4909.287	1028.5	1286.25	11233.75	11500.
74010	IRON, TOTAL (MG/L AS FE)	05/17/79-09/10/79	7	0.02	0.029	0.08	0.	0.001	0.027	**	**	**	**
82028	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI(CAL)	01/02/75-08/09/79	80	5.	5.374	33.	0.	26.004	5.099	0.053	1.	10.	10.
82028	LOG RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI(	01/02/75-08/09/79	80	0.699	0.37	1.519	-2.301	0.623	0.789	-1.281	0.	1.	1.
82028	GM RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI(C	GEOMETRIC MEAN =			2.344								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0164

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	118	0	0.00	45	0	0.00	27	0	0.00	46	0	0.00			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	115	0	0.00	43	0	0.00	27	0	0.00	45	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	119	119	1.00	45	45	1.00	27	27	1.00	47	47	1.00			
00400	PH	Other-Hi Lim.	9.	119	0	0.00	45	0	0.00	27	0	0.00	47	0	0.00			
		Other-Lo Lim.	6.5	119	0	0.00	45	0	0.00	27	0	0.00	47	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	113	6	0.05	42	2	0.05	27	2	0.07	44	2	0.05			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	113	2	0.02	42	0	0.00	27	1	0.04	44	1	0.02			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1975 - Station GATE0164

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/02/75-09/10/79	41	15.3	14.524	29.5	3.	50.021	7.073	5.	7.5	20.75	23.4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/02/75-09/10/79	41	18.	15.405	31.	-3.	85.519	9.248	3.6	7.75	23.	26.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/02/75-09/10/79	41	4.	5.976	29.	0.	27.924	5.284	2.	3.	7.	12.4
00080	COLOR (PLATINUM-COBALT UNITS)	01/02/75-09/10/79	41	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/02/75-09/10/79	41	8.7	8.727	13.3	4.5	3.104	1.762	6.52	7.8	9.95	10.7
00300	OXYGEN, DISSOLVED MG/L	01/02/75-09/10/79	41	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00310	BOD, 5 DAY, 20 DEG C MG/L	01/02/75-09/10/79	35	4.	4.037	15.	0.3	9.607	3.1	1.	2.	6.	7.
00312	BOD, 6 DAY, 20 DEG C MG/L	01/02/75-09/10/79	41	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00315	BOD, 7 DAY, 20 DEG C MG/L	01/02/75-09/10/79	41	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00400	PH (STANDARD UNITS)	01/02/75-09/10/79	41	7.7	7.756	8.4	7.4	0.06	0.244	7.5	7.6	7.9	8.
00400	CONVERTED PH (STANDARD UNITS)	01/02/75-09/10/79	41	7.7	7.701	8.4	7.4	0.063	0.25	7.5	7.6	7.9	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/02/75-09/10/79	41	0.02	0.02	0.04	0.004	0.	0.009	0.01	0.013	0.025	0.032
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/02/75-09/10/79	41	112.	113.585	142.	97.	60.599	7.785	106.	109.5	116.	123.6
00480	SALINITY - PARTS PER THOUSAND	01/02/75-08/09/79	41	27.1	28.695	72.5	2.9	128.169	11.321	20.68	23.	30.4	38.52
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/02/75-09/10/79	41	0.5	0.62	3.9	0.	0.718	0.847	0.	0.	1.	2.
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/02/75-09/10/79	41	0.034	0.064	0.456	0.	0.007	0.086	0.012	0.021	0.067	0.188
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/02/75-09/10/79	41	0.14	0.169	0.56	0.01	0.014	0.12	0.052	0.085	0.2	0.384
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/02/75-09/10/79	41	0.13	0.145	0.45	0.005	0.012	0.11	0.03	0.065	0.19	0.354
00940	CHLORIDE,TOTAL IN WATER MG/L	01/02/75-09/10/79	41	16700.	18254.878	44000.	12550.	38749725.61	6224.928	13920.	15000.	18750.	23400.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/75-09/10/79	40	75.	793.25	24000.	10.	14263648.141	3776.725	10.	27.5	230.	1023.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/02/75-09/10/79	40	1.874	1.962	4.38	1.	0.509	0.714	1.	1.401	2.362	2.989
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			91.596								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/02/75-09/10/79	40	20.	48.	230.	10.	3221.538	56.759	10.	10.	65.	166.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/02/75-09/10/79	40	1.301	1.427	2.362	1.	0.212	0.461	1.	1.	1.809	2.219
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			26.738								
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	01/02/75-09/10/79	39	7.	45.487	350.	1.	7467.309	86.414	1.	1.	33.	240.
31677	LOG FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678	01/02/75-09/10/79	39	0.845	0.877	2.544	0.	0.745	0.863	0.	0.	1.519	2.38
31677	GM FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	GEOMETRIC MEAN =			7.541								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station GATE0164

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/02/75-09/10/79	27	20.5	19.63	24.	4.	17.011	4.124	14.6	18.	22.	23.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/02/75-09/10/79	21	24.	22.524	31.	0.	47.962	6.925	16.	19.	27.5	30.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/02/75-09/10/79	26	5.	6.154	21.	1.	20.455	4.523	2.7	3.75	7.	14.2
00080	COLOR (PLATINUM-COBALT UNITS)	01/02/75-09/10/79	27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/02/75-09/10/79	24	8.	8.242	10.1	6.8	0.809	0.899	7.1	7.6	8.875	9.75
00300	OXYGEN, DISSOLVED MG/L	01/02/75-09/10/79	27	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00310	BOD, 5 DAY, 20 DEG C MG/L	01/02/75-09/10/79	17	3.	3.603	10.	0.25	5.524	2.35	0.85	2.	4.5	7.6
00312	BOD, 6 DAY, 20 DEG C MG/L	01/02/75-09/10/79	27	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00315	BOD, 7 DAY, 20 DEG C MG/L	01/02/75-09/10/79	27	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00400	PH (STANDARD UNITS)	01/02/75-09/10/79	27	8.	7.948	8.4	7.5	0.046	0.214	7.7	7.7	8.1	8.2
00400	CONVERTED PH (STANDARD UNITS)	01/02/75-09/10/79	27	8.	7.898	8.4	7.5	0.048	0.22	7.7	7.7	8.1	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/02/75-09/10/79	27	0.01	0.013	0.032	0.004	0.	0.006	0.006	0.008	0.02	0.02
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/02/75-09/10/79	27	109.	107.667	120.	97.	29.538	5.435	99.6	105.	110.	114.2
00480	SALINITY - PARTS PER THOUSAND	01/02/75-08/09/79	26	27.1	28.296	38.7	20.	19.965	4.468	23.94	25.	30.4	37.51
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/02/75-09/10/79	27 ##	0.5	0.785	2.	0.5	0.185	0.43	0.5	0.5	1.	1.52
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/02/75-09/10/79	27	0.02	0.028	0.07	0.004	0.	0.021	0.006	0.01	0.045	0.062
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/02/75-09/10/79	27	0.21	0.206	0.52	0.03	0.014	0.117	0.072	0.1	0.27	0.376
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/02/75-09/10/79	27	0.08	0.09	0.24	0.03	0.003	0.05	0.03	0.05	0.12	0.164
00940	CHLORIDE,TOTAL IN WATER MG/L	01/02/75-09/10/79	27	18000.	18333.333	25000.	14000.	7807692.308	2794.225	14500.	16500.	18500.	23500.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/75-09/10/79	23	20.	178.261	2400.	10.	248060.474	498.057	10.	10.	170.	386.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/02/75-09/10/79	23	1.301	1.564	3.38	1.	0.478	0.692	1.	1.	2.23	2.559
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			36.639								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/02/75-09/10/79	23 ##	10.	19.13	130.	10.	662.846	25.746	10.	10.	20.	38.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station GATE0164

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/02/75-09/10/79	23 ##	1.	1.144	2.114	1.	0.077	0.278	1.	1.	1.301	1.54
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			13.94								
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	01/02/75-09/10/79	23	17.	318.957	2400.	1.	472568.589	687.436	1.	2.	240.	1808.
31677	LOG FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678	01/02/75-09/10/79	23	1.23	1.428	3.38	0.	1.331	1.154	0.	0.301	2.38	3.214
31677	GM FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	GEOMETRIC MEAN =			26.789								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GATE0164

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/02/75-09/10/79	20	17.	15.975	24.	3.	37.644	6.135	4.25	11.75	20.75	22.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/02/75-09/10/79	20	22.5	21.1	32.	0.	48.621	6.973	11.2	20.	25.75	26.9
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/02/75-09/10/79	20	10.	10.55	45.	5.	71.418	8.451	5.	7.25	10.	14.5
00080	COLOR (PLATINUM-COBALT UNITS)	01/02/75-09/10/79	20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/02/75-09/10/79	19	8.8	8.937	12.1	6.9	2.249	1.5	6.9	7.8	9.9	11.7
00300	OXYGEN, DISSOLVED MG/L	01/02/75-09/10/79	20	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00310	BOD, 5 DAY, 20 DEG C MG/L	01/02/75-09/10/79	18	2.	2.417	5.	0.5	1.654	1.286	0.95	1.	3.25	4.1
00312	BOD, 6 DAY, 20 DEG C MG/L	01/02/75-09/10/79	20	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00315	BOD, 7 DAY, 20 DEG C MG/L	01/02/75-09/10/79	20	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00400	PH (STANDARD UNITS)	01/02/75-09/10/79	20	8.1	8.075	8.4	7.6	0.033	0.18	7.9	8.	8.2	8.3
00400	CONVERTED PH (STANDARD UNITS)	01/02/75-09/10/79	20	8.1	8.036	8.4	7.6	0.034	0.185	7.9	8.	8.2	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/02/75-09/10/79	20	0.008	0.009	0.025	0.004	0.	0.005	0.005	0.006	0.01	0.013
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/02/75-09/10/79	20	113.	114.2	126.	102.	30.168	5.493	107.2	111.25	118.5	121.8
00480	SALINITY - PARTS PER THOUSAND	01/02/75-08/09/79	4	22.5	24.275	32.1	20.	28.769	5.364	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/02/75-09/10/79	20	1.	1.065	2.2	0.5	0.269	0.518	0.5	0.5	1.375	2.13
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/02/75-09/10/79	20	0.015	0.026	0.125	0.004	0.001	0.029	0.006	0.008	0.034	0.06
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/02/75-09/10/79	20	0.155	0.174	0.48	0.08	0.007	0.084	0.101	0.13	0.198	0.249
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/02/75-09/10/79	20	0.115	0.113	0.44	0.005	0.008	0.089	0.014	0.06	0.13	0.159
00940	CHLORIDE,TOTAL IN WATER MG/L	01/02/75-09/10/79	20	19500.	19525.	24500.	15500.	6038815.789	2457.4	15650.	18000.	21000.	23850.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/75-09/10/79	20	20.	153.5	2400.	10.	280645.	529.759	10.	10.	57.5	125.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/02/75-09/10/79	20	1.301	1.484	3.38	1.	0.336	0.579	1.	1.	1.758	2.093
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			30.481								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/02/75-09/10/79	20 ##	10.	55.	790.	10.	30121.053	173.554	10.	10.	20.	59.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/02/75-09/10/79	20 ##	1.	1.214	2.898	1.	0.213	0.462	1.	1.	1.301	1.77
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			16.364								
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	01/02/75-09/10/79	20	2.	3.8	27.	1.	34.695	5.89	1.	1.	4.75	7.9
31677	LOG FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678	01/02/75-09/10/79	20	0.301	0.338	1.431	0.	0.168	0.41	0.	0.	0.675	0.897
31677	GM FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	GEOMETRIC MEAN =			2.179								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GATE0164

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/02/75-09/10/79	19	20.	16.411	25.1	0.	61.211	7.824	3.	12.	22.	25.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/02/75-09/10/79	19	23.3	19.7	29.	0.	95.908	9.793	0.	13.	26.7	28.8
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/02/75-09/10/79	21	8.	9.81	27.	2.	34.962	5.913	3.4	6.	11.5	19.4
00080	COLOR (PLATINUM-COBALT UNITS)	01/02/75-09/10/79	21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/02/75-09/10/79	21	8.5	8.852	12.1	6.2	2.407	1.551	7.08	7.75	10.3	11.16
00300	OXYGEN, DISSOLVED MG/L	01/02/75-09/10/79	21	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00310	BOD, 5 DAY, 20 DEG C MG/L	01/02/75-09/10/79	19	2.	2.816	8.	0.5	3.478	1.865	1.	1.	4.	5.
00312	BOD, 6 DAY, 20 DEG C MG/L	01/02/75-09/10/79	21	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00315	BOD, 7 DAY, 20 DEG C MG/L	01/02/75-09/10/79	21	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00400	PH (STANDARD UNITS)	01/02/75-09/10/79	21	8.	7.967	8.3	7.5	0.035	0.188	7.72	7.8	8.1	8.18

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GATE0164

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	CONVERTED PH (STANDARD UNITS)	01/02/75-09/10/79	21	8.	7.925	8.3	7.5	0.037	0.193	7.72	7.8	8.1	8.18
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/02/75-09/10/79	21	0.01	0.012	0.032	0.005	0.	0.006	0.007	0.008	0.016	0.019
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/02/75-09/10/79	20	113.5	113.7	143.	99.	85.168	9.229	100.5	110.	116.75	125.2
00480	SALINITY - PARTS PER THOUSAND	01/02/75-08/09/79	17	24.2	22.912	37.	15.5	37.106	6.091	15.9	17.	27.5	30.44
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/02/75-09/10/79	21 ##	0.05	0.316	1.2	0.025	0.12	0.347	0.05	0.05	0.5	0.972
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/02/75-09/10/79	21	0.018	0.026	0.12	0.009	0.001	0.024	0.009	0.012	0.031	0.042
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/02/75-09/10/79	21	0.19	0.226	0.73	0.07	0.025	0.159	0.07	0.105	0.315	0.386
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/02/75-09/10/79	20	0.125	0.133	0.38	0.005	0.008	0.09	0.031	0.063	0.18	0.24
00940	CHLORIDE,TOTAL IN WATER MG/L	01/02/75-09/10/79	18	16250.	16472.222	19500.	14750.	1697712.418	1302.963	14975.	15500.	17125.	18600.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/75-09/10/79	21	20.	46.667	230.	10.	3023.333	54.985	10.	10.	65.	126.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/02/75-09/10/79	21	1.301	1.439	2.362	1.	0.197	0.444	1.	1.	1.801	2.099
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			27.501								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/02/75-09/10/79	21 ##	10.	18.095	80.	10.	346.19	18.606	10.	10.	15.	50.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/02/75-09/10/79	21 ##	1.	1.138	1.903	1.	0.079	0.28	1.	1.	1.151	1.699
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			13.748								
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	01/02/75-09/10/79	21	4.	11.524	79.	1.	356.462	18.88	1.	1.	13.	39.4
31677	LOG FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678	01/02/75-09/10/79	21	0.602	0.618	1.898	0.	0.403	0.635	0.	0.	1.114	1.594
31677	GM FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	GEOMETRIC MEAN =			4.154								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station GATE0164

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/02/75-09/10/79	10	17.75	16.44	26.	4.	57.625	7.591	4.15	11.125	22.925	26.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/02/75-09/10/79	10	21.5	19.29	31.	0.	83.219	9.122	0.7	16.	24.925	30.4
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/02/75-09/10/79	10	9.5	12.7	32.	4.	88.011	9.381	4.1	5.	19.75	31.3
00080	COLOR (PLATINUM-COBALT UNITS)	01/02/75-09/10/79	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	01/02/75-09/10/79	10	8.6	8.63	11.2	5.5	2.376	1.541	5.73	7.8	9.7	11.11
00300	OXYGEN, DISSOLVED MG/L	01/02/75-09/10/79	10	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00310	BOD, 5 DAY, 20 DEG C MG/L	01/02/75-09/10/79	10	2.5	3.2	8.	1.	4.178	2.044	1.1	2.	4.25	7.7
00312	BOD, 6 DAY, 20 DEG C MG/L	01/02/75-09/10/79	10	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00315	BOD, 7 DAY, 20 DEG C MG/L	01/02/75-09/10/79	10	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00400	PH (STANDARD UNITS)	01/02/75-09/10/79	10	8.	7.94	8.3	7.6	0.054	0.232	7.6	7.75	8.1	8.28
00400	CONVERTED PH (STANDARD UNITS)	01/02/75-09/10/79	10	8.	7.883	8.3	7.6	0.057	0.239	7.6	7.75	8.1	8.28
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/02/75-09/10/79	10	0.01	0.013	0.025	0.005	0.	0.007	0.005	0.008	0.018	0.025
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/02/75-09/10/79	10	108.	108.3	116.	97.	45.789	6.767	97.5	102.	115.	115.9
00480	SALINITY - PARTS PER THOUSAND	01/02/75-08/09/79	9	24.	23.133	26.2	18.4	6.738	2.596	18.4	21.	25.3	26.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/02/75-09/10/79	10	0.095	0.131	0.4	0.03	0.012	0.109	0.032	0.065	0.173	0.381
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/02/75-09/10/79	10	0.015	0.036	0.21	0.006	0.004	0.062	0.006	0.011	0.027	0.193
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/02/75-09/10/79	10	0.205	0.274	0.6	0.11	0.026	0.162	0.114	0.173	0.348	0.592
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/02/75-09/10/79	10	0.09	0.116	0.31	0.005	0.011	0.105	0.006	0.01	0.218	0.303
00940	CHLORIDE,TOTAL IN WATER MG/L	01/02/75-09/10/79	10	17125.	18150.	28000.	14750.	15363888.889	3919.68	14800.	15437.5	19750.	27250.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/02/75-09/10/79	9	50.	180.	790.	10.	75975.	275.636	10.	20.	330.	790.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/02/75-09/10/79	9	1.699	1.791	2.898	1.	0.449	0.67	1.	1.301	2.46	2.898
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			61.806								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/02/75-09/10/79	9	20.	22.222	50.	10.	194.444	13.944	10.	10.	30.	50.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/02/75-09/10/79	9	1.301	1.278	1.699	1.	0.065	0.254	1.	1.	1.452	1.699
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			18.982								
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	01/02/75-09/10/79	9	4.	241.111	1600.	1.	291083.611	539.522	1.	1.	277.	1600.
31677	LOG FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678	01/02/75-09/10/79	9	0.602	0.954	3.204	0.	1.504	1.226	0.	0.	1.939	3.204
31677	GM FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	GEOMETRIC MEAN =			8.999								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0165

NPS Station ID: GATE0165 LAT/LON: 40.396392/ -73.976392 Agency: 11NYBGHT Date Created: 04/06/96
Location: NEW JERSEY BEACHES- HIGHLAND BEACH FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/OCEAN/NRSHRE/NET STORET Station ID(s): JC05 /JC5 /JC-5
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 02030104 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST Elevation: 0 Water Body Id:
Minor Basin: ATLANTIC OCEAN ECO Region:
RF1 Index: 02030104014 RF1 Mile Point: 5.790 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:
ATLANTIC OCEAN- NEW YORK BIGHT SURVEILLANCE NETWORK(CURRENT) HIGHLAND BEACH OFF NAVESINK AVE. (RT.36 BRIDGE)
JUST NORTH OF PARK ENTRANCE WHICH IS JUST NORTH OF BRIDGE TO MAINLAND.
SAMPLE AT POINT EASIEST TO CLIMB DOWN FROM ROCK WALL.

Parameter Inventory for Station: GATE0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	05/24/95-08/28/96	26	0.	2.269	12.	0.	13.245	3.639	0.	0.	4.	9.2
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	05/24/95-08/28/96	26	0.	0.25	1.079	0.	0.146	0.382	0.	0.	0.602	0.956
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.777								
31649	ENTEROCOCCI- ME-MF N0/100ML	05/24/95-08/28/96	25	0.	1.68	23.	0.	23.56	4.854	0.	0.	1.	6.8
31649	LOG ENTEROCOCCI- ME-MF N0/1	05/24/95-08/28/96	25	0.	0.134	1.362	0.	0.122	0.349	0.	0.	0.	0.828
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.361								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0165

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	26	0	0.00	9	0	0.00				17	0	0.00			
31649	ENTEROCOCCI, ME, MF	Other-Hi Lim.	33.	25	0	0.00	9	0	0.00				16	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0166

NPS Station ID: GATE0166
LAT/LON: 40.396392/ -73.976392
Agency: 1111H030
Date Created: / /
Location: NEW JERSEY BEACHES
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): JC05 /JC5 /JC-5
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: ATLANTIC OCEAN
Elevation: 0
Water Body Id:
Minor Basin: JERSEY COAST-HIGHLAND BEACH
ECO Region:
RF1 Index: 02030104014
RF1 Mile Point: 5.790
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
HIGHLAND BEACH OFF NAVESINK AVE. (RT.36 BRIDGE) JUST NORTH OF PARK ENTRANCE WHICH IS JUST NORTH OF BRIDGE TO MAINLAND. SAMPLE AT POINT EASIEST TO CLIMB DOWN FROM ROCK WALL.

Parameter Inventory for Station: GATE0166

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/11/80-10/05/87	74	0.06	0.14	1.83	0.005	0.07	0.265	0.01	0.025	0.12	0.33
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/11/80-06/11/80	1	0.035	0.035	0.035	0.035	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/18/80-10/05/87	75	0.05	0.073	0.26	0.005	0.004	0.065	0.01	0.025	0.11	0.19
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/11/80-10/05/87	66	0.06	0.079	0.83	0.02	0.01	0.1	0.034	0.044	0.09	0.12
00940	CHLORIDE,TOTAL IN WATER MG/L	06/11/80-09/24/81	15	16800.	16880.	18660.	15730.	619828.571	787.292	15832.	16300.	17230.	18324.
00956	SILICA, TOTAL (MG/L AS SI02)	06/11/80-08/19/80	9	0.1	0.148	0.3	0.04	0.011	0.105	0.04	0.055	0.25	0.3
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/72-09/30/81	150	8.	51.533	1600.	0.	26905.391	164.029	0.	3.	21.	103.6
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/72-09/30/81	150	0.903	0.976	3.204	0.	0.526	0.725	0.	0.477	1.322	2.015
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			9.465								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-08/31/94	321	0.	2.072	44.	0.	28.021	5.294	0.	0.	2.	5.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-08/31/94	321	0.	0.178	1.643	-0.301	0.125	0.354	0.	0.	0.301	0.699
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.506								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/29/85-08/29/85	1	7.	7.	7.	7.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/29/85-08/29/85	1	0.845	0.845	0.845	0.845	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/72-04/17/72	1	4.	4.	4.	4.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/72-04/17/72	1	0.602	0.602	0.602	0.602	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4.								
31649	ENTEROCOCCI- ME-MF N0/100ML	08/05/84-08/31/94	132	0.	0.5	6.	0.	1.275	1.129	0.	0.	0.	2.
31649	LOG ENTEROCOCCI- ME-MF N0/1	08/05/84-08/31/94	132	0.	0.055	0.778	0.	0.027	0.163	0.	0.	0.	0.301
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.136								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/20/77-09/07/77	2 ##	3.	3.	5.	1.	8.	2.828	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/20/77-09/07/77	2 ##	0.349	0.349	0.699	0.	0.244	0.494	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			2.236								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/11/80-10/05/87	66	0.033	0.043	0.29	0.005	0.002	0.039	0.02	0.025	0.05	0.08
71200	SALMONELLA, MEMBRANE FILTER (/100ML)	04/17/72-04/17/72	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71200	LOG SALMONELLA, MEMBRANE FILTER (/100ML)	04/17/72-04/17/72	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71200	GM SALMONELLA, MEMBRANE FILTER (/100ML)	GEOMETRIC MEAN =			1.								
71220	PSEUDOMONAS AERUGINOSA,MF IN WATER,MPA MED,/100ML	07/10/79-08/21/91	6	0.	1.	4.	0.	2.8	1.673	**	**	**	**
71220	LOG PSEUDOMONAS AERUGINOSA,MF IN WATER,MPA MED,/10	07/10/79-08/21/91	6	0.	0.151	0.602	0.	0.063	0.252	**	**	**	**
71220	GM PSEUDOMONAS AERUGINOSA,MF IN WATER,MPA MED,/100	GEOMETRIC MEAN =			1.414								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0166

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	150	1	0.01	49	0	0.00	18	0	0.00	83	1	0.01			
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	321	0	0.00	118	0	0.00	19	0	0.00	184	0	0.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	1	0	0.00	1	0	0.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00							1	0	0.00			
31649	ENTEROCOCCI, ME, MF	Other-Hi Lim.	33.	132	0	0.00	52	0	0.00				80	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1972 - Station GATE0166

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/72-09/30/81	1	4.	4.	4.	4.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/72-09/30/81	1	0.602	0.602	0.602	0.602	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station GATE0166

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/72-09/30/81	14	13.	31.143	112.	1.	1098.901	33.15	4.5	10.75	41.25	102.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/72-09/30/81	14	1.113	1.26	2.049	0.	0.267	0.517	0.452	1.031	1.614	2.007
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			18.186								
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-08/31/94	14	2.	3.786	18.	0.5	22.297	4.722	0.5	1.	4.5	13.5
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-08/31/94	14	0.301	0.346	1.255	-0.301	0.207	0.455	-0.301	0.	0.646	1.105
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			2.219								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GATE0166

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/72-09/30/81	16	13.5	66.25	460.	0.	15532.2	124.628	0.	1.25	77.25	292.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/72-09/30/81	16	1.13	1.087	2.663	0.	0.788	0.888	0.	0.075	1.817	2.439
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			12.221								
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-08/31/94	16	1.	3.75	23.	0.	41.667	6.455	0.	0.	5.75	16.7
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-08/31/94	16	0.	0.304	1.362	0.	0.227	0.476	0.	0.	0.709	1.211
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			2.012								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station GATE0166

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/72-09/30/81	18	10.5	48.278	248.	0.	5517.154	74.278	1.8	3.75	74.	226.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/72-09/30/81	18	1.009	1.181	2.394	0.	0.516	0.719	0.271	0.571	1.869	2.355
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			15.174								
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-08/31/94	18	1.	2.667	17.	0.	20.	4.472	0.	0.	3.	10.7
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-08/31/94	18	0.	0.257	1.23	0.	0.157	0.397	0.	0.	0.477	1.023
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.809								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GATE0166

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/72-09/30/81	43	6.	81.163	1600.	0.	72033.378	268.39	1.4	3.	20.	172.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/72-09/30/81	43	0.778	0.979	3.204	0.	0.579	0.761	0.12	0.477	1.301	2.237
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			9.52								
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-08/31/94	43	1.	3.326	32.	0.	42.606	6.527	0.	0.	3.	13.8
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-08/31/94	43	0.	0.277	1.505	0.	0.184	0.429	0.	0.	0.477	1.137
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.892								

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Annual Analysis for 1978 - Station GATE0166

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/72-09/30/81	15	11.	53.6	540.	0.	19353.971	139.119	0.	5.	19.	302.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/72-09/30/81	15	1.041	1.024	2.732	0.	0.524	0.724	0.	0.699	1.279	2.388
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			10.571								
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-08/31/94	15	1.	3.133	29.	0.	54.124	7.357	0.	0.	4.	14.6
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-08/31/94	15	0.	0.244	1.462	0.	0.182	0.426	0.	0.	0.602	1.004
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.756								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station GATE0166

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/72-09/30/81	16	12.5	52.563	540.	0.	17431.729	132.029	1.4	4.25	37.25	226.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/72-09/30/81	16	1.097	1.133	2.732	0.	0.459	0.678	0.211	0.626	1.563	2.194
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			13.587								
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-08/31/94	16	1.5	4.25	44.	0.	115.4	10.742	0.	0.	3.75	16.7
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-08/31/94	16	0.151	0.319	1.643	0.	0.195	0.441	0.	0.	0.571	0.982
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			2.084								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GATE0166

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/11/80-10/05/87	9	0.044	0.04	0.077	0.01	0.	0.019	0.01	0.025	0.048	0.077
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/18/80-10/05/87	8 ##	0.01	0.013	0.03	0.01	0.	0.007	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/11/80-10/05/87	9	0.045	0.046	0.06	0.027	0.	0.013	0.027	0.034	0.058	0.06
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/72-09/30/81	15	0.	1.733	7.	0.	5.352	2.314	0.	0.	4.	5.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/72-09/30/81	15	0.	0.235	0.845	0.	0.101	0.318	0.	0.	0.602	0.757
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.718								
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-08/31/94	15	0.	0.333	2.	0.	0.381	0.617	0.	0.	1.	1.4
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-08/31/94	15	0.	0.02	0.301	0.	0.006	0.078	0.	0.	0.	0.12
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.047								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/11/80-10/05/87	9	0.029	0.03	0.042	0.02	0.	0.006	0.02	0.026	0.034	0.042

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station GATE0166

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/11/80-10/05/87	6	0.04	0.047	0.09	0.01	0.001	0.037	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/18/80-10/05/87	6	0.065	0.072	0.15	0.03	0.002	0.045	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/11/80-10/05/87	6	0.065	0.065	0.11	0.02	0.001	0.033	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/72-09/30/81	12	8.	16.667	100.	0.	779.879	27.926	0.6	3.	14.25	80.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/72-09/30/81	12	0.903	0.869	2.	0.	0.305	0.552	0.09	0.477	1.152	1.867
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			7.398								
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-08/31/94	12	0.	0.833	6.	0.	3.061	1.749	0.	0.	1.	4.8
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-08/31/94	12	0.	0.09	0.778	0.	0.054	0.233	0.	0.	0.	0.635
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.23								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/11/80-10/05/87	6	0.035	0.035	0.05	0.02	0.	0.01	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station GATE0166

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/11/80-10/05/87	12	0.445	0.503	1.83	0.06	0.267	0.516	0.066	0.085	0.725	1.518
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/18/80-10/05/87	12	0.17	0.163	0.26	0.04	0.003	0.058	0.061	0.13	0.19	0.251
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/11/80-10/05/87	12	0.06	0.071	0.2	0.04	0.002	0.043	0.04	0.045	0.07	0.167
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-08/31/94	13	0.	0.077	1.	0.	0.077	0.277	0.	0.	0.	0.6
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-08/31/94	13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/11/80-10/05/87	12	0.04	0.036	0.05	0.01	0.	0.014	0.013	0.023	0.05	0.05

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station GATE0166

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/11/80-10/05/87	9	0.06	0.094	0.39	0.01	0.014	0.119	0.01	0.01	0.115	0.39
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/18/80-10/05/87	9	0.08	0.086	0.21	0.01	0.005	0.073	0.01	0.02	0.15	0.21
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/11/80-10/05/87	9	0.06	0.071	0.11	0.04	0.001	0.027	0.04	0.05	0.1	0.11
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-08/31/94	14	0.	0.571	3.	0.	0.725	0.852	0.	0.	1.	2.
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-08/31/94	14	0.	0.034	0.477	0.	0.016	0.128	0.	0.	0.	0.239
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.082								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/11/80-10/05/87	9	0.04	0.041	0.08	0.005	0.001	0.03	0.005	0.008	0.07	0.08

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GATE0166

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/11/80-10/05/87	9	0.07	0.114	0.27	0.02	0.007	0.082	0.02	0.055	0.17	0.27
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/18/80-10/05/87	8	0.065	0.078	0.17	0.01	0.003	0.051	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/11/80-10/05/87	9	0.06	0.076	0.17	0.04	0.002	0.042	0.04	0.045	0.1	0.17
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-08/31/94	14	0.5	1.429	9.	0.	6.11	2.472	0.	0.	2.	6.5
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-08/31/94	14	0.	0.154	0.954	0.	0.086	0.294	0.	0.	0.301	0.778
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.426								
31649	ENTEROCOCCI- ME-MF N0/100ML	08/05/84-08/31/94	1	1.	1.	1.	1.	0.	0.	**	**	**	**
31649	LOG ENTEROCOCCI- ME-MF N0/1	08/05/84-08/31/94	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/11/80-10/05/87	9	0.03	0.035	0.08	0.005	0.	0.02	0.005	0.025	0.04	0.08

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GATE0166

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/11/80-10/05/87	8	0.09	0.084	0.13	0.01	0.002	0.043	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/18/80-10/05/87	8	0.095	0.094	0.2	0.005	0.003	0.056	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/11/80-10/05/87	7	0.12	0.219	0.83	0.08	0.073	0.271	**	**	**	**
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-08/31/94	11	1.	5.273	40.	0.	140.218	11.841	0.	0.	4.	33.8
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-08/31/94	11	0.	0.33	1.602	0.	0.287	0.535	0.	0.	0.602	1.472
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			2.14								
31649	ENTEROCOCCI- ME-MF N0/100ML	08/05/84-08/31/94	11	0.	1.	6.	0.	3.6	1.897	0.	0.	1.	5.4
31649	LOG ENTEROCOCCI- ME-MF N0/1	08/05/84-08/31/94	11	0.	0.114	0.778	0.	0.069	0.263	0.	0.	0.	0.718
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.301								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/11/80-10/05/87	6	0.08	0.123	0.29	0.06	0.008	0.089	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GATE0166

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/11/80-10/05/87	12	0.035	0.055	0.19	0.005	0.004	0.06	0.005	0.005	0.1	0.172
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/18/80-10/05/87	12	0.035	0.045	0.12	0.005	0.002	0.04	0.005	0.006	0.075	0.117
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/11/80-10/05/87	12	0.05	0.058	0.1	0.02	0.	0.021	0.026	0.05	0.075	0.094
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-08/31/94	13	0.	0.846	7.	0.	4.141	2.035	0.	0.	0.5	5.4
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-08/31/94	13	0.	0.102	0.845	0.	0.067	0.259	0.	0.	0.	0.698
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.264								
31649	ENTEROCOCCI- ME-MF N0/100ML	08/05/84-08/31/94	13	0.	0.846	4.	0.	1.808	1.345	0.	0.	1.5	3.6
31649	LOG ENTEROCOCCI- ME-MF N0/1	08/05/84-08/31/94	13	0.	0.106	0.602	0.	0.045	0.211	0.	0.	0.151	0.552
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.277								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/11/80-10/05/87	12	0.03	0.035	0.07	0.02	0.	0.016	0.02	0.02	0.048	0.064

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GATE0166

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/11/80-10/05/87	9 ##	0.025	0.051	0.26	0.025	0.006	0.078	0.025	0.025	0.025	0.26
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/18/80-10/05/87	12 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/11/80-10/05/87	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-08/31/94	16	0.	1.563	12.	0.	13.996	3.741	0.	0.	0.75	10.6
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-08/31/94	16	0.	0.149	1.079	0.	0.127	0.356	0.	0.	0.	1.024
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.409								
31649	ENTEROCOCCI- ME-MF N0/100ML	08/05/84-08/31/94	16	1.	1.25	6.	0.	2.733	1.653	0.	0.	2.	3.9
31649	LOG ENTEROCOCCI- ME-MF N0/1	08/05/84-08/31/94	16	0.	0.146	0.778	0.	0.06	0.245	0.	0.	0.301	0.567
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.399								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/11/80-10/05/87	3 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GATE0166

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-08/31/94	12	0.5	3.583	24.	0.	48.811	6.986	0.	0.	4.25	19.5
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-08/31/94	12	0.	0.303	1.38	0.	0.217	0.466	0.	0.	0.599	1.252
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			2.009								
31649	ENTEROCOCCI- ME-MF N0/100ML	08/05/84-08/31/94	12	0.	0.417	3.	0.	0.811	0.9	0.	0.	0.75	2.4
31649	LOG ENTEROCOCCI- ME-MF N0/1	08/05/84-08/31/94	12	0.	0.04	0.477	0.	0.019	0.138	0.	0.	0.	0.334
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.096								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0166

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-08/31/94	10	1.	1.5	4.	0.	2.944	1.716	0.	0.	3.25	4.
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-08/31/94	10	0.151	0.228	0.602	0.	0.068	0.261	0.	0.	0.508	0.602
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.692								
31649	ENTEROCOCCI- ME-MF N0/100ML	08/05/84-08/31/94	10	0.	0.4	2.	0.	0.489	0.699	0.	0.	1.	1.9
31649	LOG ENTEROCOCCI- ME-MF N0/1	08/05/84-08/31/94	10	0.	0.03	0.301	0.	0.009	0.095	0.	0.	0.	0.271
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.072								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0166

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-08/31/94	14	0.	0.857	3.	0.	1.363	1.167	0.	0.	2.	3.
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-08/31/94	14	0.	0.111	0.477	0.	0.036	0.189	0.	0.	0.301	0.477
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.292								
31649	ENTEROCOCCI- ME-MF N0/100ML	08/05/84-08/31/94	14	0.	0.286	3.	0.	0.681	0.825	0.	0.	0.	2.
31649	LOG ENTEROCOCCI- ME-MF N0/1	08/05/84-08/31/94	14	0.	0.034	0.477	0.	0.016	0.128	0.	0.	0.	0.239
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.082								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0166

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-08/31/94	13	0.	1.308	10.	0.	8.897	2.983	0.	0.	1.	8.
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-08/31/94	13	0.	0.154	1.	0.	0.106	0.326	0.	0.	0.151	0.88
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.425								
31649	ENTEROCOCCI- ME-MF N0/100ML	08/05/84-08/31/94	13	0.	0.154	1.	0.	0.141	0.376	0.	0.	0.	1.
31649	LOG ENTEROCOCCI- ME-MF N0/1	08/05/84-08/31/94	13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0166

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-08/31/94	15	0.	0.2	1.	0.	0.171	0.414	0.	0.	0.	1.
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-08/31/94	15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.								
31649	ENTEROCOCCI- ME-MF N0/100ML	08/05/84-08/31/94	15	0.	0.2	3.	0.	0.6	0.775	0.	0.	0.	1.2
31649	LOG ENTEROCOCCI- ME-MF N0/1	08/05/84-08/31/94	15	0.	0.032	0.477	0.	0.015	0.123	0.	0.	0.	0.191
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.076								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station GATE0166

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-08/31/94	12	0.	1.333	16.	0.	21.333	4.619	0.	0.	0.	11.2
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-08/31/94	12	0.	0.1	1.204	0.	0.121	0.348	0.	0.	0.	0.843
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.26								
31649	ENTEROCOCCI- ME-MF N0/100ML	08/05/84-08/31/94	12	0.	0.083	1.	0.	0.083	0.289	0.	0.	0.	0.7
31649	LOG ENTEROCOCCI- ME-MF N0/1	08/05/84-08/31/94	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station GATE0166

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-08/31/94	15	0.	0.133	1.	0.	0.124	0.352	0.	0.	0.	1.
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-08/31/94	15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

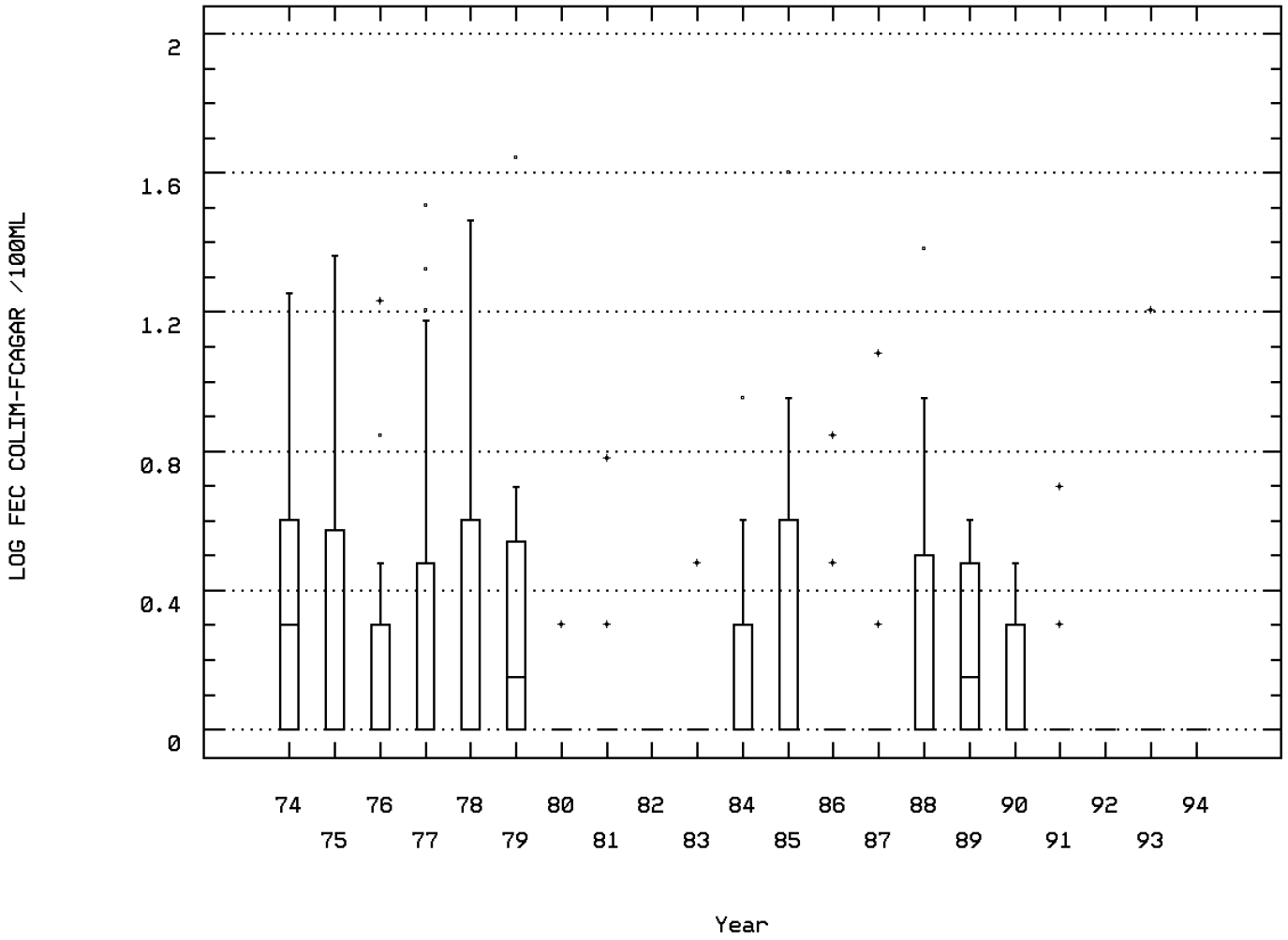
Annual Analysis for 1994 - Station GATE0166

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31649	ENTEROCOCCI- ME-MF N0/100ML	08/05/84-08/31/94	15	0.	0.267	4.	0.	1.067	1.033	0.	0.	0.	1.6
31649	LOG ENTEROCOCCI- ME-MF N0/1	08/05/84-08/31/94	15	0.	0.04	0.602	0.	0.024	0.155	0.	0.	0.	0.241
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.097								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: GATE0166 Parameter Code: 31613

LOG FECAL COLIFORM,MEMBR FILTER,M-FC AG



NEW JERSEY BEACHES

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0166

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/11/80-10/05/87	23	0.06	0.181	1.83	0.01	0.151	0.389	0.021	0.025	0.13	0.564
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/18/80-10/05/87	22	0.07	0.078	0.2	0.005	0.004	0.064	0.01	0.025	0.118	0.19
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/11/80-10/05/87	19	0.08	0.12	0.83	0.05	0.03	0.173	0.05	0.06	0.11	0.12
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/72-09/30/81	49	12.	44.061	460.	0.	9339.767	96.642	0.	5.	25.	112.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/72-09/30/81	49	1.079	1.088	2.663	0.	0.465	0.682	0.	0.699	1.398	2.049
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			12.257								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-08/31/94	118	0.	2.195	40.	0.	25.97	5.096	0.	0.	2.	6.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-08/31/94	118	0.	0.202	1.602	0.	0.127	0.357	0.	0.	0.301	0.778
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.592								
31649	ENTEROCOCCI- ME-MF N0/100ML	08/05/84-08/31/94	52	0.	0.538	6.	0.	1.312	1.146	0.	0.	1.	2.4
31649	LOG ENTEROCOCCI- ME-MF N0/1	08/05/84-08/31/94	52	0.	0.052	0.778	0.	0.027	0.164	0.	0.	0.	0.334
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.126								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/11/80-10/05/87	19	0.04	0.047	0.08	0.005	0.001	0.023	0.025	0.03	0.07	0.08

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0166

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/72-09/30/81	18	50.	108.889	680.	3.	26507.869	162.812	4.8	12.	177.	291.2
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/72-09/30/81	18	1.699	1.615	2.833	0.477	0.466	0.683	0.677	1.054	2.248	2.438
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			41.207								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-08/31/94	19	2.	7.211	32.	0.	83.842	9.157	0.	1.	12.	23.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-08/31/94	19	0.301	0.548	1.505	0.	0.301	0.549	0.	0.	1.079	1.362
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			3.529								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0166

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/11/80-10/05/87	51	0.06	0.121	0.79	0.005	0.035	0.187	0.01	0.025	0.12	0.268
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/18/80-10/05/87	53	0.04	0.071	0.26	0.005	0.004	0.066	0.01	0.025	0.115	0.186
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/11/80-10/05/87	47	0.05	0.063	0.2	0.02	0.001	0.038	0.027	0.04	0.07	0.122
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/72-09/30/81	83	5.	43.506	1600.	0.	37105.643	192.628	0.	2.	13.	33.2
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/72-09/30/81	83	0.699	0.771	3.204	0.	0.448	0.669	0.	0.301	1.114	1.521
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			5.906								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-08/31/94	184	0.	1.462	44.	0.	21.023	4.585	0.	0.	1.	3.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-08/31/94	184	0.	0.124	1.643	-0.301	0.09	0.3	0.	0.	0.	0.477
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.33								
31649	ENTEROCOCCI- ME-MF N0/100ML	08/05/84-08/31/94	80	0.	0.475	6.	0.	1.265	1.125	0.	0.	0.	2.
31649	LOG ENTEROCOCCI- ME-MF N0/1	08/05/84-08/31/94	80	0.	0.058	0.778	0.	0.027	0.163	0.	0.	0.	0.301
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.142								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/11/80-10/05/87	47	0.03	0.041	0.29	0.005	0.002	0.044	0.018	0.02	0.042	0.062

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0167

NPS Station ID: GATE0167 LAT/LON: 40.570837/ -73.976670 Agency: 1111H030 Date Created: 09/20/80
Location: CONEY ISLAND - FOOT OF 8TH ST. 100 FT OFF SHORE FIPS State/County: 36047 NEW YORK/KINGS
Station Type: /TYPA/AMBNT/OCEAN STORET Station ID(s): NY 8TH /NY8TH
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02030202 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON - N.Y. METROPOLITAN AREA ECO Region:
RF1 Index: 02030202029 RF1 Mile Point: 9.650 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02030202002909.75 RF3 Mile Point: 14.47 Distance from RF3: 0.13 On/Off RF3:
Description:

Parameter Inventory for Station: GATE0167

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/30/80-09/28/81	25	180.	620.88	4000.	4.	1033890.943	1016.804	7.8	48.	770.	2332.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/30/80-09/28/81	25	2.255	2.242	3.602	0.602	0.66	0.813	0.884	1.678	2.886	3.338
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			174.536								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	06/30/80-09/28/81	25	7.	82.44	520.	0.	25407.173	159.396	0.	1.5	50.5	440.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	06/30/80-09/28/81	25	0.845	1.04	2.716	0.	0.853	0.923	0.	0.151	1.697	2.643
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			10.962								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0167

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	25	4	0.16	12	3	0.25				13	1	0.08			
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	25	4	0.16	12	4	0.33				13	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0168

NPS Station ID: GATE0168
LAT/LON: 40.397226/ -73.977505
Agency: 21NJDEP1
Date Created: 07/12/80
Location: SHREWSBURY RIVER AT ROUTE 36
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 1000000090 /ESNM0010 /RT030
RMI-Indexes: 0133006
Within Park Boundary: Yes
RMI-Miles: 0000.90
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST MAJOR BASIN
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA
ECO Region:
RF1 Index: 02030104007
RF1 Mile Point: 0.110
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0168

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/27/73-09/30/81	257	18.3	15.924	28.	-1.	66.923	8.181	3.5	8.5	23.	25.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/27/73-09/10/79	244	19.75	17.427	32.	-2.	85.052	9.222	4.2	10.5	25.	27.7
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/27/73-07/15/81	262	5.	6.338	51.	0.	29.214	5.405	2.	3.	8.	11.7
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/30/81-09/30/81	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	11/27/73-07/26/79	215	48.	50.493	138.	1.	612.999	24.759	24.	36.	60.	84.
00080	COLOR (PLATINUM-COBALT UNITS)	11/27/73-09/30/81	263	0.	0.105	20.	0.	1.635	1.279	0.	0.	0.	0.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/11/78-06/14/79	5	21478.	21942.8	30978.	13793.	51105507.7	7148.812	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/27/73-09/30/81	252	7.75	8.133	17.3	3.1	6.02	2.453	5.13	6.4	10.	11.37
00300	OXYGEN, DISSOLVED MG/L	11/27/73-09/10/79	257	0.3	0.33	8.1	0.3	0.237	0.487	0.3	0.3	0.3	0.3
00310	BOD, 5 DAY, 20 DEG C MG/L	12/11/73-09/10/79	215	3.	3.532	12.	0.25	3.345	1.829	1.	2.	4.	6.
00312	BOD, 6 DAY, 20 DEG C MG/L	11/27/73-09/10/79	258	0.3	0.32	3.	0.3	0.041	0.203	0.3	0.3	0.3	0.3
00315	BOD, 7 DAY, 20 DEG C MG/L	11/27/73-09/10/79	255	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00335	COD, .025N K2CR2O7 MG/L	07/15/81-07/15/81	1	70.	70.	70.	70.	0.	0.	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	09/30/81-09/30/81	1	614.	614.	614.	614.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	11/27/73-07/15/81	259	7.7	7.7	9.2	6.3	0.16	0.401	7.3	7.5	7.9	8.2
00400	CONVERTED PH (STANDARD UNITS)	11/27/73-07/15/81	259	7.7	7.474	9.2	6.3	0.212	0.46	7.3	7.5	7.9	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/27/73-07/15/81	259	0.02	0.034	0.501	0.001	0.004	0.064	0.006	0.013	0.032	0.05
00403	PH, LAB, STANDARD UNITS SU	09/30/81-09/30/81	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/30/81-09/30/81	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/81-09/30/81	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/27/73-09/30/81	262	102.	100.828	150.	71.	102.059	10.102	89.	95.	105.	112.
00480	SALINITY - PARTS PER THOUSAND	11/27/73-09/30/81	236	21.4	20.575	60.9	0.3	94.911	9.742	2.9	17.	24.7	31.3
00500	RESIDUE, TOTAL (MG/L)	06/10/75-09/30/81	11	46052.	39887.273	54584.	23026.	140355109.818	11847.156	23653.6	26164.	50396.	54466.
00510	RESIDUE, TOTAL FIXED (MG/L)	02/10/75-05/21/79	6	4.	4.167	8.	2.	4.967	2.229	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/11/78-09/30/81	7	22.	37.143	95.	13.	1022.476	31.976	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/27/73-07/15/81	169	0.5	0.544	3.5	0.	0.304	0.551	0.	0.05	0.975	1.3
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/27/73-09/30/81	170	0.037	0.06	0.976	0.002	0.009	0.095	0.014	0.02	0.06	0.119
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/11/78-07/15/81	6	0.795	0.756	1.4	0.015	0.335	0.579	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/11/78-09/30/81	5	0.2	0.188	0.41	0.005	0.033	0.183	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/27/73-09/30/81	170	0.255	0.278	1.1	0.	0.03	0.172	0.071	0.15	0.39	0.509
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/27/73-09/30/81	168	0.18	0.196	0.76	0.	0.017	0.131	0.049	0.1	0.268	0.381
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/15/81-09/30/81	2	26.7	26.7	47.	6.4	824.18	28.709	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/27/73-09/30/81	164	15000.	15465.244	37000.	1500.	18878171.106	4344.902	11000.	13000.	17500.	19250.
00945	SULFATE, TOTAL (MG/L AS SO4)	09/11/78-09/30/81	7	2300.	2201.857	3000.	1188.	323707.476	568.953	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	01/31/79-09/10/79	14	1.	1.179	3.	0.	0.754	0.868	0.	0.75	2.	2.5
01002	ARSENIC, TOTAL (UG/L AS AS)	09/11/78-09/30/81	7 ##	5.	7.286	22.	4.	42.238	6.499	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	09/11/78-09/30/81	6 ##	0.5	1.167	3.	0.5	1.167	1.08	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/11/78-09/30/81	7	26.	21.214	34.	2.5	126.321	11.239	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GATE0168

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01042	COPPER, TOTAL (UG/L AS CU)	09/11/78-09/30/81	7	31.	50.714	188.	19.	3684.238	60.698	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/11/78-09/30/81	7	20.	109.714	333.	10.	16375.571	127.967	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/11/78-09/30/81	7 ##	5.	6.214	16.	2.5	19.488	4.415	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	09/11/78-09/30/81	7	60.	57.143	93.	32.	420.143	20.497	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	09/11/78-09/30/81	6	69.5	77.167	178.	1.	5261.367	72.535	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/11/78-09/30/81	7	44.	60.571	180.	12.	3169.286	56.296	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/27/73-09/30/81	164	80.	274.098	16000.	2.	1608000.432	1268.07	10.	20.	217.5	490.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	11/27/73-09/30/81	164	1.903	1.897	4.204	0.301	0.369	0.608	1.	1.301	2.337	2.69
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			78.883								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/27/73-09/30/81	165	20.	51.624	490.	1.	5018.26	70.84	10.	10.	50.	130.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/27/73-09/30/81	165	1.301	1.45	2.69	0.	0.214	0.462	1.	1.	1.699	2.114
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			28.184								
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	11/27/73-09/30/81	164	13.	137.482	5400.	1.	280376.374	529.506	1.	2.	79.	240.
31677	LOG FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678	11/27/73-09/30/81	164	1.114	1.179	3.732	0.	0.809	0.899	0.	0.301	1.898	2.38
31677	GM FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	GEOMETRIC MEAN =			15.084								
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	09/11/78-09/30/81	7 ##	0.05	0.101	0.3	0.005	0.011	0.106	**	**	**	**
45501	HYDROCARBON IN WATER, FREON EXT, CHROMAT, IR MG/L	09/11/78-06/14/79	5 ##	0.5	1.08	3.4	0.5	1.682	1.297	**	**	**	**
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	11/27/73-10/01/80	112	11030.	7058.446	11545.	1000.	24527867.493	4952.562	1115.	1318.75	11300.	11500.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/11/78-09/30/81	7	24908.	23788.857	27900.	19544.	12867861.143	3587.18	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	09/11/78-09/30/81	7 ##	0.5	0.429	0.5	0.25	0.015	0.122	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	05/17/79-09/10/79	9	0.02	0.043	0.12	0.	0.002	0.042	0.	0.015	0.08	0.12
82028	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI(CAL)	11/27/73-08/09/79	118	2.	6.537	108.	0.01	182.198	13.498	0.1	0.675	10.	12.5
82028	LOG RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI(	11/27/73-08/09/79	118	0.301	0.262	2.033	-2.	0.687	0.829	-1.	-0.172	1.	1.097
82028	GM RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI(C	GEOMETRIC MEAN =			1.829								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0168

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	262	1	0.00	86	0	0.00	74	1	0.01	102	0	0.00			
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	252	4	0.02	83	2	0.02	74	0	0.00	95	2	0.02			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	257	256	1.00	85	84	0.99	73	73	1.00	99	99	1.00			
00400	PH	Other-Hi Lim.	8.5	259	8	0.03	86	2	0.02	73	5	0.07	100	1	0.01			
		Other-Lo Lim.	6.5	259	4	0.02	86	2	0.02	73	2	0.03	100	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
01002	ARSENIC, TOTAL	Marine Acute	69.	7	0	0.00	3	0	0.00	1	0	0.00	3	0	0.00			
01027	CADMIUM, TOTAL	Marine Acute	43.	6	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00			
01042	COPPER, TOTAL	Marine Acute	2.9	7	7	1.00	3	3	1.00	1	1	1.00	3	3	1.00			
01051	LEAD, TOTAL	Marine Acute	220.	7	0	0.00	3	0	0.00	1	0	0.00	3	0	0.00			
01067	NICKEL, TOTAL	Marine Acute	75.	6	3	0.50	3	1	0.33	1	0	0.00	2	2	1.00			
01092	ZINC, TOTAL	Marine Acute	95.	7	1	0.14	3	1	0.33	1	0	0.00	3	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	164	5	0.03	61	3	0.05	43	0	0.00	60	2	0.03			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	165	9	0.05	61	3	0.05	44	3	0.07	60	3	0.05			
71900	MERCURY, TOTAL	Marine Acute	2.1	7	0	0.00	3	0	0.00	1	0	0.00	3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1973 - Station GATE0168

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/27/73-09/30/81	4	7.75	7.75	9.5	6.	4.083	2.021	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/27/73-09/10/79	4	7.5	7.5	11.	4.	16.333	4.041	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/27/73-07/15/81	4	3.5	3.5	4.	3.	0.333	0.577	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	11/27/73-07/26/79	4	63.	63.	69.	57.	48.	6.928	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	11/27/73-09/30/81	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/27/73-09/30/81	4	8.5	8.5	10.	7.	3.	1.732	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/27/73-09/10/79	4	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	12/11/73-09/10/79	2	2.	2.	2.	2.	0.	0.	**	**	**	**
00312	BOD, 6 DAY, 20 DEG C MG/L	11/27/73-09/10/79	4	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00315	BOD, 7 DAY, 20 DEG C MG/L	11/27/73-09/10/79	4	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	11/27/73-07/15/81	4	7.15	7.15	7.3	7.	0.03	0.173	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/27/73-07/15/81	4	7.125	7.125	7.3	7.	0.031	0.176	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/27/73-07/15/81	4	0.075	0.075	0.1	0.05	0.001	0.029	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/27/73-09/30/81	4	102.	102.	102.	102.	0.	0.	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	11/27/73-09/30/81	4	1.6	1.6	2.9	0.3	2.253	1.501	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/27/73-07/15/81	2	1.	1.	1.	1.	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/27/73-09/30/81	2	0.07	0.07	0.09	0.05	0.001	0.028	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/27/73-09/30/81	2	0.4	0.4	0.5	0.3	0.02	0.141	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/27/73-09/30/81	2	0.235	0.235	0.26	0.21	0.001	0.035	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/27/73-09/30/81	2	9500.	9500.	17500.	1500.	128000000.	11313.708	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/27/73-09/30/81	2	255.	255.	490.	20.	110450.	332.34	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	11/27/73-09/30/81	2	1.996	1.996	2.69	1.301	0.965	0.982	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			98.995								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/27/73-09/30/81	2 ##	70.	70.	130.	10.	7200.	84.853	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/27/73-09/30/81	2 ##	1.557	1.557	2.114	1.	0.62	0.788	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			36.056								
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	11/27/73-09/30/81	2 ##	25.	25.	49.	1.	1152.	33.941	**	**	**	**
31677	LOG FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678	11/27/73-09/30/81	2 ##	0.845	0.845	1.69	0.	1.428	1.195	**	**	**	**
31677	GM FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	GEOMETRIC MEAN =			7.								
82028	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI(CAL)	11/27/73-08/09/79	2 ##	4.	4.	5.	3.	2.	1.414	**	**	**	**
82028	LOG RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI(	11/27/73-08/09/79	2 ##	0.588	0.588	0.699	0.477	0.025	0.157	**	**	**	**
82028	GM RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI(C	GEOMETRIC MEAN =			3.873								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station GATE0168

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/27/73-09/30/81	72	15.	14.917	27.	0.	73.421	8.569	2.2	6.25	23.375	25.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/27/73-09/10/79	72	16.75	16.222	32.	-1.1	87.865	9.374	4.4	10.125	25.	27.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/27/73-07/15/81	74	4.	5.568	18.	1.	13.454	3.668	2.	3.75	6.	12.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	11/27/73-07/26/79	66	48.	51.394	106.	12.	540.858	23.256	24.	35.25	63.	84.
00080	COLOR (PLATINUM-COBALT UNITS)	11/27/73-09/30/81	74	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/27/73-09/30/81	74	7.6	8.065	13.4	4.2	6.116	2.473	4.5	6.25	9.85	10.8
00300	OXYGEN, DISSOLVED MG/L	11/27/73-09/10/79	74	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00310	BOD, 5 DAY, 20 DEG C MG/L	12/11/73-09/10/79	66	4.	3.545	7.	1.	3.021	1.738	1.	2.	5.	6.
00312	BOD, 6 DAY, 20 DEG C MG/L	11/27/73-09/10/79	74	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00315	BOD, 7 DAY, 20 DEG C MG/L	11/27/73-09/10/79	74	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00400	PH (STANDARD UNITS)	11/27/73-07/15/81	74	7.7	7.711	8.6	6.3	0.162	0.402	7.3	7.5	8.	8.2
00400	CONVERTED PH (STANDARD UNITS)	11/27/73-07/15/81	74	7.7	7.446	8.6	6.3	0.233	0.482	7.3	7.5	8.	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/27/73-07/15/81	74	0.02	0.036	0.501	0.003	0.006	0.08	0.006	0.01	0.032	0.05
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/27/73-09/30/81	74	99.	99.405	118.	71.	72.244	8.5	92.	94.	105.	111.
00480	SALINITY - PARTS PER THOUSAND	11/27/73-09/30/81	74	18.7	15.076	28.8	1.2	82.789	9.099	2.2	2.875	22.5	24.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/27/73-07/15/81	37	0.5	0.432	1.	0.	0.155	0.394	0.	0.	0.75	1.
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/27/73-09/30/81	37	0.044	0.048	0.12	0.002	0.001	0.026	0.019	0.029	0.065	0.081
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/27/73-09/30/81	37	0.1	0.18	0.5	0.	0.027	0.163	0.046	0.05	0.25	0.5
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/27/73-09/30/81	37	0.1	0.141	0.5	0.	0.017	0.13	0.02	0.05	0.2	0.32

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Annual Analysis for 1974 - Station GATE0168

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00940	CHLORIDE,TOTAL IN WATER MG/L	11/27/73-09/30/81	37	15500.	16078.378	31000.	7550.	16730491.742	4090.292	11180.	14500.	17500.	19100.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/27/73-09/30/81	36	75.	655.889	16000.	2.	7095973.016	2663.827	20.	50.	290.	727.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	11/27/73-09/30/81	36	1.874	1.992	4.204	0.301	0.484	0.696	1.301	1.699	2.446	2.861
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			98.19								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/27/73-09/30/81	36	20.	44.917	330.	2.	3385.679	58.187	10.	12.5	50.	95.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/27/73-09/30/81	36	1.301	1.44	2.519	0.301	0.184	0.428	1.	1.075	1.699	1.966
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			27.551								
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	11/27/73-09/30/81	36	11.	249.833	5400.	1.	938911.914	968.975	1.	2.	48.25	203.
31677	LOG FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678	11/27/73-09/30/81	36	1.041	1.126	3.732	0.	0.883	0.939	0.	0.301	1.683	2.266
31677	GM FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	GEOMETRIC MEAN =			13.371								
82028	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI(CAL)	11/27/73-08/09/79	35	2.	4.458	25.	0.02	32.888	5.735	0.1	0.7	6.	11.
82028	LOG RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI(	11/27/73-08/09/79	35	0.301	0.217	1.398	-1.699	0.578	0.76	-1.	-0.155	0.778	1.039
82028	GM RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI(C	GEOMETRIC MEAN =			1.647								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GATE0168

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/27/73-09/30/81	86	16.	14.712	25.	0.5	66.193	8.136	3.85	7.	22.	24.49
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/27/73-09/10/79	86	18.3	15.579	29.	-2.	85.036	9.221	3.85	8.	23.3	27.21
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/27/73-07/15/81	86	4.	5.419	26.	0.	20.623	4.541	2.	3.	7.	9.9
00077	TRANSPARENCY, SECCHI DISC (INCHES)	11/27/73-07/26/79	84	48.	55.	138.	12.	895.084	29.918	24.	36.	72.	90.
00080	COLOR (PLATINUM-COBALT UNITS)	11/27/73-09/30/81	86	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/27/73-09/30/81	82	7.8	7.966	12.1	3.1	5.246	2.29	5.	6.65	9.95	11.18
00300	OXYGEN, DISSOLVED MG/L	11/27/73-09/10/79	86	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00310	BOD, 5 DAY, 20 DEG C MG/L	12/11/73-09/10/79	70	3.	3.686	7.	1.	2.364	1.537	2.	3.	5.	6.
00312	BOD, 6 DAY, 20 DEG C MG/L	11/27/73-09/10/79	86	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00315	BOD, 7 DAY, 20 DEG C MG/L	11/27/73-09/10/79	86	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00400	PH (STANDARD UNITS)	11/27/73-07/15/81	86	7.5	7.479	8.2	6.3	0.115	0.339	7.07	7.4	7.7	7.9
00400	CONVERTED PH (STANDARD UNITS)	11/27/73-07/15/81	86	7.5	7.298	8.2	6.3	0.148	0.384	7.07	7.4	7.7	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/27/73-07/15/81	86	0.032	0.05	0.501	0.006	0.006	0.078	0.013	0.02	0.04	0.086
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/27/73-09/30/81	86	100.	101.605	150.	76.	137.042	11.706	88.7	95.	106.	113.3
00480	SALINITY - PARTS PER THOUSAND	11/27/73-09/30/81	86	22.2	24.972	60.9	3.7	97.046	9.851	16.25	19.6	29.6	38.62
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/27/73-07/15/81	43	0.5	0.64	3.5	0.	0.623	0.789	0.	0.	1.	2.
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/27/73-09/30/81	43	0.046	0.107	0.976	0.003	0.027	0.165	0.016	0.026	0.126	0.269
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/27/73-09/30/81	43	0.21	0.225	0.49	0.04	0.011	0.106	0.094	0.14	0.29	0.386
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/27/73-09/30/81	43	0.19	0.197	0.42	0.01	0.012	0.107	0.08	0.1	0.28	0.37
00940	CHLORIDE,TOTAL IN WATER MG/L	11/27/73-09/30/81	43	14700.	15973.256	37000.	3000.	33691232.004	5804.415	11000.	12400.	18500.	24020.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/27/73-09/30/81	40	130.	234.25	1300.	10.	99409.679	315.293	20.	50.	305.	490.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	11/27/73-09/30/81	40	2.114	2.072	3.114	1.	0.29	0.538	1.301	1.699	2.479	2.69
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			118.091								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/27/73-09/30/81	40	50.	62.75	330.	10.	4184.551	64.688	10.	20.	80.	130.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/27/73-09/30/81	40	1.699	1.587	2.519	1.	0.199	0.446	1.	1.301	1.903	2.114
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			38.651								
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	11/27/73-09/30/81	40	13.5	182.725	2400.	1.	279905.435	529.061	1.	5.	71.5	350.
31677	LOG FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678	11/27/73-09/30/81	40	1.13	1.279	3.38	0.	0.835	0.914	0.	0.699	1.846	2.544
31677	GM FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	GEOMETRIC MEAN =			18.99								
82028	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI(CAL)	11/27/73-08/09/79	40	2.	4.889	25.	0.01	30.5	5.523	0.2	0.825	10.	12.5
82028	LOG RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI(	11/27/73-08/09/79	40	0.301	0.259	1.398	-2.	0.655	0.809	-0.699	-0.084	1.	1.097
82028	GM RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI(C	GEOMETRIC MEAN =			1.817								

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Annual Analysis for 1976 - Station GATE0168

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/27/73-09/30/81	35	22.	20.403	28.	0.	30.599	5.532	12.5	19.	24.	24.4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/27/73-09/10/79	29	22.	22.345	31.	0.	42.663	6.532	16.	20.	27.	30.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/27/73-07/15/81	37	5.	6.649	32.	1.	32.734	5.721	2.	3.	9.	12.6
00077	TRANSPARENCY, SECCHI DISC (INCHES)	11/27/73-07/26/79	11	36.	31.636	42.	12.	79.855	8.936	14.4	24.	36.	42.
00080	COLOR (PLATINUM-COBALT UNITS)	11/27/73-09/30/81	37	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/27/73-09/30/81	32	6.5	7.344	15.1	5.4	5.078	2.253	5.6	5.725	7.7	11.3
00300	OXYGEN, DISSOLVED MG/L	11/27/73-09/10/79	37	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00310	BOD, 5 DAY, 20 DEG C MG/L	12/11/73-09/10/79	27	4.	3.87	8.	2.	2.261	1.504	2.	3.	4.	5.6
00312	BOD, 6 DAY, 20 DEG C MG/L	11/27/73-09/10/79	36	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00315	BOD, 7 DAY, 20 DEG C MG/L	11/27/73-09/10/79	36	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00400	PH (STANDARD UNITS)	11/27/73-07/15/81	36	7.8	7.861	8.8	7.5	0.07	0.264	7.5	7.7	7.975	8.2
00400	CONVERTED PH (STANDARD UNITS)	11/27/73-07/15/81	36	7.8	7.799	8.8	7.5	0.074	0.272	7.5	7.7	7.975	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/27/73-07/15/81	36	0.016	0.016	0.032	0.002	0.	0.008	0.006	0.011	0.02	0.032
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/27/73-09/30/81	36	103.5	102.361	113.	88.	36.694	6.058	95.	99.	105.	112.3
00480	SALINITY - PARTS PER THOUSAND	11/27/73-09/30/81	33	24.7	25.758	41.2	18.9	22.398	4.733	21.4	22.5	29.6	31.3
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/27/73-07/15/81	26 ##	0.5	0.7	1.5	0.5	0.126	0.356	0.5	0.5	1.	1.43
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/27/73-09/30/81	26	0.03	0.041	0.16	0.004	0.001	0.034	0.007	0.019	0.051	0.089
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/27/73-09/30/81	26	0.35	0.356	0.68	0.07	0.03	0.172	0.177	0.198	0.502	0.601
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/27/73-09/30/81	26	0.225	0.232	0.51	0.04	0.014	0.119	0.057	0.148	0.288	0.423
00940	CHLORIDE,TOTAL IN WATER MG/L	11/27/73-09/30/81	23	15000.	15913.043	25000.	11500.	9037549.407	3006.252	12700.	14000.	18500.	19600.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/27/73-09/30/81	22	95.	130.909	330.	10.	11046.753	105.104	20.	50.	215.	330.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	11/27/73-09/30/81	22	1.972	1.952	2.519	1.	0.181	0.425	1.301	1.699	2.332	2.519
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			89.438								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/27/73-09/30/81	22	50.	60.	330.	10.	5971.429	77.275	10.	10.	50.	194.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/27/73-09/30/81	22	1.699	1.546	2.519	1.	0.198	0.445	1.	1.	1.699	2.266
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			35.18								
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	11/27/73-09/30/81	21	27.	119.048	350.	1.	18296.348	135.264	2.4	6.5	240.	346.
31677	LOG FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678	11/27/73-09/30/81	21	1.431	1.567	2.544	0.	0.673	0.82	0.361	0.801	2.38	2.539
31677	GM FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	GEOMETRIC MEAN =			36.938								
82028	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI(CAL)	11/27/73-08/09/79	11	6.	17.783	108.	0.03	1065.478	32.642	0.04	0.5	10.	95.6
82028	LOG RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI(	11/27/73-08/09/79	11	0.778	0.469	2.033	-1.523	1.206	1.098	-1.438	-0.301	1.	1.959
82028	GM RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI(C	GEOMETRIC MEAN =			2.942								

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Annual Analysis for 1977 - Station GATE0168

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/27/73-09/30/81	20	20.5	16.45	26.	-1.	74.787	8.648	2.55	2.	22.75	25.75
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/27/73-09/10/79	20	24.5	20.75	32.	0.	76.276	8.734	1.15	16.25	25.75	27.45
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/27/73-07/15/81	20	8.	7.8	15.	2.	9.642	3.105	3.2	5.	10.	11.8
00077	TRANSPARENCY, SECCHI DISC (INCHES)	11/27/73-07/26/79	19	42.	41.368	78.	1.	240.357	15.503	29.	36.	48.	60.
00080	COLOR (PLATINUM-COBALT UNITS)	11/27/73-09/30/81	20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/27/73-09/30/81	20	7.95	8.91	17.3	4.9	12.3	3.507	5.23	5.925	11.575	14.26
00300	OXYGEN, DISSOLVED MG/L	11/27/73-09/10/79	20	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00310	BOD, 5 DAY, 20 DEG C MG/L	12/11/73-09/10/79	18	2.	2.514	6.	0.25	2.077	1.441	0.925	1.75	3.	5.1
00312	BOD, 6 DAY, 20 DEG C MG/L	11/27/73-09/10/79	20	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00315	BOD, 7 DAY, 20 DEG C MG/L	11/27/73-09/10/79	20	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00400	PH (STANDARD UNITS)	11/27/73-07/15/81	20	7.85	8.	8.8	7.6	0.138	0.371	7.61	7.7	8.3	8.76
00400	CONVERTED PH (STANDARD UNITS)	11/27/73-07/15/81	20	7.847	7.886	8.8	7.6	0.152	0.389	7.61	7.7	8.3	8.76
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/27/73-07/15/81	20	0.014	0.013	0.025	0.002	0.	0.008	0.002	0.005	0.02	0.025
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/27/73-09/30/81	20	104.5	104.45	120.	81.	89.734	9.473	84.7	102.	109.75	118.4
00480	SALINITY - PARTS PER THOUSAND	11/27/73-09/30/81	2	23.5	23.5	28.	19.	40.5	6.364	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/27/73-07/15/81	20	0.8	0.945	1.9	0.5	0.267	0.517	0.5	0.5	1.45	1.8
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/27/73-09/30/81	20	0.048	0.05	0.2	0.01	0.002	0.041	0.011	0.021	0.06	0.079
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/27/73-09/30/81	20	0.335	0.35	0.72	0.12	0.022	0.148	0.162	0.248	0.415	0.591
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/27/73-09/30/81	20	0.16	0.209	0.6	0.04	0.024	0.155	0.041	0.093	0.335	0.427

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Annual Analysis for 1977 - Station GATE0168

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00940	CHLORIDE,TOTAL IN WATER MG/L	11/27/73-09/30/81	20	18000.	16800.	19500.	8500.	8615789.474	2935.267	13000.	14375.	19000.	19450.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/27/73-09/30/81	20	80.	196.5	790.	10.	57023.947	238.797	20.	50.	305.	760.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	11/27/73-09/30/81	20	1.903	2.005	2.898	1.	0.281	0.53	1.301	1.699	2.479	2.877
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			101.218								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/27/73-09/30/81	20	20.	34.05	230.	1.	2590.155	50.894	10.	10.	20.	80.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/27/73-09/30/81	20	1.301	1.279	2.362	0.	0.223	0.472	1.	1.	1.301	1.903
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			19.002								
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	11/27/73-09/30/81	20	5.5	31.45	240.	1.	5230.155	72.32	1.	1.25	10.75	220.9
31677	LOG FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678	11/27/73-09/30/81	20	0.739	0.764	2.38	0.	0.558	0.747	0.	0.075	1.031	2.311
31677	GM FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	GEOMETRIC MEAN =			5.811								
82028	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI(CAL)	11/27/73-08/09/79	1	10.	10.	10.	10.	0.	0.	**	**	**	**
82028	LOG RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI(	11/27/73-08/09/79	1	1.	1.	1.	1.	0.	0.	**	**	**	**
82028	GM RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI(C	GEOMETRIC MEAN =			10.								

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Annual Analysis for 1978 - Station GATE0168

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/27/73-09/30/81	22	20.	17.514	27.2	0.	71.269	8.442	1.45	12.375	25.	26.88
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/27/73-09/10/79	20	25.	20.295	30.	0.	91.487	9.565	0.5	13.5	26.925	28.87
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/27/73-07/15/81	23	7.	7.913	40.	2.	52.992	7.28	2.4	5.	8.	9.6
00077	TRANSPARENCY, SECCHI DISC (INCHES)	11/27/73-07/26/79	19	48.	49.263	84.	18.	258.316	16.072	24.	36.	60.	72.
00080	COLOR (PLATINUM-COBALT UNITS)	11/27/73-09/30/81	23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/27/73-09/30/81	22	7.95	8.436	13.4	5.	5.02	2.24	5.5	6.775	10.275	11.67
00300	OXYGEN, DISSOLVED MG/L	11/27/73-09/10/79	22	0.3	0.655	8.1	0.3	2.765	1.663	0.3	0.3	0.3	0.3
00310	BOD, 5 DAY, 20 DEG C MG/L	12/11/73-09/10/79	19	2.	2.768	8.	0.6	3.152	1.775	1.	2.	3.	5.
00312	BOD, 6 DAY, 20 DEG C MG/L	11/27/73-09/10/79	23	0.3	0.404	2.	0.3	0.142	0.377	0.3	0.3	0.3	0.72
00315	BOD, 7 DAY, 20 DEG C MG/L	11/27/73-09/10/79	21	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00400	PH (STANDARD UNITS)	11/27/73-07/15/81	23	7.9	7.983	9.2	7.5	0.147	0.383	7.54	7.8	8.2	8.52
00400	CONVERTED PH (STANDARD UNITS)	11/27/73-07/15/81	23	7.9	7.868	9.2	7.5	0.161	0.401	7.54	7.8	8.2	8.52
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/27/73-07/15/81	23	0.013	0.014	0.032	0.001	0.	0.008	0.003	0.006	0.016	0.029
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/27/73-09/30/81	23	102.	104.087	131.	87.	136.901	11.7	90.	95.	110.	124.4
00480	SALINITY - PARTS PER THOUSAND	11/27/73-09/30/81	19	19.	18.721	24.	13.5	10.42	3.228	14.	16.	21.4	23.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/27/73-07/15/81	23 ##	0.26	0.276	0.95	0.025	0.065	0.255	0.05	0.05	0.5	0.548
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/27/73-09/30/81	23	0.024	0.027	0.046	0.012	0.	0.012	0.013	0.015	0.039	0.042
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/27/73-09/30/81	23	0.31	0.319	0.58	0.06	0.023	0.152	0.098	0.19	0.45	0.532
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/27/73-09/30/81	23	0.23	0.23	0.51	0.01	0.015	0.121	0.03	0.15	0.3	0.396
00940	CHLORIDE,TOTAL IN WATER MG/L	11/27/73-09/30/81	20	13750.	13440.	17000.	9500.	3016736.842	1736.876	9750.	13000.	14500.	14975.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/27/73-09/30/81	23	50.	108.696	490.	10.	24448.221	156.359	10.	10.	110.	490.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	11/27/73-09/30/81	23	1.699	1.671	2.69	1.	0.337	0.58	1.	1.	2.041	2.69
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			46.918								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/27/73-09/30/81	23	20.	60.87	490.	10.	11217.391	105.912	10.	10.	50.	184.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/27/73-09/30/81	23	1.301	1.446	2.69	1.	0.252	0.502	1.	1.	1.699	2.251
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			27.914								
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	11/27/73-09/30/81	23	9.	71.87	350.	1.	14032.3	118.458	1.	2.	79.	306.
31677	LOG FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678	11/27/73-09/30/81	23	0.954	1.075	2.544	0.	0.852	0.923	0.	0.301	1.898	2.479
31677	GM FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	GEOMETRIC MEAN =			11.878								
82028	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI(CAL)	11/27/73-08/09/79	19	4.	9.092	82.	0.04	349.512	18.695	0.05	0.25	10.	25.
82028	LOG RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI(	11/27/73-08/09/79	19	0.602	0.274	1.914	-1.398	0.869	0.932	-1.301	-0.602	1.	1.398
82028	GM RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI(C	GEOMETRIC MEAN =			1.879								

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Annual Analysis for 1979 - Station GATE0168

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/27/73-09/30/81	16	18.25	15.863	27.9	0.5	67.944	8.243	2.6	8.875	20.	27.83
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/27/73-09/10/79	13	21.	18.877	30.9	2.5	71.972	8.484	3.7	13.25	23.5	29.94
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/27/73-07/15/81	17	8.	10.647	51.	5.	111.618	10.565	5.8	6.5	10.	19.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	11/27/73-07/26/79	12	42.	43.5	66.	6.	301.909	17.376	11.4	33.	60.	64.2
00080	COLOR (PLATINUM-COBALT UNITS)	11/27/73-09/30/81	17	0.	1.176	20.	0.	23.529	4.851	0.	0.	0.	4.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/27/73-09/30/81	16	9.55	9.6	12.4	4.8	3.707	1.925	6.13	9.05	10.3	12.26
00300	OXYGEN, DISSOLVED MG/L	11/27/73-09/10/79	14	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00310	BOD, 5 DAY, 20 DEG C MG/L	12/11/73-09/10/79	13	4.	4.692	12.	1.	12.397	3.521	1.4	2.	5.	12.
00312	BOD, 6 DAY, 20 DEG C MG/L	11/27/73-09/10/79	15	0.3	0.48	3.	0.3	0.486	0.697	0.3	0.3	0.3	1.38
00315	BOD, 7 DAY, 20 DEG C MG/L	11/27/73-09/10/79	14	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00400	PH (STANDARD UNITS)	11/27/73-07/15/81	15	7.8	7.853	8.5	7.3	0.08	0.283	7.48	7.7	8.	8.38
00400	CONVERTED PH (STANDARD UNITS)	11/27/73-07/15/81	15	7.8	7.775	8.5	7.3	0.086	0.294	7.48	7.7	8.	8.38
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/27/73-07/15/81	15	0.016	0.017	0.05	0.003	0.	0.011	0.004	0.01	0.02	0.035
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/27/73-09/30/81	17	89.	91.588	108.	75.	79.257	8.903	80.6	86.	99.5	104.8
00480	SALINITY - PARTS PER THOUSAND	11/27/73-09/30/81	16	17.35	18.288	37.9	8.2	44.437	6.666	9.11	15.9	21.15	26.91
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/27/73-07/15/81	17	0.1	0.159	0.42	0.005	0.016	0.128	0.041	0.055	0.26	0.404
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/27/73-09/30/81	17	0.018	0.055	0.374	0.011	0.009	0.094	0.013	0.015	0.04	0.234
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/27/73-09/30/81	17	0.26	0.329	1.1	0.11	0.058	0.241	0.118	0.18	0.395	0.692
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/27/73-09/30/81	17	0.15	0.189	0.76	0.02	0.028	0.167	0.052	0.11	0.185	0.416
00940	CHLORIDE,TOTAL IN WATER MG/L	11/27/73-09/30/81	17	12500.	13367.647	23000.	9500.	11688419.118	3418.833	9900.	10875.	15500.	18600.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/27/73-09/30/81	14	50.	147.857	700.	10.	52741.209	229.655	10.	10.	182.5	595.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	11/27/73-09/30/81	14	1.699	1.695	2.845	1.	0.433	0.658	1.	1.	2.1	2.768
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			49.55								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/27/73-09/30/81	15	20.	51.333	230.	10.	6026.667	77.632	10.	10.	20.	224.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/27/73-09/30/81	15	1.301	1.377	2.362	1.	0.241	0.491	1.	1.	1.301	2.35
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			23.829								
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	11/27/73-09/30/81	15	17.	46.667	240.	1.	4299.952	65.574	1.	2.	79.	161.4
31677	LOG FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678	11/27/73-09/30/81	15	1.23	1.14	2.38	0.	0.664	0.815	0.	0.301	1.898	2.175
31677	GM FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	GEOMETRIC MEAN =			13.81								
82028	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI(CAL)	11/27/73-08/09/79	10	1.15	3.344	10.	0.04	17.729	4.211	0.056	0.275	8.5	10.
82028	LOG RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI(	11/27/73-08/09/79	10	0.04	0.044	1.	-1.398	0.632	0.795	-1.328	-0.567	0.927	1.
82028	GM RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI(C	GEOMETRIC MEAN =			1.107								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GATE0168

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/27/73-09/30/81	5 ##	10.	12.	20.	10.	20.	4.472	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	11/27/73-09/30/81	5 ##	1.	1.06	1.301	1.	0.018	0.135	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			11.487								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/27/73-09/30/81	5 ##	10.	12.	20.	10.	20.	4.472	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/27/73-09/30/81	5 ##	1.	1.06	1.301	1.	0.018	0.135	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.487								
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	11/27/73-09/30/81	5	130.	142.	230.	10.	8520.	92.304	**	**	**	**
31677	LOG FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678	11/27/73-09/30/81	5	2.114	1.976	2.362	1.	0.318	0.564	**	**	**	**
31677	GM FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	GEOMETRIC MEAN =			94.571								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station GATE0168

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/27/73-09/30/81	2	20.	20.	24.5	15.5	40.5	6.364	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/27/73-07/15/81	1	3.6	3.6	3.6	3.6	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station GATE0168

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00080	COLOR (PLATINUM-COBALT UNITS)	11/27/73-09/30/81	2 ##	3.75	3.75	5.	2.5	3.125	1.768	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/27/73-09/30/81	2	6.6	6.6	7.6	5.6	2.	1.414	**	**	**	**
00400	PH (STANDARD UNITS)	11/27/73-07/15/81	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/27/73-07/15/81	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/27/73-07/15/81	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/27/73-09/30/81	2	95.	95.	103.	87.	128.	11.314	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	11/27/73-09/30/81	2	20.45	20.45	20.5	20.4	0.005	0.071	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/27/73-07/15/81	1	0.22	0.22	0.22	0.22	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/27/73-09/30/81	2	0.049	0.049	0.084	0.013	0.003	0.05	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/27/73-09/30/81	2	0.49	0.49	0.61	0.37	0.029	0.17	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/27/73-09/30/81	2	18750.	18750.	21000.	16500.	10125000.	3181.981	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/27/73-09/30/81	2 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	11/27/73-09/30/81	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			10.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/27/73-09/30/81	2 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/27/73-09/30/81	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.								
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	11/27/73-09/30/81	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
31677	LOG FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678	11/27/73-09/30/81	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
31677	GM FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	GEOMETRIC MEAN =			1.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0168

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/27/73-09/30/81	86	21.6	20.416	27.9	8.5	20.764	4.557	13.2	17.275	24.	25.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/27/73-07/15/81	86	5.	5.105	12.	0.	7.46	2.731	2.	3.	7.	9.3
00080	COLOR (PLATINUM-COBALT UNITS)	11/27/73-09/30/81	87	0.	0.057	5.	0.	0.287	0.536	0.	0.	0.	0.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/27/73-09/30/81	83	6.9	6.846	10.2	3.1	2.243	1.498	4.66	5.9	7.7	9.06
00400	PH (STANDARD UNITS)	11/27/73-07/15/81	86	7.7	7.63	9.2	6.3	0.154	0.393	7.27	7.5	7.8	8.
00400	CONVERTED PH (STANDARD UNITS)	11/27/73-07/15/81	86	7.7	7.394	9.2	6.3	0.211	0.459	7.27	7.5	7.8	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/27/73-07/15/81	86	0.02	0.04	0.501	0.001	0.006	0.078	0.01	0.016	0.032	0.054
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/27/73-09/30/81	87	104.	103.598	131.	76.	85.104	9.225	93.4	99.	110.	113.2
00480	SALINITY - PARTS PER THOUSAND	11/27/73-09/30/81	76	22.2	22.953	41.2	13.5	34.534	5.877	16.35	19.125	24.7	31.3
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/27/73-07/15/81	59	0.5	0.611	2.	0.	0.315	0.561	0.	0.05	1.	1.5
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/27/73-09/30/81	60	0.048	0.078	0.976	0.004	0.018	0.132	0.029	0.035	0.069	0.11
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/27/73-09/30/81	60	0.315	0.319	0.6	0.03	0.022	0.149	0.1	0.2	0.42	0.51
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/27/73-09/30/81	59	0.24	0.253	0.6	0.02	0.015	0.122	0.1	0.16	0.33	0.42
00940	CHLORIDE,TOTAL IN WATER MG/L	11/27/73-09/30/81	57	15500.	16141.228	25000.	9700.	8218225.251	2866.745	13160.	14000.	18000.	19500.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/27/73-09/30/81	61	80.	446.393	16000.	10.	4222073.443	2054.768	10.	20.	170.	490.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	11/27/73-09/30/81	61	1.903	1.912	4.204	1.	0.432	0.657	1.	1.301	2.23	2.69
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			81.667								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/27/73-09/30/81	61	20.	48.852	330.	10.	4426.995	66.536	10.	10.	60.	130.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/27/73-09/30/81	61	1.301	1.433	2.519	1.	0.2	0.448	1.	1.	1.772	2.114
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			27.119								
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	11/27/73-09/30/81	61	17.	251.033	5400.	1.	638621.199	799.138	1.	4.	230.	350.
31677	LOG FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678	11/27/73-09/30/81	61	1.23	1.34	3.732	0.	1.022	1.011	0.	0.602	2.362	2.544
31677	GM FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	GEOMETRIC MEAN =			21.857								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	11/27/73-10/01/80	42	11130.	7450.143	11536.	1015.	24562724.223	4956.08	1034.5	1226.25	11317.25	11510.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0168

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/27/73-09/30/81	74	5.25	5.596	15.	-1.	17.361	4.167	0.5	2.15	8.	12.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/27/73-07/15/81	74	4.	7.392	51.	1.	69.557	8.34	2.	3.	8.25	15.5
00080	COLOR (PLATINUM-COBALT UNITS)	11/27/73-09/30/81	74	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/27/73-09/30/81	74	10.1	10.282	17.3	6.4	4.558	2.135	7.1	8.975	11.725	13.3
00400	PH (STANDARD UNITS)	11/27/73-07/15/81	73	7.5	7.582	8.8	6.3	0.242	0.492	7.1	7.3	7.75	8.3
00400	CONVERTED PH (STANDARD UNITS)	11/27/73-07/15/81	73	7.5	7.319	8.8	6.3	0.312	0.558	7.1	7.3	7.75	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/27/73-07/15/81	73	0.032	0.048	0.501	0.002	0.007	0.081	0.005	0.018	0.05	0.079
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/27/73-09/30/81	74	99.	98.905	120.	71.	80.881	8.993	89.	94.	104.	110.
00480	SALINITY - PARTS PER THOUSAND	11/27/73-09/30/81	68	20.2	17.647	37.9	0.3	94.181	9.705	1.85	12.95	24.275	28.08
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/27/73-07/15/81	44	0.5	0.549	3.5	0.	0.379	0.616	0.	0.	1.	1.
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/27/73-09/30/81	44	0.049	0.074	0.296	0.006	0.005	0.074	0.014	0.026	0.081	0.213
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/27/73-09/30/81	44	0.195	0.237	1.1	0.	0.036	0.189	0.065	0.105	0.3	0.5
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/27/73-09/30/81	44	0.115	0.152	0.76	0.	0.018	0.136	0.015	0.08	0.208	0.285
00940	CHLORIDE,TOTAL IN WATER MG/L	11/27/73-09/30/81	44	13350.	13988.636	31000.	1500.	20384519.027	4514.922	9000.	11500.	16225.	18250.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/27/73-09/30/81	43	80.	186.326	790.	2.	44206.272	210.253	14.	50.	330.	490.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	11/27/73-09/30/81	43	1.903	1.968	2.898	0.301	0.341	0.584	1.12	1.699	2.519	2.69
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			92.949								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/27/73-09/30/81	44	50.	65.045	230.	2.	3954.51	62.885	10.	20.	80.	170.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/27/73-09/30/81	44	1.699	1.591	2.362	0.301	0.232	0.482	1.	1.301	1.903	2.23
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			39.038								
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	11/27/73-09/30/81	44	22.	44.295	240.	1.	3886.818	62.344	1.5	5.25	49.	120.
31677	LOG FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678	11/27/73-09/30/81	44	1.342	1.245	2.38	0.	0.436	0.66	0.151	0.719	1.69	2.078
31677	GM FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	GEOMETRIC MEAN =			17.585								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	11/27/73-10/01/80	36	1522.5	5710.417	11530.	1000.	24896389.107	4989.628	1045.	1275.	11186.25	11369.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0168

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/27/73-09/30/81	97	22.	19.82	28.	4.	31.239	5.589	11.	18.	23.5	25.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/27/73-07/15/81	102	6.	6.614	26.	0.	16.756	4.093	3.	4.	8.	11.7
00080	COLOR (PLATINUM-COBALT UNITS)	11/27/73-09/30/81	102	0.	0.221	20.	0.	3.973	1.993	0.	0.	0.	0.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/27/73-09/30/81	95	7.1	7.584	12.5	3.4	5.173	2.274	4.92	5.6	9.5	10.94
00400	PH (STANDARD UNITS)	11/27/73-07/15/81	100	7.8	7.847	8.6	7.1	0.073	0.271	7.5	7.7	8.075	8.2
00400	CONVERTED PH (STANDARD UNITS)	11/27/73-07/15/81	100	7.8	7.762	8.6	7.1	0.081	0.284	7.5	7.7	8.075	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/27/73-07/15/81	100	0.016	0.017	0.079	0.003	0.	0.012	0.006	0.008	0.02	0.032
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/27/73-09/30/81	101	99.	99.851	150.	75.	123.768	11.125	88.2	93.5	104.5	113.
00480	SALINITY - PARTS PER THOUSAND	11/27/73-09/30/81	92	21.4	20.776	60.9	2.2	136.127	11.667	2.8	16.	24.525	31.3
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/27/73-07/15/81	66	0.5	0.479	2.	0.	0.245	0.495	0.	0.05	0.5	1.3
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/27/73-09/30/81	66	0.021	0.035	0.374	0.002	0.003	0.052	0.01	0.015	0.034	0.06
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/27/73-09/30/81	66	0.23	0.268	0.72	0.02	0.031	0.176	0.05	0.135	0.365	0.538
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/27/73-09/30/81	65	0.15	0.174	0.51	0.01	0.014	0.118	0.04	0.07	0.245	0.36
00940	CHLORIDE,TOTAL IN WATER MG/L	11/27/73-09/30/81	63	15000.	15884.921	37000.	3000.	25924325.397	5091.594	10850.	12750.	18500.	22200.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/27/73-09/30/81	60	55.	161.833	1300.	10.	68215.226	261.18	10.	20.	160.	490.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	11/27/73-09/30/81	60	1.739	1.831	3.114	1.	0.33	0.574	1.	1.301	2.201	2.69
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			67.702								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/27/73-09/30/81	60	20.	44.6	490.	1.	6372.481	79.828	10.	10.	47.5	107.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/27/73-09/30/81	60	1.301	1.363	2.69	0.	0.198	0.445	1.	1.	1.675	2.028
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			23.081								
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	11/27/73-09/30/81	59	5.	89.576	2400.	1.	101947.179	319.292	1.	2.	33.	240.
31677	LOG FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678	11/27/73-09/30/81	59	0.699	0.962	3.38	0.	0.814	0.902	0.	0.301	1.519	2.38
31677	GM FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	GEOMETRIC MEAN =			9.168								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	11/27/73-10/01/80	34	11072.5	8001.912	11545.	1015.	22485489.053	4741.887	1130.	1341.25	11303.75	11472.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0169

NPS Station ID: GATE0169
LAT/LON: 40.440837/ -73.977505
Agency: 21NJDEP1
Date Created: 11/01/80
Location: ATLANTIC OCEAN SANDY HOOK SOUTH BEACH
FIPS State/County: 34991 NEW JERSEY/
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): L6978336988 /RT070
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST MAJOR BASIN
Elevation: 0
Water Body Id:
Minor Basin: NEW JERSEY COASTAL MINOR BASIN
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/13/76-06/04/79	45	18.	15.98	25.5	3.	41.066	6.408	4.3	12.	20.5	22.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/13/76-06/04/79	44	23.	20.152	32.	0.	74.106	8.608	4.	15.75	26.525	29.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/13/76-06/18/79	48	10.	13.042	50.	1.	94.254	9.708	4.8	7.	15.	24.3
00080	COLOR (PLATINUM-COBALT UNITS)	04/13/76-06/18/79	48	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/13/76-06/18/79	46	8.45	8.737	11.7	5.6	2.494	1.579	7.	7.575	10.3	11.33
00300	OXYGEN, DISSOLVED MG/L	04/13/76-06/18/79	48	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00310	BOD, 5 DAY, 20 DEG C MG/L	04/13/76-06/18/79	41	2.	3.268	15.	0.25	9.786	3.128	1.	1.	4.	5.8
00312	BOD, 6 DAY, 20 DEG C MG/L	04/13/76-06/18/79	48	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00315	BOD, 7 DAY, 20 DEG C MG/L	04/13/76-06/18/79	48	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00400	PH (STANDARD UNITS)	04/13/76-06/18/79	48	8.	7.992	8.3	7.6	0.03	0.174	7.7	7.9	8.1	8.2
00400	CONVERTED PH (STANDARD UNITS)	04/13/76-06/18/79	48	8.	7.957	8.3	7.6	0.031	0.177	7.7	7.9	8.1	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/13/76-06/18/79	48	0.01	0.011	0.025	0.005	0.	0.005	0.006	0.008	0.013	0.02
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/13/76-06/18/79	47	112.	111.404	140.	77.	73.203	8.556	103.	107.	116.	120.2
00480	SALINITY - PARTS PER THOUSAND	04/13/76-06/18/79	29	26.	26.383	37.9	15.5	24.491	4.949	18.5	23.75	29.2	34.6
00510	RESIDUE, TOTAL FIXED (MG/L)	01/31/78-05/21/79	2	3.	3.	4.	2.	2.	1.414	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/13/76-06/18/79	48	0.5	0.691	2.2	0.03	0.309	0.556	0.05	0.425	1.	1.7
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/13/76-06/18/79	48	0.015	0.029	0.286	0.001	0.002	0.045	0.006	0.011	0.034	0.051
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/13/76-06/18/79	47	0.21	0.239	0.98	0.04	0.029	0.17	0.088	0.14	0.26	0.418
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/13/76-06/18/79	47	0.13	0.145	0.54	0.005	0.009	0.094	0.048	0.08	0.19	0.242
00940	CHLORIDE,TOTAL IN WATER MG/L	04/13/76-06/18/79	46	17000.	17804.348	24000.	10000.	8413647.343	2900.629	14700.	15937.5	20625.	22000.
00956	SILICA, TOTAL (MG/L AS SI02)	01/31/79-06/18/79	6	1.	0.833	2.	0.	0.567	0.753	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/13/76-06/18/79	48	35.	130.729	1300.	10.	63591.478	252.174	10.	20.	125.	346.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/13/76-06/18/79	48	1.5	1.682	3.114	1.	0.337	0.58	1.	1.301	2.096	2.536
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			48.037								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/13/76-06/18/79	48	## 10.	23.75	130.	10.	802.66	28.331	10.	10.	20.	80.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/13/76-06/18/79	48	## 1.	1.205	2.114	1.	0.112	0.335	1.	1.	1.301	1.903
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			16.015								
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	04/13/76-06/18/79	48	## 1.5	26.229	240.	1.	3393.074	58.25	1.	1.	18.25	140.
31677	LOG FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678	04/13/76-06/18/79	48	## 0.151	0.629	2.38	0.	0.621	0.788	0.	0.	1.254	2.146
31677	GM FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	GEOMETRIC MEAN =			4.255								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/23/77-04/17/78	19	11030.	7484.737	11345.	1015.	24793301.316	4979.287	1015.	1200.	11300.	11330.
74010	IRON, TOTAL (MG/L AS FE)	05/21/79-06/18/79	2	0.08	0.08	0.1	0.06	0.001	0.028	**	**	**	**
82028	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI(CAL)	04/13/76-06/18/79	24	10.	10.023	65.	0.04	237.468	15.41	0.05	1.125	10.	30.
82028	LOG RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI(	04/13/76-06/18/79	24	1.	0.465	1.813	-1.398	0.839	0.916	-1.301	0.044	1.	1.349
82028	GM RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI(C	GEOMETRIC MEAN =			2.919								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0169

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	48	1	0.02	17	1	0.06	10	0	0.00	21	0	0.00			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	46	0	0.00	16	0	0.00	9	0	0.00	21	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	48	48	1.00	17	17	1.00	10	10	1.00	21	21	1.00			
00400	PH	Other-Hi Lim.	9.	48	0	0.00	17	0	0.00	10	0	0.00	21	0	0.00			
		Other-Lo Lim.	6.5	48	0	0.00	17	0	0.00	10	0	0.00	21	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	48	2	0.04	17	0	0.00	10	1	0.10	21	1	0.05			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	48	0	0.00	17	0	0.00	10	0	0.00	21	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0170

NPS Station ID: GATE0170
LAT/LON: 40.377227/ -73.977782
Agency: 21NJDEP1
Date Created: 08/08/81
Location: NAVESINK RIVER
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 1000000200 /1020C /SF03042
RMI-Indexes: 0133006
Within Park Boundary: No
RMI-Miles: 0002.00
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST MAJOR BASIN
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA
ECO Region:
RF1 Index: 02030104011
RF1 Mile Point: 0.390
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J.
TIDE CORRECTION (H/L): (+1:09/+1:45)
ASSOCIATED NOAA WEATHER STATION: 4987

Parameter Inventory for Station: GATE0170

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-07/01/75	8	3.3	9.025	21.1	0.	101.294	10.064	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-07/01/75	8	5.5	8.5	20.	0.	58.286	7.635	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-07/01/75	8	190.	308.	1100.	15.	132336.857	363.781	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-07/01/75	8	2.269	2.155	3.041	1.176	0.415	0.644	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			142.943								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/04/75-07/01/75	3	150.	205.667	460.	7.	53626.333	231.574	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/04/75-07/01/75	3	2.176	1.895	2.663	0.845	0.885	0.941	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			78.46								
31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	02/05/73-02/28/73	5	4.	4.	4.	4.	0.	0.	**	**	**	**
31678	LOG FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATI	02/05/73-02/28/73	5	0.602	0.602	0.602	0.602	0.	0.	**	**	**	**
31678	GM FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATIO	GEOMETRIC MEAN =			4.								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-07/01/75	8	11172.5	7566.875	11500.	1000.	27120628.125	5207.747	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0170

				Total	Exceed	Prop.	----------8/01-10/31----------			----------11/01-3/31----------			----------4/01-7/31----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	8	1	0.13				5	0	0.00	3	1	0.33			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	3	1	0.33							3	1	0.33			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0171

NPS Station ID: GATE0171 LAT/LON: 40.409448/ -73.977782 Agency: 1111H030 Date Created: / /
Location: NEW JERSEY BEACHES FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/OCEAN STORET Station ID(s): JC04 /JC4 /JC-4
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 02030104 Depth of Water: 0 Aquifer:
Major Basin: ATLANTIC OCEAN Elevation: 0 Water Body Id:
Minor Basin: JERSEY COAST-ISLAND BEACH PLUMB. ISLAND ECO Region:
RF1 Index: 02030104013 RF1 Mile Point: 0.800 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:
ISLAND BEACH OFF PLUM ISLAND. SOUTHERN END OF SANDY HOOK

Parameter Inventory for Station: GATE0171

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/72-04/17/72	1	8.	8.	8.	8.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/72-04/17/72	1	0.903	0.903	0.903	0.903	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			8.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/72-04/17/72	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/72-04/17/72	1 ##	0.301	0.301	0.301	0.301	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0171

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00							1	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0172

NPS Station ID: GATE0172
LAT/LON: 40.374448/ -73.977782
Agency: 21NJDEP1
Date Created: 08/08/81
Location: NAVESINK RIVER
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 1000000210 /1020D /SF03041
RMI-Indexes: 0133006
Within Park Boundary: No
RMI-Miles: 0002.10
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST MAJOR BASIN
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA
ECO Region:
RF1 Index: 02030104011
RF1 Mile Point: 0.490
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J.
TIDE CORRECTION (H/L): (+1:09/+1:45)
ASSOCIATED NOAA WEATHER STATION: 4987

Parameter Inventory for Station: GATE0172

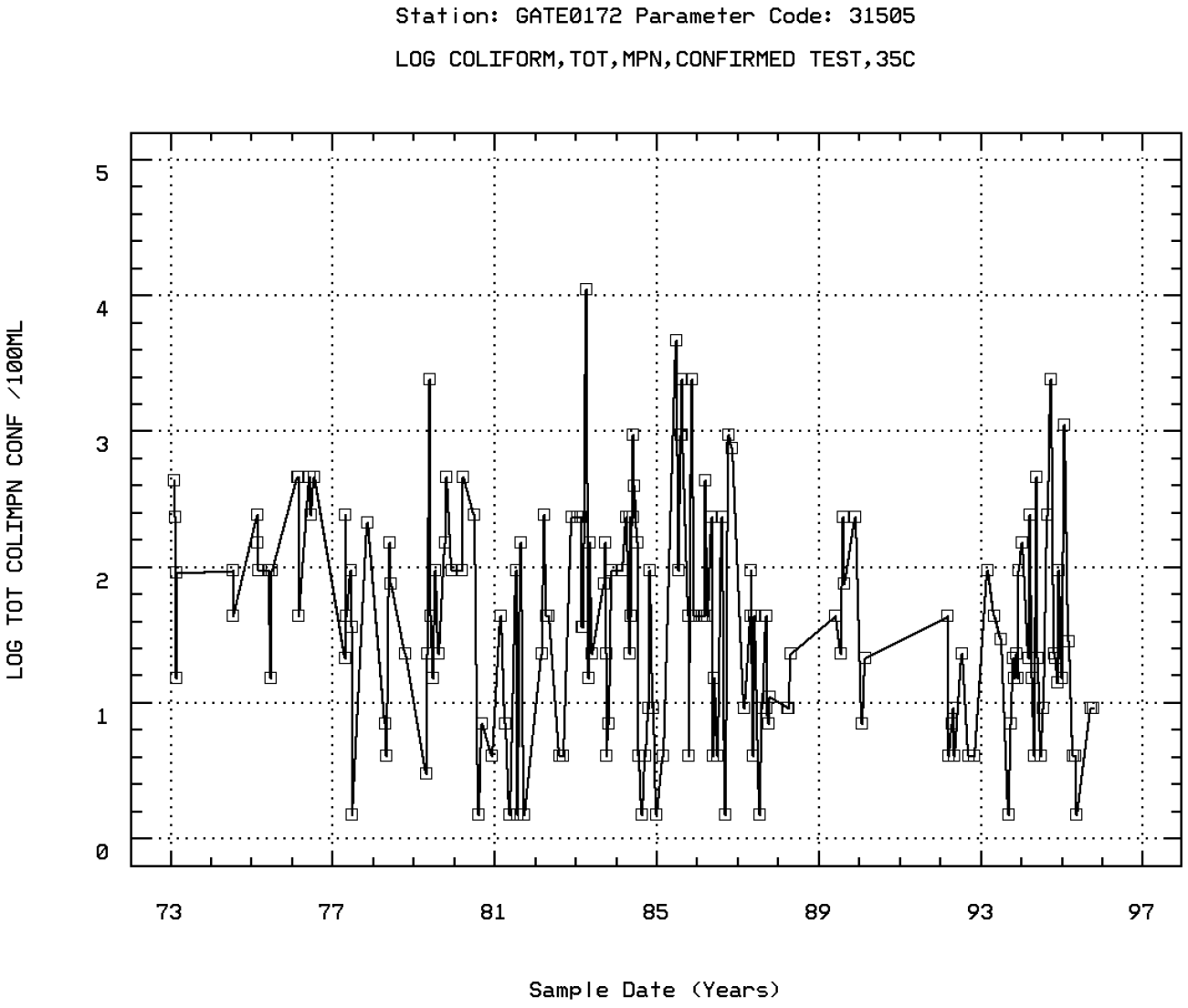
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-10/17/95	53	16.	14.106	28.	0.	66.121	8.131	2.4	5.2	21.1	23.18
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	191	16.	16.344	32.	0.	61.032	7.812	6.	10.	22.	27.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	209	7.	7.344	20.	0.	22.429	4.736	1.	3.	10.	14.
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	178	43.	253.733	11000.	1.5	918687.695	958.482	4.	9.	150.	460.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	178	1.633	1.596	4.041	0.176	0.671	0.819	0.602	0.954	2.176	2.663
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			39.49								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	173	15.	69.014	1500.	1.5	33046.862	181.788	1.5	4.	43.	198.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	173	1.176	1.172	3.176	0.176	0.521	0.722	0.176	0.602	1.633	2.287
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			14.86								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	29	7.3	10.872	43.	1.5	156.565	12.513	1.5	3.6	12.05	43.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/88-08/08/95	29	0.863	0.806	1.633	0.176	0.204	0.451	0.176	0.556	1.068	1.633
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			6.391								
31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	02/05/73-10/16/78	13	4.	5.615	11.	4.	9.423	3.07	4.	4.	7.5	11.
31678	LOG FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATI	02/05/73-10/16/78	13	0.602	0.703	1.041	0.602	0.037	0.193	0.602	0.602	0.822	1.041
31678	GM FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATIO	GEOMETRIC MEAN =			5.052								
70211p	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	211	11115.	6737.72	11645.	1000.	24918372.583	4991.831	1155.	1320.	11254.	11430.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

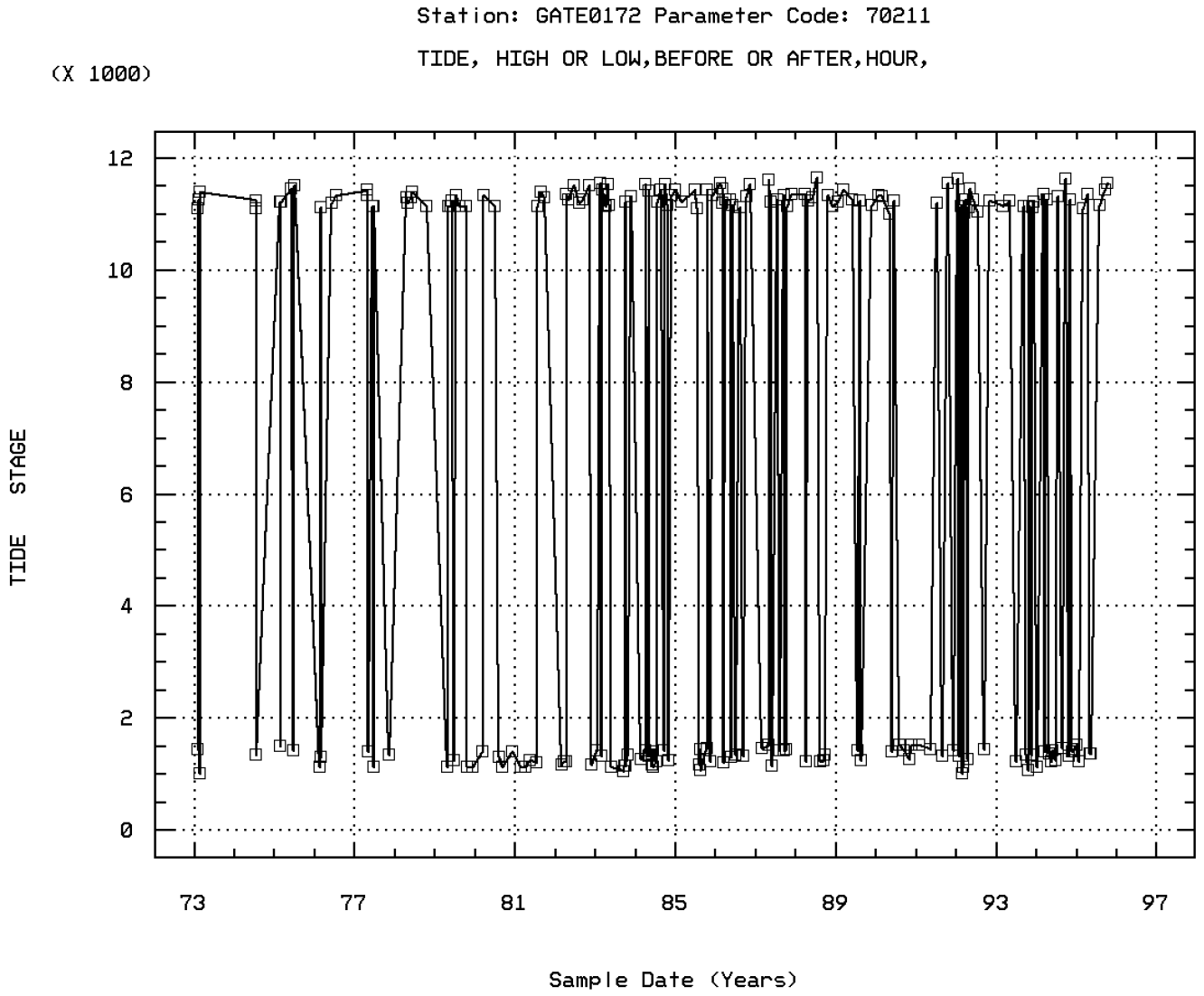
EPA Water Quality Criteria Analysis for Station: GATE0172

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	178	7	0.04	44	2	0.05	57	2	0.04	77	3	0.04			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	173	17	0.10	44	6	0.14	52	4	0.08	77	7	0.09			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



NAVESINK RIVER



NAVESINK RIVER

Annual Analysis for 1973 - Station GATE0172

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	5	4.	3.6	6.	0.	5.3	2.302	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	5	230.	239.2	430.	15.	36280.7	190.475	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	5	2.362	2.153	2.633	1.176	0.374	0.612	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			142.154								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	5	11100.	7235.	11400.	1000.	30234700.	5498.609	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station GATE0172

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	3	10.	8.333	10.	5.	8.333	2.887	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	3	93.	76.333	93.	43.	833.333	28.868	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	3	1.968	1.857	1.968	1.633	0.037	0.193	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			71.914								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	3	23.	29.	43.	21.	148.	12.166	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	3	1.362	1.439	1.633	1.322	0.029	0.169	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			27.488								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	3	11100.	7891.667	11230.	1345.	32148358.333	5669.952	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GATE0172

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	6	17.5	15.	20.	5.	40.	6.325	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	6	93.	114.	240.	15.	5659.2	75.228	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	6	1.968	1.94	2.38	1.176	0.167	0.409	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			87.024								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	6	33.	46.5	93.	4.	1449.5	38.072	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	6	1.498	1.483	1.968	0.602	0.26	0.51	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			30.385								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	6	11215.	8048.333	11500.	1415.	26077736.667	5106.637	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station GATE0172

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	3	27.2	26.9	28.	25.5	1.63	1.277	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	4	4.5	3.75	5.	1.	3.583	1.893	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	6	460.	353.833	460.	43.	30932.167	175.875	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	6	2.663	2.444	2.663	1.633	0.17	0.413	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			278.047								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	6	157.5	220.167	460.	43.	39856.567	199.641	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	6	2.128	2.141	2.663	1.633	0.238	0.487	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			138.448								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	5	11115.	7215.	11330.	1130.	30009475.	5478.09	**	**	**	**

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Annual Analysis for 1977 - Station GATE0172

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	7	18.	19.	28.	10.	78.333	8.851	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	6	4.	4.333	10.	1.	10.267	3.204	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	7	43.	92.071	240.	1.5	9099.536	95.391	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	7	1.633	1.623	2.38	0.176	0.562	0.749	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			41.948								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	7	23.	59.357	240.	1.5	7281.226	85.33	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	7	1.362	1.352	2.38	0.176	0.525	0.725	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			22.491								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	7	11130.	6982.857	11430.	1130.	28408557.143	5329.968	**	**	**	**

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Annual Analysis for 1978 - Station GATE0172

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	5	16.	17.8	24.	12.	25.2	5.02	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	5	5.	5.6	10.	0.	14.3	3.782	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	5	23.	51.8	150.	4.	3825.7	61.852	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	5	1.362	1.372	2.176	0.602	0.443	0.665	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			23.551								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	5	9.	8.2	20.	1.5	57.575	7.588	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	5	0.954	0.712	1.301	0.176	0.26	0.51	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.156								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	5	11300.	11266.	11400.	11130.	10780.	103.827	**	**	**	**

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Annual Analysis for 1979 - Station GATE0172

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	10	21.	19.1	28.	4.	52.989	7.279	4.8	13.5	24.25	27.7
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	10	7.5	7.	12.	2.	17.111	4.137	2.1	3.	10.5	12.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	10	68.	330.3	2400.	3.	547062.011	739.636	4.2	21.	227.5	2206.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	10	1.801	1.817	3.38	0.477	0.665	0.816	0.547	1.315	2.298	3.308
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			65.557								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	10	23.	74.9	460.	3.	18910.767	137.516	4.2	21.	55.5	423.3
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	10	1.362	1.5	2.663	0.477	0.315	0.561	0.547	1.315	1.717	2.593
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			31.61								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	10	11130.	7170.	11330.	1130.	26804888.889	5177.344	1130.	1130.	11155.	11320.

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Annual Analysis for 1980 - Station GATE0172

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	6	14.	15.5	27.	6.	77.5	8.803	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	6	6.5	6.5	10.	4.	5.5	2.345	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	6	50.	134.25	460.	1.5	33955.575	184.27	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	6	1.407	1.439	2.663	0.176	1.062	1.031	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			27.486								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	6	12.5	27.333	93.	1.5	1295.367	35.991	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	6	0.962	0.98	1.968	0.176	0.591	0.769	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.544								

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Annual Analysis for 1980 - Station GATE0172

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	6	1400.	4615.	11330.	1130.	26268670.	5125.297	**	**	**	**

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Annual Analysis for 1981 - Station GATE0172

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	7	20.	21.	31.	10.	41.667	6.455	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	7	10.	9.714	15.	3.	20.571	4.536	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	7	7.	42.5	150.	1.5	3401.667	58.324	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	7	0.845	1.022	2.176	0.176	0.797	0.893	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			10.511								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	7	7.	11.5	23.	1.5	119.5	10.932	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	7	0.845	0.78	1.362	0.176	0.352	0.594	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.023								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	7	1230.	5502.857	11400.	1130.	29177257.143	5401.598	**	**	**	**

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Annual Analysis for 1982 - Station GATE0172

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	10	15.5	15.8	26.	4.	43.956	6.63	4.4	11.75	21.25	25.6
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	10	5.5	6.4	15.	1.	18.711	4.326	1.2	3.	10.	14.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	8	43.	78.75	240.	4.	9570.786	97.83	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	8	1.633	1.526	2.38	0.602	0.457	0.676	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			33.576								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	8	9.	23.438	91.	1.5	927.674	30.458	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	8	0.954	1.061	1.959	0.176	0.327	0.572	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.501								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	10	11222.	7281.	11515.	1158.	27551227.333	5248.926	1158.	1196.25	11393.25	11514.3

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Annual Analysis for 1983 - Station GATE0172

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	14	15.5	13.429	22.	0.	45.802	6.768	2.5	7.5	18.75	21.5
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	14	11.	9.786	15.	1.	27.874	5.28	1.	5.75	15.	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	14	55.5	862.286	11000.	4.	8519961.604	2918.897	5.5	21.	170.	5615.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	14	1.716	1.816	4.041	0.602	0.708	0.842	0.724	1.315	2.223	3.202
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			65.419								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	14	29.5	64.786	230.	4.	6450.027	80.312	4.	13.	105.75	230.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	14	1.459	1.481	2.362	0.602	0.343	0.586	0.602	1.093	2.013	2.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			30.247								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	14	6269.	6273.786	11544.	1044.	27588968.951	5252.52	1080.5	1141.25	11347.25	11540.

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Annual Analysis for 1984 - Station GATE0172

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	17	19.	18.235	31.	2.	66.566	8.159	6.8	12.	25.	29.4
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	17	9.	8.235	15.	1.	21.191	4.603	1.8	3.5	12.	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	15	93.	162.633	930.	1.5	58666.302	242.211	3.	9.	230.	606.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	15	1.968	1.669	2.968	0.176	0.717	0.847	0.432	0.954	2.362	2.742
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			46.714								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	15	9.	97.267	930.	1.5	56839.174	238.41	1.5	4.	93.	510.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	15	0.954	1.211	2.968	0.176	0.662	0.813	0.176	0.602	1.968	2.604
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			16.255								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	17	1416.	5439.118	11538.	1113.	26210637.235	5119.633	1146.6	1245.	11371.	11537.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GATE0172

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	11	18.	19.273	32.	7.	58.418	7.643	7.8	12.	26.	30.8
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	11	3.	4.909	15.	2.	17.491	4.182	2.	2.	8.	13.8
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	11	93.	1040.773	4600.	1.5	2250689.468	1500.23	2.	4.	2400.	4160.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	11	1.968	2.089	3.663	0.176	1.587	1.26	0.261	0.602	3.38	3.606
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			122.661								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	11	93.	394.909	1500.	1.5	264309.041	514.11	1.5	4.	930.	1386.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	11	1.968	1.767	3.176	0.176	1.384	1.177	0.176	0.602	2.968	3.135
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			58.431								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	11	11106.	6751.909	11436.	1058.	27618773.691	5255.357	1077.4	1228.	11427.	11434.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GATE0172

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	13	19.	16.	29.	5.	74.167	8.612	5.4	6.5	22.5	28.2
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	13	4.	5.538	14.	1.	17.603	4.196	1.	2.5	9.	13.2
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	13	43.	212.808	930.	1.5	94751.897	307.818	2.5	9.5	330.	858.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	13	1.633	1.715	2.968	0.176	0.813	0.902	0.346	0.889	2.498	2.931
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			51.84								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	13	23.	49.615	230.	1.5	4216.548	64.935	1.5	4.	93.	175.2
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	13	1.362	1.274	2.362	0.176	0.518	0.72	0.176	0.602	1.968	2.204
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			18.807								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	13	11204.	8229.154	11550.	1205.	23197144.641	4816.341	1243.4	1328.5	11375.	11543.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GATE0172

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	8	13.	13.	22.	7.	24.571	4.957	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	12	5.	6.667	15.	1.	27.697	5.263	1.	1.25	11.5	14.7
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	11	9.	24.773	93.	1.5	787.668	28.065	2.	7.	43.	83.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	11	0.954	1.127	1.968	0.176	0.283	0.532	0.261	0.845	1.633	1.901
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			13.395								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	11	4.	5.273	23.	1.5	35.568	5.964	1.5	4.	4.	19.2
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	11	0.602	0.594	1.362	0.176	0.094	0.306	0.176	0.602	0.602	1.21
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.923								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GATE0172

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	12	6323.	6355.667	11602.	1147.	26851817.333	5181.874	1228.9	1423.5	11309.	11529.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GATE0172

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	10	14.5	15.	26.	6.	42.	6.481	6.3	9.75	19.	25.9
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	10	6.	5.7	10.	0.	7.789	2.791	0.3	4.5	8.	9.8
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	3	9.	13.667	23.	9.	65.333	8.083	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	3	0.954	1.09	1.362	0.954	0.055	0.235	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			12.305								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	3	9.	6.5	9.	1.5	18.75	4.33	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	3	0.954	0.695	0.954	0.176	0.202	0.449	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.953								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	10	11184.5	7301.4	11645.	1219.	27147319.822	5210.309	1219.1	1227.5	11345.5	11616.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0172

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	7	21.	19.571	28.	5.	74.619	8.638	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	7	5.	6.286	15.	1.	25.905	5.09	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	5	75.	120.2	230.	23.	10390.7	101.935	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	5	1.875	1.919	2.362	1.362	0.197	0.443	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			82.936								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	5	23.	23.2	43.	4.	190.2	13.791	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	5	1.362	1.264	1.633	0.602	0.151	0.388	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			18.371								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	7	11209.	8418.	11422.	1244.	23461266.333	4843.683	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0172

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	9	19.	16.556	25.	5.	53.778	7.333	5.	8.5	22.5	25.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	9	10.	9.778	15.	4.	17.194	4.147	4.	6.	14.5	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	2	14.	14.	21.	7.	98.	9.899	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	2	1.084	1.084	1.322	0.845	0.114	0.337	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			12.124								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	2	12.5	12.5	21.	4.	144.5	12.021	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	2	0.962	0.962	1.322	0.602	0.259	0.509	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.165								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	9	1511.	5775.333	11336.	1254.	26706432.25	5167.827	1254.	1412.	11273.5	11336.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0172

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	6	22.	19.667	30.	6.	103.467	10.172	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	6	8.5	7.833	14.	1.	20.567	4.535	**	**	**	**
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	6	1478.5	4739.667	11550.	1318.	26440719.467	5142.054	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0172

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	14	9.5	12.571	29.	3.	65.187	8.074	4.	6.	19.25	26.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	14	7.5	7.214	15.	1.	21.72	4.66	1.	2.	10.5	14.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	8	5.5	12.25	43.	4.	195.929	13.997	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	8	0.724	0.9	1.633	0.602	0.159	0.399	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			7.95								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	8	4.	8.938	43.	1.5	191.603	13.842	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	8	0.602	0.708	1.633	0.176	0.173	0.417	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.106								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	14	11077.	7659.	11630.	1007.	24799337.538	4979.893	1061.5	1302.5	11247.25	11536.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station GATE0172

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	10	13.5	15.2	32.	5.	63.511	7.969	5.4	9.	20.25	31.2
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	10	5.5	6.2	14.	1.	16.622	4.077	1.2	3.	8.25	13.8
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	10	22.	34.05	93.	1.5	1096.136	33.108	2.05	13.	55.5	93.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	10	1.342	1.309	1.968	0.176	0.282	0.531	0.243	1.093	1.717	1.968
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			20.371								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	10	5.5	10.75	43.	1.5	169.792	13.03	1.5	1.5	16.5	40.8
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	10	0.724	0.766	1.633	0.176	0.263	0.513	0.176	0.176	1.213	1.602
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.839								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	10	11129.	7193.8	11227.	1059.	26279986.844	5126.401	1075.2	1306.5	11161.	11226.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station GATE0172

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	15	15.	14.533	27.	0.	61.981	7.873	3.	7.	20.	27.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	15	10.	7.6	14.	1.	29.971	5.475	1.	1.	14.	14.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	15	21.	247.667	2400.	4.	371446.667	609.464	4.	14.	240.	1236.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	15	1.322	1.65	3.38	0.602	0.645	0.803	0.602	1.146	2.38	2.95
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			44.716								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	15	9.	48.933	240.	1.5	7375.745	85.882	1.5	4.	23.	240.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	15	0.954	1.093	2.38	0.176	0.523	0.723	0.176	0.602	1.362	2.38
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.378								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	15	1412.	4676.333	11631.	1119.	23953371.667	4894.218	1173.	1311.	11252.	11467.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station GATE0172

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	9	13.	12.	24.	1.	70.25	8.382	1.	2.5	19.	24.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	9	10.	10.667	14.	2.	14.	3.742	2.	10.	14.	14.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	8	9.	146.313	1100.	1.5	148563.781	385.44	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	8	0.954	1.119	3.041	0.176	0.755	0.869	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			13.157								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	8	9.	16.063	75.	1.5	586.174	24.211	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	8	0.954	0.923	1.875	0.176	0.25	0.5	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.369								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	9	11100.	6892.556	11553.	1216.	27534829.528	5247.364	1216.	1358.	11387.	11553.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0172

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	51	20.	20.059	32.	11.	29.296	5.413	12.	16.	24.	27.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	54	6.	6.704	15.	0.	21.76	4.665	1.	2.75	10.	14.5
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	44	18.	222.102	2400.	1.5	288695.67	537.304	1.5	4.75	150.	930.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	44	1.249	1.422	3.38	0.176	0.838	0.915	0.176	0.663	2.176	2.968
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			26.437								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	44	5.5	88.511	930.	1.5	45208.366	212.623	1.5	4.	39.	335.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	44	0.724	1.08	2.968	0.176	0.691	0.831	0.176	0.602	1.583	2.507
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.011								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	9	9.1	11.911	43.	1.5	177.539	13.324	1.5	2.55	16.05	43.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/88-08/08/95	9	0.959	0.849	1.633	0.176	0.238	0.488	0.176	0.366	1.16	1.633
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			7.069								
70211p	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	54	1448.	5922.296	11631.	1044.	25381715.043	5038.027	1131.5	1308.25	11242.	11433.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0172

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	60	7.	7.883	19.	0.	16.851	4.105	3.	5.	10.	13.9
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	69	8.	8.232	20.	0.	24.21	4.92	1.	4.	13.	15.
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	57	91.	188.693	2400.	1.5	130648.48	361.453	6.4	21.	230.	460.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	57	1.959	1.792	3.38	0.176	0.49	0.7	0.796	1.322	2.362	2.663
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			62.001								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	52	21.	52.125	460.	1.5	8792.028	93.766	2.25	4.75	43.	132.9
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	52	1.322	1.267	2.663	0.176	0.412	0.642	0.304	0.663	1.633	2.114
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			18.49								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	12	3.6	9.475	43.	1.5	133.033	11.534	1.95	3.6	13.525	34.6
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/88-08/08/95	12	0.556	0.778	1.633	0.176	0.165	0.406	0.266	0.556	1.122	1.496
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			6.001								
70211p	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	71	11100.	6646.408	11630.	1000.	25255621.216	5025.497	1135.6	1320.	11318.	11433.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

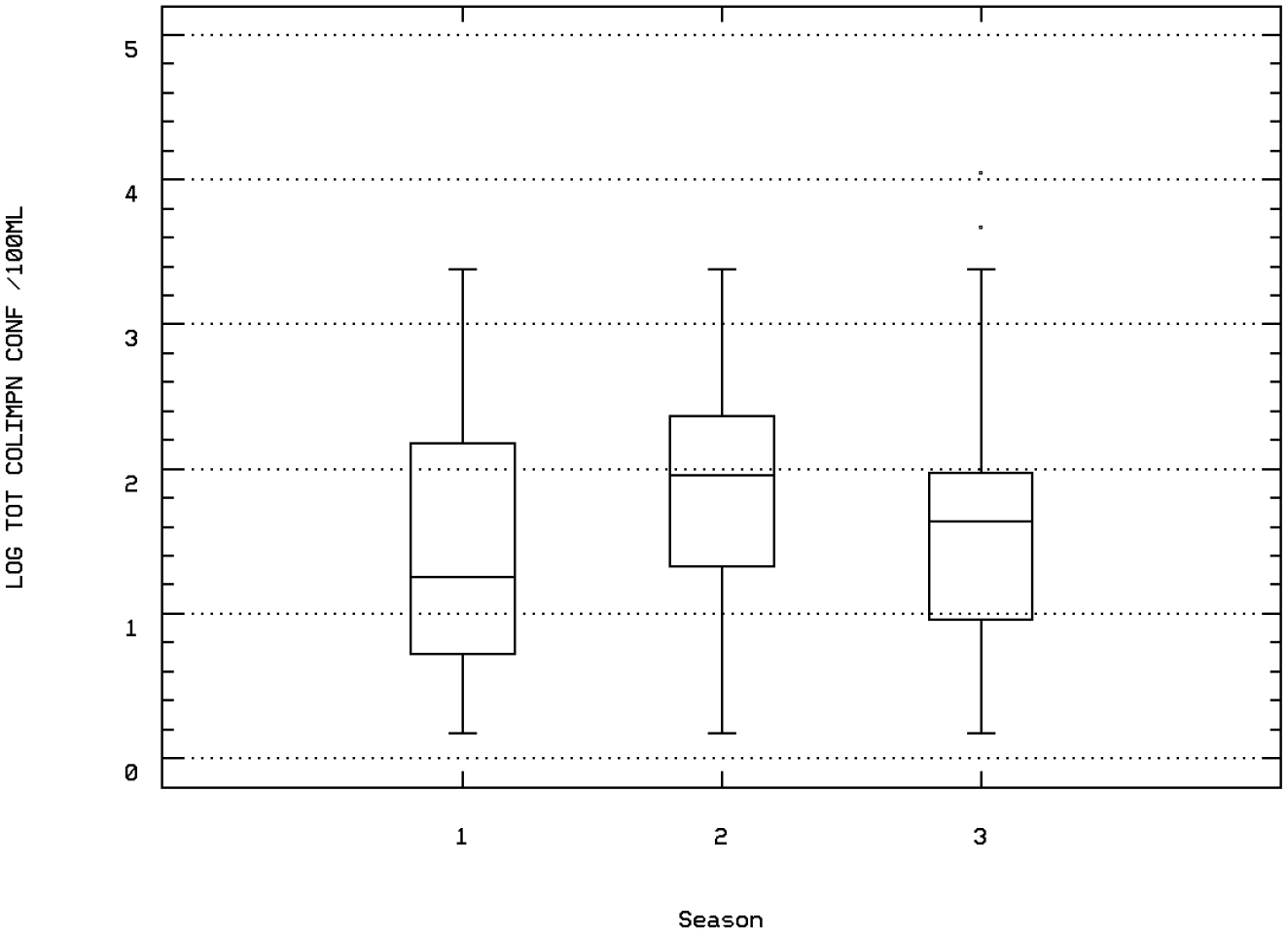
Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0172

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	80	20.5	20.321	32.	8.	36.365	6.03	12.	15.	26.	28.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	86	6.	7.035	20.	0.	20.952	4.577	1.7	3.	10.	14.
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	77	43.	319.955	11000.	1.5	1871772.133	1368.127	4.	8.	93.	404.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	77	1.633	1.551	4.041	0.176	0.679	0.824	0.602	0.9	1.968	2.605
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			35.568								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	77	15.	69.279	1500.	1.5	42896.615	207.115	1.5	4.	43.	120.4
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	77	1.176	1.161	3.176	0.176	0.5	0.707	0.176	0.602	1.633	2.047
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			14.48								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	8	6.35	11.8	43.	1.5	208.589	14.443	**	**	**	**
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/88-08/08/95	8	0.758	0.797	1.633	0.176	0.28	0.529	**	**	**	**
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			6.27								
70211p	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	86	11130.	7325.116	11645.	1113.	24159570.175	4915.239	1206.3	1343.75	11265.5	11433.6

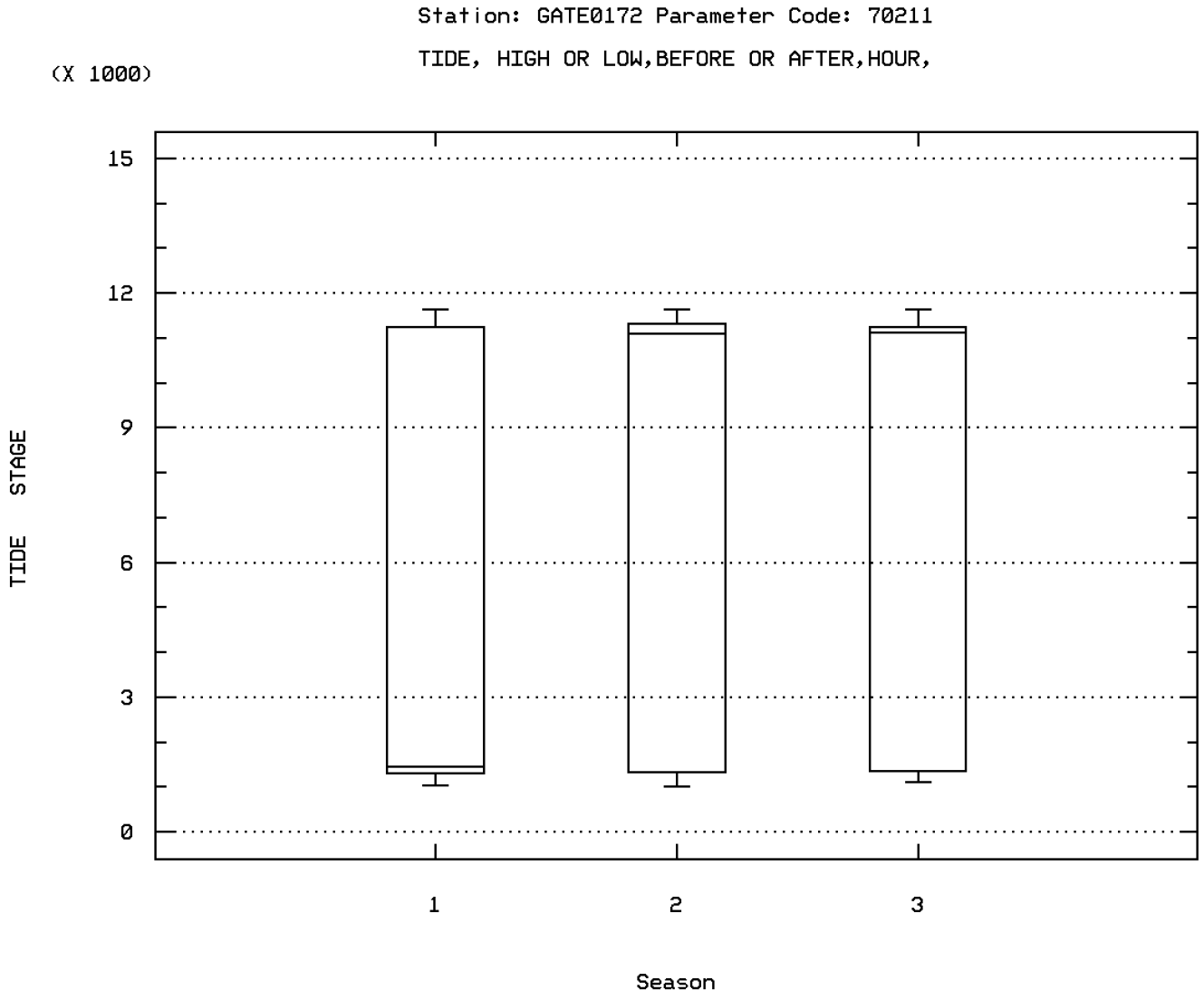
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: GATE0172 Parameter Code: 31505

LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C



NAVESINK RIVER



NAVESINK RIVER

Station Inventory for Station: GATE0173

NPS Station ID: GATE0173
LAT/LON: 40.371115/ -73.977782
Agency: 21NJDEP1
Date Created: 08/08/81
Location: NAVESINK RIVER
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 1000000220 /1020E /SF03040
RMI-Indexes: 0133006
Within Park Boundary: No
RMI-Miles: 0002.20
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST MAJOR BASIN
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA
ECO Region:
RF1 Index: 02030104011
RF1 Mile Point: 0.790
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J.
TIDE CORRECTION (H/L): (+1:09/+1:45)
ASSOCIATED NOAA WEATHER STATION: 4987

Parameter Inventory for Station: GATE0173

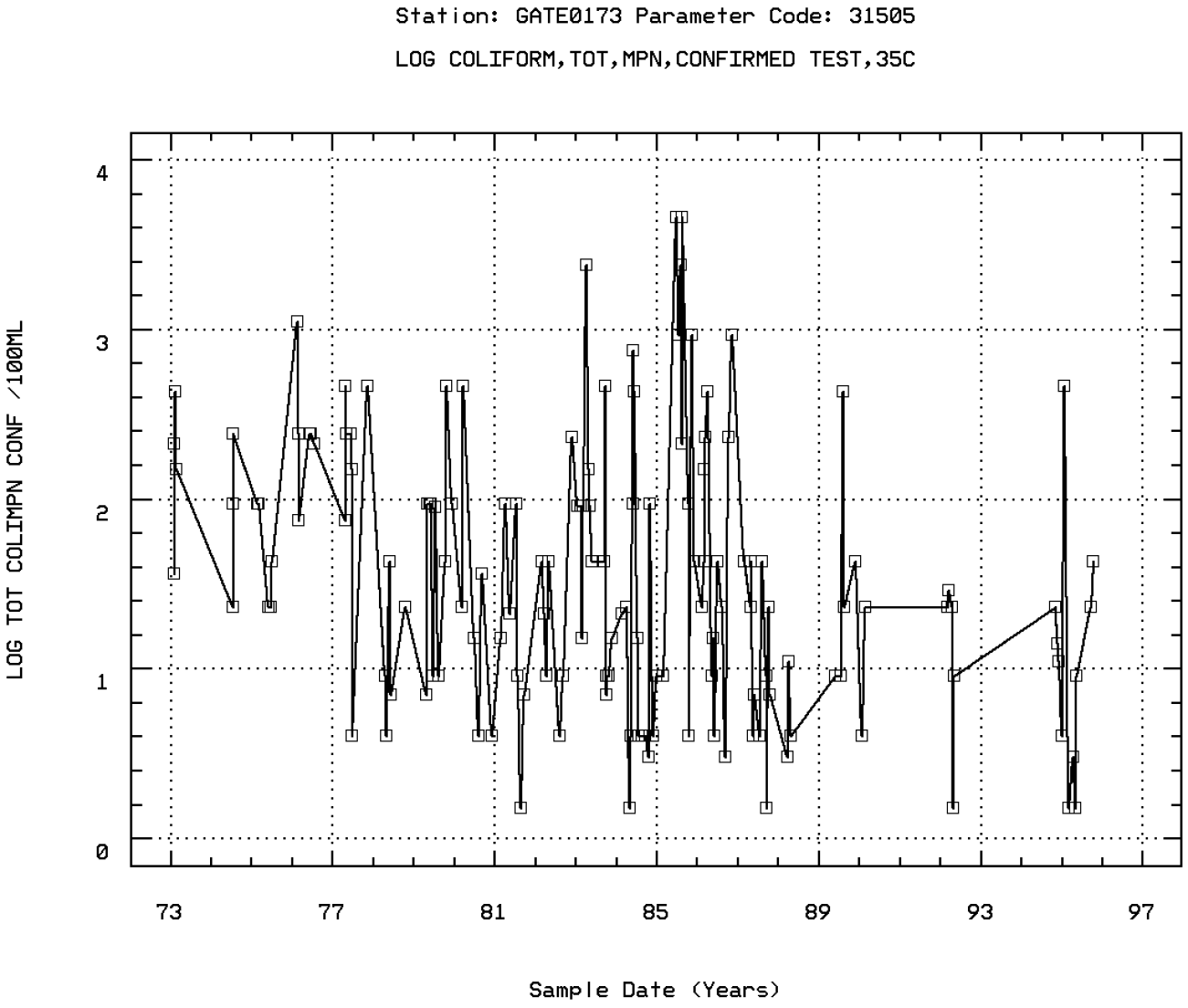
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-10/17/95	101	15.	14.481	28.	0.	60.52	7.779	3.44	7.	21.1	24.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	167	17.	16.459	32.	0.	59.955	7.743	6.	10.	22.	27.04
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	185	7.	7.492	20.	0.	22.262	4.718	1.6	3.	10.	15.
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	152	23.	197.566	4600.	1.5	365842.688	604.849	4.	9.	93.	451.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	152	1.362	1.535	3.663	0.176	0.619	0.787	0.602	0.954	1.968	2.654
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			34.304								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	147	9.	122.381	4600.	1.5	307842.025	554.835	1.5	4.	43.	104.4
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	147	0.954	1.153	3.663	0.176	0.551	0.742	0.176	0.602	1.633	2.01
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			14.23								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	30	9.1	13.457	93.	1.5	309.916	17.604	1.5	3.6	15.	23.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/88-08/08/95	30	0.959	0.904	1.968	0.176	0.2	0.447	0.176	0.556	1.176	1.362
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			8.011								
31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	02/05/73-10/16/78	13	4.	5.615	11.	4.	9.423	3.07	4.	4.	7.5	11.
31678	LOG FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATI	02/05/73-10/16/78	13	0.602	0.703	1.041	0.602	0.037	0.193	0.602	0.602	0.822	1.041
31678	GM FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATIO	GEOMETRIC MEAN =			5.052								
70211p	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	187	11130.	6851.84	11647.	1000.	24851679.598	4985.146	1152.2	1320.	11300.	11434.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

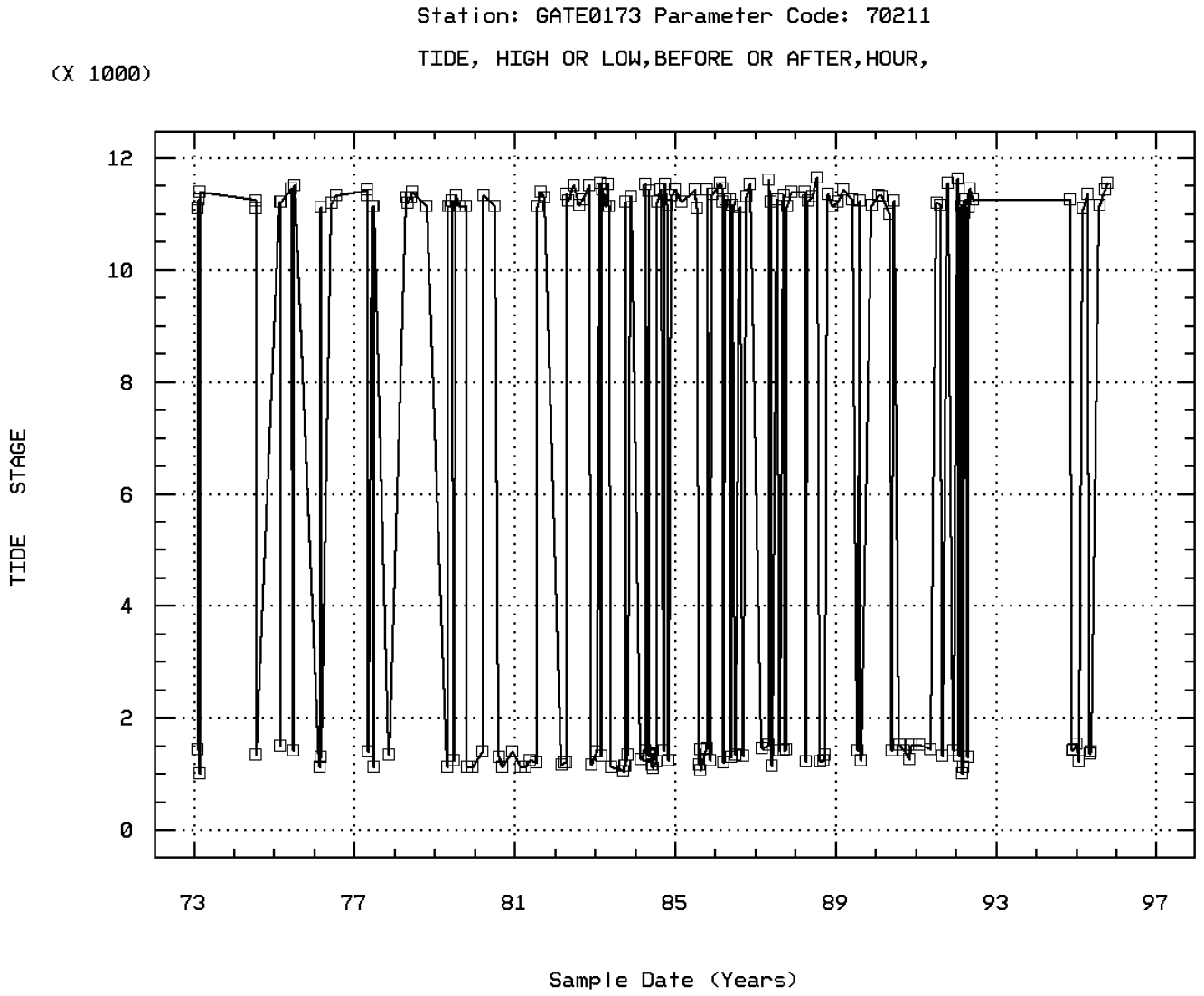
EPA Water Quality Criteria Analysis for Station: GATE0173

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	152	5	0.03	36	2	0.06	49	1	0.02	67	2	0.03			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	147	12	0.08	36	4	0.11	44	3	0.07	67	5	0.07			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



NAVESINK RIVER



NAVESINK RIVER

Annual Analysis for 1973 - Station GATE0173

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-10/17/95	5	1.7	1.78	3.3	0.	2.297	1.516	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	5	4.	3.6	6.	0.	5.3	2.302	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	5	150.	195.2	430.	36.	21195.2	145.586	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	5	2.176	2.173	2.633	1.556	0.154	0.392	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			148.879								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	5	11100.	7235.	11400.	1000.	30234700.	5498.609	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station GATE0173

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-10/17/95	3	22.2	22.2	23.3	21.1	1.21	1.1	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	3	10.	8.333	10.	5.	8.333	2.887	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	3	93.	118.667	240.	23.	12266.333	110.753	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	3	1.968	1.903	2.38	1.362	0.262	0.512	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			80.071								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	3	93.	69.667	93.	23.	1633.333	40.415	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	3	1.968	1.766	1.968	1.362	0.123	0.35	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			58.376								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	3	11100.	7891.667	11230.	1345.	32148358.333	5669.952	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GATE0173

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-10/17/95	6	12.75	12.017	21.1	0.	101.59	10.079	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	6	17.5	15.	20.	5.	40.	6.325	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	6	68.	61.333	93.	23.	1256.667	35.449	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	6	1.801	1.71	1.968	1.362	0.09	0.3	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			51.333								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	6	23.	31.667	93.	4.	1114.267	33.381	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	6	1.362	1.255	1.968	0.602	0.306	0.553	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			17.985								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	6	11215.	8048.333	11500.	1415.	26077736.667	5106.637	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station GATE0173

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-10/17/95	4	19.9	16.75	22.8	4.4	71.363	8.448	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	3	27.2	26.9	28.	25.5	1.63	1.277	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	4	4.5	3.75	5.	1.	3.583	1.893	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	6	240.	350.833	1100.	75.	138804.167	372.564	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	6	2.38	2.397	3.041	1.875	0.139	0.373	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			249.202								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	6	121.5	272.5	1100.	9.	171028.3	413.556	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	6	2.072	2.026	3.041	0.954	0.497	0.705	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			106.084								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	5	11115.	7215.	11330.	1130.	30009475.	5478.09	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GATE0173

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-10/17/95	7	13.	15.286	22.	7.	32.571	5.707	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	7	18.	19.	28.	10.	78.333	8.851	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	6	4.	4.333	10.	1.	10.267	3.204	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	7	240.	232.714	460.	4.	31241.571	176.753	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	7	2.38	2.106	2.663	0.602	0.515	0.718	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			127.524								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	7	43.	70.429	240.	4.	6656.619	81.588	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	7	1.633	1.554	2.38	0.602	0.373	0.611	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			35.785								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	7	11130.	6982.857	11430.	1130.	28408557.143	5329.968	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GATE0173

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-10/17/95	5	12.	14.	18.	12.	8.	2.828	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	5	16.	17.8	24.	12.	25.2	5.02	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	5	5.	5.6	10.	0.	14.3	3.782	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	5	9.	17.2	43.	4.	261.2	16.162	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	5	0.954	1.079	1.633	0.602	0.171	0.414	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			12.004								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	5	4.	5.2	15.	1.5	31.575	5.619	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	5	0.602	0.546	1.176	0.176	0.169	0.411	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.519								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	5	11300.	11266.	11400.	11130.	10780.	103.827	**	**	**	**

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Annual Analysis for 1979 - Station GATE0173

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-10/17/95	10	15.	14.4	24.	2.	43.378	6.586	2.6	9.5	20.	23.6
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	10	21.	18.9	28.	4.	55.656	7.46	4.8	12.	24.25	27.7
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	10	7.5	7.	12.	2.	17.111	4.137	2.1	3.	10.5	12.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	10	91.5	99.	460.	7.	17594.	132.642	7.2	9.	93.	423.3
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	10	1.961	1.688	2.663	0.845	0.347	0.589	0.856	0.954	1.968	2.593
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			48.73								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	10	29.	35.9	93.	4.	1156.544	34.008	4.3	8.5	55.5	93.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	10	1.405	1.337	1.968	0.602	0.24	0.49	0.626	0.927	1.717	1.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			21.723								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	10	11130.	7170.	11330.	1130.	26804888.889	5177.344	1130.	1130.	11155.	11320.

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Annual Analysis for 1980 - Station GATE0173

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-10/17/95	6	12.	13.167	26.	3.	112.167	10.591	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	6	14.	15.5	27.	6.	77.5	8.803	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	6	6.5	6.5	10.	4.	5.5	2.345	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	6	19.	90.333	460.	4.	32944.267	181.506	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	6	1.269	1.327	2.663	0.602	0.582	0.763	**	**	**	**

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Annual Analysis for 1980 - Station GATE0173

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			21.224								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	6	9.	14.	43.	4.	218.4	14.778	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	6	0.954	0.987	1.633	0.602	0.15	0.388	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.706								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	6	1400.	4615.	11330.	1130.	26268670.	5125.297	**	**	**	**

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Annual Analysis for 1981 - Station GATE0173

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-10/17/95	7	20.	19.	28.	6.	55.333	7.439	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	7	20.	21.	31.	10.	41.667	6.455	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	7	10.	9.714	15.	3.	20.571	4.536	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	7	15.	34.214	93.	1.5	1650.321	40.624	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	7	1.176	1.202	1.968	0.176	0.405	0.637	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			15.905								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	7	9.	31.643	93.	1.5	1763.893	41.999	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	7	0.954	1.117	1.968	0.176	0.415	0.644	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			13.1								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	7	1230.	5502.857	11400.	1130.	29177257.143	5401.598	**	**	**	**

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Annual Analysis for 1982 - Station GATE0173

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-10/17/95	10	12.5	13.5	24.	1.	64.722	8.045	1.5	6.75	23.25	24.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	10	15.5	15.8	26.	4.	43.956	6.63	4.4	11.75	21.25	25.6
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	10	5.5	6.4	15.	1.	18.711	4.326	1.2	3.	10.	14.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	8	15.	46.	230.	4.	5767.143	75.942	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	8	1.138	1.302	2.362	0.602	0.314	0.56	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			20.043								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	8	6.5	11.75	36.	1.5	151.857	12.323	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	8	0.778	0.826	1.556	0.176	0.272	0.522	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.692								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	10	11200.	7275.	11513.	1156.	27516551.778	5245.622	1156.	1194.25	11391.25	11512.3

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Annual Analysis for 1983 - Station GATE0173

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-10/17/95	14	13.5	12.393	23.	1.	42.699	6.534	3.5	6.	18.625	21.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	14	15.5	13.429	22.	0.	45.802	6.768	2.5	7.5	18.75	21.5
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	14	11.	9.786	15.	1.	27.874	5.28	1.	5.75	15.	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	14	67.	251.071	2400.	7.	396082.071	629.351	8.	13.5	105.75	1430.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	14	1.796	1.745	3.38	0.845	0.509	0.713	0.9	1.121	2.013	3.021
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			55.571								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	14	15.	44.143	240.	4.	4021.055	63.412	5.5	8.5	55.	165.5
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	14	1.176	1.341	2.38	0.602	0.265	0.514	0.724	0.927	1.715	2.17
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			21.926								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	14	6267.	6271.786	11542.	1042.	27588968.951	5252.52	1078.5	1139.25	11345.25	11538.

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Annual Analysis for 1984 - Station GATE0173

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-10/17/95	17	15.	15.912	26.	5.	44.132	6.643	6.6	11.25	22.5	26.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	17	19.	18.235	31.	2.	66.566	8.159	6.8	12.	25.	29.4
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	17	9.	8.235	15.	1.	21.191	4.603	1.8	3.5	12.	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	14	9.5	103.536	750.	1.5	47377.633	217.664	2.25	4.	93.	590.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	14	0.889	1.212	2.875	0.176	0.726	0.852	0.327	0.602	1.968	2.754
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			16.296								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	14	4.	60.679	750.	1.5	39425.908	198.56	1.5	1.5	17.	386.5
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	14	0.602	0.803	2.875	0.176	0.563	0.751	0.176	0.176	1.223	2.118
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.351								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	17	1414.	5434.765	11536.	1111.	26230926.941	5121.614	1144.6	1243.	11369.	11535.2

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Annual Analysis for 1985 - Station GATE0173

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-10/17/95	7	25.	19.429	26.	6.	80.952	8.997	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	11	18.	19.273	32.	7.	58.418	7.643	7.8	12.	26.	30.8
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	11	3.	4.909	15.	2.	17.491	4.182	2.	2.	8.	13.8
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	11	210.	1257.091	4600.	4.	3248152.291	1802.263	5.	9.	2400.	4600.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	11	2.322	2.28	3.663	0.602	1.283	1.133	0.672	0.954	3.38	3.663
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			190.443								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	11	210.	1113.818	4600.	4.	3131305.564	1769.55	4.6	9.	930.	4600.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	11	2.322	2.116	3.663	0.602	1.418	1.191	0.651	0.954	2.968	3.663
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			130.468								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	11	11104.	6751.364	11438.	1056.	27617532.455	5255.239	1075.4	1230.	11425.	11435.6

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Annual Analysis for 1986 - Station GATE0173

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	13	19.	16.	29.	5.	74.167	8.612	5.4	6.5	22.5	28.2
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	13	4.	5.538	14.	1.	17.603	4.196	1.	2.5	9.	13.2
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	13	43.	164.077	930.	3.	69434.244	263.504	3.4	12.	230.	730.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	13	1.633	1.669	2.968	0.477	0.612	0.782	0.527	1.065	2.362	2.834
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			46.702								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	13	9.	41.846	230.	1.5	4950.766	70.362	1.5	7.	49.	198.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	13	0.954	1.131	2.362	0.176	0.448	0.669	0.176	0.845	1.618	2.287
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			13.516								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	13	11206.	8231.154	11552.	1207.	23197144.641	4816.341	1245.4	1330.5	11377.	11545.6

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Annual Analysis for 1987 - Station GATE0173

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	8	13.	13.	22.	7.	24.571	4.957	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	12	5.	6.667	15.	1.	27.697	5.263	1.	1.25	11.5	14.7
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	11	9.	18.864	43.	1.5	290.405	17.041	2.	4.	43.	43.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	11	0.954	1.059	1.633	0.176	0.247	0.497	0.261	0.602	1.633	1.633
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			11.454								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	11	4.	9.545	43.	1.5	159.023	12.61	1.5	4.	9.	39.

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Annual Analysis for 1987 - Station GATE0173

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	11	0.602	0.742	1.633	0.176	0.197	0.444	0.176	0.602	0.954	1.579
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.515								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	12	6325.	6361.	11604.	1149.	26888338.545	5185.397	1230.9	1425.5	11311.	11543.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GATE0173

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	10	14.5	15.	26.	6.	42.	6.481	6.3	9.75	19.	25.9
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	10	6.	5.7	10.	0.	7.789	2.791	0.3	4.5	8.	9.8
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	3	4.	6.	11.	3.	19.	4.359	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	3	0.602	0.707	1.041	0.477	0.088	0.296	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			5.092								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	3	4.	4.167	7.	1.5	7.583	2.754	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	3	0.602	0.541	0.845	0.176	0.115	0.339	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.476								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	10	11186.5	7307.4	11647.	1221.	27183547.378	5213.784	1221.1	1229.5	11357.5	11622.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0173

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	7	21.	19.571	28.	5.	74.619	8.638	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	7	5.	6.286	15.	1.	25.905	5.09	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	5	23.	102.8	430.	9.	33650.2	183.44	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	5	1.362	1.507	2.633	0.954	0.479	0.692	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			32.168								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	5	9.	14.8	43.	4.	253.2	15.912	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	5	0.954	1.02	1.633	0.602	0.141	0.375	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.463								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	7	11211.	8420.	11424.	1246.	23461266.333	4843.683	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0173

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	9	19.	16.556	25.	5.	53.778	7.333	5.	8.5	22.5	25.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	9	10.	9.778	15.	4.	17.194	4.147	4.	6.	14.5	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	2	13.5	13.5	23.	4.	180.5	13.435	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	2	0.982	0.982	1.362	0.602	0.289	0.537	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			9.592								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	2 ##	2.75	2.75	4.	1.5	3.125	1.768	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	2 ##	0.389	0.389	0.602	0.176	0.091	0.301	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.449								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	9	1513.	5777.333	11338.	1256.	26706432.25	5167.827	1256.	1414.	11275.5	11338.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0173

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	7	24.	20.286	30.	6.	88.905	9.429	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	7	8.	7.857	14.	1.	17.143	4.14	**	**	**	**
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	7	1519.	5658.429	11552.	1320.	27917099.619	5283.663	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0173

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	11	8.	11.	23.	5.	35.	5.916	5.2	6.	17.	22.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	11	8.	7.455	15.	1.	20.473	4.525	1.2	2.	10.	14.4
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	5	23.	17.1	29.	1.5	130.05	11.404	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	5	1.362	1.063	1.462	0.176	0.284	0.533	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			11.567								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	5	11.	12.	23.	1.5	115.875	10.765	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	5	1.041	0.823	1.362	0.176	0.366	0.605	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.659								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	11	11116.	7599.727	11632.	1009.	25884188.418	5087.651	1030.8	1301.	11253.	11594.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station GATE0173

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	3	10.	10.	15.	5.	25.	5.	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	3	14.	12.667	14.	10.	5.333	2.309	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	3	14.	16.	23.	11.	39.	6.245	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	3	1.146	1.183	1.362	1.041	0.027	0.163	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			15.243								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	3	4.	10.	23.	3.	127.	11.269	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	3	0.602	0.814	1.362	0.477	0.229	0.479	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.511								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	3	1442.	4701.333	11255.	1407.	32213216.333	5675.669	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station GATE0173

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	9	13.	12.	24.	1.	70.25	8.382	1.	2.5	19.	24.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	9	10.	10.667	14.	2.	14.	3.742	2.	10.	14.	14.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	8	6.5	68.125	460.	1.5	25280.054	158.997	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	8	0.778	1.005	2.663	0.176	0.727	0.853	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			10.126								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	8	6.5	16.	43.	1.5	327.071	18.085	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	8	0.778	0.877	1.633	0.176	0.372	0.61	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.53								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	9	11102.	6899.	11555.	1218.	27479671.75	5242.106	1218.	1380.	11389.	11555.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0173

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-10/17/95	23	20.	19.37	26.	8.	27.641	5.257	10.8	16.	24.	25.6
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	44	20.5	20.523	32.	11.	30.348	5.509	12.	16.25	25.	27.5
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	47	6.	6.957	15.	0.	21.389	4.625	1.	3.	10.	15.
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	36	23.	260.944	4600.	1.5	720087.925	848.58	3.	4.75	80.5	460.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	36	1.362	1.393	3.663	0.176	0.749	0.866	0.477	0.663	1.885	2.663
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			24.712								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	36	9.	179.25	4600.	1.5	599671.464	774.385	1.5	4.	38.	219.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	36	0.954	1.11	3.663	0.176	0.634	0.796	0.176	0.602	1.566	2.34
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.892								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	10	7.3	11.7	43.	1.5	162.736	12.757	1.71	3.6	17.	41.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/88-08/08/95	10	0.863	0.87	1.633	0.176	0.189	0.435	0.214	0.556	1.223	1.606
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			7.416								
70211p	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	47	1513.	6179.66	11555.	1042.	25565461.142	5056.23	1130.8	1300.	11252.	11434.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0173

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-10/17/95	28	4.4	4.539	12.	0.	8.191	2.862	0.54	2.25	6.	7.3
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	52	7.5	8.115	19.	0.	17.124	4.138	3.3	5.25	10.	14.7
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	61	8.	8.41	20.	0.	24.246	4.924	2.	4.5	14.	15.
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	49	43.	150.929	1100.	1.5	62489.792	249.98	4.	15.	150.	460.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	49	1.633	1.684	3.041	0.176	0.497	0.705	0.602	1.176	2.176	2.663
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			48.281								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	44	15.	74.67	1100.	1.5	45283.255	212.799	3.5	4.75	41.25	121.5
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	44	1.176	1.231	3.041	0.176	0.438	0.662	0.54	0.663	1.614	2.072
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			17.012								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	12	7.3	16.192	93.	1.5	647.383	25.444	1.5	2.025	21.	72.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/88-08/08/95	12	0.863	0.865	1.968	0.176	0.318	0.564	0.176	0.271	1.315	1.786
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			7.331								
70211p	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	63	11100.	6541.254	11632.	1000.	25442934.031	5044.099	1140.4	1318.	11323.	11439.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

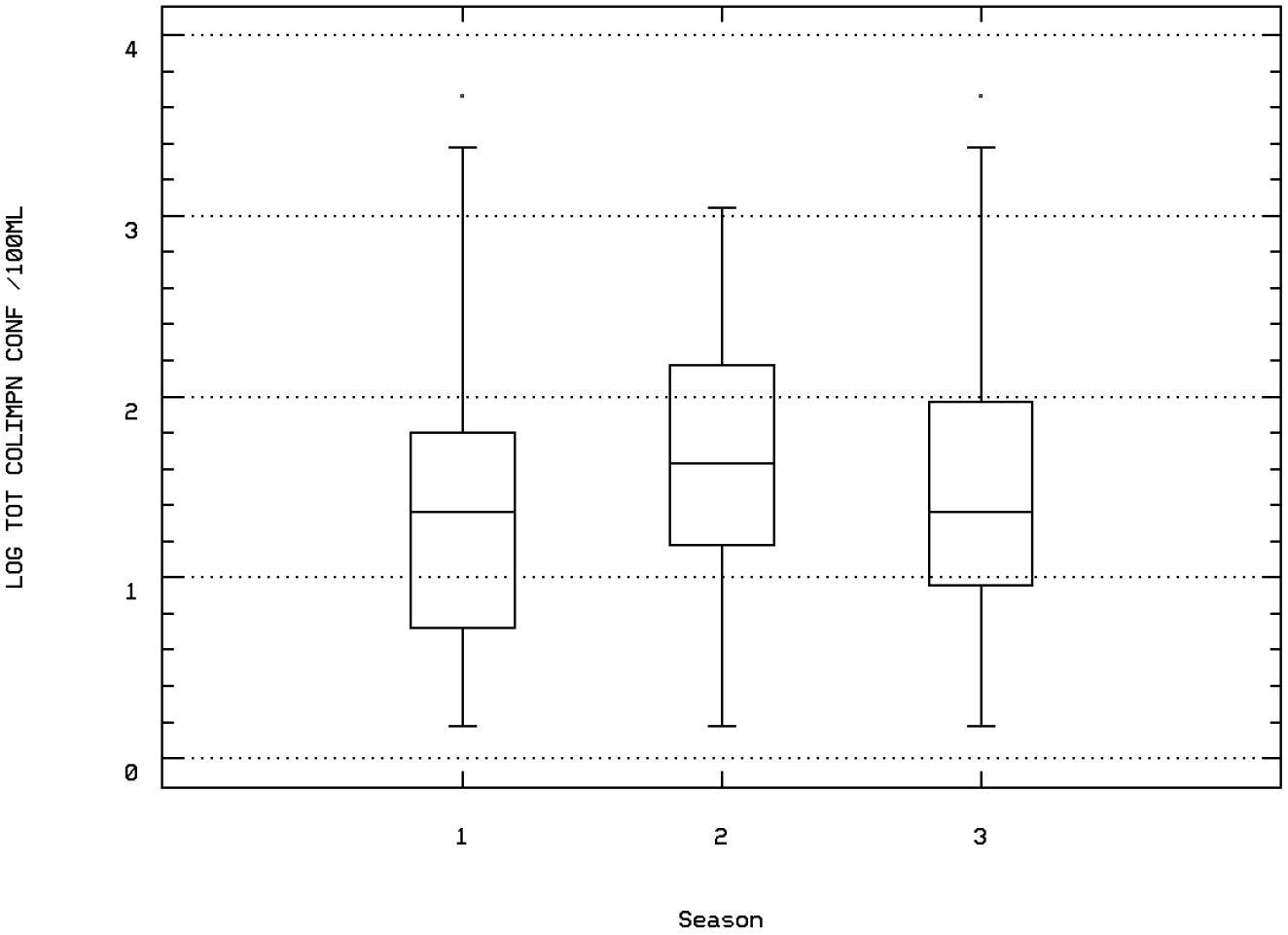
Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0173

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-10/17/95	50	18.	17.8	28.	7.	27.649	5.258	12.	13.	22.	24.9
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	71	20.	20.052	31.	8.	35.87	5.989	12.	15.	25.5	28.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	77	6.	7.091	20.	0.	20.794	4.56	2.	3.	10.	14.
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	67	23.	197.619	4600.	1.5	405885.986	637.092	4.	9.	93.	430.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	67	1.362	1.503	3.663	0.176	0.629	0.793	0.602	0.954	1.968	2.633
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			31.865								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	67	9.	123.157	4600.	1.5	330191.365	574.623	1.5	4.	43.	104.4
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	67	0.954	1.125	3.663	0.176	0.591	0.769	0.176	0.602	1.633	2.01
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			13.345								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	8	9.1	11.55	23.	3.	36.003	6.	**	**	**	**
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/88-08/08/95	8	0.959	1.003	1.362	0.477	0.068	0.26	**	**	**	**
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			10.079								
70211p	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	77	11130.	7516.247	11647.	1111.	23784679.294	4876.954	1190.6	1351.5	11300.	11444.2

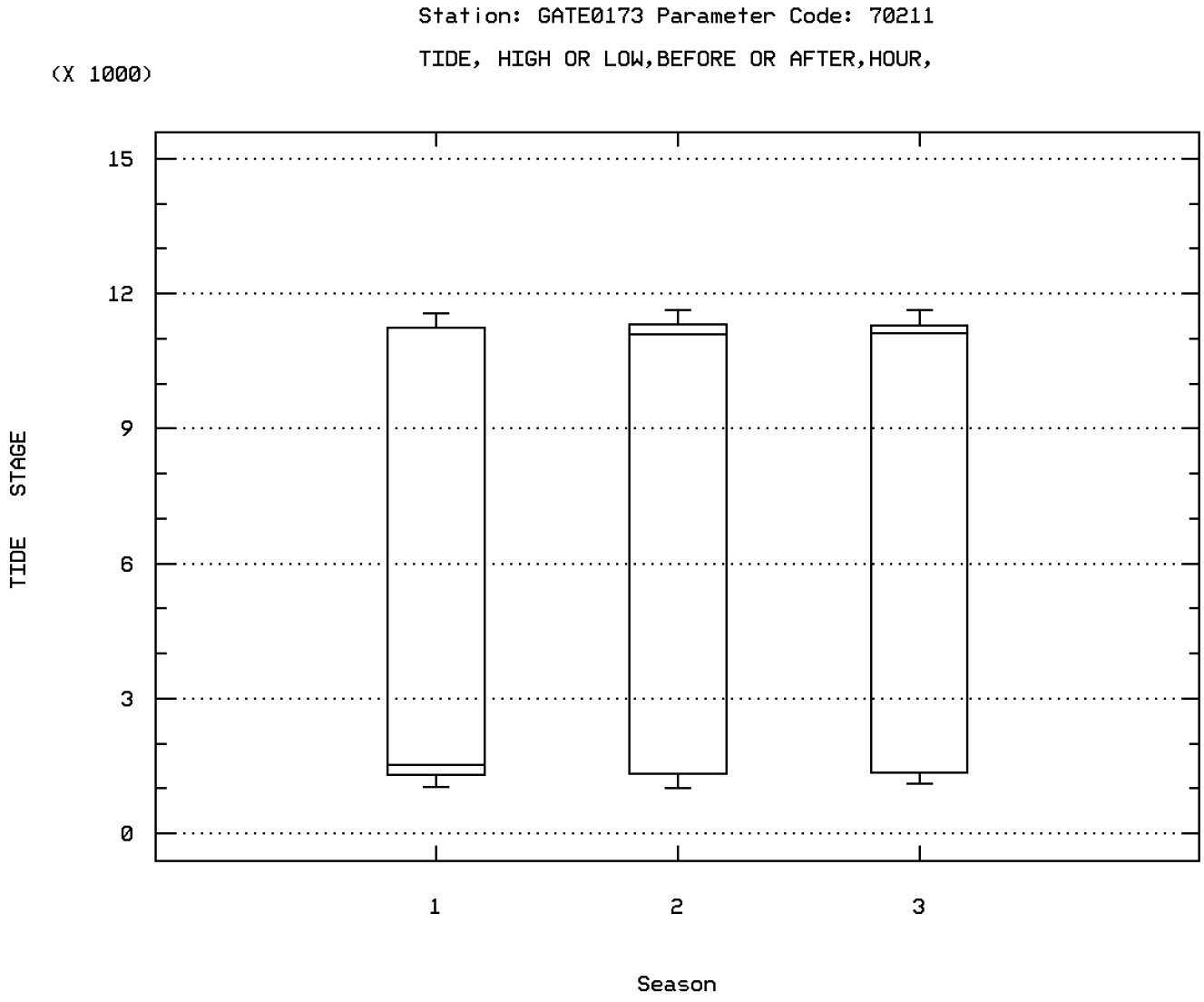
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: GATE0173 Parameter Code: 31505

LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C



NAVESINK RIVER



NAVESINK RIVER

Station Inventory for Station: GATE0174

NPS Station ID: GATE0174 LAT/LON: 40.393337/ -73.978338 Agency: 21NJDEP1 Date Created: 10/08/85
Location: SHREWSBURY R AT MOUNTAINVIEW WAY SEA BRIGHT FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): 1000800080 /CCMPMC0012
RMI-Indexes: 0133006 000000 00000 0000 0000 0000 0000 Within Park Boundary: No
RMI-Miles: 0000.80 0000.00 000.00 000.00 000.00 000.00 00.00
HUC: 02030104 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST MAJOR BASIN Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA ECO Region:
RF1 Index: 02030104007 RF1 Mile Point: 0.350 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:

Parameter Inventory for Station: GATE0174

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/10/85-09/03/85	13	93.	302.154	2400.	4.	420950.641	648.807	11.6	33.	305.	1624.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/10/85-09/03/85	13	1.968	1.924	3.38	0.602	0.493	0.702	0.906	1.498	2.419	3.093
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			83.964								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/85-09/03/85	13	23.	244.423	2400.	1.5	435211.994	659.706	2.1	3.5	96.5	1624.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/85-09/03/85	13	1.362	1.39	3.38	0.176	0.86	0.927	0.297	0.54	1.905	3.093
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			24.557								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0174

				Total	Exceed	Prop.	----------8/01-10/31----------			----------11/01-3/31----------			----------4/01-7/31----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	13	1	0.08	5	1	0.20				8	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0175

NPS Station ID: GATE0175
LAT/LON: 40.388892/ -73.978615
Agency: 21NJDEP1
Date Created: 08/08/81
Location: NAVESINK RIVER
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 100000010B /1022B /SF03037
RMI-Indexes: 0133006
Within Park Boundary: No
RMI-Miles: 0001.00
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST MAJOR BASIN
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA
ECO Region:
RF1 Index: 02030104007
RF1 Mile Point: 0.660
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J.
TIDE CORRECTION (H/L): (+1:09/+1:45)
ASSOCIATED NOAA WEATHER STATION: 4987

Parameter Inventory for Station: GATE0175

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GATE0176

NPS Station ID: GATE0176 LAT/LON: 40.454337/ -73.978726 Agency: 11NYCOR Date Created: 09/08/79
Location: SANDY HOOK CHNL.EAST SECT.EAST OF SANDY HOOK-NJ. FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): NYCOR151
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METRO AREA ECO Region:
RF1 Index: RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:
NEW YORK CORPS OF ENGINEERS DREDGING STUDIES

Parameter Inventory for Station: GATE0176

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	09/15/77-09/15/77	1	2.48	2.48	2.48	2.48	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/15/77-09/15/77	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/15/77-09/15/77	1	1.93	1.93	1.93	1.93	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/15/77-09/15/77	1	1.29	1.29	1.29	1.29	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/15/77-09/15/77	1	4.29	4.29	4.29	4.29	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/15/77-09/15/77	1	0.86	0.86	0.86	0.86	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	09/15/77-09/15/77	1	4.29	4.29	4.29	4.29	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/15/77-09/15/77	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/15/77-09/15/77	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GATE0177

NPS Station ID: GATE0177 LAT/LON: 40.396392/ -73.979171 Agency: 21NJDEP1 Date Created: 10/08/85
Location: SHREWSBURY R AT HIGHLANDS BRDG SEA BRIGHT FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): 1000000070 /CCMPMC0011
RMI-Indexes: 0133006 000000 00000 0000 0000 0000 0000 Within Park Boundary: Yes
RMI-Miles: 0000.70 0000.00 000.00 000.00 000.00 000.00 00.00
HUC: 02030104 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST MAJOR BASIN Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA ECO Region:
RF1 Index: 02030104007 RF1 Mile Point: 0.110 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:

Parameter Inventory for Station: GATE0177

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/10/85-09/03/85	13	15.	255.423	2400.	1.5	432731.369	657.823	1.5	2.25	180.	1624.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/10/85-09/03/85	13	1.176	1.319	3.38	0.176	1.115	1.056	0.176	0.327	2.249	3.093
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			20.853								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/85-09/11/89	85	4.	47.5	2400.	1.	68833.976	262.362	1.	1.	22.5	58.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/85-09/11/89	85	0.602	0.739	3.38	0.	0.54	0.735	0.	0.	1.352	1.757
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			5.488								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0177

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	13	1	0.08	5	1	0.20				8	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1985 - Station GATE0177

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/85-09/11/89	13	7.	214.5	2400.	1.5	434737.25	659.346	1.5	1.5	68.	1524.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/85-09/11/89	13	0.845	1.059	3.38	0.176	1.026	1.013	0.176	0.176	1.801	2.957
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			11.446								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GATE0177

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/85-09/11/89	19	2.	27.211	350.	1.	6397.62	79.985	1.	1.	11.	70.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/85-09/11/89	19	0.301	0.633	2.544	0.	0.515	0.718	0.	0.	1.041	1.845
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			4.292								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GATE0177

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/85-09/11/89	17 ##	1.	5.294	30.	1.	75.471	8.687	1.	1.	5.	24.4
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/85-09/11/89	17 ##	0.	0.339	1.477	0.	0.276	0.525	0.	0.	0.602	1.385
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			2.182								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GATE0177

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/85-09/11/89	18	3.	13.5	70.	1.	455.676	21.347	1.	1.	13.5	52.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/85-09/11/89	18	0.452	0.638	1.845	0.	0.434	0.659	0.	0.	1.047	1.714
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			4.342								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0177

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/85-09/11/89	18	17.	22.167	80.	1.	474.971	21.794	1.9	6.5	30.	71.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/85-09/11/89	18	1.23	1.102	1.903	0.	0.301	0.549	0.271	0.753	1.477	1.851
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			12.637								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0178

NPS Station ID: GATE0178
LAT/LON: 40.427781/ -73.979171
Agency: 1111H030
Date Created: / /
Location: 400YDS OFF SHORE AND STA JC03
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): JC03B /JC3B /JC-03B /JC-3B
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02030104
Depth of Water: 20
Aquifer:
Major Basin: ATLANTIC OCEAN
Elevation: 0
Water Body Id:
Minor Basin: OFF N J BEACHES AT SANDY HK STATE PARK
ECO Region:
RF1 Index: 02030104014
RF1 Mile Point: 3.580
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0178

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/30/74-05/19/77	12	15.6	14.375	21.8	2.2	47.162	6.867	2.29	10.5	21.075	21.68
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/30/74-05/19/77	12	31150.	32325.	39700.	25000.	23891136.364	4887.856	25210.	30000.	36750.	39670.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/30/74-03/09/77	10	41180.5	40668.2	43273.	37655.	4014156.844	2003.536	37655.	38520.5	42353.75	43189.1
00300	OXYGEN, DISSOLVED MG/L	04/30/74-05/19/77	14	9.85	9.864	13.	6.	5.862	2.421	6.25	7.5	11.925	12.95
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/09/77-05/19/77	6 ##	0.01	0.026	0.066	0.01	0.001	0.025	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/09/77-05/19/77	6	0.013	0.011	0.015	0.005	0.	0.005	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/09/77-05/19/77	6	0.096	0.096	0.176	0.027	0.003	0.055	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/09/77-05/19/77	6	0.042	0.041	0.052	0.029	0.	0.009	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/09/77-05/19/77	6	3.15	3.15	3.9	2.6	0.211	0.459	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/19/77-05/19/77	2	13170.	13170.	13170.	13170.	0.	0.	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	03/09/77-05/19/77	6	0.15	0.148	0.2	0.09	0.003	0.057	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	07/10/74-09/12/74	3	1.4	1.433	2.1	0.8	0.423	0.651	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/10/74-09/01/76	9 ##	0.5	0.644	1.5	0.25	0.245	0.495	0.25	0.325	1.	1.5
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/10/74-09/01/76	10	12.	12.13	18.	0.	36.198	6.016	0.51	8.775	18.	18.
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	07/10/74-09/01/76	9 ##	1.25	9.1	69.	0.4	506.312	22.501	0.4	1.	3.25	69.
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	07/10/74-09/01/76	10	14.05	16.48	25.	10.	39.222	6.263	10.07	11.675	25.	25.
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/10/74-09/01/76	9 ##	2.5	2.744	5.	0.5	3.35	1.83	0.5	1.	5.	5.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/30/74-05/19/77	28	49.	108.607	790.	2.	28764.914	169.602	17.	33.	101.5	346.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/30/74-05/19/77	28	1.69	1.742	2.898	0.301	0.253	0.503	1.23	1.519	2.002	2.536
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			55.188								
31521	COLIFORM,TOT,MPN,IN BOT DEPOS,CONFIRM (MPN/100G)	04/30/74-09/01/76	11	230.	781.818	4600.	50.	1760916.364	1326.995	54.	130.	790.	3940.
31521	LOG COLIFORM,TOT,MPN,IN BOT DEPOS,CONFIRM (MPN/100	04/30/74-09/01/76	11	2.362	2.499	3.663	1.699	0.348	0.59	1.728	2.114	2.898	3.553
31521	GM COLIFORM,TOT,MPN,IN BOT DEPOS,CONFIRM (MPN/100G	GEOMETRIC MEAN =			315.354								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/30/74-05/19/77	28	8.	14.607	109.	1.	567.284	23.818	1.	4.	12.5	37.6
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/30/74-05/19/77	28	0.903	0.865	2.037	0.	0.245	0.495	0.	0.602	1.096	1.556
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.32								
31641	FECAL COLIFORM,MPN IN BOT DEPOS,EC MED (MPN/100G)	04/30/74-09/01/76	11	20.	97.273	330.	10.	17221.818	131.232	10.	10.	230.	330.
31641	LOG FECAL COLIFORM,MPN IN BOT DEPOS,EC MED (MPN/10	04/30/74-09/01/76	11	1.301	1.6	2.519	1.	0.363	0.602	1.	1.	2.362	2.519
31641	GM FECAL COLIFORM,MPN IN BOT DEPOS,EC MED (MPN/100	GEOMETRIC MEAN =			39.835								
70305	SALINITY BASED ON CONDUCTIVITY	04/30/74-05/19/77	12	25.95	25.908	28.7	24.1	2.377	1.542	24.1	24.325	27.375	28.34
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/09/77-05/19/77	6 ##	0.005	0.007	0.011	0.005	0.	0.003	**	**	**	**
71202	SALMONELLA FROM SEDIMENTS, INOC 1=PRESENT,0=ABS.	09/12/74-09/12/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71202	LOG SALMONELLA FROM SEDIMENTS, INOC 1=PRESENT,0=AB	09/12/74-09/12/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71202	GM SALMONELLA FROM SEDIMENTS, INOC 1=PRESENT,0=ABS	GEOMETRIC MEAN =			1.								
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	07/10/74-09/12/74	3 ##	0.1	0.383	1.	0.05	0.286	0.535	**	**	**	**
71975	ORGANICS IN SEDIMENT GRAVIMETRICCORR.FOR H2O,MG/KG	04/30/74-09/01/76	11	9860.	9145.273	13650.	4310.	8821601.818	2970.118	4634.	6440.	11400.	13300.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0178

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	14	0	0.00	4	0	0.00	2	0	0.00	8	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	28	0	0.00	6	0	0.00	6	0	0.00	16	0	0.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	28	0	0.00	6	0	0.00	6	0	0.00	16	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0179

NPS Station ID: GATE0179 LAT/LON: 40.390837/ -73.979448 Agency: 21NJDEP1 Date Created: 10/17/87
Location: SOUTH BEACH UNDER RT 36 BRIDGE HIGHLANDS FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): L6970736687 /CCMPMC0051
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02030104 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST MAJOR BASIN Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA ECO Region:
RF1 Index: 02030104 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:

Parameter Inventory for Station: GATE0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/04/87-09/13/93	146	40.	136.973	1600.	1.	87466.51	295.747	7.7	16.25	130.	300.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	05/04/87-09/13/93	146	1.602	1.631	3.204	0.	0.421	0.649	0.886	1.209	2.114	2.477
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			42.79								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Annual Analysis for 1987 - Station GATE0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/04/87-09/13/93	26	80.	221.038	1600.	4.	125712.118	354.559	9.5	30.	300.	620.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	05/04/87-09/13/93	26	1.903	1.902	3.204	0.602	0.449	0.67	0.962	1.477	2.477	2.776
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			79.764								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GATE0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/04/87-09/13/93	20	75.	199.5	1600.	1.	146825.947	383.179	8.	35.	137.5	840.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	05/04/87-09/13/93	20	1.874	1.814	3.204	0.	0.516	0.718	0.903	1.533	2.138	2.907
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			65.102								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/04/87-09/13/93	19	60.	104.895	900.	8.	39434.988	198.582	8.	21.	130.	170.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	05/04/87-09/13/93	19	1.778	1.685	2.954	0.903	0.263	0.513	0.903	1.322	2.114	2.23
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			48.438								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/04/87-09/13/93	19	30.	65.263	300.	7.	6475.538	80.471	7.	17.	80.	240.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	05/04/87-09/13/93	19	1.477	1.559	2.477	0.845	0.234	0.483	0.845	1.23	1.903	2.38
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			36.191								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/04/87-09/13/93	21	50.	140.286	1600.	8.	116867.014	341.858	13.	19.5	120.	274.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	05/04/87-09/13/93	21	1.699	1.699	3.204	0.903	0.296	0.544	1.114	1.286	2.078	2.428
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			49.955								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/04/87-09/13/93	20	23.	117.45	1600.	2.	123780.682	351.825	4.	12.25	72.5	166.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	05/04/87-09/13/93	20	1.362	1.42	3.204	0.301	0.443	0.666	0.602	1.088	1.852	2.219
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			26.288								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station GATE0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/04/87-09/13/93	21	14.	82.524	900.	1.	39264.162	198.152	2.4	7.5	66.5	226.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	05/04/87-09/13/93	21	1.146	1.274	2.954	0.	0.515	0.718	0.361	0.874	1.702	2.35
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			18.806								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/04/87-09/13/93	54	60.	193.222	1600.	1.	142346.893	377.289	8.	23.	140.	500.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	05/04/87-09/13/93	54	1.772	1.785	3.204	0.	0.455	0.675	0.903	1.362	2.146	2.699
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			60.987								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/04/87-09/13/93	92	30.	103.957	1600.	1.	53484.789	231.268	7.	13.	80.	170.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	05/04/87-09/13/93	92	1.477	1.541	3.204	0.	0.383	0.619	0.845	1.114	1.903	2.23
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			34.755								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0180

NPS Station ID: GATE0180
LAT/LON: 40.458059/ -73.979448
Agency: 21NJDEP1
Date Created: 11/01/80
Location: SANDY HOOK AREA
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): L6982137093 /A3A /SF57016
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC:
Depth of Water: 15
Aquifer:
Major Basin: NORTHEAST MAJOR BASIN
Elevation: 0
Water Body Id:
Minor Basin: NEW JERSEY COASTAL MINOR BASIN
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J.
TIDE CORRECTION (H/L): (-0:34/-0:45)
ASSOCIATED NOAA WEATHER STATION: 5796

Parameter Inventory for Station: GATE0180

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/30/74-11/04/93	32	11.1	11.338	23.	0.	59.151	7.691	0.	4.85	17.875	21.64
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/30/78-11/04/93	40	18.5	16.09	28.	0.7	73.139	8.552	4.23	7.775	24.875	25.9
00035	WIND VELOCITY (MILES PER HOUR)	11/30/78-11/04/93	40	10.	9.55	15.	2.	10.613	3.258	6.	8.	11.5	15.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/12/74-10/17/79	15	5.	5.9	23.	0.5	26.721	5.169	1.4	3.	7.	14.
00080	COLOR (PLATINUM-COBALT UNITS)	09/12/74-10/17/79	10	0.	10.75	70.	0.	519.514	22.793	0.	0.	11.25	66.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/26/76-10/17/79	10	26317.5	24937.8	33880.	7260.	64269339.511	8016.816	8349.	19284.75	30960.	33801.
00300	OXYGEN, DISSOLVED MG/L	09/12/74-12/14/77	3	7.2	6.9	9.	4.5	5.13	2.265	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/12/74-07/26/78	6	2.	2.667	7.	1.	5.067	2.251	**	**	**	**
00312	BOD, 6 DAY, 20 DEG C MG/L	10/30/74-08/08/77	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/12/74-10/17/79	12	7.8	7.692	8.2	6.1	0.301	0.548	6.52	7.55	8.05	8.17
00400	CONVERTED PH (STANDARD UNITS)	09/12/74-10/17/79	12	7.8	7.089	8.2	6.1	0.696	0.835	6.52	7.55	8.05	8.17
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/12/74-10/17/79	12	0.016	0.081	0.794	0.006	0.05	0.225	0.007	0.009	0.029	0.566
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/02/79-10/17/79	3	110.	112.667	136.	92.	489.333	22.121	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	11/30/78-08/10/79	15	29.5	28.26	31.1	18.5	11.593	3.405	21.98	27.4	30.3	31.04
00500	RESIDUE, TOTAL (MG/L)	09/12/74-10/17/79	13	45696.	46764.	68056.	22304.	143477414.667	11978.206	28262.4	38349.	57433.	64373.6
00510	RESIDUE, TOTAL FIXED (MG/L)	09/12/74-07/26/78	10	26318.	25835.4	32636.	20446.	11520698.711	3394.215	20614.4	22736.	27353.5	32129.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/12/74-10/17/79	15	54.	58.867	123.	16.	981.838	31.334	16.6	40.	82.	111.6
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	09/12/74-10/17/79	12	41.	47.	110.	10.	797.455	28.239	11.2	29.75	67.25	100.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/12/74-10/17/79	15	0.5	0.735	2.	0.05	0.307	0.554	0.086	0.21	1.	1.7
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/02/79-10/17/79	2	0.038	0.038	0.038	0.037	0.	0.001	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/12/74-10/17/79	14	1.06	1.101	2.2	0.12	0.499	0.706	0.16	0.208	1.718	2.1
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/12/74-10/17/79	15 ##	0.5	0.475	1.	0.03	0.046	0.214	0.06	0.5	0.5	0.712
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/08/77-10/17/79	6	0.22	0.257	0.34	0.21	0.004	0.065	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	09/12/74-10/17/79	10	0.11	0.106	0.2	0.01	0.005	0.07	0.01	0.048	0.183	0.199
00940	CHLORIDE,TOTAL IN WATER MG/L	07/02/79-10/17/79	3	17000.	17000.	18000.	16000.	1000000.	1000.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/02/79-10/17/79	3	2150.	2141.667	2250.	2025.	12708.333	112.731	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	07/02/79-10/17/79	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	09/12/74-10/17/79	15 ##	0.5	5.	50.	0.25	163.875	12.801	0.25	0.25	1.	26.
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/12/74-10/17/79	14	14.5	27.357	155.	2.5	1609.555	40.119	2.5	2.5	30.25	106.5
01042	COPPER, TOTAL (UG/L AS CU)	09/12/74-10/17/79	14 ##	5.	13.643	43.	0.	204.555	14.302	2.5	5.	25.	41.5
01045	IRON, TOTAL (UG/L AS FE)	07/02/79-10/17/79	3 ##	10.	102.333	287.	10.	25576.333	159.926	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/12/74-10/17/79	15	5.	8.133	32.	3.	53.695	7.328	3.	5.	10.	21.8
01055	MANGANESE, TOTAL (UG/L AS MN)	07/02/79-10/17/79	3	60.	62.333	71.	56.	60.333	7.767	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GATE0180

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01067	NICKEL, TOTAL (UG/L AS NI)	07/02/79-10/17/79	3	165.	157.	208.	98.	3073.	55.435	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/12/74-10/17/79	14	23.5	65.	564.	10.	21087.538	145.215	10.	10.	43.25	319.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/74-11/04/93	43	17.	120.709	2400.	1.5	136341.741	369.245	1.5	1.5	93.	240.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/74-11/04/93	43	1.23	1.263	3.38	0.176	0.792	0.89	0.176	0.176	1.968	2.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			18.329								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/12/74-11/04/93	43	4.	10.023	70.	1.	204.928	14.315	1.5	1.5	15.	29.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/12/74-11/04/93	43	0.602	0.673	1.845	0.	0.271	0.52	0.176	0.176	1.176	1.456
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.711								
31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	11/30/78-08/10/79	30	9.	12.733	23.	9.	39.651	6.297	9.	9.	23.	23.
31678	LOG FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATI	11/30/78-08/10/79	30	0.954	1.063	1.362	0.954	0.034	0.183	0.954	0.954	1.362	1.362
31678	GM FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATIO	GEOMETRIC MEAN =			11.559								
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/02/79-10/17/79	3 ##	0.005	0.02	0.05	0.005	0.001	0.026	**	**	**	**
45501	HYDROCARBON IN WATER, FREON EXT, CHROMAT, IR MG/L	07/02/79-10/17/79	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/26/76-11/04/93	47	1600.	5855.	11545.	0.	26576573.522	5155.247	0.	1200.	11245.	11500.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/02/79-10/17/79	3	30852.	31114.	32544.	29946.	1738884.	1318.668	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	09/12/74-10/17/79	12 ##	0.5	0.508	0.6	0.5	0.001	0.029	0.5	0.5	0.5	0.57

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0180

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	15	0	0.00	6	0	0.00	3	0	0.00	6	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3	0	0.00	2	0	0.00	1	0	0.00						
00400	PH	Other-Hi Lim.	9.	12	0	0.00	4	0	0.00	2	0	0.00	6	0	0.00			
		Other-Lo Lim.	6.5	12	1	0.08	4	0	0.00	2	0	0.00	6	1	0.17			
01002	ARSENIC, TOTAL	Marine Acute	69.	3	0	0.00	2	0	0.00				1	0	0.00			
01027	CADMIUM, TOTAL	Marine Acute	43.	15	1	0.07	6	1	0.17	3	0	0.00	6	0	0.00			
01042	COPPER, TOTAL	Marine Acute	2.9	6 &	5	0.83	2	2	1.00	1	0	0.00	3	3	1.00			
01051	LEAD, TOTAL	Marine Acute	220.	15	0	0.00	6	0	0.00	3	0	0.00	6	0	0.00			
01067	NICKEL, TOTAL	Marine Acute	75.	3	3	1.00	2	2	1.00				1	1	1.00			
01092	ZINC, TOTAL	Marine Acute	95.	14	1	0.07	6	0	0.00	2	0	0.00	6	1	0.17			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	43	1	0.02	8	0	0.00	11	0	0.00	24	1	0.04			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	43	0	0.00	8	0	0.00	11	0	0.00	24	0	0.00			
71900	MERCURY, TOTAL	Marine Acute	2.1	12	0	0.00	5	0	0.00	2	0	0.00	5	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0180

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/74-11/04/93	8 ##	1.5	44.875	240.	1.5	7657.625	87.508	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/74-11/04/93	8 ##	0.176	0.685	2.38	0.176	0.895	0.946	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			4.839								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/12/74-11/04/93	8 ##	1.5	4.25	21.	1.5	46.571	6.824	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/12/74-11/04/93	8 ##	0.176	0.373	1.322	0.176	0.169	0.412	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.358								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/26/76-11/04/93	8	6422.5	6311.5	11400.	1001.	28751970.571	5362.086	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0180

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/74-11/04/93	11	93.	96.045	240.	1.5	6801.323	82.47	4.6	43.	150.	240.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/74-11/04/93	11	1.968	1.741	2.38	0.176	0.391	0.625	0.387	1.633	2.176	2.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			55.057								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/12/74-11/04/93	11	9.	11.227	33.	1.5	90.968	9.538	2.	4.	15.	30.6
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/12/74-11/04/93	11	0.954	0.895	1.519	0.176	0.164	0.405	0.261	0.602	1.176	1.479
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.853								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/26/76-11/04/93	12	11150.5	7082.417	11500.	0.	27891975.902	5281.285	343.5	1415.	11400.	11500.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0180

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/12/74-11/04/93	24	9.	157.292	2400.	1.5	239996.52	489.894	1.5	4.	87.25	350.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/12/74-11/04/93	24	0.954	1.237	3.38	0.176	0.778	0.882	0.176	0.602	1.938	2.521
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			17.258								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/12/74-11/04/93	24	4.	11.396	70.	1.	306.239	17.5	1.5	1.5	13.5	43.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/12/74-11/04/93	24	0.602	0.672	1.845	0.	0.317	0.563	0.176	0.176	1.121	1.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.694								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/26/76-11/04/93	27	1530.	5174.222	11545.	0.	26237989.179	5122.303	0.	1200.	11115.	11526.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0181

NPS Station ID: GATE0181 LAT/LON: 40.396671/ -73.979726 Agency: 21NJDEP1 Date Created: 04/04/81
Location: SANDY HOOK BAY FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): L6971836722 /900A /SF02005
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02030104 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST MAJOR BASIN Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA ECO Region:
RF1 Index: 02030104006 RF1 Mile Point: 9.250 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J. TIDE CORRECTION (H/L): (-0:01/ 0:00)
ASSOCIATED NOAA WEATHER STATION: 7865

Parameter Inventory for Station: GATE0181

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/28/77-05/18/92	59	18.	16.186	25.	0.	43.809	6.619	6.	10.	22.	23.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	259	17.	18.49	36.	0.	72.452	8.512	8.	12.	26.	30.
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	265	4.	4.596	15.	0.	11.363	3.371	1.	2.	7.	10.
00480	SALINITY - PARTS PER THOUSAND	06/18/79-07/05/88	171	19.1	19.423	28.	10.	13.83	3.719	15.	17.	22.5	24.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	126	18.	99.833	2400.	1.5	103621.68	321.903	1.5	7.	55.5	230.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	126	1.249	1.32	3.38	0.176	0.504	0.71	0.176	0.845	1.717	2.362
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			20.87								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	126	9.	24.806	460.	1.5	2859.492	53.474	1.5	4.	23.	58.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	126	0.954	0.957	2.663	0.176	0.342	0.585	0.176	0.602	1.362	1.734
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.05								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/15/90-05/18/92	18	3.6	7.433	23.	1.5	45.086	6.715	1.5	3.45	9.1	23.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	05/15/90-05/18/92	18	0.556	0.719	1.362	0.176	0.14	0.375	0.176	0.537	0.959	1.362
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			5.236								
31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	01/06/78-12/01/78	7	4.	4.	4.	4.	0.	0.	**	**	**	**
31678	LOG FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATI	01/06/78-12/01/78	7	0.602	0.602	0.602	0.602	0.	0.	**	**	**	**
31678	GM FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATIO	GEOMETRIC MEAN =			4.								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	144	11178.5	7169.542	11626.	1116.	24071331.677	4906.254	1312.	1416.	11315.	11445.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0181

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	126	3	0.02	28	0	0.00	38	2	0.05	60	1	0.02			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	126	3	0.02	28	0	0.00	38	1	0.03	60	2	0.03			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1977 - Station GATE0181

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/28/77-05/18/92	10	19.	17.2	23.	8.	25.289	5.029	8.4	12.	21.25	22.9
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	10	26.	24.9	30.	10.	32.1	5.666	11.4	24.	28.25	29.9
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	9	3.	4.111	15.	1.	21.361	4.622	1.	1.	5.5	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	10	23.	255.7	2400.	4.	567807.789	753.53	4.	6.25	28.	2164.3
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	10	1.362	1.335	3.38	0.602	0.648	0.805	0.602	0.784	1.43	3.206
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			21.652								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	10	6.5	8.8	23.	1.5	64.344	8.021	1.5	3.375	12.5	23.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	10	0.778	0.774	1.362	0.176	0.177	0.421	0.176	0.496	1.056	1.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.949								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	10	11315.	9368.5	11615.	1315.	17961355.833	4238.084	1318.	8770.	11433.75	11598.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GATE0181

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/28/77-05/18/92	7	10.	12.714	24.	0.	76.238	8.731	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	7	16.	19.	32.	6.	95.667	9.781	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	7	5.	4.143	10.	0.	10.81	3.288	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	7	39.	209.	1100.	9.	160982.333	401.226	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	7	1.591	1.702	3.041	0.954	0.584	0.764	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			50.389								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	7	9.	18.929	93.	1.5	1075.202	32.79	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	7	0.954	0.922	1.968	0.176	0.294	0.542	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.357								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	7	11245.	7080.714	11415.	1330.	27765003.571	5269.251	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station GATE0181

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/28/77-05/18/92	12	21.	20.333	25.	12.	19.697	4.438	13.2	16.	25.	25.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	12	27.	27.25	36.	15.	52.568	7.25	15.9	20.	34.	36.
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	13	5.	5.231	10.	2.	6.859	2.619	2.	3.	6.5	10.
00480	SALINITY - PARTS PER THOUSAND	06/18/79-07/05/88	9	21.9	21.467	22.5	19.5	1.108	1.052	19.5	20.7	22.3	22.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	9	15.	70.889	460.	4.	22058.361	148.521	4.	5.5	58.	460.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	9	1.176	1.282	2.663	0.602	0.453	0.673	0.602	0.724	1.665	2.663
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			19.124								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	9	4.	59.278	460.	1.5	22753.132	150.841	1.5	1.5	26.	460.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	9	0.602	0.882	2.663	0.176	0.675	0.821	0.176	0.176	1.294	2.663
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.619								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	9	11245.	6947.222	11545.	1315.	27806419.444	5273.179	1315.	1365.	11430.	11545.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GATE0181

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/28/77-05/18/92	12	14.	14.333	22.	6.	47.152	6.867	6.	8.	22.	22.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	12	18.5	17.167	28.	0.	99.061	9.953	0.	12.	26.	28.
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	12	1.5	3.	10.	0.	14.545	3.814	0.	0.	5.	10.
00480	SALINITY - PARTS PER THOUSAND	06/18/79-07/05/88	12	21.45	21.017	28.	13.1	34.056	5.836	13.1	15.9	26.2	28.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GATE0181

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	6	124.5	519.583	2400.	1.5	881906.242	939.099	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	6	1.667	1.733	3.38	0.176	1.563	1.25	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			54.088								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	6	23.5	64.25	240.	1.5	8672.775	93.128	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	6	1.118	1.227	2.38	0.176	0.786	0.887	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			16.868								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	6	11345.	8096.667	11545.	1315.	26801736.667	5177.039	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station GATE0181

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/28/77-05/18/92	16	16.5	15.	23.	5.	49.333	7.024	5.	6.5	21.75	23.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	22	15.	16.364	30.	6.	66.909	8.18	6.3	9.	23.	29.7
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	22	3.	3.636	10.	0.	9.576	3.094	0.	1.	7.	9.1
00480	SALINITY - PARTS PER THOUSAND	06/18/79-07/05/88	22	20.	20.227	25.	16.	5.814	2.411	16.6	19.	22.5	24.25
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	11	9.	38.318	240.	1.5	5237.264	72.369	1.5	1.5	43.	210.6
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	11	0.954	0.982	2.38	0.176	0.563	0.75	0.176	0.176	1.633	2.298
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			9.588								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	11	6.	13.545	93.	1.5	712.773	26.698	1.5	1.5	9.	77.4
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	11	0.778	0.726	1.968	0.176	0.309	0.556	0.176	0.176	0.954	1.81
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.317								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	11	1500.	4102.182	11315.	1232.	21332221.564	4618.682	1234.6	1337.	11245.	11315.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station GATE0181

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	20	17.	17.7	35.	9.	56.221	7.498	9.2	12.	19.	34.
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	20	5.	4.9	8.	1.	4.726	2.174	1.2	3.	6.	8.
00480	SALINITY - PARTS PER THOUSAND	06/18/79-07/05/88	20	18.25	18.8	23.	16.	5.589	2.364	16.05	17.	19.	23.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	10	19.	20.75	36.	1.5	151.847	12.323	2.05	13.	36.	36.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	10	1.269	1.194	1.556	0.176	0.179	0.423	0.243	1.093	1.556	1.556
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			15.638								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	10 ##	15.	15.15	36.	1.5	87.447	9.351	2.05	8.5	17.	34.7
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	10 ##	1.176	1.077	1.556	0.176	0.138	0.371	0.243	0.927	1.223	1.537
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.951								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	10	6419.5	6387.5	11508.	1322.	27503586.5	5244.386	1324.5	1391.25	11337.25	11491.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station GATE0181

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/28/77-05/18/92	2	19.	19.	19.	19.	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	22	16.	17.727	29.	7.	44.779	6.692	8.2	12.	23.	28.1
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	22	5.	5.273	10.	1.	10.494	3.239	1.3	2.	8.	10.
00480	SALINITY - PARTS PER THOUSAND	06/18/79-07/05/88	22	18.	18.591	27.	12.	22.991	4.795	12.3	14.	23.5	26.1
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	11	15.	16.136	36.	1.5	93.005	9.644	2.	9.	23.	33.4
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	11	1.176	1.094	1.556	0.176	0.154	0.392	0.261	0.954	1.362	1.517
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			12.429								

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Annual Analysis for 1983 - Station GATE0181

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	11 ##	11.	9.909	23.	1.5	52.241	7.228	1.5	4.	15.	21.4
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	11 ##	1.041	0.842	1.362	0.176	0.182	0.426	0.176	0.602	1.176	1.325
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.956								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	11	1558.	5917.909	11555.	1245.	27295429.691	5224.503	1257.	1305.	11422.	11534.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GATE0181

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	30	17.	16.933	30.	4.	67.513	8.217	6.	8.	23.	29.
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	30	5.	5.867	12.	1.	13.223	3.636	2.	3.	10.	11.
00480	SALINITY - PARTS PER THOUSAND	06/18/79-07/05/88	30	20.	19.667	24.	16.	7.437	2.727	16.	17.	23.	23.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	15	23.	44.8	150.	1.5	2252.136	47.457	1.5	7.	93.	115.8
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	15	1.362	1.289	2.176	0.176	0.454	0.674	0.176	0.845	1.968	2.052
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			19.471								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	15	9.	25.6	93.	1.5	989.65	31.459	1.5	4.	43.	93.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	15	0.954	1.055	1.968	0.176	0.369	0.607	0.176	0.602	1.633	1.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.345								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	15	11141.	9234.2	11414.	1321.	16356747.171	4044.348	1370.2	11007.	11250.	11373.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GATE0181

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	20	18.5	19.6	31.	9.	56.253	7.5	9.1	14.	26.	30.7
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	20	4.5	4.6	9.	1.	8.042	2.836	1.1	2.	8.	8.9
00480	SALINITY - PARTS PER THOUSAND	06/18/79-07/05/88	20	20.75	20.25	24.5	13.	14.434	3.799	13.3	17.	24.	24.45
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	10	33.	95.85	430.	1.5	18489.892	135.978	2.05	13.	127.25	410.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	10	1.498	1.549	2.633	0.176	0.532	0.729	0.243	1.093	2.067	2.606
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			35.37								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	10	16.	46.25	230.	1.5	4957.181	70.407	1.75	6.25	55.5	216.3
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	10	1.158	1.249	2.362	0.176	0.441	0.664	0.219	0.784	1.717	2.322
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			17.744								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	10	11201.	7306.9	11347.	1205.	26158768.1	5114.564	1217.2	1396.	11315.	11345.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GATE0181

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	20	13.5	17.3	32.	4.	114.747	10.712	4.2	8.	29.	31.7
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	20	3.	4.8	12.	1.	18.063	4.25	1.	2.	10.	11.9
00480	SALINITY - PARTS PER THOUSAND	06/18/79-07/05/88	20	17.25	17.3	28.	10.	24.8	4.98	10.15	15.	20.	27.2
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	10	93.	91.1	390.	9.	12585.433	112.185	9.	13.5	93.	360.3
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	10	1.968	1.688	2.591	0.954	0.295	0.543	0.954	1.121	1.968	2.529
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			48.75								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	10	19.	32.85	93.	1.5	1230.447	35.078	1.75	4.	55.5	93.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	10	1.269	1.208	1.968	0.176	0.379	0.615	0.219	0.602	1.717	1.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			16.129								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	10	6237.5	6270.2	11626.	1153.	28402020.178	5329.355	1158.6	1212.75	11253.25	11596.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GATE0181

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	14	15.	17.286	33.	9.	64.22	8.014	9.	12.	24.	33.
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	20	2.	3.6	9.	1.	10.358	3.218	1.	1.	8.	8.9
00480	SALINITY - PARTS PER THOUSAND	06/18/79-07/05/88	8	18.	17.875	20.5	15.	5.625	2.372	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	10	68.	75.4	230.	1.5	5819.322	76.284	1.5	5.625	127.5	222.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	10	1.801	1.456	2.362	0.176	0.668	0.817	0.176	0.678	2.103	2.343
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			28.581								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	10	9.	17.75	43.	1.5	344.792	18.569	1.5	1.5	43.	43.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	10	0.954	0.918	1.633	0.176	0.398	0.631	0.176	0.176	1.633	1.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.272								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	10	11211.5	10222.3	11450.	1324.	9792397.344	3129.281	2292.9	11028.75	11271.75	11440.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GATE0181

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	16	21.	19.	31.	2.	107.2	10.354	2.	9.5	27.75	31.
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	16	4.	4.75	12.	1.	10.6	3.256	1.	3.	6.25	12.
00480	SALINITY - PARTS PER THOUSAND	06/18/79-07/05/88	8	19.5	20.25	23.	19.	2.929	1.711	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	8	9.	12.25	43.	1.5	183.	13.528	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	8	0.954	0.856	1.633	0.176	0.26	0.51	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			7.179								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	8	6.	9.688	43.	1.5	193.853	13.923	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	8	0.716	0.688	1.633	0.176	0.277	0.526	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.872								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	8	6310.5	6375.625	11508.	1352.	27739636.268	5266.843	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0181

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	14	18.	17.571	29.	1.	90.418	9.509	1.	10.	27.	29.
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	14	2.	3.143	8.	1.	6.593	2.568	1.	1.	5.	8.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	7	21.	83.857	460.	4.	27734.143	166.536	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	7	1.322	1.401	2.663	0.602	0.443	0.665	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			25.178								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	7	7.	19.714	93.	4.	1058.571	32.536	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	7	0.845	0.989	1.968	0.602	0.227	0.476	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.76								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	7	1531.	5702.143	11432.	1358.	27985259.143	5290.11	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0181

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	16	19.5	20.5	31.	10.	66.133	8.132	10.	12.5	29.5	31.
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	16	3.5	3.625	8.	1.	5.317	2.306	1.	1.25	5.	8.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	2 ##	8.25	8.25	15.	1.5	91.125	9.546	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	2 ##	0.676	0.676	1.176	0.176	0.5	0.707	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			4.743								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	2 ##	4.25	4.25	7.	1.5	15.125	3.889	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0181

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	2 ##	0.511	0.511	0.845	0.176	0.224	0.473	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.24								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	8	6319.	6310.375	11418.	1309.	28015890.268	5293.004	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0181

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	16	17.5	18.625	30.	11.	46.917	6.85	11.	12.	25.25	30.
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	16	6.5	6.125	12.	1.	16.65	4.08	1.	1.5	9.75	12.
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	8	11218.5	7632.75	11537.	1304.	26126396.5	5111.399	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0181

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	8	12.	13.25	22.	7.	43.071	6.563	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	8	4.	5.25	12.	1.	19.071	4.367	**	**	**	**
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	4	6324.5	6247.75	11226.	1116.	32342464.25	5687.044	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0181

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/28/77-05/18/92	12	22.	21.5	25.	16.	11.909	3.451	16.	19.	25.	25.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	60	23.	21.767	36.	7.	50.928	7.136	11.3	16.	27.	30.9
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	64	4.	4.906	12.	1.	10.245	3.201	1.5	2.	7.5	10.
00480	SALINITY - PARTS PER THOUSAND	06/18/79-07/05/88	42	22.5	21.957	28.	16.5	7.74	2.782	18.3	19.375	23.125	26.1
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	28	23.	50.554	460.	1.5	7890.914	88.831	1.5	5.25	93.	95.7
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	28	1.362	1.243	2.663	0.176	0.485	0.696	0.176	0.69	1.968	1.98
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			17.516								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	28	8.	16.179	93.	1.5	598.967	24.474	1.5	1.5	21.	48.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	28	0.9	0.847	1.968	0.176	0.318	0.564	0.176	0.176	1.315	1.667
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.032								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	33	11139.	7079.182	11508.	1232.	24502272.341	4949.977	1306.6	1415.	11244.5	11429.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0181

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/28/77-05/18/92	13	6.	6.231	10.	0.	6.026	2.455	2.	5.	8.	9.2
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	85	10.	9.824	17.	0.	17.29	4.158	4.	7.5	12.	16.
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	85	4.	4.765	12.	0.	14.754	3.841	1.	1.	8.	10.4
00480	SALINITY - PARTS PER THOUSAND	06/18/79-07/05/88	56	18.	17.543	22.	10.	8.614	2.935	13.	16.	19.5	21.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	38	23.	161.276	2400.	1.5	179323.563	423.466	1.5	6.25	107.25	433.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	38	1.362	1.414	3.38	0.176	0.756	0.87	0.176	0.784	2.02	2.636
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			25.947								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	38	9.	26.868	240.	1.5	1919.05	43.807	1.5	4.	43.	93.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	38	0.954	1.044	2.38	0.176	0.352	0.594	0.176	0.602	1.633	1.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.064								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	45	11021.	6901.422	11615.	1116.	24871500.84	4987.134	1310.6	1420.5	11315.	11475.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0181

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/28/77-05/18/92	34	20.	18.118	23.	10.	17.683	4.205	11.	16.	22.	22.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	114	24.	23.228	35.	10.	41.133	6.414	14.	17.	28.25	30.5
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	116	3.	4.302	15.	0.	9.534	3.088	1.	2.	6.	9.
00480	SALINITY - PARTS PER THOUSAND	06/18/79-07/05/88	73	19.	19.408	28.	12.	15.171	3.895	14.	16.75	22.75	24.8
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	60	15.	83.917	2400.	1.5	99627.561	315.638	4.	7.5	43.	93.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	60	1.176	1.295	3.38	0.176	0.363	0.603	0.602	0.872	1.633	1.968
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			19.73								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	60	9.	27.525	460.	1.5	4535.088	67.343	1.5	4.	21.	88.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	60	0.954	0.952	2.663	0.176	0.348	0.59	0.176	0.602	1.315	1.935
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.963								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	66	11212.5	7397.53	11626.	1153.	23951487.268	4894.026	1294.6	1414.5	11330.	11445.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0182

NPS Station ID: GATE0182 LAT/LON: 40.416948/ -73.979726 Agency: 21NJDEP1 Date Created: 10/08/85
Location: ATLANTIC OCEAN AT SURF BEACH MIDDLETOWN FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/OCEAN STORET Station ID(s): L6975336845 /CCMPMC1010
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 02030104 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST MAJOR BASIN Elevation: 0 Water Body Id:
Minor Basin: NEW JERSEY COASTAL MINOR BASIN ECO Region:
RF1 Index: 02030104014 RF1 Mile Point: 4.340 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:

Parameter Inventory for Station: GATE0182

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/17/85-09/03/85	11	9.	306.091	2400.	1.5	502987.441	709.216	1.5	4.	240.	2012.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/17/85-09/03/85	11	0.954	1.425	3.38	0.176	1.25	1.118	0.176	0.602	2.38	3.237
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			26.637								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/17/85-09/13/93	159	2.	24.5	1100.	1.	9308.367	96.48	1.	1.	9.	50.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/17/85-09/13/93	159	0.301	0.643	3.041	0.	0.458	0.676	0.	0.	0.954	1.699
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			4.393								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0182

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	11	1	0.09	5	1	0.20				6	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1985 - Station GATE0182

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/17/85-09/13/93	11	4.	125.045	1100.	1.5	106933.373	327.007	1.5	1.5	93.	910.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/17/85-09/13/93	11	0.602	1.029	3.041	0.176	0.902	0.95	0.176	0.176	1.968	2.868
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			10.692								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GATE0182

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/17/85-09/13/93	19	5.	42.105	350.	1.	8675.099	93.14	1.	1.	33.	240.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/17/85-09/13/93	19	0.699	0.845	2.544	0.	0.652	0.807	0.	0.	1.519	2.38
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			6.996								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GATE0182

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/17/85-09/13/93	20 ##	1.	6.35	80.	1.	322.239	17.951	1.	1.	2.	20.2
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/17/85-09/13/93	20 ##	0.	0.253	1.903	0.	0.256	0.506	0.	0.	0.301	1.268
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			1.789								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GATE0182

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/17/85-09/13/93	18	3.	16.722	130.	1.	1041.154	32.267	1.	1.	12.5	58.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/17/85-09/13/93	18	0.452	0.652	2.114	0.	0.49	0.7	0.	0.	1.056	1.74
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			4.49								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0182

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/17/85-09/13/93	18	4.	16.667	90.	1.	710.706	26.659	1.	2.	24.	81.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/17/85-09/13/93	18	0.602	0.754	1.954	0.	0.421	0.649	0.	0.301	1.379	1.908
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			5.676								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0182

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/17/85-09/13/93	17	4.	16.824	170.	1.	1634.904	40.434	1.	1.	15.	58.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/17/85-09/13/93	17	0.602	0.639	2.23	0.	0.449	0.67	0.	0.	1.172	1.628
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			4.355								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0182

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/17/85-09/13/93	19	2.	10.842	130.	1.	876.585	29.607	1.	1.	4.	30.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/17/85-09/13/93	19	0.301	0.458	2.114	0.	0.334	0.578	0.	0.	0.602	1.477
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			2.873								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0182

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/17/85-09/13/93	19	2.	18.158	170.	2.	1613.807	40.172	2.	2.	13.	70.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/17/85-09/13/93	19	0.301	0.744	2.23	0.301	0.351	0.592	0.301	0.301	1.114	1.845
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			5.545								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station GATE0182

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/17/85-09/13/93	18	3.	8.611	50.	1.	154.016	12.41	1.	1.	11.	25.7
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/17/85-09/13/93	18	0.452	0.597	1.699	0.	0.3	0.548	0.	0.	1.041	1.395
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			3.956								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0182

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/17/85-09/13/93	54	4.	38.065	1100.	1.	24317.51	155.941	1.	1.875	8.75	50.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/17/85-09/13/93	54	0.602	0.707	3.041	0.	0.478	0.692	0.	0.27	0.938	1.699
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			5.089								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0182

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/17/85-09/13/93	105	2.	17.524	240.	1.	1604.305	40.054	1.	1.	9.	58.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/17/85-09/13/93	105	0.301	0.61	2.38	0.	0.448	0.669	0.	0.	0.954	1.757
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			4.072								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0183

NPS Station ID: GATE0183
LAT/LON: 40.388615/ -73.979726
Agency: 21NJDEP1
Date Created: 08/08/81
Location: NAVESINK RIVER
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 100000010A /1022A /SF03038
RMI-Indexes: 0133006
Within Park Boundary: No
RMI-Miles: 0001.00
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST MAJOR BASIN
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA
ECO Region:
RF1 Index: 02030104007
RF1 Mile Point: 0.760
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J.
TIDE CORRECTION (H/L): (+1:09/+1:45)
ASSOCIATED NOAA WEATHER STATION: 4987

Parameter Inventory for Station: GATE0183

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/01/83-10/17/95	137	16.	15.898	32.	0.	61.813	7.862	5.8	9.5	22.	27.
00035	WIND VELOCITY (MILES PER HOUR)	06/01/83-10/17/95	141	7.	7.34	15.	0.	21.983	4.689	1.	3.	10.5	14.
00480	SALINITY - PARTS PER THOUSAND	11/18/93-11/18/93	1	25.4	25.4	25.4	25.4	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/01/83-10/17/95	106	41.	163.608	2400.	1.5	149437.448	386.571	4.	9.	93.	439.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/01/83-10/17/95	106	1.612	1.573	3.38	0.176	0.564	0.751	0.602	0.954	1.968	2.642
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			37.418								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/01/83-10/17/95	107	9.	92.234	2400.	1.5	118135.973	343.709	1.5	4.	43.	150.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/01/83-10/17/95	107	0.954	1.142	3.38	0.176	0.533	0.73	0.176	0.602	1.633	2.176
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			13.876								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	30	7.3	7.9	23.	1.5	39.66	6.298	1.5	3.	9.1	22.2
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/88-08/08/95	30	0.863	0.765	1.362	0.176	0.127	0.356	0.176	0.477	0.959	1.343
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			5.824								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	06/01/83-10/17/95	141	11037.	6474.695	11643.	1005.	25102119.756	5010.202	1203.6	1329.	11251.	11431.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0183

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	106	3	0.03	33	2	0.06	33	0	0.00	40	1	0.03			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	107	7	0.07	34	2	0.06	33	2	0.06	40	3	0.08			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1983 - Station GATE0183

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/01/83-10/17/95	7	18.	16.	22.	5.	34.333	5.859	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	06/01/83-10/17/95	7	12.	10.286	15.	1.	37.905	6.157	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/01/83-10/17/95	7	43.	53.	150.	4.	2659.	51.565	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/01/83-10/17/95	7	1.633	1.507	2.176	0.602	0.274	0.523	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			32.162								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/01/83-10/17/95	7	9.	22.429	93.	4.	1012.619	31.822	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/01/83-10/17/95	7	0.954	1.088	1.968	0.602	0.228	0.477	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.258								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	06/01/83-10/17/95	7	1146.	4046.857	11320.	1046.	24366583.143	4936.252	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GATE0183

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/01/83-10/17/95	17	19.	18.235	31.	2.	66.566	8.159	6.8	12.	25.	29.4
00035	WIND VELOCITY (MILES PER HOUR)	06/01/83-10/17/95	17	9.	8.235	15.	1.	21.191	4.603	1.8	3.5	12.	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/01/83-10/17/95	14	93.	217.964	930.	1.5	69596.326	263.811	4.25	43.	437.5	695.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/01/83-10/17/95	14	1.968	1.952	2.968	0.176	0.559	0.748	0.511	1.633	2.641	2.816
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			89.512								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/01/83-10/17/95	14	43.	107.5	930.	1.5	58345.	241.547	1.5	6.25	69.75	540.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/01/83-10/17/95	14	1.633	1.429	2.968	0.176	0.605	0.778	0.176	0.784	1.769	2.572
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			26.875								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	06/01/83-10/17/95	17	1418.	5443.471	11540.	1115.	26239330.765	5122.434	1148.6	1247.	11373.	11539.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GATE0183

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/01/83-10/17/95	11	18.	19.273	32.	7.	58.418	7.643	7.8	12.	26.	30.8
00035	WIND VELOCITY (MILES PER HOUR)	06/01/83-10/17/95	11	3.	4.909	15.	2.	17.491	4.182	2.	2.	8.	13.8
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/01/83-10/17/95	11	93.	458.091	2400.	4.	598900.091	773.886	7.8	23.	430.	2220.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/01/83-10/17/95	11	1.968	2.087	3.38	0.602	0.654	0.809	0.754	1.362	2.633	3.339
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			122.22								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/01/83-10/17/95	11	93.	376.773	2400.	1.5	503260.068	709.408	3.	15.	430.	2070.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/01/83-10/17/95	11	1.968	1.882	3.38	0.176	0.872	0.934	0.332	1.176	2.633	3.279
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			76.123								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	06/01/83-10/17/95	11	11108.	6756.091	11434.	1100.	27574628.891	5251.155	1111.4	1226.	11429.	11433.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GATE0183

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/01/83-10/17/95	13	19.	16.	29.	5.	74.167	8.612	5.4	6.5	22.5	28.2
00035	WIND VELOCITY (MILES PER HOUR)	06/01/83-10/17/95	13	4.	5.538	14.	1.	17.603	4.196	1.	2.5	9.	13.2
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/01/83-10/17/95	13	93.	235.462	930.	9.	108412.269	329.26	9.	12.	310.	930.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/01/83-10/17/95	13	1.968	1.879	2.968	0.954	0.569	0.754	0.954	1.065	2.476	2.968
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			75.725								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/01/83-10/17/95	13	43.	52.269	150.	1.5	2616.942	51.156	3.7	9.	93.	138.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/01/83-10/17/95	13	1.633	1.405	2.176	0.176	0.395	0.629	0.444	0.954	1.968	2.137
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			25.413								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GATE0183

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	06/01/83-10/17/95	13	11202.	8224.077	11548.	1203.	23243455.41	4821.147	1225.4	1326.5	11373.	11541.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GATE0183

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/01/83-10/17/95	8	13.	13.	22.	7.	24.571	4.957	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	06/01/83-10/17/95	12	5.	6.667	15.	1.	27.697	5.263	1.	1.25	11.5	14.7
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/01/83-10/17/95	10	23.	30.	75.	9.	431.333	20.769	9.2	14.	43.	71.8
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/01/83-10/17/95	10	1.362	1.385	1.875	0.954	0.091	0.301	0.963	1.142	1.633	1.851
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			24.248								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/01/83-10/17/95	11	9.	12.227	43.	1.5	139.868	11.827	1.8	4.	15.	39.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/01/83-10/17/95	11	0.954	0.925	1.633	0.176	0.164	0.405	0.236	0.602	1.176	1.579
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.415								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	06/01/83-10/17/95	12	6321.	6353.667	11600.	1145.	26851817.333	5181.874	1226.9	1421.5	11307.	11527.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GATE0183

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/01/83-10/17/95	10	14.5	15.	26.	6.	42.	6.481	6.3	9.75	19.	25.9
00035	WIND VELOCITY (MILES PER HOUR)	06/01/83-10/17/95	10	6.	5.7	10.	0.	7.789	2.791	0.3	4.5	8.	9.8
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/01/83-10/17/95	3	9.	12.667	20.	9.	40.333	6.351	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/01/83-10/17/95	3	0.954	1.07	1.301	0.954	0.04	0.2	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			11.745								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/01/83-10/17/95	3	4.	3.167	4.	1.5	2.083	1.443	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/01/83-10/17/95	3	0.602	0.46	0.602	0.176	0.06	0.246	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.884								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	06/01/83-10/17/95	10	11182.5	7299.4	11643.	1217.	27147319.822	5210.309	1217.1	1225.5	11343.5	11614.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0183

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/01/83-10/17/95	7	21.	19.571	28.	5.	74.619	8.638	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	06/01/83-10/17/95	7	5.	6.286	15.	1.	25.905	5.09	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/01/83-10/17/95	5	39.	146.2	430.	9.	33264.7	182.386	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/01/83-10/17/95	5	1.591	1.78	2.633	0.954	0.49	0.7	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			60.318								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/01/83-10/17/95	5	23.	30.4	93.	4.	1295.8	35.997	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/01/83-10/17/95	5	1.362	1.25	1.968	0.602	0.262	0.512	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			17.768								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	06/01/83-10/17/95	7	11207.	8416.	11420.	1242.	23461266.333	4843.683	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0183

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/01/83-10/17/95	9	19.	16.556	25.	5.	53.778	7.333	5.	8.5	22.5	25.
00035	WIND VELOCITY (MILES PER HOUR)	06/01/83-10/17/95	9	10.	9.778	15.	4.	17.194	4.147	4.	6.	14.5	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/01/83-10/17/95	2	13.5	13.5	23.	4.	180.5	13.435	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/01/83-10/17/95	2	0.982	0.982	1.362	0.602	0.289	0.537	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			9.592								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/01/83-10/17/95	2	13.5	13.5	23.	4.	180.5	13.435	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/01/83-10/17/95	2	0.982	0.982	1.362	0.602	0.289	0.537	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.592								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	06/01/83-10/17/95	9	1509.	5773.333	11334.	1252.	26706432.25	5167.827	1252.	1410.	11271.5	11334.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0183

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/01/83-10/17/95	7	24.	20.286	30.	6.	88.905	9.429	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	06/01/83-10/17/95	7	8.	7.857	14.	1.	17.143	4.14	**	**	**	**
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	06/01/83-10/17/95	7	1515.	5654.714	11548.	1316.	27920767.238	5284.011	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0183

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/01/83-10/17/95	14	9.5	12.571	29.	3.	65.187	8.074	4.	6.	19.25	26.
00035	WIND VELOCITY (MILES PER HOUR)	06/01/83-10/17/95	14	7.5	7.214	15.	1.	21.72	4.66	1.	2.	10.5	14.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/01/83-10/17/95	8	13.	19.375	43.	4.	245.125	15.656	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/01/83-10/17/95	8	1.109	1.156	1.633	0.602	0.137	0.37	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			14.32								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/01/83-10/17/95	8	4.	6.438	23.	1.5	46.96	6.853	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/01/83-10/17/95	8	0.602	0.674	1.362	0.176	0.111	0.333	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.722								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	06/01/83-10/17/95	14	11074.5	7656.786	11628.	1005.	24799227.874	4979.882	1059.5	1300.5	11245.25	11534.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station GATE0183

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/01/83-10/17/95	10	13.5	15.2	32.	5.	63.511	7.969	5.4	9.	20.25	31.2
00035	WIND VELOCITY (MILES PER HOUR)	06/01/83-10/17/95	10	5.5	6.2	14.	1.	16.622	4.077	1.2	3.	8.25	13.8
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/01/83-10/17/95	10	14.	58.5	240.	1.5	9320.222	96.541	1.5	3.375	92.25	240.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/01/83-10/17/95	10	1.084	1.148	2.38	0.176	0.658	0.811	0.176	0.496	1.82	2.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			14.058								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/01/83-10/17/95	10	4.	6.2	23.	1.5	44.067	6.638	1.5	1.5	9.	21.6
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/01/83-10/17/95	10	0.602	0.602	1.362	0.176	0.179	0.423	0.176	0.176	0.954	1.321
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.003								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	06/01/83-10/17/95	10	11126.	7191.	11225.	1056.	26279556.	5126.359	1072.3	1303.75	11158.	11224.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station GATE0183

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/01/83-10/17/95	15	15.	14.533	27.	0.	61.981	7.873	3.	7.	20.	27.
00035	WIND VELOCITY (MILES PER HOUR)	06/01/83-10/17/95	15	10.	7.6	14.	1.	29.971	5.475	1.	1.	14.	14.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/01/83-10/17/95	15	43.	256.333	2400.	4.	374057.667	611.603	4.	15.	93.	1236.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/01/83-10/17/95	15	1.633	1.698	3.38	0.602	0.652	0.808	0.602	1.176	1.968	2.95
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			49.892								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/01/83-10/17/95	15	9.	189.7	2400.	1.5	377448.207	614.368	3.	4.	43.	1104.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/01/83-10/17/95	15	0.954	1.228	3.38	0.176	0.675	0.821	0.432	0.602	1.633	2.78
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			16.914								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	06/01/83-10/17/95	15	1409.	4670.8	11628.	1116.	23971265.743	4896.046	1170.	1308.	11249.	11464.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station GATE0183

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/01/83-10/17/95	9	13.	12.	24.	1.	70.25	8.382	1.	2.5	19.	24.
00035	WIND VELOCITY (MILES PER HOUR)	06/01/83-10/17/95	9	10.	10.667	14.	2.	14.	3.742	2.	10.	14.	14.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/01/83-10/17/95	8	12.	17.375	43.	1.5	320.196	17.894	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/01/83-10/17/95	8	0.952	0.92	1.633	0.176	0.395	0.628	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			8.32								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/01/83-10/17/95	8 ##	7.75	12.625	43.	1.5	218.982	14.798	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/01/83-10/17/95	8 ##	0.661	0.753	1.633	0.176	0.402	0.634	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.659								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	06/01/83-10/17/95	9	11058.	6886.111	11551.	1214.	27492932.861	5243.37	1214.	1356.	11385.	11551.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0183

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/01/83-10/17/95	42	19.5	20.071	32.	11.	29.775	5.457	12.3	16.	24.	27.7
00035	WIND VELOCITY (MILES PER HOUR)	06/01/83-10/17/95	45	6.	6.756	15.	1.	21.234	4.608	1.	2.5	10.	14.4
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/01/83-10/17/95	33	43.	232.576	2400.	1.5	246782.361	496.772	4.	9.	190.	742.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/01/83-10/17/95	33	1.633	1.653	3.38	0.176	0.717	0.847	0.602	0.954	2.269	2.846
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			44.949								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/01/83-10/17/95	34	15.	122.941	2400.	1.5	178712.33	422.744	1.5	4.	55.5	150.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/01/83-10/17/95	34	1.176	1.245	3.38	0.176	0.593	0.77	0.176	0.602	1.717	2.176
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			17.579								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	10	8.2	9.82	23.	1.5	63.862	7.991	1.65	3.45	17.	23.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/88-08/08/95	10	0.911	0.845	1.362	0.176	0.158	0.397	0.206	0.537	1.223	1.362
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			6.993								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	06/01/83-10/17/95	45	1441.	5530.956	11628.	1046.	25042050.725	5004.203	1141.6	1311.5	11229.5	11476.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0183

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/01/83-10/17/95	46	7.	7.804	19.	0.	17.05	4.129	2.7	5.	10.	14.3
00035	WIND VELOCITY (MILES PER HOUR)	06/01/83-10/17/95	46	10.	8.63	15.	1.	22.816	4.777	1.	4.75	14.	14.3
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/01/83-10/17/95	33	39.	133.773	930.	1.5	41002.423	202.491	4.	17.5	190.	448.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/01/83-10/17/95	33	1.591	1.658	2.968	0.176	0.492	0.701	0.602	1.239	2.269	2.651
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			45.551								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/01/83-10/17/95	33	15.	50.136	430.	1.5	7720.723	87.868	1.5	4.	43.	150.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/01/83-10/17/95	33	1.176	1.172	2.633	0.176	0.529	0.728	0.176	0.602	1.633	2.176
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			14.848								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	12	5.45	7.25	23.	1.5	40.352	6.352	1.5	3.	9.1	20.6
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/88-08/08/95	12	0.71	0.717	1.362	0.176	0.14	0.374	0.176	0.477	0.959	1.306
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			5.21								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	06/01/83-10/17/95	46	11137.	7383.174	11628.	1005.	24238842.814	4923.296	1210.7	1391.75	11328.75	11433.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0183

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/01/83-10/17/95	49	20.	19.918	32.	8.	39.202	6.261	12.	14.5	26.5	28.
00035	WIND VELOCITY (MILES PER HOUR)	06/01/83-10/17/95	50	5.5	6.68	15.	0.	20.467	4.524	1.	2.75	10.	14.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/01/83-10/17/95	40	23.	131.325	2400.	1.5	160353.597	400.442	4.	9.	67.	230.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/01/83-10/17/95	40	1.362	1.437	3.38	0.176	0.496	0.704	0.602	0.954	1.815	2.362
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			27.348								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/01/83-10/17/95	40	8.	100.863	2400.	1.5	161136.474	401.418	1.5	4.	23.	43.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/01/83-10/17/95	40	0.9	1.031	3.38	0.176	0.491	0.701	0.176	0.602	1.362	1.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.733								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	8	8.2	6.475	9.1	1.5	10.476	3.237	**	**	**	**
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/88-08/08/95	8	0.911	0.739	0.959	0.176	0.09	0.3	**	**	**	**
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			5.478								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	06/01/83-10/17/95	50	11018.5	6488.26	11643.	1115.	25380511.421	5037.907	1207.1	1327.25	11246.5	11428.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0184

NPS Station ID: GATE0184 | LAT/LON: 40.408003/ -73.979810 | Agency: 11NPSWRD | Date Created: 12/21/96
Location: Plum Island | FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY | STORET Station ID(s): GATE_SH-1
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 02030104 | Depth of Water: 0 | Aquifer:
Major Basin: NORTHEAST | Elevation: 0 | Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METROPOLITAN AREA | ECO Region:
RF1 Index: 02030104 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 02030202104200.00 | RF3 Mile Point: 0.00 | Distance from RF3: 4.93 | On/Off RF3:
Description:
Station is located at Plum Island in the Sandy Hook Unit of Gateway National Recreation Area. The station can be found on the USGS 7.5 minute Sandy Hook N.Y.-N.J. quadrangle. Samples are collected just west of the Main Road at Sandy Hook opposite Plum Island. For additional information on the water quality data stored at this station; contact the Division of Natural Resources at Gateway National Recreation Area - Building 210; Fort Wadsworth; Staten Island N.Y. 10305 (tel. 718-448-5505; fax. 718-448-4015). The park produces an Annual Report summarizing each year's monitoring activities. Data processed and uploaded to STORET by Dean Tucker; NPS Water Resources Division; 1201 Oak Ridge Drive Ste. 250; Fort Collins CO 80525 (tel. 970-225-3516; fax. 970-225-9965).

Parameter Inventory for Station: GATE0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/02/88-08/30/95	118	29.	266.534	5829.	0.	650298.114	806.411	0.	0.	117.5	652.5
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/02/88-08/30/95	118	1.462	1.299	3.766	0.	1.221	1.105	0.	0.	2.07	2.814
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			19.893								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/30/95	121	11.	90.752	3045.	0.	126998.438	356.368	0.	0.	51.	193.2
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/30/95	121	1.041	0.899	3.484	0.	0.932	0.965	0.	0.	1.703	2.285
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			7.925								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0184

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	118	9	0.08	42	8	0.19				76	1	0.01			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	121	11	0.09	45	6	0.13				76	5	0.07			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1988 - Station GATE0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/02/88-08/30/95	17	28.	72.176	400.	0.	11722.154	108.269	0.	0.	94.5	253.6
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/02/88-08/30/95	17	1.447	1.228	2.602	0.	0.868	0.932	0.	0.	1.956	2.39
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			16.885								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/30/95	18	11.	34.389	429.	0.	9885.193	99.424	0.	0.	17.25	82.5
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/30/95	18	1.041	0.81	2.632	0.	0.592	0.77	0.	0.	1.237	1.742
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			6.456								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/02/88-08/30/95	19	116.	1053.526	5829.	0.	2934873.152	1713.147	0.	11.	1276.	4757.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/02/88-08/30/95	19	2.064	2.033	3.766	0.	1.593	1.262	0.	1.041	3.106	3.677
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			107.947								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/30/95	19	0.	16.842	87.	0.	867.585	29.455	0.	0.	22.	87.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/30/95	19	0.	0.61	1.94	0.	0.6	0.775	0.	0.	1.342	1.94
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4.072								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/02/88-08/30/95	15	29.	63.8	232.	0.	5430.457	73.692	0.	0.	87.	214.6
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/02/88-08/30/95	15	1.462	1.328	2.365	0.	0.771	0.878	0.	0.	1.94	2.331
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			21.261								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/30/95	15	29.	38.667	203.	0.	3564.238	59.701	0.	0.	58.	168.2
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/30/95	15	1.462	0.923	2.307	0.	0.856	0.925	0.	0.	1.763	2.22
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			8.376								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/02/88-08/30/95	14	29.	87.	841.	0.	48389.846	219.977	0.	0.	65.25	478.5
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/02/88-08/30/95	14	1.462	1.039	2.925	0.	1.011	1.005	0.	0.	1.807	2.495
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			10.932								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/30/95	14	14.5	62.143	261.	0.	8003.363	89.462	0.	0.	130.5	232.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/30/95	14	0.731	0.98	2.417	0.	1.107	1.052	0.	0.	2.108	2.362
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			9.546								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/02/88-08/30/95	15	87.	237.8	1392.	0.	165340.6	406.621	0.	29.	232.	1165.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/02/88-08/30/95	15	1.94	1.788	3.144	0.	0.804	0.897	0.	1.462	2.365	3.061
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			61.435								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/30/95	15	29.	48.333	203.	0.	4044.81	63.599	0.	0.	87.	168.2
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/30/95	15	1.462	0.995	2.307	0.	0.976	0.988	0.	0.	1.94	2.22
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			9.885								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station GATE0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/02/88-08/30/95	14	0.	41.429	261.	0.	7079.187	84.138	0.	0.	58.	232.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/02/88-08/30/95	14	0.	0.589	2.417	0.	0.963	0.981	0.	0.	1.763	2.362
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.885								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/30/95	16	0.	208.438	3045.	0.	572913.729	756.911	0.	0.	50.75	974.4
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/30/95	16	0.	0.834	3.484	0.	1.161	1.077	0.	0.	1.688	2.403
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			6.817								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station GATE0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/02/88-08/30/95	11	33.	58.	403.	0.	13766.4	117.33	0.	0.	66.	335.6
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/02/88-08/30/95	11	1.519	0.986	2.605	0.	0.978	0.989	0.	0.	1.82	2.448
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			9.69								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/30/95	11	33.	66.636	403.	0.	15712.455	125.349	0.	0.	33.	362.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/30/95	11	1.519	0.998	2.605	0.	1.033	1.017	0.	0.	1.519	2.544
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			9.95								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station GATE0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/02/88-08/30/95	13	0.	249.769	2377.	0.	428210.359	654.378	0.	0.	159.5	1623.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/02/88-08/30/95	13	0.	1.028	3.376	0.	1.564	1.251	0.	0.	2.186	3.103
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			10.669								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/30/95	13	29.	292.231	2320.	0.	424909.859	651.851	0.	0.	275.5	1716.8
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/30/95	13	1.462	1.216	3.365	0.	1.644	1.282	0.	0.	2.425	3.183
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			16.456								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/02/88-08/30/95	42	51.	601.143	5829.	0.	1546988.369	1243.78	0.	0.	674.25	2081.5
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/02/88-08/30/95	42	1.703	1.698	3.766	0.	1.572	1.254	0.	0.	2.827	3.306
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			49.849								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/30/95	45	0.	168.111	3045.	0.	315856.146	562.011	0.	0.	62.5	283.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/30/95	45	0.	0.96	3.484	0.	1.187	1.089	0.	0.	1.795	2.427
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			9.116								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/02/88-08/30/95	76	29.	81.618	2266.	0.	71429.066	267.262	0.	0.	66.	207.2
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/02/88-08/30/95	76	1.462	1.078	3.355	0.	0.906	0.952	0.	0.	1.82	2.316
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			11.974								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/30/95	76	11.	44.947	812.	0.	12178.531	110.356	0.	0.	32.	133.4
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/30/95	76	1.041	0.863	2.91	0.	0.792	0.89	0.	0.	1.504	2.117
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			7.294								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0185

NPS Station ID: GATE0185
LAT/LON: 40.433337/ -73.980004
Agency: 21NJDEP1
Date Created: 08/21/93
Location: AREA E SANDY HOOK MIDDLETOWN
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): L6978236944 /CCMPMC1066
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST MAJOR BASIN
Elevation: 0
Water Body Id:
Minor Basin: NEW JERSEY COASTAL MINOR BASIN
ECO Region:
RF1 Index: 02030104
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0185

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/10/93-09/13/93	18	8.	19.111	130.	1.	1105.281	33.246	1.	2.	17.	85.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	05/10/93-09/13/93	18	0.903	0.85	2.114	0.	0.391	0.625	0.	0.301	1.23	1.924
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			7.074								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GATE0186

NPS Station ID: GATE0186
LAT/LON: 40.382781/ -73.980004
Agency: 21NJDEP1
Date Created: 08/08/81
Location: NAVESINK RIVER
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 1000000160 /1020B /SF03043
RMI-Indexes: 0133006
Within Park Boundary: No
RMI-Miles: 0001.60
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST MAJOR BASIN
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA
ECO Region:
RF1 Index: 02030104007
RF1 Mile Point: 1.110
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J.
TIDE CORRECTION (H/L): (+1:09/+1:45)
ASSOCIATED NOAA WEATHER STATION: 4987

Parameter Inventory for Station: GATE0186

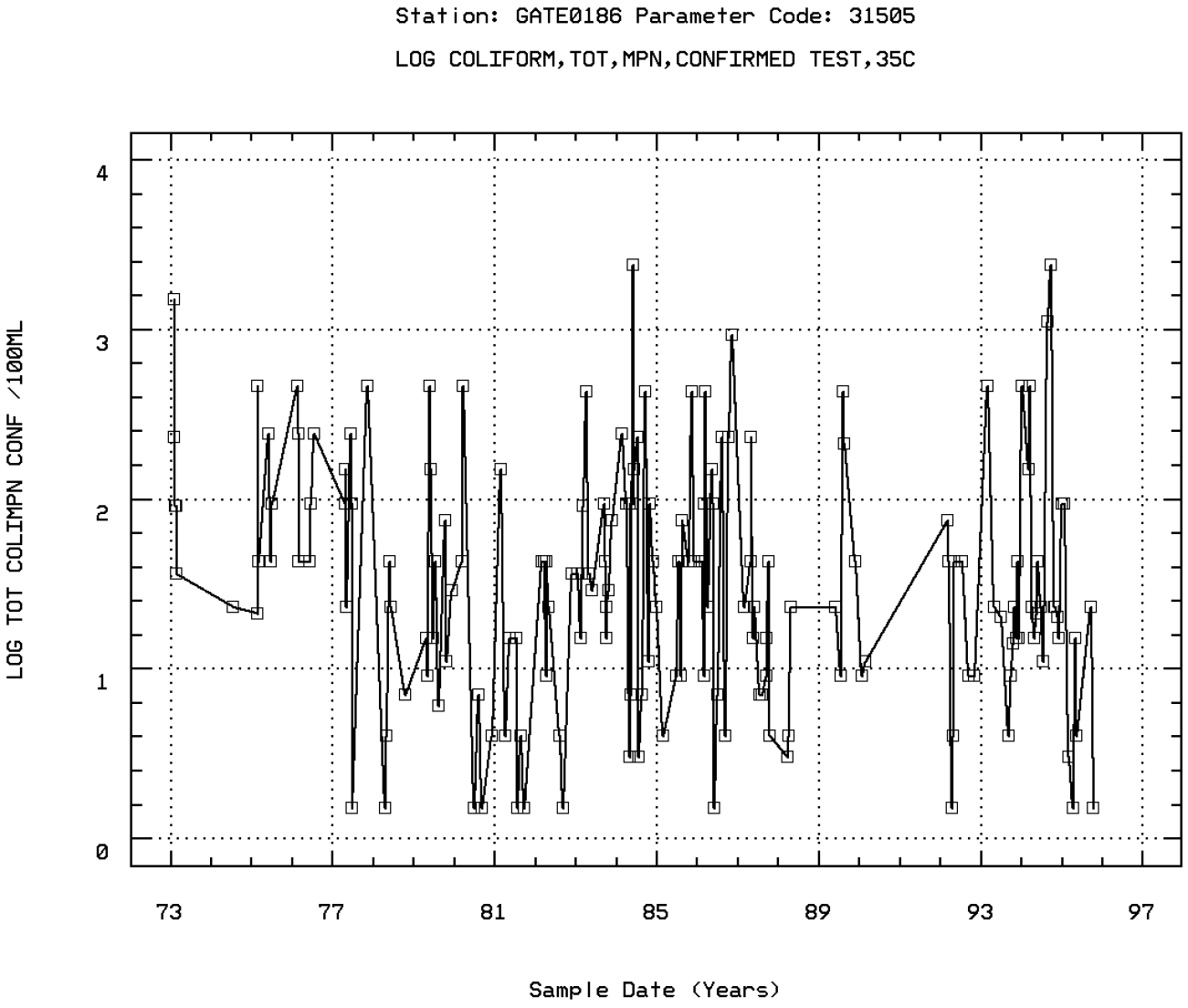
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-10/17/95	53	16.	14.106	28.	0.	66.121	8.131	2.4	5.2	21.1	23.18
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	192	16.5	16.384	32.	0.	61.018	7.811	6.	10.	22.	27.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	210	7.	7.348	20.	0.	22.324	4.725	1.	3.	10.	14.
00480	SALINITY - PARTS PER THOUSAND	06/01/83-04/11/95	73	20.	19.158	27.3	10.	17.88	4.228	12.4	17.	22.05	24.36
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	178	29.	122.744	2400.	1.5	94618.995	307.602	4.	9.	93.	430.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	178	1.462	1.494	3.38	0.176	0.508	0.713	0.602	0.954	1.968	2.633
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			31.22								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	173	9.	47.968	2400.	1.5	36623.544	191.373	1.5	4.	43.	93.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	173	0.954	1.114	3.38	0.176	0.399	0.632	0.176	0.602	1.633	1.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			13.014								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	30	7.3	15.57	93.	1.5	565.041	23.771	1.5	3.	17.	43.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/88-08/08/95	30	0.863	0.848	1.968	0.176	0.288	0.537	0.176	0.477	1.223	1.633
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			7.043								
31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	02/05/73-10/16/78	13	4.	5.615	11.	4.	9.423	3.07	4.	4.	7.5	11.
31678	LOG FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATI	02/05/73-10/16/78	13	0.602	0.703	1.041	0.602	0.037	0.193	0.602	0.602	0.822	1.041
31678	GM FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATIO	GEOMETRIC MEAN =			5.052								
70211p	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	212	11114.	6712.075	11641.	1000.	24917793.018	4991.773	1200.	1322.75	11254.5	11433.7

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

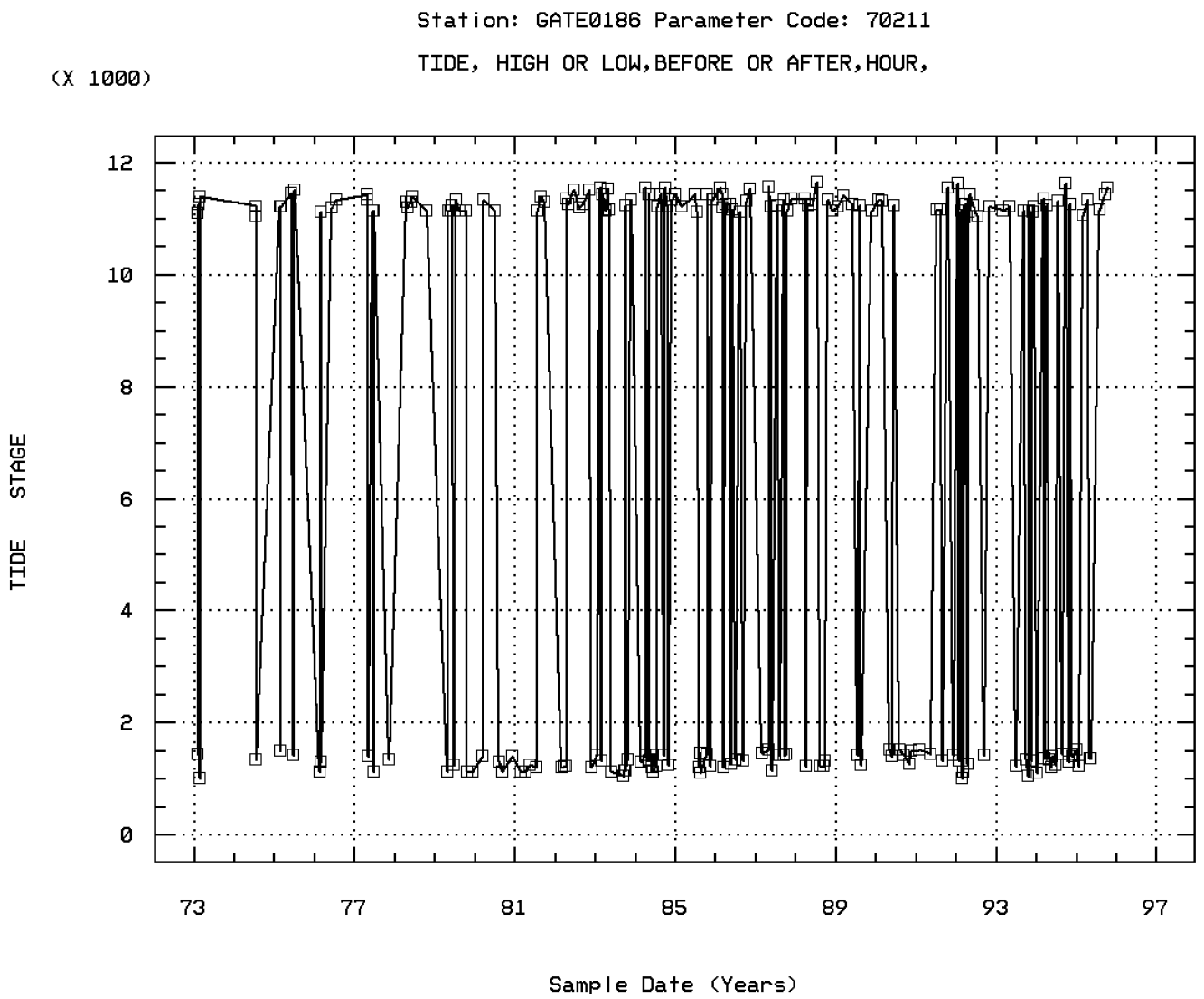
EPA Water Quality Criteria Analysis for Station: GATE0186

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	178	4	0.02	44	2	0.05	57	1	0.02	77	1	0.01			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	173	6	0.03	44	3	0.07	52	2	0.04	77	1	0.01			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



NAVESINK RIVER



NAVESINK RIVER

Annual Analysis for 1973 - Station GATE0186

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	5	4.	3.6	6.	0.	5.3	2.302	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	5	91.	389.6	1500.	36.	390454.3	624.863	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	5	1.959	2.202	3.176	1.556	0.377	0.614	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			159.383								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	5	11100.	7235.	11400.	1000.	30234700.	5498.609	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station GATE0186

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	3	10.	8.333	10.	5.	8.333	2.887	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	3	23.	23.	23.	23.	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	3	1.362	1.362	1.362	1.362	0.	0.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			23.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	3	23.	16.667	23.	4.	120.333	10.97	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	3	1.362	1.109	1.362	0.602	0.192	0.439	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.838								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	3	11045.	7868.333	11215.	1345.	31922633.333	5650.012	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GATE0186

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	6	17.5	15.	20.	5.	40.	6.325	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	6	68.	150.	460.	21.	29397.6	171.457	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	6	1.801	1.933	2.663	1.322	0.257	0.507	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			85.79								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	6	26.	41.5	93.	4.	1791.9	42.331	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	6	1.294	1.329	1.968	0.602	0.363	0.602	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			21.313								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	6	11215.	8048.333	11500.	1415.	26077736.667	5106.637	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station GATE0186

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	3	27.2	26.9	28.	25.5	1.63	1.277	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	4	4.5	3.75	5.	1.	3.583	1.893	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	6	166.5	186.5	460.	43.	26090.7	161.526	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	6	2.174	2.11	2.663	1.633	0.185	0.43	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			128.756								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	6	93.	100.833	240.	43.	5248.167	72.444	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	6	1.968	1.925	2.38	1.633	0.077	0.277	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			84.223								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	5	11115.	7215.	11330.	1130.	30009475.	5478.09	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GATE0186

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	7	18.	19.	28.	10.	78.333	8.851	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	6	4.	4.333	10.	1.	10.267	3.204	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	7	93.	151.5	460.	1.5	24810.583	157.514	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	7	1.968	1.813	2.663	0.176	0.685	0.827	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			65.074								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	7	43.	41.357	93.	1.5	767.226	27.699	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	7	1.633	1.434	1.968	0.176	0.339	0.582	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			27.184								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	7	11130.	6982.857	11430.	1130.	28408557.143	5329.968	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GATE0186

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	5	16.	17.8	24.	12.	25.2	5.02	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	5	5.	5.6	10.	0.	14.3	3.782	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	5	7.	15.7	43.	1.5	303.2	17.413	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	5	0.845	0.924	1.633	0.176	0.341	0.584	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			8.389								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	5	4.	11.1	43.	1.5	319.05	17.862	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	5	0.602	0.698	1.633	0.176	0.304	0.551	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.991								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	5	11300.	11266.	11400.	11130.	10780.	103.827	**	**	**	**

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Annual Analysis for 1979 - Station GATE0186

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	10	21.	19.1	28.	4.	52.989	7.279	4.8	13.5	24.25	27.7
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	10	7.5	7.	12.	2.	17.111	4.137	2.1	3.	10.5	12.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	10	22.	81.3	460.	6.	19667.344	140.24	6.3	10.5	93.75	429.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	10	1.319	1.494	2.663	0.778	0.356	0.597	0.796	1.02	1.95	2.614
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			31.158								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	10	10.	22.25	93.	1.5	776.514	27.866	1.65	7.5	32.5	88.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	10	0.998	1.08	1.968	0.176	0.276	0.525	0.206	0.835	1.505	1.935
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.016								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	10	11130.	7170.	11330.	1130.	26804888.889	5177.344	1130.	1130.	11155.	11320.

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Annual Analysis for 1980 - Station GATE0186

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	6	14.	15.5	27.	6.	77.5	8.803	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	6	6.5	6.5	10.	4.	5.5	2.345	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	6	5.5	86.167	460.	1.5	33794.067	183.832	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	6	0.724	1.016	2.663	0.176	0.941	0.97	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			10.374								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	6	## 2.75	9.75	43.	1.5	270.075	16.434	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	6	## 0.389	0.601	1.633	0.176	0.333	0.577	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.995								

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Annual Analysis for 1980 - Station GATE0186

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	6	1400.	4615.	11330.	1130.	26268670.	5125.297	**	**	**	**

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Annual Analysis for 1981 - Station GATE0186

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	7	20.	21.	31.	10.	41.667	6.455	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	7	10.	9.714	15.	3.	20.571	4.536	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	7	4.	27.286	150.	1.5	2962.488	54.429	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	7	0.602	0.869	2.176	0.176	0.5	0.707	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			7.4								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	7	4.	10.5	43.	1.5	229.	15.133	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	7	0.602	0.684	1.633	0.176	0.325	0.57	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.826								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	7	1230.	5502.857	11400.	1130.	29177257.143	5401.598	**	**	**	**

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Annual Analysis for 1982 - Station GATE0186

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	10	15.5	15.8	26.	4.	43.956	6.63	4.4	11.75	21.25	25.6
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	10	5.5	6.4	15.	1.	18.711	4.326	1.2	3.	10.	14.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	8	29.5	25.313	43.	1.5	335.067	18.305	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	8	1.459	1.194	1.633	0.176	0.312	0.558	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			15.626								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	8	9.	11.5	43.	1.5	182.786	13.52	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	8	0.954	0.828	1.633	0.176	0.246	0.496	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.735								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	10	11224.	7291.	11517.	1200.	27442658.444	5238.574	1200.	1208.25	11395.25	11516.3

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Annual Analysis for 1983 - Station GATE0186

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	14	15.5	13.429	22.	0.	45.802	6.768	2.5	7.5	18.75	21.5
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	14	11.	9.786	15.	1.	27.874	5.28	1.	5.75	15.	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	14	36.	70.5	430.	15.	11351.192	106.542	15.	27.5	79.	261.5
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	14	1.556	1.638	2.633	1.176	0.142	0.377	1.176	1.437	1.896	2.301
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			43.461								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	14	25.5	36.5	93.	9.	1028.885	32.076	9.	11.	55.	92.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	14	1.366	1.408	1.968	0.954	0.145	0.38	0.954	1.041	1.715	1.964
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			25.571								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	14	6271.	6277.786	11546.	1050.	27579371.72	5251.607	1086.5	1147.25	11352.25	11542.

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Annual Analysis for 1984 - Station GATE0186

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	17	19.	18.235	31.	2.	66.566	8.159	6.8	12.	25.	29.4
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	17	9.	8.235	15.	1.	21.191	4.603	1.8	3.5	12.	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	15	93.	259.733	2400.	3.	364475.781	603.718	3.	7.	230.	1218.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	15	1.968	1.742	3.38	0.477	0.712	0.844	0.477	0.845	2.362	2.932
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			55.165								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	15	23.	59.533	430.	1.5	12296.802	110.891	1.5	4.	75.	262.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	15	1.362	1.23	2.633	0.176	0.543	0.737	0.176	0.602	1.875	2.359
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			16.976								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	17	1422.	5452.176	11544.	1119.	26197137.529	5118.314	1184.6	1271.	11377.	11543.2

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Annual Analysis for 1985 - Station GATE0186

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	11	18.	19.273	32.	7.	58.418	7.643	7.8	12.	26.	30.8
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	11	3.	4.909	15.	2.	17.491	4.182	2.	2.	8.	13.8
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	11	43.	69.545	430.	4.	14727.473	121.357	5.	9.	43.	359.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	11	1.633	1.504	2.633	0.602	0.294	0.542	0.672	0.954	1.633	2.482
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			31.943								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	11	9.	23.136	93.	1.5	722.705	26.883	2.	9.	39.	83.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	11	0.954	1.121	1.968	0.176	0.254	0.504	0.261	0.954	1.591	1.901
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			13.199								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	11	11112.	6761.545	11434.	1104.	27531905.873	5247.085	1123.4	1224.	11432.	11433.8

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Annual Analysis for 1986 - Station GATE0186

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	13	19.	16.	29.	5.	74.167	8.612	5.4	6.5	22.5	28.2
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	13	4.	5.538	14.	1.	17.603	4.196	1.	2.5	9.	13.2
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	13	93.	172.577	930.	1.5	67562.327	259.928	2.5	8.	230.	730.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	13	1.968	1.693	2.968	0.176	0.722	0.85	0.346	0.9	2.362	2.834
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			49.336								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	13	23.	83.692	430.	1.5	15685.856	125.243	1.5	5.5	121.5	350.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	13	1.362	1.384	2.633	0.176	0.647	0.805	0.176	0.724	2.072	2.525
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			24.222								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	13	11200.	8222.077	11546.	1201.	23243455.41	4821.147	1223.4	1324.5	11371.	11539.6

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Annual Analysis for 1987 - Station GATE0186

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	8	13.	13.	22.	7.	24.571	4.957	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	12	5.	6.667	15.	1.	27.697	5.263	1.	1.25	11.5	14.7
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	11	15.	38.091	230.	4.	4234.091	65.07	4.6	7.	43.	192.6
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	11	1.176	1.268	2.362	0.602	0.24	0.49	0.651	0.845	1.633	2.216
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			18.546								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	11	7.	9.864	43.	1.5	135.505	11.641	1.8	4.	9.	37.4
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	11	0.845	0.816	1.633	0.176	0.152	0.39	0.236	0.602	0.954	1.542
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.547								

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Annual Analysis for 1987 - Station GATE0186

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	12	6319.	6348.333	11558.	1143.	26813795.515	5178.204	1224.9	1419.5	11305.	11497.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GATE0186

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	10	14.5	15.	26.	6.	42.	6.481	6.3	9.75	19.	25.9
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	10	6.	5.7	10.	0.	7.789	2.791	0.3	4.5	8.	9.8
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	3	4.	10.	23.	3.	127.	11.269	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	3	0.602	0.814	1.362	0.477	0.229	0.479	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			6.511								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	3	4.	9.5	23.	1.5	138.25	11.758	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	3	0.602	0.713	1.362	0.176	0.361	0.601	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.168								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	10	11180.5	7293.4	11641.	1215.	27111918.933	5206.911	1215.1	1223.5	11341.5	11612.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0186

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	7	21.	19.571	28.	5.	74.619	8.638	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	7	5.	6.286	15.	1.	25.905	5.09	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	5	43.	143.	430.	9.	32303.5	179.732	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	5	1.633	1.781	2.633	0.954	0.475	0.689	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			60.398								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	5	15.	100.2	430.	4.	34217.7	184.98	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	5	1.176	1.4	2.633	0.602	0.615	0.784	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			25.111								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	7	11205.	8414.	11418.	1240.	23461266.333	4843.683	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0186

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	9	19.	16.556	25.	5.	53.778	7.333	5.	8.5	22.5	25.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	9	10.	9.778	15.	4.	17.194	4.147	4.	6.	14.5	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	2	10.	10.	11.	9.	2.	1.414	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	2	0.998	0.998	1.041	0.954	0.004	0.062	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			9.95								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	2	8.	8.	9.	7.	2.	1.414	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	2	0.9	0.9	0.954	0.845	0.006	0.077	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.937								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	9	1507.	4717.222	11332.	1250.	24310437.694	4930.562	1250.	1408.	11269.5	11332.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0186

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	7	24.	20.286	30.	6.	88.905	9.429	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	7	8.	7.857	14.	1.	17.143	4.14	**	**	**	**
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	7	1513.	5647.	11546.	1314.	27847058.667	5277.031	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0186

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	14	9.5	12.571	29.	3.	65.187	8.074	4.	6.	19.25	26.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	14	7.5	7.214	15.	1.	21.72	4.66	1.	2.	10.5	14.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	8	26.	28.438	75.	1.5	697.531	26.411	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	8	1.294	1.183	1.875	0.176	0.363	0.603	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			15.232								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	8	9.	18.25	75.	1.5	600.143	24.498	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	8	0.954	0.933	1.875	0.176	0.359	0.599	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.564								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	14	11070.5	7653.929	11626.	1003.	24798792.841	4979.839	1057.5	1298.5	11243.25	11532.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station GATE0186

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	10	13.5	15.2	32.	5.	63.511	7.969	5.4	9.	20.25	31.2
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	10	5.5	6.2	14.	1.	16.622	4.077	1.2	3.	8.25	13.8
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	10	17.5	62.6	460.	4.	19606.933	140.025	4.5	12.75	28.	418.3
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	10	1.239	1.338	2.663	0.602	0.291	0.54	0.637	1.098	1.43	2.56
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			21.754								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	10	8.	9.35	23.	1.5	58.447	7.645	1.75	4.	12.5	23.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	10	0.9	0.841	1.362	0.176	0.133	0.364	0.219	0.602	1.056	1.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.94								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	10	11120.	7185.4	11221.	1050.	26278695.378	5126.275	1066.5	1298.25	11152.	11220.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station GATE0186

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	15	15.	14.533	27.	0.	61.981	7.873	3.	7.	20.	27.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	15	10.	7.6	14.	1.	29.971	5.475	1.	1.	14.	14.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	15	23.	319.133	2400.	11.	420956.124	648.811	13.4	20.	460.	1620.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	15	1.362	1.801	3.38	1.041	0.593	0.77	1.122	1.301	2.663	3.177
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			63.294								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	15	15.	185.267	2400.	3.	377040.352	614.036	3.6	4.	23.	1050.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	15	1.176	1.25	3.38	0.477	0.601	0.775	0.552	0.602	1.362	2.658
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			17.799								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	15	1403.	4665.533	11622.	1110.	23970372.695	4895.955	1164.	1302.	11246.	11458.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station GATE0186

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	9	13.	12.	24.	1.	70.25	8.382	1.	2.5	19.	24.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	9	10.	10.667	14.	2.	14.	3.742	2.	10.	14.	14.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	8	9.5	29.25	93.	1.5	1605.286	40.066	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	8	0.889	0.988	1.968	0.176	0.547	0.739	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			9.733								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	8	9.5	23.	93.	1.5	1007.071	31.734	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	8	0.889	0.946	1.968	0.176	0.467	0.683	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.839								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	9	11056.	6884.111	11549.	1212.	27492932.861	5243.37	1212.	1354.	11383.	11549.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0186

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	52	20.	20.135	32.	11.	29.021	5.387	12.	16.	24.	27.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	55	6.	6.727	15.	0.	21.387	4.625	1.	3.	10.	14.4
00480	SALINITY - PARTS PER THOUSAND	06/01/83-04/11/95	24	22.	22.033	26.6	19.	5.107	2.26	19.	20.	24.	25.55
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	44	15.	133.273	2400.	1.5	156987.715	396.217	2.75	7.	67.	330.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	44	1.176	1.336	3.38	0.176	0.595	0.771	0.389	0.845	1.815	2.498
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			21.66								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	44	9.	87.466	2400.	1.5	132906.446	364.563	1.5	4.	23.	121.5
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	44	0.954	1.042	3.38	0.176	0.524	0.724	0.176	0.602	1.362	2.072
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.008								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	10	3.6	13.28	43.	1.5	287.544	16.957	1.5	1.5	28.	43.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/88-08/08/95	10	0.556	0.771	1.633	0.176	0.346	0.588	0.176	0.176	1.43	1.633
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			5.896								
70211p	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	55	1445.	6018.127	11622.	1050.	25400811.706	5039.922	1135.4	1302.	11234.	11433.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0186

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	60	7.	7.883	19.	0.	16.851	4.105	3.	5.	10.	13.9
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	69	8.	8.232	20.	0.	24.21	4.92	1.	4.	13.	15.
00480	SALINITY - PARTS PER THOUSAND	06/01/83-04/11/95	18	18.	18.161	25.	10.	19.106	4.371	11.8	14.75	22.2	24.64
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	57	43.	159.474	1500.	3.	68241.611	261.231	9.	22.	190.	460.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	57	1.633	1.758	3.176	0.477	0.421	0.649	0.954	1.342	2.269	2.663
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			57.24								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	52	23.	41.394	430.	1.5	4740.817	68.854	3.3	7.5	43.	93.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	52	1.362	1.264	2.633	0.176	0.327	0.572	0.515	0.872	1.633	1.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			18.35								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	12	8.2	22.375	93.	1.5	1123.062	33.512	1.95	3.6	21.	93.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/88-08/08/95	12	0.911	0.99	1.968	0.176	0.311	0.558	0.266	0.556	1.315	1.968
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			9.782								
70211p	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	71	11100.	6644.718	11626.	1000.	25235947.234	5023.539	1144.	1322.	11324.	11436.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

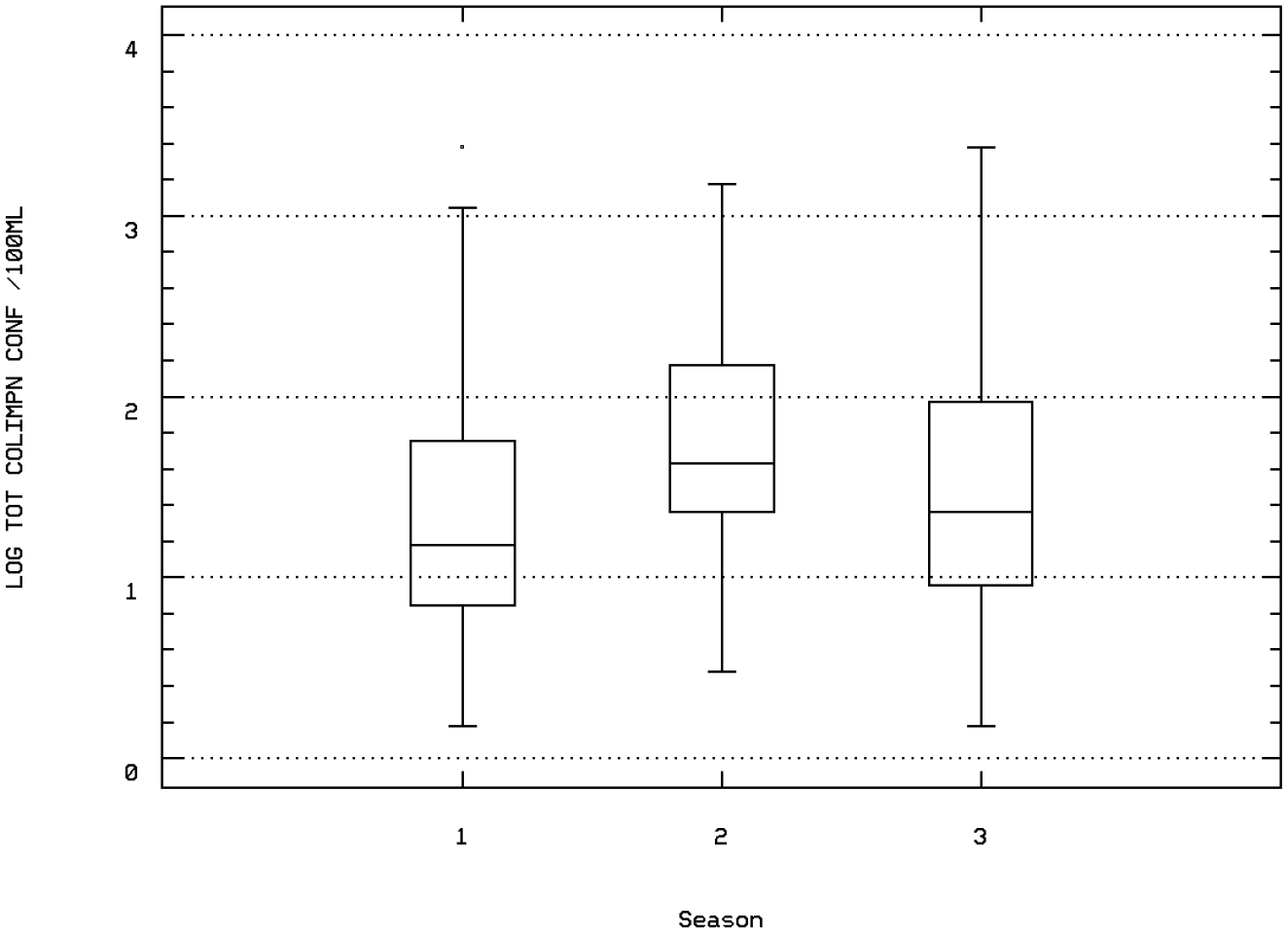
Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0186

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	80	20.5	20.321	32.	8.	36.365	6.03	12.	15.	26.	28.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	86	6.	7.035	20.	0.	20.952	4.577	1.7	3.	10.	14.
00480	SALINITY - PARTS PER THOUSAND	06/01/83-04/11/95	31	18.	17.51	27.3	10.	18.152	4.261	10.6	15.	20.	23.04
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	77	23.	89.539	2400.	1.5	79064.308	281.184	2.7	9.	93.	230.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	77	1.362	1.39	3.38	0.176	0.46	0.678	0.417	0.954	1.968	2.362
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			24.563								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	77	9.	29.838	430.	1.5	3240.648	56.927	1.5	4.	36.	93.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	77	0.954	1.055	2.633	0.176	0.366	0.605	0.176	0.602	1.556	1.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.355								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	8	6.35	8.225	23.	1.5	57.839	7.605	**	**	**	**
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/88-08/08/95	8	0.758	0.73	1.362	0.176	0.202	0.449	**	**	**	**
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			5.373								
70211p	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	86	11130.	7211.488	11641.	1119.	24367488.206	4936.344	1200.7	1340.5	11252.	11434.5

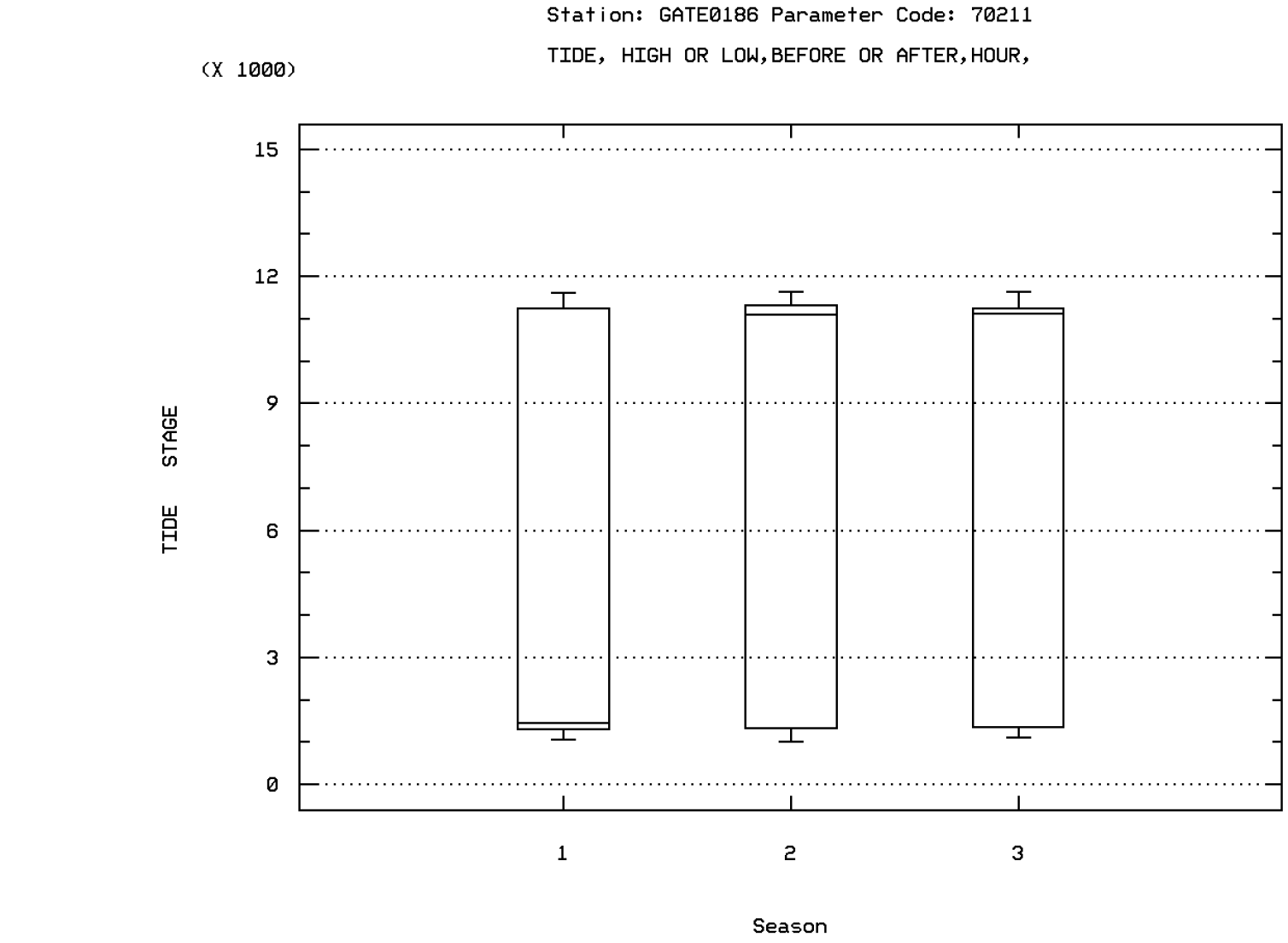
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: GATE0186 Parameter Code: 31505

LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C



NAVESINK RIVER



NAVESINK RIVER

Station Inventory for Station: GATE0187

NPS Station ID: GATE0187 LAT/LON: 40.405004/ -73.980281 Agency: 21NJDEP1 Date Created: 04/04/81
Location: SANDY HOOK BAY FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): L6973536773 /902B /SF02036
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 02030104 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST MAJOR BASIN Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA ECO Region:
RF1 Index: 02030104006 RF1 Mile Point: 9.010 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J. TIDE CORRECTION (H/L): (-0:01/ 0:00)
ASSOCIATED NOAA WEATHER STATION: 7865

Parameter Inventory for Station: GATE0187

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/28/77-05/18/92	40	18.	16.125	25.	0.	43.804	6.618	6.1	10.25	21.75	23.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	141	18.	18.872	36.	0.	72.612	8.521	8.	12.	26.	30.
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	143	4.	4.559	15.	0.	11.474	3.387	1.	2.	7.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	126	23.	124.337	4600.	1.5	229940.859	479.521	4.	7.	79.	150.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	126	1.362	1.374	3.663	0.176	0.489	0.699	0.602	0.845	1.896	2.176
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			23.676								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	125	9.	23.008	460.	1.5	2660.835	51.583	1.5	4.	23.	43.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	125	0.954	0.98	2.663	0.176	0.283	0.532	0.176	0.602	1.362	1.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.56								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/15/90-05/18/92	18	3.6	6.133	23.	1.5	32.475	5.699	1.5	3.6	7.75	15.8
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	05/15/90-05/18/92	18	0.556	0.661	1.362	0.176	0.102	0.319	0.176	0.556	0.887	1.195
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			4.582								
31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	01/06/78-12/01/78	7	4.	4.	4.	4.	0.	0.	**	**	**	**
31678	LOG FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATI	01/06/78-12/01/78	7	0.602	0.602	0.602	0.602	0.	0.	**	**	**	**
31678	GM FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATIO	GEOMETRIC MEAN =			4.								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	144	11154.5	7162.222	11622.	1112.	24057580.58	4904.853	1303.	1415.	11305.75	11431.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0187

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	126	4	0.03	28	0	0.00	38	4	0.11	60	0	0.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	125	3	0.02	28	0	0.00	37	2	0.05	60	1	0.02			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1977 - Station GATE0187

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	10	26.	24.9	30.	10.	32.1	5.666	11.4	24.	28.25	29.9
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	9	3.	4.111	15.	1.	21.361	4.622	1.	1.	5.5	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	10	33.	138.	1100.	4.	114961.778	339.06	4.3	8.5	55.5	999.3
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	10	1.498	1.485	3.041	0.602	0.478	0.692	0.626	0.927	1.717	2.934
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			30.546								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	10	16.	18.8	43.	4.	221.511	14.883	4.	6.25	28.	43.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	10	1.158	1.131	1.633	0.602	0.152	0.39	0.602	0.784	1.43	1.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			13.52								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	10	11300.	9353.5	11600.	1300.	17961355.833	4238.084	1303.	8755.	11418.75	11583.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GATE0187

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	7	16.	19.	32.	6.	95.667	9.781	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	7	5.	4.143	10.	0.	10.81	3.288	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	7	93.	454.857	2400.	15.	759514.476	871.501	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	7	1.968	2.051	3.38	1.176	0.596	0.772	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			112.528								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	7	23.	50.857	240.	4.	7143.143	84.517	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	7	1.362	1.312	2.38	0.602	0.381	0.617	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			20.532								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	7	11230.	7060.	11400.	1315.	27839641.667	5276.328	**	**	**	**

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Annual Analysis for 1979 - Station GATE0187

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	9	26.	26.556	36.	15.	45.778	6.766	15.	22.	32.	36.
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	9	5.	4.889	10.	2.	6.611	2.571	2.	2.5	6.5	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	9	23.	78.778	460.	9.	21158.194	145.459	9.	9.	68.	460.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	9	1.362	1.492	2.663	0.954	0.32	0.566	0.954	0.954	1.801	2.663
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			31.011								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	9	14.	66.833	460.	1.5	21992.25	148.298	1.5	4.	43.	460.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	9	1.146	1.197	2.663	0.176	0.546	0.739	0.176	0.602	1.633	2.663
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			15.736								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	9	11230.	6940.556	11545.	1315.	27814352.778	5273.931	1315.	1357.5	11422.5	11545.

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Annual Analysis for 1980 - Station GATE0187

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	6	18.5	17.167	28.	0.	108.967	10.439	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	6	1.5	3.	10.	0.	16.	4.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	6	15.	269.333	1100.	11.	197430.667	444.332	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	6	1.176	1.712	3.041	1.041	0.797	0.892	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			51.559								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	6	8.	22.833	93.	3.	1223.367	34.977	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	6	0.9	1.028	1.968	0.477	0.299	0.547	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.671								

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Annual Analysis for 1980 - Station GATE0187

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	6	11330.	8084.167	11530.	1315.	26761084.167	5173.112	**	**	**	**

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Annual Analysis for 1981 - Station GATE0187

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	11	15.	16.364	30.	6.	70.255	8.382	6.2	9.	23.	29.8
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	11	3.	3.636	10.	0.	10.055	3.171	0.	1.	7.	9.4
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	11	9.	19.818	93.	1.5	734.314	27.098	1.5	4.	23.	83.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	11	0.954	0.986	1.968	0.176	0.312	0.559	0.176	0.602	1.362	1.901
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			9.686								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	11	4.	7.818	23.	1.5	62.514	7.907	1.5	3.	9.	23.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	11	0.602	0.715	1.362	0.176	0.164	0.405	0.176	0.477	0.954	1.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.193								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	11	1456.	4087.909	11300.	1228.	21327285.091	4618.147	1228.4	1333.	11230.	11300.

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Annual Analysis for 1982 - Station GATE0187

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	10	17.	17.7	35.	9.	59.344	7.704	9.2	11.75	20.5	34.
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	10	5.	4.9	8.	1.	4.989	2.234	1.2	3.	6.5	8.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	10	39.5	56.8	150.	4.	2245.733	47.389	4.5	13.5	91.5	144.3
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	10	1.595	1.554	2.176	0.602	0.256	0.506	0.637	1.121	1.961	2.155
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			35.819								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	9	15.	14.222	36.	4.	98.194	9.909	4.	6.5	18.	36.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	9	1.176	1.058	1.556	0.602	0.1	0.316	0.602	0.778	1.249	1.556
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.421								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	10	6415.5	6383.5	11504.	1318.	27503586.5	5244.386	1320.5	1387.25	11333.25	11487.6

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Annual Analysis for 1983 - Station GATE0187

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	11	16.	17.727	29.	7.	47.018	6.857	7.8	12.	23.	28.4
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	11	5.	5.273	10.	1.	11.018	3.319	1.2	2.	8.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	11	36.	39.	93.	4.	1339.4	36.598	4.	4.	91.	93.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	11	1.556	1.335	1.968	0.602	0.31	0.556	0.602	0.602	1.959	1.968
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			21.637								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	11	15.	18.318	43.	1.5	206.914	14.384	2.	4.	36.	41.6
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	11	1.176	1.088	1.633	0.176	0.216	0.464	0.261	0.602	1.556	1.618
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.253								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	11	1554.	5926.	11551.	1241.	27177154.	5213.171	1253.	1301.	11418.	11530.6

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Annual Analysis for 1984 - Station GATE0187

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	15	17.	16.933	30.	4.	69.924	8.362	5.2	8.	23.	29.4
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	15	5.	5.867	12.	1.	13.695	3.701	1.6	3.	10.	11.4
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	15	23.	59.	430.	1.5	11591.536	107.664	1.5	4.	75.	227.8
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	15	1.362	1.255	2.633	0.176	0.556	0.746	0.176	0.602	1.875	2.234
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			18.002								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	15	7.	13.767	43.	1.5	199.138	14.112	1.5	3.	23.	40.6
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	15	0.845	0.879	1.633	0.176	0.274	0.523	0.176	0.477	1.362	1.608
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.565								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	15	11137.	9227.533	11410.	1317.	16401603.552	4049.889	1342.2	11003.	11246.	11369.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GATE0187

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	10	18.5	19.6	31.	9.	59.378	7.706	9.1	13.	26.5	30.7
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	10	4.5	4.6	9.	1.	8.489	2.914	1.1	2.	8.	8.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	10	23.	489.6	4600.	4.	2086932.267	1444.622	4.3	8.5	93.	4149.3
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	10	1.362	1.541	3.663	0.602	0.747	0.864	0.626	0.927	1.968	3.493
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			34.742								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	10	9.	34.25	230.	1.5	4887.181	69.908	1.75	4.	28.	211.3
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	10	0.954	1.042	2.362	0.176	0.395	0.629	0.219	0.602	1.43	2.289
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.025								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	10	11157.	7294.9	11343.	1201.	26089824.1	5107.82	1213.2	1392.	11311.	11341.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GATE0187

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	10	13.5	17.3	32.	4.	121.122	11.006	4.2	7.5	29.	31.7
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	10	3.	4.8	12.	1.	19.067	4.367	1.	1.75	10.25	11.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	10	43.	94.65	430.	1.5	18527.669	136.116	1.75	4.	127.25	410.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	10	1.633	1.485	2.633	0.176	0.645	0.803	0.219	0.602	2.067	2.606
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			30.532								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	10	6.5	24.45	93.	1.5	893.025	29.884	1.75	4.	43.	88.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	10	0.778	1.037	1.968	0.176	0.377	0.614	0.219	0.602	1.633	1.935
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.877								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	10	6233.5	6266.6	11622.	1149.	28397522.933	5328.933	1155.	1209.75	11249.25	11592.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GATE0187

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	7	15.	17.286	33.	9.	69.571	8.341	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	10	2.	3.6	9.	1.	10.933	3.307	1.	1.	8.	8.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	10	43.	46.35	93.	1.5	1779.447	42.183	1.75	7.75	93.	93.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	10	1.458	1.338	1.968	0.176	0.449	0.67	0.219	0.866	1.968	1.968
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			21.795								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	10	9.	19.9	93.	1.5	820.711	28.648	1.5	3.375	28.	88.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	10	0.954	0.947	1.968	0.176	0.347	0.589	0.176	0.496	1.43	1.935
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.851								

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Annual Analysis for 1987 - Station GATE0187

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	10	11207.5	10218.3	11446.	1320.	9792397.344	3129.281	2288.9	11024.75	11267.75	11436.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GATE0187

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	8	21.	19.	31.	2.	114.857	10.717	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	8	4.	4.75	12.	1.	11.357	3.37	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	8	4.	7.313	23.	1.5	47.067	6.861	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	8	0.602	0.732	1.362	0.176	0.125	0.353	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			5.393								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	8	4.	4.	9.	1.5	5.357	2.315	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	8	0.602	0.54	0.954	0.176	0.065	0.255	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.464								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	8	6286.5	6366.625	11504.	1348.	27685831.982	5261.733	**	**	**	**

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Annual Analysis for 1989 - Station GATE0187

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	7	18.	17.571	29.	1.	97.952	9.897	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	7	2.	3.143	8.	1.	7.143	2.673	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	7	23.	43.571	150.	4.	2738.619	52.332	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	7	1.362	1.379	2.176	0.602	0.278	0.527	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			23.934								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	7	9.	21.143	75.	4.	759.143	27.553	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	7	0.954	1.032	1.875	0.602	0.273	0.523	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.762								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	7	1527.	5698.143	11428.	1354.	27985259.143	5290.11	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0187

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	8	19.5	20.5	31.	10.	70.857	8.418	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	8	3.5	3.625	8.	1.	5.696	2.387	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	2	4.	4.	4.	4.	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	2	0.602	0.602	0.602	0.602	0.	0.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			4.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	2 ##	2.75	2.75	4.	1.5	3.125	1.768	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	2 ##	0.389	0.389	0.602	0.176	0.091	0.301	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.449								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	8	6295.	6301.375	11414.	1305.	27960174.554	5287.738	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0187

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	8	17.5	18.625	30.	11.	50.268	7.09	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	8	6.5	6.125	12.	1.	17.839	4.224	**	**	**	**
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	8	11214.5	7628.75	11533.	1300.	26126396.5	5111.399	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0187

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	4	12.	13.25	22.	7.	50.25	7.089	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	4	4.	5.25	12.	1.	22.25	4.717	**	**	**	**
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	4	6320.5	6243.75	11222.	1112.	32342464.25	5687.044	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0187

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	31	23.	21.935	36.	7.	50.996	7.141	11.6	16.	27.	30.8
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	33	4.	4.909	12.	1.	10.085	3.176	1.4	2.	7.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	28	9.	27.393	150.	1.5	1368.358	36.991	1.5	4.	41.25	93.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	28	0.954	1.062	2.176	0.176	0.37	0.608	0.176	0.602	1.614	1.968
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			11.546								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	28	4.	13.696	93.	1.5	401.488	20.037	1.5	2.125	15.	43.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	28	0.602	0.814	1.968	0.176	0.276	0.526	0.176	0.283	1.176	1.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.521								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	33	11135.	7073.273	11504.	1228.	24440919.455	4943.776	1302.6	1435.	11235.	11425.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0187

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	45	10.	9.911	17.	0.	17.401	4.171	4.	7.5	12.	16.
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	45	4.	4.711	12.	0.	14.846	3.853	1.	1.	8.	10.4
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	38	36.	290.013	4600.	1.5	715311.263	845.761	3.75	4.	93.	1100.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	38	1.556	1.526	3.663	0.176	0.779	0.882	0.559	0.602	1.968	3.041
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			33.555								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	37	9.	27.797	240.	1.5	2756.354	52.501	1.5	4.	37.5	43.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	37	0.954	1.024	2.38	0.176	0.353	0.594	0.176	0.602	1.574	1.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.57								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	45	11017.	6894.756	11600.	1112.	24876230.916	4987.608	1309.	1416.	11308.5	11469.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0187

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	65	26.	23.615	35.	10.	39.115	6.254	14.6	18.5	28.5	30.4
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	65	3.	4.277	15.	0.	10.047	3.17	1.	2.	6.	9.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	60	23.	64.65	460.	4.	12189.791	110.407	4.	9.	75.	144.3
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	60	1.362	1.424	2.663	0.602	0.315	0.561	0.602	0.954	1.875	2.155
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			26.542								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	60	9.	24.4	460.	1.5	3669.185	60.574	4.	4.	23.	43.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	60	0.954	1.031	2.663	0.176	0.236	0.486	0.602	0.602	1.362	1.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.742								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	66	11208.5	7389.061	11622.	1149.	23949139.104	4893.786	1282.9	1407.5	11326.	11430.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0188

NPS Station ID: GATE0188
LAT/LON: 40.396115/ -73.980560
Agency: 1111H030
Date Created: / /
Location: SHREWSBURY RIVER (S32)
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): 402346007358500/S32
RMI-Indexes: 0133006
Within Park Boundary: No
RMI-Miles: 0000.80
HUC: 02030104
Depth of Water: 20
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON N.Y. METROPOLI
ECO Region:
RF1 Index: 02030104006
RF1 Mile Point: 9.250
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
SAMPLING POINT LOCATED IN SHREWSBURY RIVER AT RTE 36 BRIDGE EAST OF HIGHLANDS.

Parameter Inventory for Station: GATE0188

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/30/66-08/29/66	6	25.85	26.283	29.5	24.3	4.258	2.063	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/30/66-08/29/66	6	29.25	29.25	30.5	28.	1.875	1.369	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	08/29/66-08/29/66	3	60.	60.	60.	60.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/29/66-08/29/66	3	41300.	41300.	41300.	41300.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/30/66-08/29/66	2	7.15	7.15	8.	6.3	1.445	1.202	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	06/30/66-06/30/66	1	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	06/30/66-08/29/66	2	7.5	7.5	7.6	7.4	0.02	0.141	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/30/66-08/29/66	2	7.489	7.489	7.6	7.4	0.02	0.142	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/30/66-08/29/66	2	0.032	0.032	0.04	0.025	0.	0.01	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/30/66-06/30/66	1	85.	85.	85.	85.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/30/66-06/30/66	1	0.28	0.28	0.28	0.28	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/29/66-08/29/66	1	0.28	0.28	0.28	0.28	0.	0.	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	06/30/66-08/29/66	2	0.825	0.825	0.91	0.74	0.014	0.12	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/30/66-06/30/66	3	6.5	6.367	6.7	5.9	0.173	0.416	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/30/66-08/29/66	6	14400.	14400.	15400.	13400.	1200000.	1095.445	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/30/66-08/29/66	2	19.	19.	24.	14.	50.	7.071	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/30/66-08/29/66	2	1.263	1.263	1.38	1.146	0.027	0.166	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			18.33								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/30/66-08/29/66	2	3.	3.	4.	2.	2.	1.414	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/30/66-08/29/66	2	0.452	0.452	0.602	0.301	0.045	0.213	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.828								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/30/66-08/29/66	2 ##	5.5	5.5	10.	1.	40.5	6.364	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/30/66-08/29/66	2 ##	0.5	0.5	1.	0.	0.5	0.707	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			3.162								
70305	SALINITY BASED ON CONDUCTIVITY	08/29/66-08/29/66	3	27.	27.067	27.2	27.	0.013	0.115	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0188

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	1	0	0.00				1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: GATE0188

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Other-Hi Lim.	9.	2	0	0.00	1	0	0.00				1	0	0.00			
		Other-Lo Lim.	6.5	2	0	0.00	1	0	0.00				1	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	0	0.00	1	0	0.00				1	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	2	0	0.00	1	0	0.00				1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0189

NPS Station ID: GATE0189
LAT/LON: 40.383892/ -73.980837
Agency: 21NJDEP1
Date Created: 08/08/81
Location: NAVESINK RIVER
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 1000000150 /1020A /SF03044
RMI-Indexes: 0133006
Within Park Boundary: No
RMI-Miles: 0001.50
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST MAJOR BASIN
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA
ECO Region:
RF1 Index: 02030104007
RF1 Mile Point: 1.110
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J.
TIDE CORRECTION (H/L): (+1:09/+1:45)
ASSOCIATED NOAA WEATHER STATION: 4987

Parameter Inventory for Station: GATE0189

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-10/24/94	53	16.	14.106	28.	0.	66.121	8.131	2.4	5.2	21.1	23.18
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/24/94	80	18.	17.034	32.	0.	61.977	7.873	6.	10.25	24.	27.92
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/24/94	94	6.	7.074	20.	0.	23.08	4.804	1.	3.	10.	14.
00480	SALINITY - PARTS PER THOUSAND	06/06/79-05/10/83	36	19.	19.053	27.1	10.	19.792	4.449	11.7	16.6	22.	25.2
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/24/94	95	43.	183.147	4600.	1.5	332561.159	576.681	3.6	9.	150.	240.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/24/94	95	1.633	1.578	3.663	0.176	0.585	0.765	0.552	0.954	2.176	2.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			37.819								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/24/94	95	15.	59.553	2400.	1.5	62723.013	250.446	1.5	4.	43.	93.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/24/94	95	1.176	1.122	3.38	0.176	0.457	0.676	0.176	0.602	1.633	1.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			13.257								
31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	07/17/74-10/16/78	8	4.	6.625	11.	4.	13.125	3.623	**	**	**	**
31678	LOG FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATI	07/17/74-10/16/78	8	0.602	0.767	1.041	0.602	0.052	0.227	**	**	**	**
31678	GM FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATIO	GEOMETRIC MEAN =			5.845								
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	02/22/90-02/22/90	1	## 0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	02/22/90-02/22/90	1	## 0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
32104	BROMOFORM,WHOLE WATER,UG/L	02/22/90-02/22/90	1	## 1.45	1.45	1.45	1.45	0.	0.	**	**	**	**
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	02/22/90-02/22/90	1	## 0.85	0.85	0.85	0.85	0.	0.	**	**	**	**
32106	CHLOROFORM,WHOLE WATER,UG/L	02/22/90-02/22/90	1	## 0.55	0.55	0.55	0.55	0.	0.	**	**	**	**
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	02/22/90-02/22/90	1	## 0.465	0.465	0.465	0.465	0.	0.	**	**	**	**
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	02/22/90-02/22/90	1	## 0.32	0.32	0.32	0.32	0.	0.	**	**	**	**
34200	ACENAPHTHYLENE TOTWUG/L	02/22/90-02/22/90	1	## 2.3	2.3	2.3	2.3	0.	0.	**	**	**	**
34205	ACENAPHTHENE TOTWUG/L	02/22/90-02/22/90	1	## 1.75	1.75	1.75	1.75	0.	0.	**	**	**	**
34220	ANTHRACENE TOTWUG/L	02/22/90-02/22/90	1	## 3.	3.	3.	3.	0.	0.	**	**	**	**
34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	02/22/90-02/22/90	1	## 2.4	2.4	2.4	2.4	0.	0.	**	**	**	**
34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	02/22/90-02/22/90	1	## 3.25	3.25	3.25	3.25	0.	0.	**	**	**	**
34247	BENZO-A-PYRENE TOTWUG/L	02/22/90-02/22/90	1	## 1.15	1.15	1.15	1.15	0.	0.	**	**	**	**
34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	02/22/90-02/22/90	1	## 2.65	2.65	2.65	2.65	0.	0.	**	**	**	**
34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	02/22/90-02/22/90	1	## 2.65	2.65	2.65	2.65	0.	0.	**	**	**	**
34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	02/22/90-02/22/90	1	## 2.35	2.35	2.35	2.35	0.	0.	**	**	**	**
34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	02/22/90-02/22/90	1	## 0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
34301	CHLOROBENZENE TOTWUG/L	02/22/90-02/22/90	1	## 0.75	0.75	0.75	0.75	0.	0.	**	**	**	**
34311	CHLOROETHANE TOTWUG/L	02/22/90-02/22/90	1	## 0.66	0.66	0.66	0.66	0.	0.	**	**	**	**
34320	CHRYSENE TOTWUG/L	02/22/90-02/22/90	1	## 2.5	2.5	2.5	2.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GATE0189

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34336	DIETHYL PHTHALATE TOTWUG/L	02/22/90-02/22/90	1 ##	0.65	0.65	0.65	0.65	0.	0.	**	**	**	**
34341	DIMETHYL PHTHALATE TOTWUG/L	02/22/90-02/22/90	1 ##	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
34346	1,2-DIPHENYLHYDRAZINE TOTWUG/L	02/22/90-02/22/90	1 ##	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	02/22/90-02/22/90	1 ##	0.785	0.785	0.785	0.785	0.	0.	**	**	**	**
34376	FLUORANTHENE TOTWUG/L	02/22/90-02/22/90	1 ##	2.7	2.7	2.7	2.7	0.	0.	**	**	**	**
34381	FLUORENE TOTWUG/L	02/22/90-02/22/90	1 ##	2.05	2.05	2.05	2.05	0.	0.	**	**	**	**
34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	02/22/90-02/22/90	1 ##	2.6	2.6	2.6	2.6	0.	0.	**	**	**	**
34391	HEXACHLOROBUTADIENE TOTWUG/L	02/22/90-02/22/90	1 ##	1.65	1.65	1.65	1.65	0.	0.	**	**	**	**
34396	HEXACHLOROETHANE TOTWUG/L	02/22/90-02/22/90	1 ##	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	02/22/90-02/22/90	1 ##	3.1	3.1	3.1	3.1	0.	0.	**	**	**	**
34408	ISOPHORONE TOTWUG/L	02/22/90-02/22/90	1 ##	2.45	2.45	2.45	2.45	0.	0.	**	**	**	**
34413	METHYL BROMIDE TOTWUG/L	02/22/90-02/22/90	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
34418	METHYL CHLORIDE TOTWUG/L	02/22/90-02/22/90	1 ##	0.72	0.72	0.72	0.72	0.	0.	**	**	**	**
34423	METHYLENE CHLORIDE TOTWUG/L	02/22/90-02/22/90	1 ##	0.61	0.61	0.61	0.61	0.	0.	**	**	**	**
34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	02/22/90-02/22/90	1 ##	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
34433	N-NITROSODIPHENYLAMINE TOTWUG/L	02/22/90-02/22/90	1 ##	2.15	2.15	2.15	2.15	0.	0.	**	**	**	**
34438	N-NITROSODIMETHYLAMINE TOTWUG/L	02/22/90-02/22/90	1 ##	7.95	7.95	7.95	7.95	0.	0.	**	**	**	**
34447	NITROBENZENE TOTWUG/L	02/22/90-02/22/90	1 ##	2.9	2.9	2.9	2.9	0.	0.	**	**	**	**
34452	PARACHLOROMETA CRESOL TOTWUG/L	02/22/90-02/22/90	1 ##	9.2	9.2	9.2	9.2	0.	0.	**	**	**	**
34461	PHENANTHRENE TOTWUG/L	02/22/90-02/22/90	1 ##	3.6	3.6	3.6	3.6	0.	0.	**	**	**	**
34469	PYRENE TOTWUG/L	02/22/90-02/22/90	1 ##	2.45	2.45	2.45	2.45	0.	0.	**	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	02/22/90-02/22/90	1 ##	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	02/22/90-02/22/90	1 ##	0.395	0.395	0.395	0.395	0.	0.	**	**	**	**
34496	1,1-DICHLOROETHANE TOTWUG/L	02/22/90-02/22/90	1 ##	0.475	0.475	0.475	0.475	0.	0.	**	**	**	**
34501	1,1-DICHLOROETHYLENE TOTWUG/L	02/22/90-02/22/90	1 ##	0.36	0.36	0.36	0.36	0.	0.	**	**	**	**
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	02/22/90-02/22/90	1 ##	0.425	0.425	0.425	0.425	0.	0.	**	**	**	**
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	02/22/90-02/22/90	1 ##	0.535	0.535	0.535	0.535	0.	0.	**	**	**	**
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	02/22/90-02/22/90	1 ##	0.435	0.435	0.435	0.435	0.	0.	**	**	**	**
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	02/22/90-02/22/90	1 ##	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	02/22/90-02/22/90	1 ##	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
34531	1,2-DICHLOROETHANE TOTWUG/L	02/22/90-02/22/90	1 ##	0.325	0.325	0.325	0.325	0.	0.	**	**	**	**
34536	1,2-DICHLOROBENZENE TOTWUG/L	02/22/90-02/22/90	1 ##	0.995	0.995	0.995	0.995	0.	0.	**	**	**	**
34541	1,2-DICHLOROPROPANE TOTWUG/L	02/22/90-02/22/90	1 ##	0.455	0.455	0.455	0.455	0.	0.	**	**	**	**
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	02/22/90-02/22/90	1 ##	0.415	0.415	0.415	0.415	0.	0.	**	**	**	**
34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	02/22/90-02/22/90	1 ##	1.95	1.95	1.95	1.95	0.	0.	**	**	**	**
34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	02/22/90-02/22/90	1 ##	3.05	3.05	3.05	3.05	0.	0.	**	**	**	**
34566	1,3-DICHLOROBENZENE TOTWUG/L	02/22/90-02/22/90	1 ##	1.005	1.005	1.005	1.005	0.	0.	**	**	**	**
34571	1,4-DICHLOROBENZENE TOTWUG/L	02/22/90-02/22/90	1 ##	0.985	0.985	0.985	0.985	0.	0.	**	**	**	**
34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	02/22/90-02/22/90	1 ##	1.285	1.285	1.285	1.285	0.	0.	**	**	**	**
34581	2-CHLORONAPHTHALENE TOTWUG/L	02/22/90-02/22/90	1 ##	2.8	2.8	2.8	2.8	0.	0.	**	**	**	**
34586	2-CHLOROPHENOL TOTWUG/L	02/22/90-02/22/90	1 ##	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
34591	2-NITROPHENOL TOTWUG/L	02/22/90-02/22/90	1 ##	4.7	4.7	4.7	4.7	0.	0.	**	**	**	**
34596	DI-N-OCTYL PHTHALATE TOTWUG/L	02/22/90-02/22/90	1 ##	0.455	0.455	0.455	0.455	0.	0.	**	**	**	**
34601	2,4-DICHLOROPHENOL TOTWUG/L	02/22/90-02/22/90	1 ##	7.75	7.75	7.75	7.75	0.	0.	**	**	**	**
34606	2,4-DIMETHYLPHENOL TOTWUG/L	02/22/90-02/22/90	1 ##	5.65	5.65	5.65	5.65	0.	0.	**	**	**	**
34611	2,4-DINITROTOLUENE TOTWUG/L	02/22/90-02/22/90	1 ##	2.55	2.55	2.55	2.55	0.	0.	**	**	**	**
34616	2,4-DINITROPHENOL TOTWUG/L	02/22/90-02/22/90	1 ##	13.2	13.2	13.2	13.2	0.	0.	**	**	**	**
34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	02/22/90-02/22/90	1 ##	5.2	5.2	5.2	5.2	0.	0.	**	**	**	**
34626	2,6-DINITROTOLUENE TOTWUG/L	02/22/90-02/22/90	1 ##	1.85	1.85	1.85	1.85	0.	0.	**	**	**	**
34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	02/22/90-02/22/90	1 ##	15.5	15.5	15.5	15.5	0.	0.	**	**	**	**
34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	02/22/90-02/22/90	1 ##	4.	4.	4.	4.	0.	0.	**	**	**	**
34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	02/22/90-02/22/90	1 ##	2.9	2.9	2.9	2.9	0.	0.	**	**	**	**
34646	4-NITROPHENOL TOTWUG/L	02/22/90-02/22/90	1 ##	2.6	2.6	2.6	2.6	0.	0.	**	**	**	**
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	02/22/90-02/22/90	1 ##	13.95	13.95	13.95	13.95	0.	0.	**	**	**	**
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	02/22/90-02/22/90	1 ##	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
34696	NAPHTHALENE TOTWUG/L	02/22/90-02/22/90	1 ##	2.3	2.3	2.3	2.3	0.	0.	**	**	**	**
34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	02/22/90-02/22/90	1 ##	0.53	0.53	0.53	0.53	0.	0.	**	**	**	**
34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	02/22/90-02/22/90	1 ##	0.385	0.385	0.385	0.385	0.	0.	**	**	**	**
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	02/22/90-02/22/90	1 ##	13.6	13.6	13.6	13.6	0.	0.	**	**	**	**
39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	02/22/90-02/22/90	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	02/22/90-02/22/90	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	02/22/90-02/22/90	1 ##	28.	28.	28.	28.	0.	0.	**	**	**	**
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	02/22/90-02/22/90	1 ##	0.525	0.525	0.525	0.525	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GATE0189

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	02/22/90-02/22/90	1 ##	0.495	0.495	0.495	0.495	0.	0.	**	**	**	**
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	02/22/90-02/22/90	1 ##	4.35	4.35	4.35	4.35	0.	0.	**	**	**	**
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/24/94	96	1130.	6992.01	11625.	1000.	24730080.853	4972.935	1130.	1309.75	11247.25	11409.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0189

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	95	3	0.03	18	1	0.06	32	1	0.03	45	1	0.02			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	95	5	0.05	18	1	0.06	32	3	0.09	45	1	0.02			
32102	CARBON TETRACHLORIDE, WHOLE WATER	Marine Acute	50000.	1	0	0.00				1	0	0.00						
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Marine Acute	6300.	1	0	0.00				1	0	0.00						
34205	ACENAPHTHENE, TOTAL	Marine Acute	970.	1	0	0.00				1	0	0.00						
34371	ETHYLBENZENE, TOTAL	Marine Acute	430.	1	0	0.00				1	0	0.00						
34376	FLUORANTHENE, TOTAL	Marine Acute	40.	1	0	0.00				1	0	0.00						
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL	Marine Acute	7.	1	0	0.00				1	0	0.00						
34391	HEXACHLOROBUTADIENE, TOTAL	Marine Acute	32.	1	0	0.00				1	0	0.00						
34396	HEXACHLOROETHANE, TOTAL	Marine Acute	940.	1	0	0.00				1	0	0.00						
34408	ISOPHORONE, TOTAL	Marine Acute	12900.	1	0	0.00				1	0	0.00						
34447	NITROBENZENE, TOTAL	Marine Acute	6680.	1	0	0.00				1	0	0.00						
34461	PHENANTHRENE, TOTAL	Marine Acute	7.7	1	0	0.00				1	0	0.00						
34475	TETRACHLOROETHYLENE, TOTAL	Marine Acute	10200.	1	0	0.00				1	0	0.00						
34506	1,1,1-TRICHLOROETHANE, TOTAL	Marine Acute	31200.	1	0	0.00				1	0	0.00						
34516	1,1,2,2-TETRACHLOROETHANE, TOTAL	Marine Acute	9020.	1	0	0.00				1	0	0.00						
34531	1,2-DICHLOROETHANE, TOTAL	Marine Acute	113000.	1	0	0.00				1	0	0.00						
34611	2,4-DINITROTOLUENE, TOTAL	Marine Acute	590.	1	0	0.00				1	0	0.00						
34694	PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	Marine Acute	5800.	1	0	0.00				1	0	0.00						
34696	NAPHTHALENE, TOTAL	Marine Acute	2350.	1	0	0.00				1	0	0.00						
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Marine Acute	13.	0 &	0	0.00												
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Marine Acute	2000.	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1973 - Station GATE0189

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/24/94	5	4.	3.6	6.	0.	5.3	2.302	**	**	**	**
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/24/94	5	11100.	7235.	11400.	1000.	30234700.	5498.609	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station GATE0189

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/24/94	3	10.	8.333	10.	5.	8.333	2.887	**	**	**	**
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/24/94	3	11045.	7868.333	11215.	1345.	31922633.333	5650.012	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GATE0189

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/24/94	6	17.5	15.	20.	5.	40.	6.325	**	**	**	**
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/24/94	6	11215.	8048.333	11500.	1415.	26077736.667	5106.637	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station GATE0189

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/24/94	3	27.2	26.9	28.	25.5	1.63	1.277	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/24/94	4	4.5	3.75	5.	1.	3.583	1.893	**	**	**	**
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/24/94	5	11115.	7215.	11330.	1130.	30009475.	5478.09	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GATE0189

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/24/94	7	18.	19.	28.	10.	78.333	8.851	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/24/94	6	4.	4.333	10.	1.	10.267	3.204	**	**	**	**
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/24/94	7	11130.	6982.857	11430.	1130.	28408557.143	5329.968	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GATE0189

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/24/94	5	16.	17.8	24.	12.	25.2	5.02	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/24/94	5	5.	5.6	10.	0.	14.3	3.782	**	**	**	**
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/24/94	5	11300.	11266.	11400.	11130.	10780.	103.827	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station GATE0189

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/24/94	10	21.	19.1	28.	4.	52.989	7.279	4.8	13.5	24.25	27.7
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/24/94	10	7.5	7.	12.	2.	17.111	4.137	2.1	3.	10.5	12.
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/24/94	10	11130.	7170.	11330.	1130.	26804888.889	5177.344	1130.	1130.	11155.	11320.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GATE0189

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/24/94	6	14.	15.5	27.	6.	77.5	8.803	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/24/94	6	6.5	6.5	10.	4.	5.5	2.345	**	**	**	**
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/24/94	6	1400.	4615.	11330.	1130.	26268670.	5125.297	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station GATE0189

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/24/94	7	20.	21.	31.	10.	41.667	6.455	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/24/94	7	10.	9.714	15.	3.	20.571	4.536	**	**	**	**
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/24/94	7	1230.	5502.857	11400.	1130.	29177257.143	5401.598	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station GATE0189

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/24/94	10	15.5	15.8	26.	4.	43.956	6.63	4.4	11.75	21.25	25.6
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/24/94	10	5.5	6.4	15.	1.	18.711	4.326	1.2	3.	10.	14.5
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/24/94	10	11226.	7293.	11519.	1202.	27442658.444	5238.574	1202.	1210.25	11397.25	11518.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station GATE0189

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/24/94	7	10.	10.857	21.	0.	49.476	7.034	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/24/94	7	10.	9.286	15.	1.	21.905	4.68	**	**	**	**
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/24/94	7	11150.	8506.714	11548.	1324.	23817230.238	4880.29	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0189

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/24/94	3	23.	18.333	29.	3.	185.333	13.614	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/24/94	3	5.	6.333	13.	1.	37.333	6.11	**	**	**	**
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/24/94	3	11034.	7891.	11219.	1420.	31413937.	5604.814	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station GATE0189

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/24/94	10	13.5	15.2	32.	5.	63.511	7.969	5.4	9.	20.25	31.2
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/24/94	10	5.5	6.2	14.	1.	16.622	4.077	1.2	3.	8.25	13.8
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/24/94	10	11123.	7188.2	11223.	1053.	26279125.511	5126.317	1069.4	1301.	11155.	11222.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station GATE0189

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/24/94	12	17.5	15.667	27.	0.	67.333	8.206	1.8	8.5	20.75	27.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/24/94	12	5.5	6.333	14.	1.	28.424	5.331	1.	1.	10.75	14.
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/24/94	12	1380.5	4661.333	11625.	1113.	24654090.061	4965.289	1140.	1252.5	11293.	11543.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0189

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/24/94	18	19.5	19.333	27.	12.	24.471	4.947	12.	13.75	24.	26.1
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/24/94	18	5.	6.056	15.	0.	22.408	4.734	0.9	1.75	10.	14.1
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/24/94	18	9.	191.028	2400.	1.5	317933.749	563.856	1.5	3.	107.25	654.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/24/94	18	0.954	1.191	3.38	0.176	0.901	0.949	0.176	0.477	2.02	2.735
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			15.533								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/24/94	18	4.	143.528	2400.	1.5	317590.632	563.552	1.5	1.5	12.	323.7
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/24/94	18	0.602	0.782	3.38	0.176	0.68	0.824	0.176	0.176	1.046	2.11
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.053								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/24/94	18	11130.	6808.833	11625.	1053.	26061978.382	5105.093	1122.3	1303.75	11217.5	11422.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0189

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/24/94	22	8.	7.5	17.	0.	16.262	4.033	0.9	4.75	10.	12.7
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/24/94	31	5.	7.29	20.	0.	25.813	5.081	1.	4.	11.	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/24/94	32	93.	200.156	2400.	3.	172757.749	415.641	13.2	37.75	240.	240.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/24/94	32	1.968	1.925	3.38	0.477	0.351	0.592	1.076	1.576	2.38	2.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			84.159								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/24/94	32	23.	49.469	240.	1.5	4480.886	66.939	4.	9.	43.	188.9
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/24/94	32	1.362	1.37	2.38	0.176	0.321	0.567	0.602	0.954	1.633	2.244
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			23.432								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/24/94	33	1430.	5819.667	11548.	1000.	25611144.979	5060.745	1130.	1256.5	11217.	11423.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0189

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/24/94	40	21.5	21.243	32.	10.	34.239	5.851	14.	16.	27.	28.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/24/94	45	7.	7.333	20.	1.	22.	4.69	1.6	3.	10.	13.4
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/24/94	45	43.	167.9	4600.	1.5	465444.268	682.235	4.	9.	93.	240.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/24/94	45	1.633	1.485	3.663	0.176	0.497	0.705	0.602	0.954	1.968	2.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			30.568								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/24/94	45	9.	33.133	430.	1.5	4464.073	66.814	1.5	4.	43.	93.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/24/94	45	0.954	1.083	2.633	0.176	0.395	0.628	0.176	0.602	1.633	1.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.098								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/24/94	45	11130.	7925.	11540.	1130.	22764032.818	4771.167	1201.8	1345.	11305.	11436.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0190

NPS Station ID: GATE0190
LAT/LON: 40.396948/ -73.981115
Agency: 21NJDEP1
Date Created: 11/01/80
Location: SHREWSBURY RIV AT BAHR'S DOCK
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): L6972536725 /SR19
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST MAJOR BASIN
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA
ECO Region:
RF1 Index: 02030104006
RF1 Mile Point: 9.250
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0190

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GATE0191

NPS Station ID: GATE0191 LAT/LON: 40.438615/ -73.981115 Agency: 21NJDEP1 Date Created: 10/08/85
Location: ATLANTIC OCEAN AT SANDY HOOK-S.BEACH MIDDLETOWN FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/OCEAN STORET Station ID(s): L6979636977 /CCMPMC1008
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 02030104 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST MAJOR BASIN Elevation: 0 Water Body Id:
Minor Basin: NEW JERSEY COASTAL MINOR BASIN ECO Region:
RF1 Index: 02030104014 RF1 Mile Point: 2.620 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:

Parameter Inventory for Station: GATE0191

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/10/85-09/03/85	12	26.	460.167	2400.	1.5	837506.106	915.154	1.5	4.	375.	2400.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/10/85-09/03/85	12	1.294	1.51	3.38	0.176	1.376	1.173	0.176	0.602	2.517	3.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			32.381								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/85-09/08/92	146	4.	49.551	2400.	1.	63782.575	252.552	1.	1.5	11.5	30.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/85-09/08/92	146	0.602	0.673	3.38	0.	0.475	0.689	0.	0.176	1.06	1.477
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			4.709								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0191

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	12	2	0.17	5	1	0.20				7	1	0.14			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1985 - Station GATE0191

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/85-09/08/92	12	5.5	217.542	2400.	1.5	473524.203	688.131	1.5	2.125	36.	1716.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/85-09/08/92	12	0.724	1.034	3.38	0.176	0.89	0.943	0.176	0.283	1.519	2.99
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			10.803								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GATE0191

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/85-09/08/92	19	5.	26.526	350.	1.	6290.041	79.31	1.	1.	9.	49.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/85-09/08/92	19	0.699	0.704	2.544	0.	0.466	0.683	0.	0.	0.954	1.69
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			5.064								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GATE0191

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/85-09/08/92	20	4.	32.5	500.	1.	12236.368	110.618	1.	2.	11.	47.3
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/85-09/08/92	20	0.602	0.719	2.699	0.	0.44	0.664	0.	0.301	1.041	1.665
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			5.233								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GATE0191

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/85-09/08/92	18	2.	7.333	30.	1.	100.353	10.018	1.	1.	9.25	30.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/85-09/08/92	18	0.301	0.502	1.477	0.	0.321	0.566	0.	0.	0.956	1.477
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			3.179								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0191

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/85-09/08/92	19	4.	15.368	80.	1.	601.135	24.518	1.	1.	17.	80.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/85-09/08/92	19	0.602	0.724	1.903	0.	0.425	0.652	0.	0.	1.23	1.903
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			5.298								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0191

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/85-09/08/92	18	2.	6.	23.	1.	51.882	7.203	1.	1.	13.25	17.6
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/85-09/08/92	18	0.301	0.488	1.362	0.	0.254	0.504	0.	0.	1.122	1.244
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			3.079								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0191

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/85-09/08/92	20	2.	17.	240.	1.	2807.158	52.983	1.	1.	7.	25.7
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/85-09/08/92	20	0.301	0.539	2.38	0.	0.389	0.624	0.	0.	0.828	1.41
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			3.462								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0191

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/85-09/08/92	20	2.	129.9	1600.	2.	159683.147	399.604	2.	2.	11.5	813.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/85-09/08/92	20	0.301	0.785	3.204	0.301	0.74	0.86	0.301	0.301	1.01	2.807
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			6.099								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0191

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/85-09/08/92	49	4.	34.071	900.	1.	18519.292	136.086	1.	1.25	11.5	30.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/85-09/08/92	49	0.602	0.678	2.954	0.	0.462	0.679	0.	0.088	1.04	1.477
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			4.767								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0191

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/85-09/08/92	97	4.	57.371	2400.	1.	86894.522	294.779	1.	1.75	12.	30.6
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/85-09/08/92	97	0.602	0.67	3.38	0.	0.486	0.697	0.	0.239	1.078	1.485
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			4.68								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0192

NPS Station ID: GATE0192
LAT/LON: 40.388059/ -73.981115
Agency: 21NJDEP1
Date Created: 08/08/81
Location: NAVESINK RIVER
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 1000000100 /1022 /SF03039
RMI-Indexes: 0133006
Within Park Boundary: No
RMI-Miles: 0001.00
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST MAJOR BASIN
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA
ECO Region:
RF1 Index: 02030104007
RF1 Mile Point: 0.760
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J.
TIDE CORRECTION (H/L): (+1:09/+1:45)
ASSOCIATED NOAA WEATHER STATION: 4987

Parameter Inventory for Station: GATE0192

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GATE0193

NPS Station ID: GATE0193
LAT/LON: 40.399170/ -73.981115
Agency: 21NJDEP1
Date Created: 01/23/88
Location: CORNWALL ST. BEACH HIGHLANDS
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): L6972936738 /CCMPMC0053
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST MAJOR BASIN
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA
ECO Region:
RF1 Index: 02030104
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0193

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/08/87-09/11/89	60	50.	126.317	900.	1.	28829.203	169.792	8.3	17.	170.	300.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/08/87-09/11/89	60	1.699	1.717	2.954	0.	0.415	0.644	0.917	1.23	2.23	2.477
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			52.092								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GATE0194

NPS Station ID: GATE0194
LAT/LON: 40.396948/ -73.981393
Agency: 21NJDEP1
Date Created: 04/04/81
Location: SANDY HOOK BAY
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): L6972736725 /900B /SF02004
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST MAJOR BASIN
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA
ECO Region:
RF1 Index: 02030104006
RF1 Mile Point: 9.150
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J.
TIDE CORRECTION (H/L): (-0:01/ 0:00)
ASSOCIATED NOAA WEATHER STATION: 7865

Parameter Inventory for Station: GATE0194

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/28/77-05/18/92	80	18.	16.325	28.	0.	46.399	6.812	6.1	10.25	22.	23.9
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	280	18.	18.829	36.	0.	72.601	8.521	8.	12.	26.	30.
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	284	4.	4.556	15.	0.	11.513	3.393	1.	2.	7.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	125	23.	93.352	2400.	1.5	95491.895	309.018	4.	9.	58.	174.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	125	1.362	1.373	3.38	0.176	0.426	0.653	0.602	0.954	1.748	2.235
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			23.613								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	125	9.	26.576	460.	1.5	2958.412	54.391	1.5	4.	23.	81.4
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	125	0.954	0.997	2.663	0.176	0.35	0.592	0.176	0.602	1.362	1.909
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.934								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/15/90-05/18/92	18	3.6	4.75	9.1	1.5	9.599	3.098	1.5	1.5	9.1	9.1
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	05/15/90-05/18/92	18	0.556	0.58	0.959	0.176	0.095	0.309	0.176	0.176	0.959	0.959
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			3.799								
31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	01/06/78-12/01/78	7	4.	4.	4.	4.	0.	0.	**	**	**	**
31678	LOG FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATI	01/06/78-12/01/78	7	0.602	0.602	0.602	0.602	0.	0.	**	**	**	**
31678	GM FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATIO	GEOMETRIC MEAN =			4.								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	143	11159.	7143.937	11628.	1118.	24108423.989	4910.033	1312.6	1415.	11315.	11445.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0194

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	125	2	0.02	27	0	0.00	38	1	0.03	60	1	0.02			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	125	3	0.02	27	0	0.00	38	2	0.05	60	1	0.02			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1977 - Station GATE0194

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/28/77-05/18/92	20	19.	18.	28.	8.	34.737	5.894	8.4	12.	22.	27.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	20	26.	24.9	30.	10.	30.411	5.515	11.4	24.	28.	29.9
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	18	3.	4.111	15.	1.	20.105	4.484	1.	1.	4.25	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	10	21.5	256.7	2400.	4.	567250.9	753.161	4.3	8.5	28.	2164.3
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	10	1.331	1.398	3.38	0.602	0.576	0.759	0.626	0.927	1.43	3.206
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			24.988								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	10	6.5	13.85	43.	1.5	185.003	13.602	1.75	4.	23.	41.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	10	0.778	0.926	1.633	0.176	0.228	0.478	0.219	0.602	1.362	1.606
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.428								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	10	11315.	9368.5	11615.	1315.	17961355.833	4238.084	1318.	8770.	11433.75	11598.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GATE0194

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/28/77-05/18/92	14	10.	12.714	24.	0.	70.374	8.389	0.	7.	20.	24.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	14	16.	19.	32.	6.	88.308	9.397	6.	10.	28.	32.
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	14	5.	4.143	10.	0.	9.978	3.159	0.	1.	5.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	7	43.	67.857	240.	4.	6610.143	81.303	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	7	1.633	1.544	2.38	0.602	0.356	0.597	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			34.965								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	7	9.	13.857	43.	1.5	226.726	15.057	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	7	0.954	0.869	1.633	0.176	0.327	0.572	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.388								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	7	11245.	7080.714	11415.	1330.	27765003.571	5269.251	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station GATE0194

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/28/77-05/18/92	18	21.	19.778	25.	12.	17.83	4.223	12.	16.	22.75	25.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	18	26.	26.556	36.	15.	43.085	6.564	15.	24.	31.	36.
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	18	5.	4.889	10.	2.	6.222	2.494	2.	2.75	6.25	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	9	43.	338.667	2400.	4.	618255.75	786.292	4.	16.	251.5	2400.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	9	1.633	1.691	3.38	0.602	0.719	0.848	0.602	1.158	2.148	3.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			49.143								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	9	23.	73.333	460.	1.5	21644.188	147.12	1.5	2.75	59.	460.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	9	1.362	1.231	2.663	0.176	0.688	0.829	0.176	0.389	1.754	2.663
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			17.004								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	9	11245.	6947.222	11545.	1315.	27806419.444	5273.179	1315.	1365.	11430.	11545.

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Annual Analysis for 1980 - Station GATE0194

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/28/77-05/18/92	12	14.	14.333	22.	6.	47.152	6.867	6.	8.	22.	22.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	12	18.5	17.167	28.	0.	99.061	9.953	0.	12.	26.	28.
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	12	1.5	3.	10.	0.	14.545	3.814	0.	0.	5.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	6	79.5	181.833	460.	3.	49498.167	222.482	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	6	1.565	1.648	2.663	0.477	0.934	0.967	**	**	**	**

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Annual Analysis for 1980 - Station GATE0194

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			44.45								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	6	51.	82.75	240.	1.5	9551.175	97.73	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	6	1.461	1.355	2.38	0.176	0.885	0.941	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			22.666								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	6	11345.	8115.833	11545.	1315.	26501184.167	5147.93	**	**	**	**

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Annual Analysis for 1981 - Station GATE0194

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/28/77-05/18/92	16	16.5	15.	23.	5.	49.333	7.024	5.	6.5	21.75	23.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	22	15.	16.364	30.	6.	66.909	8.18	6.3	9.	23.	29.7
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	22	3.	3.636	10.	0.	9.576	3.094	0.	1.	7.	9.1
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	11	15.	20.591	75.	1.5	472.341	21.733	1.8	4.	23.	68.6
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	11	1.176	1.081	1.875	0.176	0.261	0.51	0.236	0.602	1.362	1.827
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			12.058								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	11	4.	4.636	9.	1.5	10.555	3.249	1.5	1.5	9.	9.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	11	0.602	0.554	0.954	0.176	0.115	0.339	0.176	0.176	0.954	0.954
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.581								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	11	1458.	4098.	11315.	1230.	21356492.	4621.308	1233.	1335.	11245.	11315.

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Annual Analysis for 1982 - Station GATE0194

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	20	17.	17.7	35.	9.	56.221	7.498	9.2	12.	19.	34.
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	20	5.	4.9	8.	1.	4.726	2.174	1.2	3.	6.	8.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	10	15.	38.3	150.	7.	2168.9	46.571	7.2	13.5	55.	144.1
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	10	1.176	1.363	2.176	0.845	0.185	0.43	0.856	1.121	1.715	2.154
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			23.089								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	10	15.	24.4	91.	3.	657.822	25.648	3.6	13.5	28.	86.2
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	10	1.176	1.227	1.959	0.477	0.152	0.39	0.525	1.121	1.43	1.926
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			16.85								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	10	6417.5	6385.5	11506.	1320.	27503586.5	5244.386	1322.5	1389.25	11335.25	11489.6

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Annual Analysis for 1983 - Station GATE0194

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	22	16.	17.727	29.	7.	44.779	6.692	8.2	12.	23.	28.1
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	22	5.	5.273	10.	1.	10.494	3.239	1.3	2.	8.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	11	23.	42.318	150.	1.5	2069.914	45.496	3.	9.	73.	138.2
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	11	1.362	1.362	2.176	0.176	0.319	0.565	0.332	0.954	1.863	2.133
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			23.037								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	11	9.	18.455	91.	1.5	661.223	25.714	1.5	4.	23.	78.8
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	11	0.954	0.965	1.959	0.176	0.301	0.548	0.176	0.602	1.362	1.863
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.225								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	11	1600.	5922.091	11557.	1243.	27259419.291	5221.055	1255.8	1307.	11420.	11536.6

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Annual Analysis for 1984 - Station GATE0194

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	30	17.	16.933	30.	4.	67.513	8.217	6.	8.	23.	29.
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	30	5.	5.867	12.	1.	13.223	3.636	2.	3.	10.	11.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	15	23.	37.9	230.	1.5	3398.221	58.294	3.	7.	43.	147.8
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	15	1.362	1.234	2.362	0.176	0.331	0.576	0.432	0.845	1.633	2.126
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			17.157								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	15	9.	20.3	93.	1.5	919.85	30.329	2.4	4.	23.	93.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	15	0.954	0.972	1.968	0.176	0.281	0.53	0.357	0.602	1.362	1.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.382								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	15	11143.	9236.2	11416.	1323.	16356747.171	4044.348	1372.2	11009.	11252.	11375.8

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Annual Analysis for 1985 - Station GATE0194

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	18	16.	19.	31.	9.	59.059	7.685	9.	13.	26.5	31.
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	18	4.	4.556	9.	1.	8.967	2.995	1.	2.	8.	9.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	9	9.	82.278	430.	1.5	19641.069	140.147	1.5	3.5	121.5	430.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	9	0.954	1.274	2.633	0.176	0.731	0.855	0.176	0.54	2.072	2.633
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			18.794								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	9	4.	37.5	230.	1.5	5507.688	74.214	1.5	1.5	43.	230.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	9	0.602	0.924	2.362	0.176	0.62	0.787	0.176	0.176	1.633	2.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.393								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	9	11202.	6876.111	11349.	1207.	27321419.111	5226.989	1207.	1375.	11322.	11349.

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Annual Analysis for 1986 - Station GATE0194

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	20	13.5	17.3	32.	4.	114.747	10.712	4.2	8.	29.	31.7
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	20	3.	4.8	12.	1.	18.063	4.25	1.	2.	10.	11.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	10	68.	70.9	210.	9.	3646.322	60.385	9.	19.5	93.	198.3
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	10	1.801	1.673	2.322	0.954	0.212	0.46	0.954	1.26	1.968	2.287
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			47.134								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	10	16.	25.25	93.	1.5	802.847	28.335	1.75	4.	43.	88.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	10	1.158	1.125	1.968	0.176	0.316	0.562	0.219	0.602	1.633	1.935
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			13.328								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	10	6239.5	6272.	11628.	1155.	28404270.	5329.566	1160.4	1214.25	11255.25	11598.3

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Annual Analysis for 1987 - Station GATE0194

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	14	15.	17.286	33.	9.	64.22	8.014	9.	12.	24.	33.
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	20	2.	3.6	9.	1.	10.358	3.218	1.	1.	8.	8.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	10	43.	65.15	230.	1.5	5670.558	75.303	1.65	3.75	107.25	222.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	10	1.633	1.386	2.362	0.176	0.596	0.772	0.206	0.571	2.02	2.343
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			24.31								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	10	16.	27.	93.	1.5	846.389	29.093	1.5	3.375	43.	88.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	10	1.158	1.109	1.968	0.176	0.408	0.639	0.176	0.496	1.633	1.935
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.863								

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Annual Analysis for 1987 - Station GATE0194

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	10	11213.5	10224.3	11452.	1326.	9792397.344	3129.281	2294.9	11030.75	11273.75	11442.5

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Annual Analysis for 1988 - Station GATE0194

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	16	21.	19.	31.	2.	107.2	10.354	2.	9.5	27.75	31.
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	16	4.	4.75	12.	1.	10.6	3.256	1.	3.	6.25	12.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	8	12.	12.25	23.	4.	54.5	7.382	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	8	1.065	1.005	1.362	0.602	0.091	0.302	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			10.115								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	8	8.	9.25	21.	1.5	51.	7.141	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	8	0.9	0.803	1.322	0.176	0.2	0.447	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.361								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	8	6312.5	6377.625	11510.	1354.	27739636.268	5266.843	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0194

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	14	18.	17.571	29.	1.	90.418	9.509	1.	10.	27.	29.
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	14	2.	3.143	8.	1.	6.593	2.568	1.	1.	5.	8.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	7	23.	88.714	240.	7.	10854.238	104.184	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	7	1.362	1.584	2.38	0.845	0.433	0.658	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			38.327								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	7	15.	24.143	93.	4.	988.81	31.445	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	7	1.176	1.131	1.968	0.602	0.242	0.492	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			13.522								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	7	1533.	5709.857	11434.	1400.	27927565.81	5284.654	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0194

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	16	19.5	20.5	31.	10.	66.133	8.132	10.	12.5	29.5	31.
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	16	3.5	3.625	8.	1.	5.317	2.306	1.	1.25	5.	8.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	2 ##	12.25	12.25	23.	1.5	231.125	15.203	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	2 ##	0.769	0.769	1.362	0.176	0.703	0.838	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			5.874								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	2 ##	12.25	12.25	23.	1.5	231.125	15.203	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	2 ##	0.769	0.769	1.362	0.176	0.703	0.838	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.874								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	8	6321.	6317.375	11420.	1311.	27959503.125	5287.675	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0194

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	16	17.5	18.625	30.	11.	46.917	6.85	11.	12.	25.25	30.
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	16	6.5	6.125	12.	1.	16.65	4.08	1.	1.5	9.75	12.
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	8	11220.5	7639.75	11539.	1306.	26057170.786	5104.622	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0194

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	8	12.	13.25	22.	7.	43.071	6.563	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	8	4.	5.25	12.	1.	19.071	4.367	**	**	**	**
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	4	6326.5	6249.75	11228.	1118.	32342464.25	5687.044	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0194

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/28/77-05/18/92	12	23.	22.	25.	16.	11.273	3.357	16.	20.	25.	25.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	60	23.	21.833	36.	7.	51.531	7.179	11.3	16.	27.	30.9
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	64	4.	4.906	12.	1.	10.245	3.201	1.5	2.	7.5	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	27	23.	61.222	460.	1.5	10335.699	101.665	3.5	9.	43.	232.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	27	1.362	1.366	2.663	0.176	0.396	0.63	0.517	0.954	1.633	2.365
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			23.236								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	27	9.	18.685	93.	1.5	513.541	22.661	1.5	4.	23.	49.4
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	27	0.954	1.011	1.968	0.176	0.245	0.495	0.176	0.602	1.362	1.682
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.256								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	32	11122.	6952.844	11506.	1230.	24715519.039	4971.471	1308.2	1415.	11245.75	11432.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0194

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/28/77-05/18/92	18	7.	6.333	10.	0.	7.765	2.787	0.	5.	8.	10.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	90	10.	9.911	17.	0.	17.205	4.148	4.	7.75	12.	16.
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	90	4.	4.711	12.	0.	14.68	3.831	1.	1.	8.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	38	22.	133.684	2400.	1.5	154440.965	392.99	3.9	9.	93.	259.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	38	1.342	1.486	3.38	0.176	0.506	0.712	0.59	0.954	1.968	2.406
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			30.595								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	38	15.	32.842	240.	1.5	3239.055	56.913	1.5	4.	23.	98.7
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	38	1.176	1.064	2.38	0.176	0.416	0.645	0.176	0.602	1.362	1.989
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.581								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	45	11023.	6902.356	11615.	1118.	24873771.416	4987.361	1311.4	1420.5	11314.	11477.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0194

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/28/77-05/18/92	50	20.	18.56	28.	10.	19.925	4.464	12.	16.	22.	23.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	130	26.	23.615	35.	10.	38.812	6.23	15.	18.75	28.25	30.
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	130	3.	4.277	15.	0.	9.969	3.157	1.	2.	6.	9.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	60	23.	82.267	2400.	1.5	97642.224	312.478	4.	7.	43.	144.3
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	60	1.362	1.305	3.38	0.176	0.39	0.625	0.602	0.845	1.633	2.155
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			20.186								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	60	9.	26.158	460.	1.5	3906.14	62.499	1.5	4.	23.	86.2
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	60	0.954	0.949	2.663	0.176	0.362	0.602	0.176	0.602	1.362	1.926
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.887								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	66	11214.5	7401.303	11628.	1155.	23916964.768	4890.497	1295.2	1415.	11332.	11445.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0195

NPS Station ID: GATE0195 LAT/LON: 40.396948/ -73.981670 Agency: 21NJDEP1 Date Created: 04/04/81
Location: SANDY HOOK BAY FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): L6972836725 /900 /SF02001
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02030104 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST MAJOR BASIN Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA ECO Region:
RF1 Index: 02030104006 RF1 Mile Point: 9.150 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J. TIDE CORRECTION (H/L): (-0:01/ 0:00)
ASSOCIATED NOAA WEATHER STATION: 7865

Parameter Inventory for Station: GATE0195

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/28/77-05/18/92	80	18.	16.125	25.	0.	43.25	6.576	6.1	10.25	21.75	23.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	282	18.	18.872	36.	0.	72.354	8.506	8.	12.	26.	30.
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	286	4.	4.559	15.	0.	11.433	3.381	1.	2.	7.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	126	18.	106.452	2400.	1.5	109397.678	330.753	4.	9.	75.	230.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	126	1.253	1.369	3.38	0.176	0.477	0.691	0.602	0.954	1.875	2.362
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			23.378								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	125	9.	24.872	430.	1.5	2328.685	48.256	1.5	4.	23.	75.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	125	0.954	1.009	2.633	0.176	0.325	0.57	0.176	0.602	1.362	1.875
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.198								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/15/90-05/18/92	18	9.1	10.256	43.	1.5	110.297	10.502	1.5	3.075	12.	25.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	05/15/90-05/18/92	18	0.959	0.811	1.633	0.176	0.199	0.446	0.176	0.461	1.075	1.389
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			6.478								
31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	01/06/78-12/01/78	7	4.	4.	4.	4.	0.	0.	**	**	**	**
31678	LOG FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATI	01/06/78-12/01/78	7	0.602	0.602	0.602	0.602	0.	0.	**	**	**	**
31678	GM FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATIO	GEOMETRIC MEAN =			4.								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	144	11156.5	7169.819	11624.	1114.	24048081.562	4903.884	1311.	1420.25	11315.	11445.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0195

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	126	4	0.03	28	0	0.00	38	3	0.08	60	1	0.02			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	125	2	0.02	28	0	0.00	37	2	0.05	60	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1977 - Station GATE0195

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/28/77-05/18/92	20	19.	17.2	23.	8.	23.958	4.895	8.4	12.	21.	22.9
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	20	26.	24.9	30.	10.	30.411	5.515	11.4	24.	28.	29.9
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	18	3.	4.111	15.	1.	20.105	4.484	1.	1.	4.25	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	10	9.	259.45	2400.	1.5	566461.581	752.636	1.65	3.75	55.5	2169.3
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	10	0.954	1.246	3.38	0.176	0.85	0.922	0.206	0.571	1.717	3.239
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			17.627								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	10	4.	13.6	43.	1.5	279.989	16.733	1.5	2.625	28.	43.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	10	0.602	0.822	1.633	0.176	0.303	0.55	0.176	0.402	1.43	1.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.635								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	10	11315.	9358.5	11515.	1315.	17912433.611	4232.308	1318.	8770.	11433.75	11508.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GATE0195

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/28/77-05/18/92	14	10.	12.714	24.	0.	70.374	8.389	0.	7.	20.	24.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	14	16.	19.	32.	6.	88.308	9.397	6.	10.	28.	32.
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	14	5.	4.143	10.	0.	9.978	3.159	0.	1.	5.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	7	43.	88.143	240.	15.	8936.143	94.531	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	7	1.633	1.734	2.38	1.176	0.207	0.455	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			54.247								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	7	15.	14.	23.	4.	52.333	7.234	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	7	1.176	1.084	1.362	0.602	0.073	0.27	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.127								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	7	11245.	7080.714	11415.	1330.	27765003.571	5269.251	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station GATE0195

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/28/77-05/18/92	18	21.	19.778	25.	12.	17.83	4.223	12.	16.	22.75	25.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	18	26.	26.556	36.	15.	43.085	6.564	15.	24.	31.	36.
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	18	5.	4.889	10.	2.	6.222	2.494	2.	2.75	6.25	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	9	43.	53.5	240.	1.5	5455.	73.858	1.5	6.5	59.	240.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	9	1.633	1.361	2.38	0.176	0.459	0.677	0.176	0.778	1.754	2.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			22.966								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	9	9.	22.389	93.	1.5	880.861	29.679	1.5	4.	33.	93.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	9	0.954	1.022	1.968	0.176	0.339	0.582	0.176	0.602	1.498	1.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.528								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	9	11245.	6964.444	11600.	1330.	27904752.778	5282.495	1330.	1372.5	11457.5	11600.

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Annual Analysis for 1980 - Station GATE0195

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/28/77-05/18/92	12	14.	14.333	22.	6.	47.152	6.867	6.	8.	22.	22.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	12	18.5	17.167	28.	0.	99.061	9.953	0.	12.	26.	28.
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	12	1.5	3.	10.	0.	14.545	3.814	0.	0.	5.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	6	49.	281.333	1100.	15.	190662.667	436.649	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	6	1.618	1.882	3.041	1.176	0.644	0.803	**	**	**	**

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Annual Analysis for 1980 - Station GATE0195

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			76.241								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	6	19.	35.25	93.	1.5	1518.175	38.964	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	6	1.269	1.193	1.968	0.176	0.496	0.704	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			15.605								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	6	11345.	8099.167	11545.	1330.	26761084.167	5173.112	**	**	**	**

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Annual Analysis for 1981 - Station GATE0195

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/28/77-05/18/92	16	16.5	15.	23.	5.	49.333	7.024	5.	6.5	21.75	23.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	22	15.	16.364	30.	6.	66.909	8.18	6.3	9.	23.	29.7
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	22	3.	3.636	10.	0.	9.576	3.094	0.	1.	7.	9.1
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	11	15.	27.727	93.	1.5	1165.168	34.135	1.5	7.	43.	93.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	11	1.176	1.12	1.968	0.176	0.361	0.601	0.176	0.845	1.633	1.968
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			13.182								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	11	7.	12.636	43.	1.5	162.205	12.736	1.5	4.	23.	39.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	11	0.845	0.887	1.633	0.176	0.229	0.479	0.176	0.602	1.362	1.579
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.717								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	11	1502.	4104.091	11315.	1234.	21321184.691	4617.487	1236.2	1339.	11245.	11315.

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Annual Analysis for 1982 - Station GATE0195

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	20	17.	17.7	35.	9.	56.221	7.498	9.2	12.	19.	34.
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	20	5.	4.9	8.	1.	4.726	2.174	1.2	3.	6.	8.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	10	63.5	104.2	280.	9.	11589.956	107.657	9.6	15.	240.	276.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	10	1.758	1.736	2.447	0.954	0.317	0.563	0.976	1.176	2.38	2.44
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			54.445								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	9	15.	39.444	110.	4.	1967.028	44.351	4.	9.	92.	110.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	9	1.176	1.31	2.041	0.602	0.288	0.537	0.602	0.954	1.964	2.041
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			20.396								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	10	6421.5	6393.5	11510.	1324.	27459937.611	5240.223	1326.5	1393.25	11339.25	11493.6

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Annual Analysis for 1983 - Station GATE0195

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	22	16.	17.727	29.	7.	44.779	6.692	8.2	12.	23.	28.1
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	22	5.	5.273	10.	1.	10.494	3.239	1.3	2.	8.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	11	15.	52.727	230.	4.	5481.818	74.039	4.6	15.	91.	214.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	11	1.176	1.381	2.362	0.602	0.303	0.551	0.651	1.176	1.959	2.325
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			24.019								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	11	15.	21.364	91.	4.	586.855	24.225	4.	9.	23.	78.6
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	11	1.176	1.166	1.959	0.602	0.144	0.379	0.602	0.954	1.362	1.86
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			14.643								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	11	1556.	5929.455	11553.	1247.	27178411.673	5213.292	1258.2	1303.	11424.	11532.6

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Annual Analysis for 1984 - Station GATE0195

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	30	17.	16.933	30.	4.	67.513	8.217	6.	8.	23.	29.
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	30	5.	5.867	12.	1.	13.223	3.636	2.	3.	10.	11.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	15	9.	38.133	230.	3.	3724.838	61.031	3.6	7.	75.	147.8
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	15	0.954	1.192	2.362	0.477	0.324	0.569	0.552	0.845	1.875	2.126
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			15.551								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	15	9.	18.	93.	3.	592.429	24.34	3.6	4.	23.	63.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	15	0.954	0.995	1.968	0.477	0.21	0.459	0.552	0.602	1.362	1.767
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.887								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	15	11139.	9232.2	11412.	1319.	16356747.171	4044.348	1368.2	11005.	11248.	11371.8

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Annual Analysis for 1985 - Station GATE0195

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	20	18.5	19.6	31.	9.	56.253	7.5	9.1	14.	26.	30.7
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	20	4.5	4.6	9.	1.	8.042	2.836	1.1	2.	8.	8.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	10	43.	267.	2400.	3.	561930.444	749.62	3.6	17.25	43.	2164.3
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	10	1.633	1.564	3.38	0.477	0.554	0.744	0.525	1.214	1.633	3.206
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			36.658								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	10	19.	61.05	430.	1.5	17113.081	130.817	1.5	1.5	43.	391.3
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	10	1.269	1.155	2.633	0.176	0.648	0.805	0.176	0.176	1.633	2.533
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			14.303								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	10	11179.	7300.9	11345.	1203.	26124322.767	5111.196	1215.2	1394.	11313.	11343.3

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Annual Analysis for 1986 - Station GATE0195

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	20	13.5	17.3	32.	4.	114.747	10.712	4.2	8.	29.	31.7
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	20	3.	4.8	12.	1.	18.063	4.25	1.	2.	10.	11.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	10	59.	173.3	1100.	4.	111125.789	333.355	4.	7.75	170.	1013.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	10	1.754	1.675	3.041	0.602	0.611	0.781	0.602	0.866	2.223	2.973
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			47.366								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	10	23.	29.6	93.	1.5	1005.544	31.71	1.5	3.375	51.	91.2
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	10	1.362	1.147	1.968	0.176	0.422	0.65	0.176	0.496	1.694	1.959
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			14.03								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	10	6235.5	6268.4	11624.	1151.	28399771.156	5329.144	1156.8	1211.25	11251.25	11594.3

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Annual Analysis for 1987 - Station GATE0195

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	14	15.	17.286	33.	9.	64.22	8.014	9.	12.	24.	33.
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	20	2.	3.6	9.	1.	10.358	3.218	1.	1.	8.	8.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	10	8.	77.75	430.	1.5	20139.292	141.913	1.65	3.75	89.75	410.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	10	0.9	1.216	2.633	0.176	0.669	0.818	0.206	0.571	1.816	2.606
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			16.451								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	10	6.5	40.8	230.	1.5	5265.178	72.562	1.5	1.5	55.5	216.3
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	10	0.778	0.959	2.362	0.176	0.687	0.829	0.176	0.176	1.717	2.322
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.091								

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Annual Analysis for 1987 - Station GATE0195

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	10	11209.5	10220.3	11448.	1322.	9792397.344	3129.281	2290.9	11026.75	11269.75	11438.5

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Annual Analysis for 1988 - Station GATE0195

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	16	21.	19.	31.	2.	107.2	10.354	2.	9.5	27.75	31.
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	16	4.	4.75	12.	1.	10.6	3.256	1.	3.	6.25	12.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	8	4.	9.563	43.	1.5	187.674	13.699	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	8	0.602	0.752	1.633	0.176	0.178	0.422	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			5.651								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	8	4.	8.313	43.	1.5	199.996	14.142	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	8	0.602	0.602	1.633	0.176	0.238	0.488	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.996								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	8	6288.5	6368.625	11506.	1350.	27685831.982	5261.733	**	**	**	**

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Annual Analysis for 1989 - Station GATE0195

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	14	18.	17.571	29.	1.	90.418	9.509	1.	10.	27.	29.
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	14	2.	3.143	8.	1.	6.593	2.568	1.	1.	5.	8.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	7	15.	35.857	93.	3.	1561.143	39.511	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	7	1.176	1.297	1.968	0.477	0.287	0.536	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			19.836								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	7	9.	9.	23.	1.5	61.583	7.848	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	7	0.954	0.772	1.362	0.176	0.219	0.468	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.909								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	7	1529.	5700.143	11430.	1356.	27985259.143	5290.11	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0195

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	16	19.5	20.5	31.	10.	66.133	8.132	10.	12.5	29.5	31.
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	16	3.5	3.625	8.	1.	5.317	2.306	1.	1.25	5.	8.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	2	12.5	12.5	21.	4.	144.5	12.021	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	2	0.962	0.962	1.322	0.602	0.259	0.509	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			9.165								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	2	9.5	9.5	15.	4.	60.5	7.778	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	2	0.889	0.889	1.176	0.602	0.165	0.406	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.746								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	8	6317.	6308.375	11416.	1307.	28015890.268	5293.004	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0195

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	16	17.5	18.625	30.	11.	46.917	6.85	11.	12.	25.25	30.
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	16	6.5	6.125	12.	1.	16.65	4.08	1.	1.5	9.75	12.
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	8	11216.5	7630.75	11535.	1302.	26126396.5	5111.399	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0195

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	8	12.	13.25	22.	7.	43.071	6.563	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	8	4.	5.25	12.	1.	19.071	4.367	**	**	**	**
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	4	6322.5	6245.75	11224.	1114.	32342464.25	5687.044	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0195

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/28/77-05/18/92	12	23.	22.	25.	16.	11.273	3.357	16.	20.	25.	25.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	62	23.	21.935	36.	7.	50.16	7.082	11.9	16.	27.	30.7
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	66	4.	4.909	12.	1.	9.93	3.151	1.7	2.	6.5	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	28	15.	34.375	240.	1.5	2400.845	48.998	1.5	7.5	43.	93.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	28	1.176	1.192	2.38	0.176	0.347	0.589	0.176	0.872	1.633	1.968
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			15.566								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	28	9.	18.607	93.	1.5	593.821	24.368	1.5	3.25	23.	47.8
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	28	0.954	0.943	1.968	0.176	0.319	0.564	0.176	0.508	1.362	1.666
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.772								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	33	11137.	7084.061	11510.	1234.	24438752.934	4943.557	1304.6	1459.	11243.5	11427.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0195

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/28/77-05/18/92	18	7.	6.333	10.	0.	7.765	2.787	0.	5.	8.	10.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	90	10.	9.911	17.	0.	17.205	4.148	4.	7.75	12.	16.
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	90	4.	4.711	12.	0.	14.68	3.831	1.	1.	8.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	38	22.	222.184	2400.	1.5	311253.871	557.901	3.9	8.5	108.75	524.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	38	1.342	1.52	3.38	0.176	0.695	0.834	0.59	0.927	1.987	2.701
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			33.129								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	37	15.	41.	430.	1.5	6286.514	79.288	1.5	4.	41.	96.4
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	37	1.176	1.141	2.633	0.176	0.429	0.655	0.176	0.602	1.612	1.983
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			13.848								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	45	11019.	6898.6	11535.	1114.	24844411.155	4984.417	1314.	1420.5	11316.	11473.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0195

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/28/77-05/18/92	50	20.	18.24	23.	10.	16.268	4.033	12.	16.	21.25	22.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	130	26.	23.615	35.	10.	38.812	6.23	15.	18.75	28.25	30.
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	130	3.	4.277	15.	0.	9.969	3.157	1.	2.	6.	9.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	60	20.5	66.792	1100.	1.5	22791.265	150.968	4.	9.	75.	222.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	60	1.312	1.355	3.041	0.176	0.387	0.622	0.602	0.954	1.875	2.343
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			22.664								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	60	9.	17.85	93.	1.5	554.706	23.552	1.5	4.	23.	43.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	60	0.954	0.957	1.968	0.176	0.26	0.51	0.176	0.602	1.362	1.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.059								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	66	11210.5	7397.621	11624.	1151.	23949286.116	4893.801	1294.6	1414.	11328.5	11445.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0196

NPS Station ID: GATE0196 LAT/LON: 40.385004/ -73.981670 Agency: 21NJDEP1 Date Created: 08/08/81
Location: NAVESINK RIVER FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): 1000000140 /1020 /SF03045
RMI-Indexes: 0133006 Within Park Boundary: No
RMI-Miles: 0001.40
HUC: 02030104 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST MAJOR BASIN Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA ECO Region:
RF1 Index: 02030104007 RF1 Mile Point: 1.010 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J. TIDE CORRECTION (H/L): (+1:09/+1:45)
ASSOCIATED NOAA WEATHER STATION: 4987

Parameter Inventory for Station: GATE0196

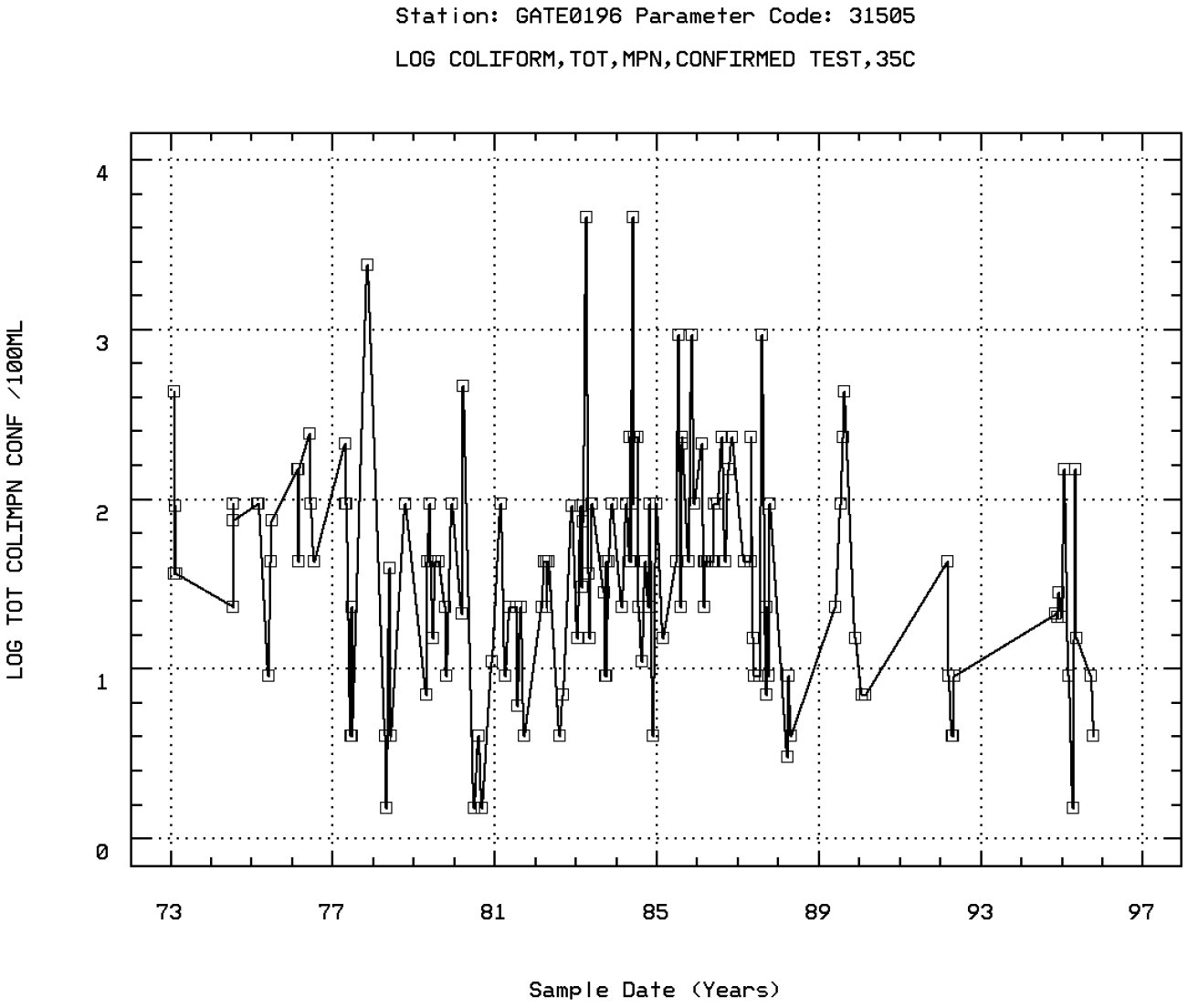
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-10/17/95	53	16.	14.106	28.	0.	66.121	8.131	2.4	5.2	21.1	23.18
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	167	17.	16.471	32.	0.	59.871	7.738	6.	10.	22.	27.04
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	185	7.	7.492	20.	0.	22.262	4.718	1.6	3.	10.	15.
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	153	43.	156.281	4600.	1.5	319398.934	565.154	4.	13.	93.	230.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	153	1.633	1.566	3.663	0.176	0.433	0.658	0.602	1.109	1.968	2.362
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			36.788								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	148	15.	41.084	930.	1.5	9440.695	97.163	3.	7.	43.	93.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	148	1.176	1.171	2.968	0.176	0.343	0.586	0.477	0.845	1.633	1.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			14.836								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	30	9.1	19.34	93.	1.5	541.662	23.274	3.6	5.475	23.	43.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/88-08/08/95	30	0.959	1.052	1.968	0.176	0.212	0.46	0.556	0.728	1.362	1.633
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			11.28								
31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	02/05/73-10/16/78	13	4.	5.231	11.	3.	11.026	3.32	3.	3.	7.5	11.
31678	LOG FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATI	02/05/73-10/16/78	13	0.602	0.655	1.041	0.477	0.052	0.227	0.477	0.477	0.822	1.041
31678	GM FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATIO	GEOMETRIC MEAN =			4.523								
70204	TIDE, DURATION BETWEEN ADJ. HIGHS OR LOWS (HOURS)	04/28/88-04/28/88	1	11235.	11235.	11235.	11235.	0.	0.	**	**	**	**
70211p	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	186	11130.	6832.457	11649.	1000.	24878445.331	4987.83	1156.6	1325.	11301.5	11440.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

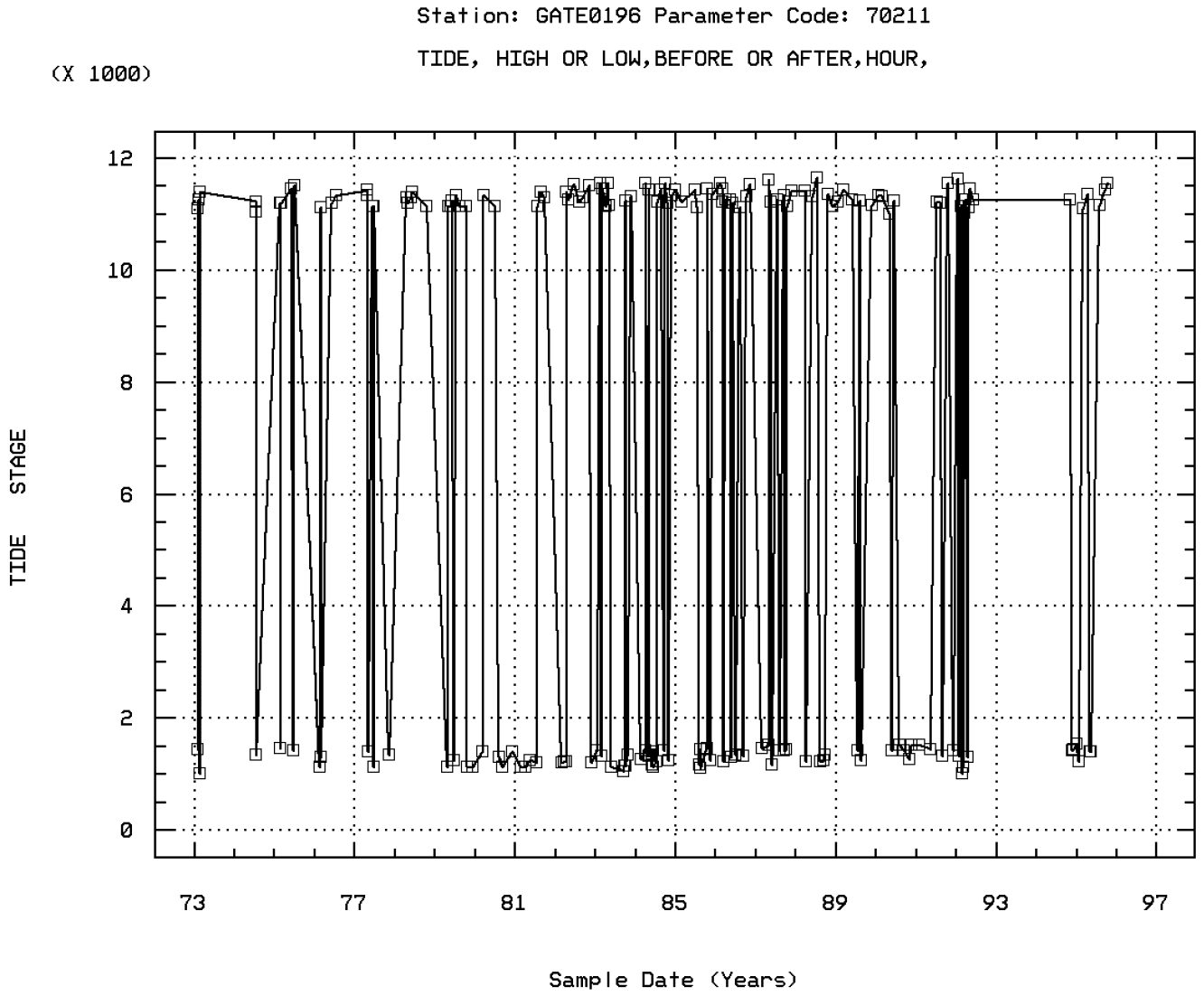
EPA Water Quality Criteria Analysis for Station: GATE0196

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	153	3	0.02	36	0	0.00	49	1	0.02	68	2	0.03			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	148	7	0.05	36	2	0.06	44	2	0.05	68	3	0.04			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



NAVESINK RIVER



NAVESINK RIVER

Annual Analysis for 1973 - Station GATE0196

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	5	4.	3.6	6.	0.	5.3	2.302	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	5	36.	125.8	430.	36.	29485.2	171.713	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	5	1.556	1.852	2.633	1.556	0.221	0.47	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			71.168								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	5	11100.	7235.	11400.	1000.	30234700.	5498.609	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station GATE0196

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	3	10.	8.333	10.	5.	8.333	2.887	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	3	75.	63.667	93.	23.	1321.333	36.35	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	3	1.875	1.735	1.968	1.362	0.107	0.327	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			54.336								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	3	14.	22.	43.	9.	337.	18.358	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	3	1.146	1.245	1.633	0.954	0.123	0.35	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			17.564								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	3	11045.	7868.333	11215.	1345.	31922633.333	5650.012	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GATE0196

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	6	17.5	15.	20.	5.	40.	6.325	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	6	84.	67.667	93.	9.	1205.867	34.726	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	6	1.922	1.728	1.968	0.954	0.161	0.401	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			53.461								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	6	16.	21.333	43.	3.	327.067	18.085	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	6	1.158	1.151	1.633	0.477	0.219	0.468	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			14.153								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	6	11200.	8034.167	11500.	1415.	26184254.167	5117.055	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station GATE0196

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	3	27.2	26.9	28.	25.5	1.63	1.277	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	4	4.5	3.75	5.	1.	3.583	1.893	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	6	121.5	119.833	240.	43.	5757.367	75.877	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	6	2.072	1.995	2.38	1.633	0.095	0.309	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			98.772								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	6	43.	64.5	150.	15.	2391.9	48.907	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	6	1.633	1.704	2.176	1.176	0.117	0.342	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			50.526								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	5	11115.	7215.	11330.	1130.	30009475.	5478.09	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GATE0196

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	7	18.	19.	28.	10.	78.333	8.851	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	6	4.	4.333	10.	1.	10.267	3.204	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	7	93.	403.857	2400.	4.	780042.476	883.2	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	7	1.968	1.744	3.38	0.602	0.978	0.989	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			55.412								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	7	15.	26.214	93.	1.5	1079.321	32.853	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	7	1.176	1.074	1.968	0.176	0.41	0.64	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.865								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	7	11130.	6982.857	11430.	1130.	28408557.143	5329.968	**	**	**	**

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Annual Analysis for 1978 - Station GATE0196

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	5	16.	17.8	24.	12.	25.2	5.02	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	5	5.	5.6	10.	0.	14.3	3.782	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	5	4.	28.3	93.	1.5	1549.95	39.369	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	5	0.602	0.988	1.968	0.176	0.571	0.755	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			9.726								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	5	4.	4.2	7.	1.5	7.575	2.752	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	5	0.602	0.529	0.845	0.176	0.114	0.337	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.38								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	5	11300.	11266.	11400.	11130.	10780.	103.827	**	**	**	**

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Annual Analysis for 1979 - Station GATE0196

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	10	21.	19.1	28.	4.	52.989	7.279	4.8	13.5	24.25	27.7
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	10	7.5	7.	12.	2.	17.111	4.137	2.1	3.	10.5	12.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	10	43.	41.2	93.	7.	955.956	30.919	7.2	13.5	55.5	93.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	10	1.633	1.481	1.968	0.845	0.151	0.388	0.856	1.121	1.717	1.968
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			30.255								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	10	15.	23.55	93.	1.5	737.803	27.163	1.75	7.75	28.	88.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	10	1.176	1.136	1.968	0.176	0.258	0.508	0.219	0.866	1.43	1.935
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			13.691								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	10	11130.	7170.	11330.	1130.	26804888.889	5177.344	1130.	1130.	11155.	11320.

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Annual Analysis for 1980 - Station GATE0196

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	6	14.	15.5	27.	6.	77.5	8.803	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	6	6.5	6.5	10.	4.	5.5	2.345	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	6	7.5	83.167	460.	1.5	34136.467	184.761	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	6	0.822	0.997	2.663	0.176	0.877	0.937	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			9.926								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	6	## 6.25	20.583	93.	1.5	1291.942	35.944	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	6	## 0.609	0.786	1.968	0.176	0.546	0.739	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.105								

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Annual Analysis for 1980 - Station GATE0196

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	6	1400.	4615.	11330.	1130.	26268670.	5125.297	**	**	**	**

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Annual Analysis for 1981 - Station GATE0196

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	7	20.	21.	31.	10.	41.667	6.455	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	7	10.	9.714	15.	3.	20.571	4.536	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	7	23.	25.857	93.	4.	948.143	30.792	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	7	1.362	1.198	1.968	0.602	0.211	0.459	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			15.787								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	7	9.	20.357	93.	1.5	1077.726	32.829	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	7	0.954	0.928	1.968	0.176	0.358	0.598	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.467								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	7	1230.	5502.857	11400.	1130.	29177257.143	5401.598	**	**	**	**

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Annual Analysis for 1982 - Station GATE0196

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	10	15.5	15.8	26.	4.	43.956	6.63	4.4	11.75	21.25	25.6
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	10	5.5	6.4	15.	1.	18.711	4.326	1.2	3.	10.	14.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	8	33.	34.625	91.	4.	765.696	27.671	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	8	1.498	1.379	1.959	0.602	0.203	0.45	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			23.92								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	8	9.	17.188	43.	1.5	229.281	15.142	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	8	0.954	1.054	1.633	0.176	0.218	0.467	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.335								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	10	11228.	7303.	11521.	1204.	27514329.556	5245.41	1204.	1212.25	11429.25	11520.3

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Annual Analysis for 1983 - Station GATE0196

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	14	15.5	13.429	22.	0.	45.802	6.768	2.5	7.5	18.75	21.5
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	14	11.	9.786	15.	1.	27.874	5.28	1.	5.75	15.	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	14	39.5	369.857	4600.	9.	1483313.67	1217.914	9.	15.	91.5	2346.5
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	14	1.595	1.674	3.663	0.954	0.453	0.673	0.954	1.176	1.961	2.816
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			47.162								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	14	25.	42.071	230.	4.	3442.071	58.669	4.	13.	43.	160.5
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	14	1.389	1.361	2.362	0.602	0.24	0.49	0.602	1.093	1.633	2.16
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			22.969								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	14	6275.	6278.786	11550.	1048.	27593770.797	5252.977	1084.5	1145.25	11351.75	11546.

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Annual Analysis for 1984 - Station GATE0196

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	17	19.	18.235	31.	2.	66.566	8.159	6.8	12.	25.	29.4
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	17	9.	8.235	15.	1.	21.191	4.603	1.8	3.5	12.	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	15	43.	385.467	4600.	4.	1365939.267	1168.734	8.2	23.	230.	1978.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	15	1.633	1.819	3.663	0.602	0.512	0.715	0.866	1.362	2.362	2.882
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			65.891								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	15	23.	84.8	930.	3.	55235.314	235.022	3.6	7.	43.	427.8
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	15	1.362	1.302	2.968	0.477	0.406	0.637	0.552	0.845	1.633	2.368
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			20.055								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	17	1420.	5445.471	11542.	1117.	26239330.765	5122.434	1150.6	1249.	11375.	11541.2

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Annual Analysis for 1985 - Station GATE0196

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	11	18.	19.273	32.	7.	58.418	7.643	7.8	12.	26.	30.8
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	11	3.	4.909	15.	2.	17.491	4.182	2.	2.	8.	13.8
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	11	93.	241.182	930.	15.	121054.364	347.929	16.6	43.	230.	930.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	11	1.968	2.	2.968	1.176	0.36	0.6	1.213	1.633	2.362	2.968
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			99.918								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	11	23.	123.	430.	4.	26668.8	163.306	5.	15.	210.	430.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	11	1.362	1.668	2.633	0.602	0.464	0.681	0.672	1.176	2.322	2.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			46.517								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	11	11110.	6759.545	11440.	1102.	27573367.873	5251.035	1113.4	1232.	11431.	11438.4

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Annual Analysis for 1986 - Station GATE0196

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	13	19.	16.	29.	5.	74.167	8.612	5.4	6.5	22.5	28.2
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	13	4.	5.538	14.	1.	17.603	4.196	1.	2.5	9.	13.2
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	13	43.	99.	230.	23.	6159.	78.479	31.	43.	180.	230.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	13	1.633	1.871	2.362	1.362	0.116	0.341	1.47	1.633	2.249	2.362
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			74.279								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	13	15.	55.231	230.	4.	6408.192	80.051	5.2	9.	59.	230.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	13	1.176	1.393	2.362	0.602	0.306	0.554	0.699	0.954	1.754	2.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			24.726								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	13	11208.	8236.231	11554.	1209.	23216786.692	4818.38	1247.4	1332.5	11379.	11547.6

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Annual Analysis for 1987 - Station GATE0196

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	8	13.	13.	22.	7.	24.571	4.957	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	12	5.	6.667	15.	1.	27.697	5.263	1.	1.25	11.5	14.7
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	11	23.	128.273	930.	7.	75020.018	273.898	7.4	9.	93.	790.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	11	1.362	1.528	2.968	0.845	0.459	0.678	0.867	0.954	1.968	2.847
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			33.752								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	11	9.	34.	150.	4.	2166.4	46.545	4.	7.	43.	138.6
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	11	0.954	1.219	2.176	0.602	0.28	0.529	0.602	0.845	1.633	2.135
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			16.573								

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Annual Analysis for 1987 - Station GATE0196

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	12	6327.	6363.	11606.	1151.	26888338.545	5185.397	1232.9	1427.5	11313.	11545.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GATE0196

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	10	14.5	15.	26.	6.	42.	6.481	6.3	9.75	19.	25.9
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	10	6.	5.7	10.	0.	7.789	2.791	0.3	4.5	8.	9.8
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	3	4.	5.333	9.	3.	10.333	3.215	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	3	0.602	0.678	0.954	0.477	0.061	0.247	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			4.762								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	3	4.	3.167	4.	1.5	2.083	1.443	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	3	0.602	0.46	0.602	0.176	0.06	0.246	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.884								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	9	11142.	6873.222	11649.	1223.	28441166.444	5333.026	1223.	1229.	11374.	11649.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0196

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	7	21.	19.571	28.	5.	74.619	8.638	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	7	5.	6.286	15.	1.	25.905	5.09	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	5	93.	158.2	430.	15.	30516.7	174.69	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	5	1.968	1.9	2.633	1.176	0.392	0.626	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			79.488								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	5	21.	36.2	93.	9.	1173.2	34.252	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	5	1.322	1.411	1.968	0.954	0.158	0.397	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			25.757								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	7	11213.	8422.	11426.	1248.	23461266.333	4843.683	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0196

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	9	19.	16.556	25.	5.	53.778	7.333	5.	8.5	22.5	25.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	9	10.	9.778	15.	4.	17.194	4.147	4.	6.	14.5	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	2	7.	7.	7.	7.	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	2	0.845	0.845	0.845	0.845	0.	0.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			7.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	2	5.5	5.5	7.	4.	4.5	2.121	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	2	0.724	0.724	0.845	0.602	0.03	0.172	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.292								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	9	1515.	5779.333	11340.	1258.	26706432.25	5167.827	1258.	1416.	11277.5	11340.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0196

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	7	24.	20.286	30.	6.	88.905	9.429	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	7	8.	7.857	14.	1.	17.143	4.14	**	**	**	**
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	7	1521.	5666.143	11554.	1322.	27990669.143	5290.621	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0196

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	11	8.	11.	23.	5.	35.	5.916	5.2	6.	17.	22.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	11	8.	7.455	15.	1.	20.473	4.525	1.2	2.	10.	14.4
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	5	9.	13.8	43.	4.	272.7	16.514	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	5	0.954	0.949	1.633	0.602	0.177	0.421	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			8.896								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	5	4.	6.8	23.	1.5	83.575	9.142	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	5	0.602	0.584	1.362	0.176	0.235	0.484	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.834								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	11	11118.	7601.727	11634.	1011.	25884188.418	5087.651	1032.8	1303.	11255.	11596.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station GATE0196

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	3	10.	10.	15.	5.	25.	5.	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	3	14.	12.667	14.	10.	5.333	2.309	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	3	21.	23.	28.	20.	19.	4.359	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	3	1.322	1.357	1.447	1.301	0.006	0.079	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			22.741								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	3	20.	18.667	21.	15.	10.333	3.215	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	3	1.301	1.266	1.322	1.176	0.006	0.079	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			18.469								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	3	1444.	4703.667	11258.	1409.	32219770.333	5676.246	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station GATE0196

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	9	13.	12.	24.	1.	70.25	8.382	1.	2.5	19.	24.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	9	10.	10.667	14.	2.	14.	3.742	2.	10.	14.	14.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	8	12.	44.813	150.	1.5	4248.567	65.181	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	8	1.065	1.189	2.176	0.176	0.492	0.701	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			15.47								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	8	8.	7.313	15.	1.5	17.638	4.2	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	8	0.9	0.783	1.176	0.176	0.097	0.312	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.068								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	9	11104.	6905.444	11557.	1220.	27424449.528	5236.836	1220.	1402.	11391.	11557.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0196

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	44	20.5	20.523	32.	11.	30.348	5.509	12.	16.25	25.	27.5
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	47	6.	6.957	15.	0.	21.389	4.625	1.	3.	10.	15.
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	36	25.5	89.458	930.	1.5	29428.82	171.548	4.	9.	93.	230.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	36	1.404	1.469	2.968	0.176	0.434	0.659	0.602	0.954	1.968	2.362
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			29.414								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	36	9.	34.778	230.	1.5	3185.235	56.438	1.5	4.	38.	110.1
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	36	0.954	1.098	2.362	0.176	0.394	0.628	0.176	0.602	1.566	2.031
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.528								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	10	11.55	22.07	93.	3.6	757.998	27.532	3.6	6.375	28.	88.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/88-08/08/95	10	1.053	1.118	1.968	0.556	0.2	0.447	0.556	0.787	1.43	1.935
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			13.122								
70211p	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	47	1515.	6186.936	11557.	1048.	25589083.67	5058.565	1135.6	1300.	11300.	11436.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0196

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	52	7.5	8.115	19.	0.	17.124	4.138	3.3	5.25	10.	14.7
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	61	8.	8.41	20.	0.	24.246	4.924	2.	4.5	14.	15.
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	49	43.	140.204	2400.	3.	132147.457	363.521	9.	20.5	93.	230.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	49	1.633	1.68	3.38	0.477	0.338	0.581	0.954	1.312	1.968	2.362
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			47.86								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	44	23.	47.193	430.	1.5	5433.037	73.709	4.	9.	43.	93.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	44	1.362	1.361	2.633	0.176	0.28	0.529	0.602	0.954	1.633	1.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			22.97								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	12	9.1	21.583	93.	1.5	711.874	26.681	1.5	4.975	38.	78.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/88-08/08/95	12	0.959	1.041	1.968	0.176	0.312	0.559	0.176	0.657	1.566	1.868
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			10.981								
70211p	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	63	11100.	6543.73	11634.	1000.	25434560.684	5043.269	1159.6	1321.	11329.	11444.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

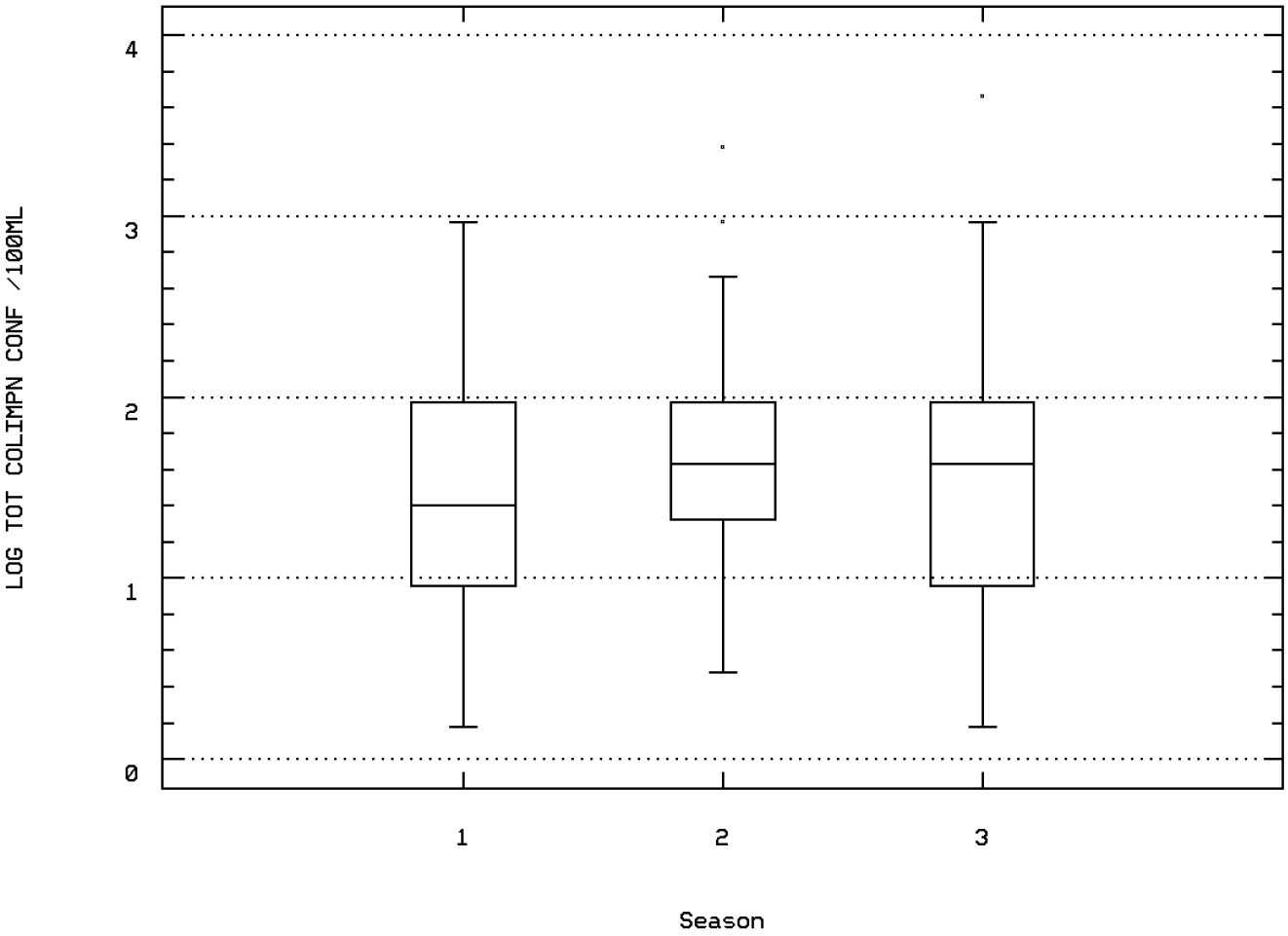
Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0196

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	71	20.	20.08	31.	8.	35.466	5.955	12.	15.	25.5	28.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	77	6.	7.091	20.	0.	20.794	4.56	2.	3.	10.	14.
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	68	43.	203.243	4600.	1.5	609733.877	780.855	4.	9.	93.	230.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	68	1.633	1.535	3.663	0.176	0.499	0.707	0.602	0.954	1.968	2.362
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			34.261								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	68	9.	40.471	930.	1.5	15516.104	124.564	1.5	4.75	23.	48.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	68	0.954	1.087	2.968	0.176	0.334	0.578	0.176	0.663	1.362	1.667
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.227								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	8	9.1	12.563	23.	3.6	79.031	8.89	**	**	**	**
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/88-08/08/95	8	0.959	0.988	1.362	0.556	0.119	0.345	**	**	**	**
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			9.72								
70211p	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	76	11130.	7471.	11649.	1117.	23901961.387	4888.963	1187.7	1358.75	11300.	11445.3

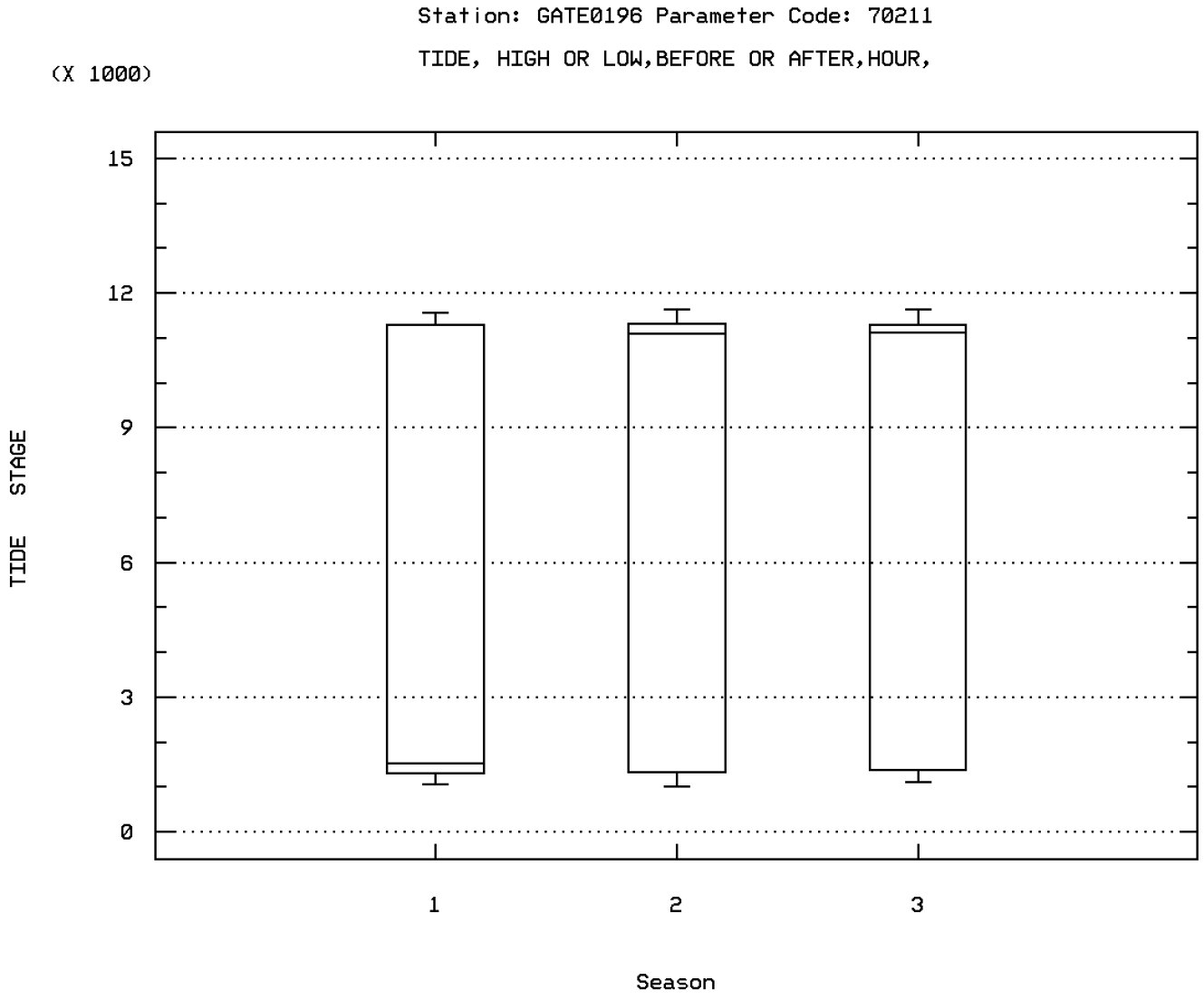
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: GATE0196 Parameter Code: 31505

LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C



NAVESINK RIVER



NAVESINK RIVER

Station Inventory for Station: GATE0197

NPS Station ID: GATE0197 LAT/LON: 40.427781/ -73.981948 Agency: 11NYBGHT Date Created: 04/06/96
Location: NEW JERSEY BEACHES -SANDY HOOK STATE PARK BEACH FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/OCEAN/NRSHRE/NET STORET Station ID(s): JC03 /JC3 /JC-3
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 02030104 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST Elevation: 0 Water Body Id:
Minor Basin: ATLANTIC OCEAN ECO Region:
RF1 Index: 02030104006 RF1 Mile Point: 8.250 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:
ATLANTIC OCEAN- NEW YORK BIGHT SURVEILLANCE NETWORK(CURRENT) BEACH AT SANDY HOOK STATE PARK. TO REAR OF ISOLATED WHITE SHINGLE BUILDING WITH LOOKOUT TOWER AND MAST. EAST SIDE OF ROAD SIGN "SPERMACETI COVE NATURE CENTER".

Parameter Inventory for Station: GATE0197

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	05/24/95-08/28/96	26	0.	1.885	28.	0.	32.426	5.694	0.	0.	1.25	4.4
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	05/24/95-08/28/96	26	0.	0.14	1.447	0.	0.118	0.343	0.	0.	0.075	0.511
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.382								
31649	ENTEROCOCCI- ME-MF N0/100ML	05/24/95-08/28/96	25	0.	0.8	15.	0.	9.417	3.069	0.	0.	0.	2.2
31649	LOG ENTEROCOCCI- ME-MF N0/1	05/24/95-08/28/96	25	0.	0.071	1.176	0.	0.067	0.26	0.	0.	0.	0.241
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.178								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0197

				Total	Exceed	Prop.	----------8/01-10/31----------			----------11/01-3/31----------			----------4/01-7/31----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	26	0	0.00	9	0	0.00				17	0	0.00			
31649	ENTEROCOCCI, ME, MF	Other-Hi Lim.	33.	25	0	0.00	9	0	0.00				16	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0198

NPS Station ID: GATE0198 | LAT/LON: 40.426670/ -73.982171 | Agency: 11NPSWRD | Date Created: 01/07/97
Location: Sandy Hook Visitor Center Area Beach | FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/OCEAN | STORET Station ID(s): GATE_SH-7
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 02030104 | Depth of Water: 0 | Aquifer:
Major Basin: NORTHEAST | Elevation: 0 | Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METROPOLITAN AREA | ECO Region:
RF1 Index: 02030104 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 02030202104200.00 | RF3 Mile Point: 0.00 | Distance from RF3: 4.93 | On/Off RF3:
Description:
Station is a beach sampling site located near the Visitor Center in the Sandy Hook Unit of Gateway National Recreation Area. The station can be found on the USGS 7.5' Sandy Hook N.Y.-N.J. quadrangle. Samples were collected at this location only in 1977 - the first year of NPS sampling at Gateway. For additional information on the water quality data stored at this station; contact the Division of Natural Resources at Gateway National Recreation Area - Building 210; Fort Wadsworth; Staten Island N.Y. 10305 (tel. 718-448-5505; fax. 718-448-4015). The park produces an Annual Report summarizing each year's monitoring activities. Data processed and uploaded to STORET by Dean Tucker; NPS Water Resources Division; 1201 Oak Ridge Drive Ste. 250; Fort Collins CO 80525 (tel. 970-225-3516; fax. 970-225-9965).

Parameter Inventory for Station: GATE0198

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/15/77-08/25/77	13	20.	30.	150.	0.	1450.	38.079	0.	10.	30.	106.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/15/77-08/25/77	13	1.301	1.199	2.176	0.	0.368	0.606	0.	1.	1.477	1.946
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			15.82								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/15/77-08/25/77	12	0.	0.417	5.	0.	2.083	1.443	0.	0.	0.	3.5
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/15/77-08/25/77	12	0.	0.058	0.699	0.	0.041	0.202	0.	0.	0.	0.489
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.144								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0198

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	13	0	0.00	5	0	0.00				8	0	0.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	12	0	0.00	4	0	0.00				8	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0199

NPS Station ID: GATE0199
LAT/LON: 40.411670/ -73.981948
Agency: 21NJDEP1
Date Created: 04/04/81
Location: SANDY HOOK BAY
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): L6975436814 /904B /SF02033 /C19
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST MAJOR BASIN
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA
ECO Region:
RF1 Index: 02030104006
RF1 Mile Point: 8.770
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J.
TIDE CORRECTION (H/L): (-0:01/ 0:00)
ASSOCIATED NOAA WEATHER STATION: 7865

Parameter Inventory for Station: GATE0199

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GATE0200

NPS Station ID: GATE0200
LAT/LON: 40.399726/ -73.981948
Agency: 21NJDEP1
Date Created: 10/17/87
Location: MILLER STREET BEACH HIGHLANDS
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): L6973436742 /CCMPMC0050
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST MAJOR BASIN
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA
ECO Region:
RF1 Index: 02030104
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0200

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/04/87-09/13/93	142	23.	73.408	900.	1.	18720.797	136.824	6.3	11.	70.	205.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	05/04/87-09/13/93	142	1.362	1.45	2.954	0.	0.348	0.59	0.798	1.041	1.845	2.309
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			28.167								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Annual Analysis for 1987 - Station GATE0200

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/04/87-09/13/93	22	30.	71.591	500.	1.	12352.063	111.14	7.3	13.	80.	205.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	05/04/87-09/13/93	22	1.477	1.509	2.699	0.	0.341	0.584	0.862	1.114	1.903	2.309
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			32.291								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GATE0200

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/04/87-09/13/93	21	30.	134.048	900.	2.	46248.248	215.054	4.	13.	170.	460.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	05/04/87-09/13/93	21	1.477	1.634	2.954	0.301	0.533	0.73	0.602	1.114	2.23	2.655
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			43.008								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0200

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/04/87-09/13/93	21	30.	84.095	500.	4.	15978.39	126.406	7.2	23.	70.	300.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	05/04/87-09/13/93	21	1.477	1.588	2.699	0.602	0.296	0.544	0.857	1.362	1.845	2.477
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			38.743								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0200

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/04/87-09/13/93	19	50.	74.211	350.	4.	8021.398	89.562	6.	11.	80.	240.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	05/04/87-09/13/93	19	1.699	1.58	2.544	0.602	0.299	0.547	0.778	1.041	1.903	2.38
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			38.06								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0200

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/04/87-09/13/93	21	17.	79.429	900.	8.	38415.157	195.998	8.	8.	50.	220.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	05/04/87-09/13/93	21	1.23	1.408	2.954	0.903	0.3	0.548	0.903	0.903	1.699	2.333
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			25.583								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0200

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/04/87-09/13/93	20	20.	39.25	240.	2.	3001.461	54.786	2.	8.	65.	80.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	05/04/87-09/13/93	20	1.296	1.257	2.38	0.301	0.349	0.591	0.301	0.903	1.809	1.903
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			18.091								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station GATE0200

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/04/87-09/13/93	18	13.	22.5	130.	2.	914.147	30.235	3.8	8.	24.	58.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	05/04/87-09/13/93	18	1.114	1.126	2.114	0.301	0.188	0.434	0.572	0.903	1.376	1.74
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			13.357								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0200

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/04/87-09/13/93	50	30.	86.26	900.	2.	21797.747	147.641	8.	16.	80.	240.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	05/04/87-09/13/93	50	1.477	1.552	2.954	0.301	0.33	0.575	0.903	1.201	1.903	2.38
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			35.656								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0200

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/04/87-09/13/93	92	23.	66.424	900.	1.	17129.632	130.88	4.	11.	70.	140.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	05/04/87-09/13/93	92	1.362	1.394	2.954	0.	0.353	0.594	0.602	1.041	1.845	2.146
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			24.78								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0201

NPS Station ID: GATE0201 LAT/LON: 40.427781/ -73.981948 Agency: 1111H030 Date Created: / /
Location: NEW JERSEY BEACHES FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/OCEAN STORET Station ID(s): JC03 /JC3 /JC-3
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 02030104 Depth of Water: 0 Aquifer:
Major Basin: ATLANTIC OCEAN Elevation: 0 Water Body Id:
Minor Basin: JERSEY COAST-SANDY HOOK STATE PARK BEACH ECO Region:
RF1 Index: 02030104006 RF1 Mile Point: 8.250 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:
BEACH AT SANDY HOOK STATE PARK. TO REAR OF ISOLATED WHITE SHINGLE BUILDING WITH LOOKOUT TOWER AND MAST. EAST SIDE OF ROAD SIGN "SPERMACETI COVE NATURE CENTER".

Parameter Inventory for Station: GATE0201

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/17/72-04/17/72	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/17/72-04/17/72	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/17/72-04/17/72	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/17/72-04/17/72	1	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/17/72-04/17/72	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/17/72-04/17/72	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/17/72-04/17/72	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	04/17/72-04/17/72	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/17/72-04/17/72	1	40.	40.	40.	40.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/72-09/30/81	150	8.	60.307	1600.	0.	32615.382	180.597	1.	2.	32.	131.6
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/72-09/30/81	150	0.903	1.022	3.204	0.	0.602	0.776	0.	0.301	1.505	2.119
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			10.522								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-08/31/94	320	0.	2.914	228.	0.	202.617	14.234	0.	0.	1.	5.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-08/31/94	320	0.	0.175	2.358	-0.301	0.144	0.38	0.	0.	0.	0.699
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.497								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/72-04/17/72	1	4.	4.	4.	4.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/72-04/17/72	1	0.602	0.602	0.602	0.602	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4.								
31649	ENTEROCOCCI- ME-MF N0/100ML	08/05/84-08/31/94	131	0.	1.176	44.	0.	30.684	5.539	0.	0.	0.	2.
31649	LOG ENTEROCOCCI- ME-MF N0/1	08/05/84-08/31/94	131	0.	0.081	1.643	0.	0.07	0.264	0.	0.	0.	0.301
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.206								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/20/77-08/20/77	1	2.	2.	2.	2.	0.	0.	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/20/77-08/20/77	1	0.301	0.301	0.301	0.301	0.	0.	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			2.								
31710	STAPHYLOCOCCUS AUREUS MF TECH. CONF GRAM STAIN	07/29/78-07/29/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31710	LOG STAPHYLOCOCCUS AUREUS MF TECH. CONF GRAM STAIN	07/29/78-07/29/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31710	GM STAPHYLOCOCCUS AUREUS MF TECH. CONF GRAM STAIN	GEOMETRIC MEAN =			1.								
71201	SALMONELLA (CELITE FILTRATION) 1=PRESENT,0=ABSENT	07/29/78-07/29/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71201	LOG SALMONELLA (CELITE FILTRATION) 1=PRESENT,0=ABS	07/29/78-07/29/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71201	GM SALMONELLA (CELITE FILTRATION) 1=PRESENT,0=ABSE	GEOMETRIC MEAN =			1.								
71220	PSEUDOMONAS AERUGINOSA,MF IN WATER,MPA MED,/100ML	07/29/78-08/21/91	7	0.	1.143	4.	0.	3.81	1.952	**	**	**	**
71220	LOG PSEUDOMONAS AERUGINOSA,MF IN WATER,MPA MED,/10	07/29/78-08/21/91	7	0.	0.172	0.602	0.	0.086	0.294	**	**	**	**
71220	GM PSEUDOMONAS AERUGINOSA,MF IN WATER,MPA MED,/100	GEOMETRIC MEAN =			1.486								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GATE0201

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71900	MERCURY, TOTAL (UG/L AS HG)	04/17/72-04/17/72	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0201

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00							1	0	0.00			
01002	ARSENIC, TOTAL	Marine Acute	69.	1	0	0.00							1	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	150	2	0.01	49	1	0.02	18	0	0.00	83	1	0.01			
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	320	1	0.00	117	1	0.01	20	0	0.00	183	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00							1	0	0.00			
31649	ENTEROCOCCI, ME, MF	Other-Hi Lim.	35.	131	2	0.02	51	2	0.04				80	0	0.00			
71900	MERCURY, TOTAL	Marine Acute	2.1	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1972 - Station GATE0201

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/72-09/30/81	1	36.	36.	36.	36.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/72-09/30/81	1	1.556	1.556	1.556	1.556	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			36.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station GATE0201

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/72-09/30/81	12	30.	48.5	216.	3.	3800.636	61.649	3.3	10.5	54.75	187.2
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/72-09/30/81	12	1.476	1.399	2.334	0.477	0.301	0.548	0.515	1.02	1.731	2.258
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			25.082								
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-08/31/94	11	3.	7.409	46.	0.5	170.941	13.074	0.6	2.	7.	38.6
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-08/31/94	11	0.477	0.527	1.663	-0.301	0.276	0.525	-0.241	0.301	0.845	1.521
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			3.365								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GATE0201

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/72-09/30/81	16	14.5	103.438	1000.	4.	61018.529	247.019	4.7	8.75	106.75	428.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/72-09/30/81	16	1.155	1.392	3.	0.602	0.451	0.671	0.67	0.938	1.963	2.485
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			24.653								
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-08/31/94	16	1.	17.938	228.	0.	3173.929	56.338	0.	0.	11.	81.7
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-08/31/94	16	0.	0.442	2.358	0.	0.497	0.705	0.	0.	1.035	1.603
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			2.765								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station GATE0201

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/72-09/30/81	18	56.	89.389	500.	0.	14964.134	122.328	0.9	4.5	128.	244.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/72-09/30/81	18	1.704	1.41	2.699	0.	0.775	0.88	0.	0.644	2.107	2.371
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			25.723								
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-08/31/94	18	2.5	4.389	20.	0.	29.428	5.425	0.	0.	7.	14.6
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-08/31/94	18	0.389	0.449	1.301	0.	0.198	0.445	0.	0.	0.845	1.162
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			2.809								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GATE0201

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/72-09/30/81	44	7.	78.659	1600.	0.	65943.393	256.794	1.	2.	23.5	198.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/72-09/30/81	44	0.845	0.994	3.204	0.	0.645	0.803	0.	0.301	1.371	2.296
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			9.854								
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-08/31/94	44	0.	5.25	56.	0.	162.424	12.745	0.	0.	3.	17.5
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-08/31/94	44	0.	0.286	1.748	0.	0.277	0.526	0.	0.	0.477	1.234
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.93								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GATE0201

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/72-09/30/81	16	8.	64.688	820.	1.	40765.296	201.904	1.	2.25	26.5	278.2
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/72-09/30/81	16	0.903	1.009	2.914	0.	0.553	0.743	0.	0.345	1.421	2.038
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			10.199								
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-08/31/94	16	1.	4.313	40.	0.	102.496	10.124	0.	0.	2.75	21.8
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-08/31/94	16	0.	0.296	1.602	0.	0.223	0.472	0.	0.	0.433	1.283
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.975								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station GATE0201

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/72-09/30/81	16	13.5	36.438	208.	2.	2733.463	52.283	2.	4.75	48.5	121.2
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/72-09/30/81	16	1.091	1.182	2.318	0.301	0.388	0.623	0.301	0.663	1.685	2.042
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			15.218								
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-08/31/94	16	0.5	1.188	8.	0.	4.429	2.105	0.	0.	1.	5.2
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-08/31/94	16	0.	0.113	0.903	0.	0.071	0.266	0.	0.	0.	0.692
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.297								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GATE0201

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/72-09/30/81	15	1.	1.933	11.	0.	7.495	2.738	0.	1.	2.	6.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/72-09/30/81	15	0.	0.182	1.041	0.	0.097	0.312	0.	0.	0.301	0.778
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.519								
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-08/31/94	15	0.	0.133	1.	0.	0.124	0.352	0.	0.	0.	1.
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-08/31/94	15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station GATE0201

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/72-09/30/81	12	3.	4.667	18.	0.	28.061	5.297	0.3	1.25	6.25	16.2
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/72-09/30/81	12	0.477	0.485	1.255	0.	0.169	0.412	0.	0.075	0.784	1.202
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.052								
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-08/31/94	12	0.	0.417	2.	0.	0.447	0.669	0.	0.	1.	1.7
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-08/31/94	12	0.	0.025	0.301	0.	0.008	0.087	0.	0.	0.	0.211
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.059								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station GATE0201

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-08/31/94	14	0.	0.143	2.	0.	0.286	0.535	0.	0.	0.	1.
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-08/31/94	14	0.	0.022	0.301	0.	0.006	0.08	0.	0.	0.	0.151
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.051								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station GATE0201

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-08/31/94	14	0.	0.714	3.	0.	1.143	1.069	0.	0.	1.	3.
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-08/31/94	14	0.	0.068	0.477	0.	0.03	0.173	0.	0.	0.	0.477
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.17								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GATE0201

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-08/31/94	14	0.	0.429	1.	0.	0.264	0.514	0.	0.	1.	1.
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-08/31/94	14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.								
31649	ENTEROCOCCI- ME-MF N0/100ML	08/05/84-08/31/94	1	44.	44.	44.	44.	0.	0.	**	**	**	**
31649	LOG ENTEROCOCCI- ME-MF N0/1	08/05/84-08/31/94	1	1.643	1.643	1.643	1.643	0.	0.	**	**	**	**
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			44.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GATE0201

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-08/31/94	10	0.	2.5	19.	0.	35.389	5.949	0.	0.	2.5	17.5
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-08/31/94	10	0.	0.218	1.279	0.	0.179	0.423	0.	0.	0.376	1.211
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.653								
31649	ENTEROCOCCI- ME-MF N0/100ML	08/05/84-08/31/94	10	0.	2.1	11.	0.	13.211	3.635	0.	0.	4.25	10.4
31649	LOG ENTEROCOCCI- ME-MF N0/1	08/05/84-08/31/94	10	0.	0.234	1.041	0.	0.154	0.393	0.	0.	0.626	1.007
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.715								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GATE0201

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-08/31/94	13	0.	1.077	4.	0.	2.244	1.498	0.	0.	2.5	3.6
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-08/31/94	13	0.	0.166	0.602	0.	0.053	0.231	0.	0.	0.389	0.552
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.466								
31649	ENTEROCOCCI- ME-MF N0/100ML	08/05/84-08/31/94	13	0.	0.615	3.	0.	1.09	1.044	0.	0.	1.5	2.6
31649	LOG ENTEROCOCCI- ME-MF N0/1	08/05/84-08/31/94	13	0.	0.083	0.477	0.	0.027	0.163	0.	0.	0.151	0.407
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.211								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GATE0201

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-08/31/94	16	0.	0.5	2.	0.	0.533	0.73	0.	0.	1.	2.
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-08/31/94	16	0.	0.038	0.301	0.	0.011	0.103	0.	0.	0.	0.301
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.091								
31649	ENTEROCOCCI- ME-MF N0/100ML	08/05/84-08/31/94	16	0.	3.25	44.	0.	119.8	10.945	0.	0.	0.75	16.7
31649	LOG ENTEROCOCCI- ME-MF N0/1	08/05/84-08/31/94	16	0.	0.165	1.643	0.	0.19	0.435	0.	0.	0.	0.982
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.463								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GATE0201

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-08/31/94	12	0.	1.	5.	0.	2.545	1.595	0.	0.	1.75	4.4
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-08/31/94	12	0.	0.123	0.699	0.	0.057	0.238	0.	0.	0.226	0.632
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.328								
31649	ENTEROCOCCI- ME-MF N0/100ML	08/05/84-08/31/94	12	0.	0.5	3.	0.	1.	1.	0.	0.	0.75	2.7
31649	LOG ENTEROCOCCI- ME-MF N0/1	08/05/84-08/31/94	12	0.	0.065	0.477	0.	0.024	0.156	0.	0.	0.	0.424
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.161								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0201

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-08/31/94	10	0.5	1.6	7.	0.	6.044	2.459	0.	0.	2.75	6.8
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-08/31/94	10	0.	0.185	0.845	0.	0.106	0.325	0.	0.	0.401	0.83
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.529								
31649	ENTEROCOCCI- ME-MF N0/100ML	08/05/84-08/31/94	10	0.	0.3	3.	0.	0.9	0.949	0.	0.	0.	2.7
31649	LOG ENTEROCOCCI- ME-MF N0/1	08/05/84-08/31/94	10	0.	0.048	0.477	0.	0.023	0.151	0.	0.	0.	0.429
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.116								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0201

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-08/31/94	14	0.5	1.214	4.	0.	2.489	1.578	0.	0.	3.	4.
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-08/31/94	14	0.	0.154	0.602	0.	0.065	0.255	0.	0.	0.477	0.602
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.426								
31649	ENTEROCOCCI- ME-MF N0/100ML	08/05/84-08/31/94	14	0.5	0.929	6.	0.	2.533	1.592	0.	0.	1.	4.
31649	LOG ENTEROCOCCI- ME-MF N0/1	08/05/84-08/31/94	14	0.	0.077	0.778	0.	0.047	0.217	0.	0.	0.	0.54
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.194								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0201

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-08/31/94	13	0.	0.538	2.	0.	0.603	0.776	0.	0.	1.	2.
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-08/31/94	13	0.	0.046	0.301	0.	0.013	0.113	0.	0.	0.	0.301
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.113								
31649	ENTEROCOCCI- ME-MF N0/100ML	08/05/84-08/31/94	13	0.	0.462	4.	0.	1.269	1.127	0.	0.	0.5	2.8
31649	LOG ENTEROCOCCI- ME-MF N0/1	08/05/84-08/31/94	13	0.	0.046	0.602	0.	0.028	0.167	0.	0.	0.	0.361
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.113								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0201

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-08/31/94	15	0.	0.333	5.	0.	1.667	1.291	0.	0.	0.	2.
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-08/31/94	15	0.	0.047	0.699	0.	0.033	0.18	0.	0.	0.	0.28
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.113								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0201

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31649	ENTEROCOCCI- ME-MF N0/100ML	08/05/84-08/31/94	15	0.	0.067	1.	0.	0.067	0.258	0.	0.	0.	0.4
31649	LOG ENTEROCOCCI- ME-MF N0/1	08/05/84-08/31/94	15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station GATE0201

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-08/31/94	12	0.	1.25	15.	0.	18.75	4.33	0.	0.	0.	10.5
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-08/31/94	12	0.	0.098	1.176	0.	0.115	0.34	0.	0.	0.	0.823
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.253								
31649	ENTEROCOCCI- ME-MF N0/100ML	08/05/84-08/31/94	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31649	LOG ENTEROCOCCI- ME-MF N0/1	08/05/84-08/31/94	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

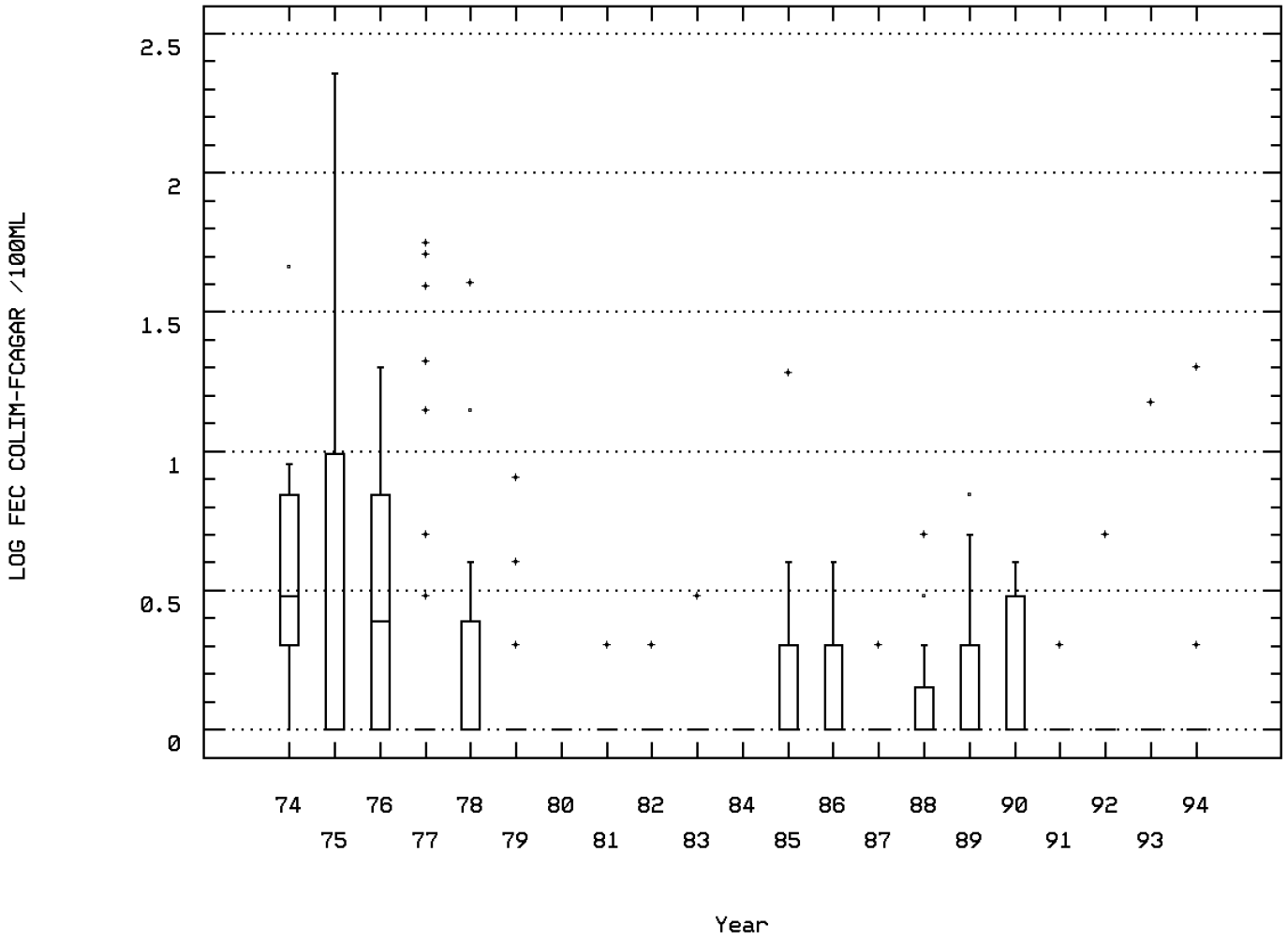
Annual Analysis for 1994 - Station GATE0201

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-08/31/94	15	0.	1.467	20.	0.	26.552	5.153	0.	0.	0.	9.2
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-08/31/94	15	0.	0.107	1.301	0.	0.115	0.339	0.	0.	0.	0.701
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.279								
31649	ENTEROCOCCI- ME-MF N0/100ML	08/05/84-08/31/94	15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31649	LOG ENTEROCOCCI- ME-MF N0/1	08/05/84-08/31/94	15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: GATE0201 Parameter Code: 31613

LOG FECAL COLIFORM,MEMBR FILTER,M-FC AG



NEW JERSEY BEACHES

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0201

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/72-09/30/81	49	11.	60.224	1000.	0.	23196.761	152.305	1.	3.	48.	176.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/72-09/30/81	49	1.041	1.125	3.	0.	0.586	0.765	0.	0.477	1.681	2.246
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			13.334								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-08/31/94	117	0.	3.885	228.	0.	454.144	21.311	0.	0.	2.	7.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-08/31/94	117	0.	0.192	2.358	-0.301	0.165	0.406	0.	0.	0.301	0.845
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.555								
31649	ENTEROCOCCI- ME-MF N0/100ML	08/05/84-08/31/94	51	0.	2.216	44.	0.	74.093	8.608	0.	0.	1.	3.
31649	LOG ENTEROCOCCI- ME-MF N0/1	08/05/84-08/31/94	51	0.	0.122	1.643	0.	0.125	0.353	0.	0.	0.	0.477
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.324								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0201

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/72-09/30/81	18	81.	133.722	580.	1.	27409.507	165.558	1.9	21.75	185.	508.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/72-09/30/81	18	1.851	1.712	2.763	0.	0.573	0.757	0.271	1.337	2.267	2.705
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			51.505								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-08/31/94	20	6.5	11.9	51.	0.	249.989	15.811	0.	1.	17.75	45.3
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-08/31/94	20	0.812	0.686	1.708	0.	0.414	0.644	0.	0.	1.246	1.656
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			4.855								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0201

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/72-09/30/81	83	6.	44.434	1600.	0.	38565.322	196.381	1.	2.	16.	53.6
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/72-09/30/81	83	0.778	0.812	3.204	0.	0.477	0.691	0.	0.301	1.204	1.724
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			6.483								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-08/31/94	183	0.	1.311	56.	0.	27.523	5.246	0.	0.	1.	3.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-08/31/94	183	0.	0.109	1.748	0.	0.071	0.267	0.	0.	0.	0.477
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.285								
31649	ENTEROCOCCI- ME-MF N0/100ML	08/05/84-08/31/94	80	0.	0.513	11.	0.	2.456	1.567	0.	0.	0.	1.9
31649	LOG ENTEROCOCCI- ME-MF N0/1	08/05/84-08/31/94	80	0.	0.055	1.041	0.	0.034	0.184	0.	0.	0.	0.271
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.136								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0202

NPS Station ID: GATE0202 | LAT/LON: 40.428087/ -73.982448 | Agency: 11NPSWRD | Date Created: 12/21/96
Location: Lot D | FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/OCEAN | STORET Station ID(s): GATE_SH-3
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 02030104 | Depth of Water: 0 | Aquifer:
Major Basin: NORTHEAST | Elevation: 0 | Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METROPOLITAN AREA | ECO Region:
RF1 Index: 02030104 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 02030202104200.00 | RF3 Mile Point: 0.00 | Distance from RF3: 4.93 | On/Off RF3:
Description:
Station is a beach sampling site located near Lot D in the Sandy Hook Unit of Gateway National Recreation Area. The station can be found on the USGS 7.5' Sandy Hook N.Y.-N.J. quadrangle. Samples are collected at the swimming beach northeast of the Sandy Hook Unit Visitor Center near Parking Lot D. For additional information on the water quality data stored at this station; contact the Division of Natural Resources at Gateway National Recreation Area - Building 210; Fort Wadsworth; Staten Island N.Y. 10305 (tel. 718-448-5505; fax. 718-448-4015). The park produces an Annual Report summarizing each year's monitoring activities. Data processed and uploaded to STORET by Dean Tucker; NPS Water Resources Division; 1201 Oak Ridge Drive Ste. 250; Fort Collins CO 80525 (tel. 970-225-3516; fax. 970-225-9965).

Parameter Inventory for Station: GATE0202

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/02/88-08/28/96	131	13.	123.389	4891.	0.	290499.84	538.98	0.	0.	58.	161.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/02/88-08/28/96	131	1.114	0.973	3.689	0.	0.985	0.993	0.	0.	1.763	2.206
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			9.399								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	134	0.	16.985	319.	0.	1739.91	41.712	0.	0.	29.	58.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	134	0.	0.49	2.504	0.	0.574	0.757	0.	0.	1.462	1.763
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.088								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0202

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	131	4	0.03	44	2	0.05				87	2	0.02			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	134	1	0.01	47	0	0.00				87	1	0.01			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1988 - Station GATE0202

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/02/88-08/28/96	17	22.	48.706	267.	0.	4652.346	68.208	0.	0.	78.5	147.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/02/88-08/28/96	17	1.342	1.159	2.427	0.	0.728	0.853	0.	0.	1.88	2.14
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			14.437								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	17	0.	9.647	62.	0.	315.243	17.755	0.	0.	12.	47.6
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	17	0.	0.499	1.792	0.	0.438	0.662	0.	0.	1.078	1.673
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.158								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0202

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/02/88-08/28/96	16	31.	461.125	4891.	0.	1485969.717	1219.004	0.	2.75	305.25	2264.6
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/02/88-08/28/96	16	1.49	1.534	3.689	0.	1.345	1.16	0.	0.26	2.464	3.246
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			34.16								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	16	0.	10.063	99.	0.	625.663	25.013	0.	0.	11.	50.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	16	0.	0.411	1.996	0.	0.444	0.667	0.	0.	1.041	1.622
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.579								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0202

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/02/88-08/28/96	14	29.	39.357	145.	0.	2148.709	46.354	0.	0.	65.25	130.5
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/02/88-08/28/96	14	1.462	1.089	2.161	0.	0.762	0.873	0.	0.	1.807	2.113
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			12.264								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	15	0.	19.333	145.	0.	2122.524	46.071	0.	0.	0.	127.6
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	15	0.	0.379	2.161	0.	0.637	0.798	0.	0.	0.	2.103
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.395								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0202

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/02/88-08/28/96	14	0.	14.5	116.	0.	1132.115	33.647	0.	0.	7.25	87.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/02/88-08/28/96	14	0.	0.378	2.064	0.	0.578	0.76	0.	0.	0.366	1.914
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.387								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	14	0.	14.5	174.	0.	2167.192	46.553	0.	0.	0.	101.5
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	14	0.	0.264	2.241	0.	0.475	0.689	0.	0.	0.	1.851
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.839								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0202

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/02/88-08/28/96	16	0.	250.125	3480.	0.	745672.65	863.523	0.	0.	94.25	1165.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/02/88-08/28/96	16	0.	0.813	3.542	0.	1.369	1.17	0.	0.	1.914	2.631
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			6.505								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0202

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	16	0.	3.625	29.	0.	98.117	9.905	0.	0.	0.	29.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	16	0.	0.183	1.462	0.	0.25	0.5	0.	0.	0.	1.462
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.523								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station GATE0202

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/02/88-08/28/96	16	14.5	23.563	87.	0.	809.463	28.451	0.	0.	50.75	66.7
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/02/88-08/28/96	16	0.731	0.817	1.94	0.	0.73	0.855	0.	0.	1.688	1.816
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			6.568								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	18	0.	8.056	87.	0.	475.467	21.805	0.	0.	0.	34.8
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	18	0.	0.27	1.94	0.	0.396	0.629	0.	0.	0.	1.51
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.863								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station GATE0202

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/02/88-08/28/96	11	33.	180.364	1160.	0.	121895.455	349.135	0.	0.	174.	1015.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/02/88-08/28/96	11	1.519	1.445	3.064	0.	1.121	1.059	0.	0.	2.241	2.979
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			27.875								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	11	29.	37.636	198.	0.	3417.255	58.457	0.	0.	58.	171.6
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	11	1.462	0.94	2.297	0.	0.861	0.928	0.	0.	1.763	2.201
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			8.705								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station GATE0202

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/02/88-08/28/96	14	29.	41.429	232.	0.	3715.187	60.952	0.	0.	58.	159.5
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/02/88-08/28/96	14	1.462	1.082	2.365	0.	0.761	0.872	0.	0.	1.763	2.153
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			12.07								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	14	29.	47.643	319.	0.	6677.17	81.714	0.	0.	58.	188.5
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	14	1.462	1.101	2.504	0.	0.793	0.89	0.	0.	1.763	2.134
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			12.604								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1996 - Station GATE0202

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/02/88-08/28/96	13	0.	20.077	145.	0.	2016.244	44.903	0.	0.	14.5	121.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/02/88-08/28/96	13	0.	0.428	2.161	0.	0.683	0.826	0.	0.	0.731	2.073
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.679								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	13	0.	13.385	58.	0.	366.59	19.147	0.	0.	29.	46.4
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	13	0.	0.586	1.763	0.	0.6	0.775	0.	0.	1.462	1.643
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.851								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0202

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/02/88-08/28/96	44	5.5	184.091	4891.	0.	565810.224	752.204	0.	0.	52.5	304.5
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/02/88-08/28/96	44	0.521	0.949	3.689	0.	1.131	1.064	0.	0.	1.712	2.44
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			8.893								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	47	0.	12.34	145.	0.	789.795	28.103	0.	0.	11.	58.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	47	0.	0.403	2.161	0.	0.508	0.713	0.	0.	1.041	1.763
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.528								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0202

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/02/88-08/28/96	87	22.	92.69	3480.	0.	153383.937	391.643	0.	0.	58.	126.6
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/02/88-08/28/96	87	1.342	0.985	3.542	0.	0.923	0.961	0.	0.	1.763	2.098
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			9.666								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	87	0.	19.494	319.	0.	2250.183	47.436	0.	0.	29.	58.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	87	0.	0.537	2.504	0.	0.609	0.78	0.	0.	1.462	1.763
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.44								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0203

NPS Station ID: GATE0203 LAT/LON: 40.403615/ -73.982226 Agency: 21NJDEP1 Date Created: 04/04/81
Location: SANDY HOOK BAY FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): L6974236766 /902A /SF02002
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 02030104 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST MAJOR BASIN Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA ECO Region:
RF1 Index: 02030104006 RF1 Mile Point: 8.770 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J. TIDE CORRECTION (H/L): (-0:01/ 0:00)
ASSOCIATED NOAA WEATHER STATION: 7865

Parameter Inventory for Station: GATE0203

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-05/18/92	57	18.3	16.072	25.	0.	54.027	7.35	4.66	10.	22.	23.3
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	141	18.	18.872	36.	0.	72.612	8.521	8.	12.	26.	30.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	160	4.	4.856	20.	0.	13.407	3.662	1.	2.	7.75	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	143	23.	110.881	4600.	1.5	174435.299	417.655	4.	9.	91.	230.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	143	1.362	1.394	3.663	0.176	0.467	0.683	0.602	0.954	1.959	2.362
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			24.767								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	135	9.	21.926	430.	1.5	2659.181	51.567	1.5	4.	23.	43.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	135	0.954	0.965	2.633	0.176	0.281	0.53	0.176	0.602	1.362	1.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.223								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/15/90-05/18/92	18	3.	10.961	43.	1.5	232.653	15.253	1.5	1.5	17.	43.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	05/15/90-05/18/92	18	0.477	0.657	1.633	0.176	0.328	0.573	0.176	0.176	1.223	1.633
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			4.542								
31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	01/06/78-12/01/78	7	4.	4.	4.	4.	0.	0.	**	**	**	**
31678	LOG FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATI	01/06/78-12/01/78	7	0.602	0.602	0.602	0.602	0.	0.	**	**	**	**
31678	GM FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATIO	GEOMETRIC MEAN =			4.								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	161	11138.	6977.137	11620.	1110.	24348880.356	4934.458	1259.	1400.5	11301.5	11430.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0203

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	143	4	0.03	35	0	0.00	43	2	0.05	65	2	0.03			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	135	2	0.01	28	1	0.04	42	1	0.02	65	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1973 - Station GATE0203

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	7	5.	6.	12.	3.	8.	2.828	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	7	23.	46.286	93.	4.	1942.905	44.078	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	7	1.362	1.397	1.968	0.602	0.334	0.578	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			24.935								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	7	1545.	5605.714	11515.	1130.	28379795.238	5327.269	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GATE0203

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	10	7.5	8.3	20.	0.	34.9	5.908	0.2	4.25	11.25	19.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	10	93.	244.3	1100.	15.	118677.122	344.495	17.8	43.	460.	1036.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	10	1.968	2.035	3.041	1.176	0.337	0.581	1.222	1.633	2.663	3.004
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			108.364								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	10	43.	42.8	93.	3.	659.956	25.69	5.	23.	51.	91.2
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	10	1.633	1.517	1.968	0.477	0.169	0.411	0.566	1.362	1.694	1.959
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			32.878								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	10	1450.	5308.5	11500.	1145.	26400072.5	5138.1	1155.	1320.	11195.	11484.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GATE0203

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	10	26.	24.9	30.	10.	32.1	5.666	11.4	24.	28.25	29.9
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	9	3.	4.111	15.	1.	21.361	4.622	1.	1.	5.5	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	10	12.	123.45	1100.	1.5	117905.803	343.374	1.75	4.	31.75	994.3
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	10	1.065	1.184	3.041	0.176	0.624	0.79	0.219	0.602	1.494	2.901
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			15.274								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	10	4.	6.45	23.	1.5	42.081	6.487	1.5	1.5	9.	21.6
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	10	0.602	0.645	1.362	0.176	0.157	0.396	0.176	0.176	0.954	1.321
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.415								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	10	11300.	9353.5	11600.	1300.	17961355.833	4238.084	1303.	8755.	11418.75	11583.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GATE0203

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	7	16.	19.	32.	6.	95.667	9.781	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	7	5.	4.143	10.	0.	10.81	3.288	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	7	43.	118.143	460.	9.	29314.143	171.214	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	7	1.633	1.654	2.663	0.954	0.435	0.66	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			45.113								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	7	9.	19.286	43.	4.	302.905	17.404	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	7	0.954	1.106	1.633	0.602	0.196	0.443	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.761								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	7	11230.	7060.	11400.	1315.	27839641.667	5276.328	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station GATE0203

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	9	26.	26.556	36.	15.	45.778	6.766	15.	22.	32.	36.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	9	5.	4.889	10.	2.	6.611	2.571	2.	2.5	6.5	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	9	43.	63.167	240.	1.5	5478.375	74.016	1.5	16.	93.	240.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	9	1.633	1.493	2.38	0.176	0.417	0.646	0.176	1.158	1.968	2.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			31.124								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	9	15.	22.833	93.	1.5	751.75	27.418	1.5	9.	23.	93.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	9	1.176	1.141	1.968	0.176	0.233	0.483	0.176	0.954	1.362	1.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			13.834								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	9	11230.	6940.556	11545.	1315.	27814352.778	5273.931	1315.	1357.5	11422.5	11545.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GATE0203

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	6	18.5	17.167	28.	0.	108.967	10.439	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	6	1.5	3.	10.	0.	16.	4.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	6	33.	237.667	1100.	9.	186253.467	431.571	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	6	1.498	1.735	3.041	0.954	0.673	0.82	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			54.376								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	6	17.	24.167	75.	4.	679.367	26.065	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	6	1.202	1.199	1.875	0.602	0.19	0.436	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			15.826								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	6	11330.	8084.167	11530.	1315.	26761084.167	5173.112	**	**	**	**

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Annual Analysis for 1981 - Station GATE0203

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	11	15.	16.364	30.	6.	70.255	8.382	6.2	9.	23.	29.8
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	11	3.	3.636	10.	0.	10.055	3.171	0.	1.	7.	9.4
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	11	15.	19.409	93.	1.5	686.991	26.211	1.5	1.5	23.	80.2
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	11	1.176	0.959	1.968	0.176	0.363	0.602	0.176	0.176	1.362	1.867
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			9.104								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	11	4.	9.545	43.	1.5	169.373	13.014	1.5	1.5	15.	39.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	11	0.602	0.678	1.633	0.176	0.266	0.516	0.176	0.176	1.176	1.579
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.766								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	11	1454.	4087.364	11300.	1226.	21330584.655	4618.505	1226.8	1331.	11230.	11300.

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Annual Analysis for 1982 - Station GATE0203

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	10	17.	17.7	35.	9.	59.344	7.704	9.2	11.75	20.5	34.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	10	5.	4.9	8.	1.	4.989	2.234	1.2	3.	6.5	8.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	10	39.5	66.9	230.	9.	4333.211	65.827	9.6	21.	93.	216.3
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	10	1.595	1.65	2.362	0.954	0.179	0.424	0.976	1.315	1.968	2.322
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			44.626								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	9	15.	17.833	43.	1.5	197.375	14.049	1.5	6.	29.5	43.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	9	1.176	1.076	1.633	0.176	0.23	0.479	0.176	0.716	1.459	1.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.922								

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Annual Analysis for 1982 - Station GATE0203

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	10	6413.5	6381.5	11502.	1316.	27503586.5	5244.386	1318.5	1385.25	11331.25	11485.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station GATE0203

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	11	16.	17.727	29.	7.	47.018	6.857	7.8	12.	23.	28.4
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	11	5.	5.273	10.	1.	11.018	3.319	1.2	2.	8.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	11	23.	35.318	91.	1.5	1381.614	37.17	2.	4.	91.	91.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	11	1.362	1.242	1.959	0.176	0.371	0.609	0.261	0.602	1.959	1.959
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			17.478								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	11	9.	17.5	91.	1.5	688.65	26.242	2.	4.	15.	80.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	11	0.954	0.942	1.959	0.176	0.257	0.507	0.261	0.602	1.176	1.878
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.747								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	11	1552.	5916.727	11549.	1239.	27251415.818	5220.289	1243.	1259.	11416.	11528.6

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Annual Analysis for 1984 - Station GATE0203

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	15	17.	16.933	30.	4.	69.924	8.362	5.2	8.	23.	29.4
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	15	5.	5.867	12.	1.	13.695	3.701	1.6	3.	10.	11.4
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	15	39.	73.433	430.	1.5	13050.674	114.24	6.	9.	93.	310.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	15	1.591	1.489	2.633	0.176	0.38	0.616	0.643	0.954	1.968	2.47
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			30.805								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	15	9.	40.067	430.	1.5	11820.602	108.723	1.5	4.	23.	197.8
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	15	0.954	0.979	2.633	0.176	0.401	0.633	0.176	0.602	1.362	2.033
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.527								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	15	11135.	9225.533	11408.	1315.	16401603.552	4049.889	1340.2	11001.	11244.	11367.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GATE0203

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	10	18.5	19.6	31.	9.	59.378	7.706	9.1	13.	26.5	30.7
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	10	4.5	4.6	9.	1.	8.489	2.914	1.1	2.	8.	8.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	10	12.	478.3	4600.	3.	2098024.456	1448.456	3.4	8.5	40.5	4149.3
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	10	1.065	1.353	3.663	0.477	0.809	0.899	0.514	0.927	1.513	3.493
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			22.543								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	10	9.	48.35	390.	1.5	14551.669	120.63	1.65	3.	17.5	355.3
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	10	0.954	1.002	2.591	0.176	0.466	0.682	0.206	0.477	1.124	2.495
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.039								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	10	11155.	7288.9	11341.	1159.	26144152.1	5113.135	1175.2	1390.	11309.	11339.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GATE0203

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	10	13.5	17.3	32.	4.	121.122	11.006	4.2	7.5	29.	31.7
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	10	3.	4.8	12.	1.	19.067	4.367	1.	1.75	10.25	11.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	10	57.	59.3	150.	3.	2363.567	48.617	3.6	13.5	93.	144.3
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	10	1.733	1.552	2.176	0.477	0.301	0.548	0.525	1.121	1.968	2.155
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			35.619								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	10	9.	15.25	43.	1.5	145.514	12.063	2.05	8.5	21.5	41.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	10	0.954	1.048	1.633	0.176	0.159	0.398	0.243	0.927	1.332	1.606
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.163								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	10	6231.5	6264.8	11620.	1147.	28395275.511	5328.722	1153.1	1208.75	11247.25	11590.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GATE0203

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	7	15.	17.286	33.	9.	69.571	8.341	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	10	2.	3.6	9.	1.	10.933	3.307	1.	1.	8.	8.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	10	12.	97.7	430.	4.	30796.678	175.49	4.3	8.5	139.75	430.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	10	1.065	1.371	2.633	0.602	0.521	0.722	0.626	0.927	1.883	2.633
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			23.489								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	10	9.	16.6	75.	4.	530.933	23.042	4.	4.	16.5	71.4
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	10	0.954	0.969	1.875	0.602	0.194	0.441	0.602	0.602	1.113	1.847
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.314								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	10	11205.5	10216.3	11444.	1318.	9792397.344	3129.281	2286.9	11022.75	11265.75	11434.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GATE0203

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	8	21.	19.	31.	2.	114.857	10.717	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	8	4.	4.75	12.	1.	11.357	3.37	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	8	5.	11.938	43.	1.5	217.388	14.744	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	8	0.69	0.76	1.633	0.176	0.335	0.579	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			5.754								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	8	3.5	5.563	15.	1.5	24.46	4.946	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	8	0.54	0.587	1.176	0.176	0.162	0.403	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.859								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	8	6284.5	6364.625	11502.	1346.	27685831.982	5261.733	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0203

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	7	18.	17.571	29.	1.	97.952	9.897	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	7	2.	3.143	8.	1.	7.143	2.673	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	7	23.	29.286	93.	7.	955.238	30.907	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	7	1.362	1.281	1.968	0.845	0.183	0.428	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			19.116								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	7	9.	10.5	23.	1.5	80.417	8.968	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	7	0.954	0.859	1.362	0.176	0.187	0.432	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.226								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0203

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	7	1525.	5696.143	11426.	1352.	27985259.143	5290.11	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0203

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	8	19.5	20.5	31.	10.	70.857	8.418	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	8	3.5	3.625	8.	1.	5.696	2.387	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	2	3.5	3.5	4.	3.	0.5	0.707	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	2	0.54	0.54	0.602	0.477	0.008	0.088	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			3.464								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	2	## 1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	2	## 0.176	0.176	0.176	0.176	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.5								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	8	6293.	6299.375	11412.	1303.	27960174.554	5287.738	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0203

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	8	17.5	18.625	30.	11.	50.268	7.09	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	8	6.5	6.125	12.	1.	17.839	4.224	**	**	**	**
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	8	11212.5	7621.75	11531.	1258.	26198925.071	5118.489	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0203

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	4	12.	13.25	22.	7.	50.25	7.089	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	4	4.	5.25	12.	1.	22.25	4.717	**	**	**	**
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	4	6318.5	6241.75	11220.	1110.	32342464.25	5687.044	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0203

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-05/18/92	13	23.3	22.585	25.	16.	5.721	2.392	17.6	21.85	23.95	25.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	31	23.	21.935	36.	7.	50.996	7.141	11.6	16.	27.	30.8
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	40	5.	5.1	12.	1.	9.682	3.112	2.	3.	6.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	35	9.	38.8	430.	1.5	5742.959	75.782	1.5	4.	43.	93.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	35	0.954	1.145	2.633	0.176	0.382	0.618	0.176	0.602	1.633	1.968
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			13.95								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	28	5.5	22.446	430.	1.5	6413.062	80.082	1.5	4.	9.	23.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	28	0.724	0.803	2.633	0.176	0.251	0.501	0.176	0.602	0.954	1.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.355								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	40	11094.	6813.1	11515.	1130.	24760692.503	4976.012	1259.	1423.	11230.	11425.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0203

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-05/18/92	14	5.3	5.029	10.	0.	9.487	3.08	0.3	2.075	8.	9.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	45	10.	9.911	17.	0.	17.401	4.171	4.	7.5	12.	16.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	50	4.	4.92	20.	0.	18.769	4.332	1.	1.	8.	10.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	43	39.	210.651	4600.	1.5	507102.125	712.111	3.4	15.	93.	430.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	43	1.591	1.611	3.663	0.176	0.539	0.734	0.527	1.176	1.968	2.633
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			40.794								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	42	15.	30.679	390.	1.5	3760.412	61.322	1.5	4.	40.	65.4
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	42	1.176	1.103	2.591	0.176	0.339	0.582	0.176	0.602	1.602	1.803
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.689								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	50	11002.	6542.88	11600.	1110.	25143178.638	5014.297	1263.7	1386.25	11305.25	11494.7

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0203

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-05/18/92	30	20.	18.403	23.	10.	14.197	3.768	12.	16.	21.025	22.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	65	26.	23.615	35.	10.	39.115	6.254	14.6	18.5	28.5	30.4
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	70	3.5	4.671	15.	0.	12.021	3.467	1.	2.	7.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	65	23.	83.692	1100.	1.5	40911.544	202.266	4.	9.	43.	182.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	65	1.362	1.385	3.041	0.176	0.414	0.643	0.602	0.954	1.633	2.25
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			24.253								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	65	9.	16.046	93.	1.5	367.631	19.174	1.5	4.	23.	43.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	65	0.954	0.945	1.968	0.176	0.241	0.491	0.176	0.602	1.362	1.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.812								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	71	11203.	7375.366	11620.	1145.	23948188.178	4893.689	1252.8	1401.	11324.	11427.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0204

NPS Station ID: GATE0204 LAT/LON: 40.403059/ -73.983059 Agency: 21NJDEP1 Date Created: 04/04/81
Location: SANDY HOOK BAY FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): L6974536763 /902 /SF02003
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02030104 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST MAJOR BASIN Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA ECO Region:
RF1 Index: 02030104006 RF1 Mile Point: 8.770 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J. TIDE CORRECTION (H/L): (-0:01/ 0:00)
ASSOCIATED NOAA WEATHER STATION: 7865

Parameter Inventory for Station: GATE0204

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/28/77-05/18/92	40	18.	16.125	25.	0.	43.804	6.618	6.1	10.25	21.75	23.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	141	18.	18.872	36.	0.	72.612	8.521	8.	12.	26.	30.
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	143	4.	4.559	15.	0.	11.474	3.387	1.	2.	7.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	126	23.	137.607	4600.	1.5	258615.426	508.542	4.	9.	93.	230.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	126	1.362	1.456	3.663	0.176	0.481	0.693	0.602	0.954	1.968	2.362
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			28.556								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	125	9.	20.768	240.	1.5	1139.897	33.762	1.5	4.	23.	43.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	125	0.954	0.994	2.38	0.176	0.286	0.535	0.176	0.602	1.362	1.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.873								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/15/90-05/18/92	18	5.45	8.661	43.	1.5	100.034	10.002	1.5	3.6	9.1	25.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	05/15/90-05/18/92	18	0.71	0.753	1.633	0.176	0.158	0.397	0.176	0.556	0.959	1.389
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			5.668								
31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	01/06/78-12/01/78	7	4.	4.	4.	4.	0.	0.	**	**	**	**
31678	LOG FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATI	01/06/78-12/01/78	7	0.602	0.602	0.602	0.602	0.	0.	**	**	**	**
31678	GM FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATIO	GEOMETRIC MEAN =			4.								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	144	11202.5	7175.618	11630.	1120.	24062418.517	4905.346	1314.	1418.5	11315.	11445.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0204

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	126	3	0.02	28	0	0.00	38	1	0.03	60	2	0.03			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	125	2	0.02	28	0	0.00	37	1	0.03	60	1	0.02			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1977 - Station GATE0204

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	10	26.	24.9	30.	10.	32.1	5.666	11.4	24.	28.25	29.9
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	9	3.	4.111	15.	1.	21.361	4.622	1.	1.	5.5	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	10	33.	276.6	2400.	3.	557873.378	746.909	3.1	7.75	93.	2169.3
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	10	1.498	1.558	3.38	0.477	0.699	0.836	0.49	0.866	1.968	3.239
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			36.163								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	10	9.	10.35	23.	1.5	49.892	7.063	1.75	4.	16.25	22.7
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	10	0.954	0.901	1.362	0.176	0.131	0.362	0.219	0.602	1.207	1.356
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.969								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	10	11315.	9368.5	11615.	1315.	17961355.833	4238.084	1318.	8770.	11433.75	11598.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GATE0204

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	7	16.	19.	32.	6.	95.667	9.781	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	7	5.	4.143	10.	0.	10.81	3.288	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	7	93.	111.714	240.	23.	9312.571	96.502	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	7	1.968	1.853	2.38	1.362	0.23	0.479	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			71.302								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	7	23.	29.143	93.	4.	871.476	29.521	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	7	1.362	1.296	1.968	0.602	0.182	0.426	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			19.772								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	7	11245.	7080.714	11415.	1330.	27765003.571	5269.251	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station GATE0204

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	9	26.	26.556	36.	15.	45.778	6.766	15.	22.	32.	36.
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	9	5.	4.889	10.	2.	6.611	2.571	2.	2.5	6.5	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	9	23.	54.444	150.	9.	2523.778	50.237	9.	12.	93.	150.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	9	1.362	1.533	2.176	0.954	0.221	0.47	0.954	1.065	1.968	2.176
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			34.112								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	9	9.	19.278	43.	1.5	320.944	17.915	1.5	4.	41.	43.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	9	0.954	1.044	1.633	0.176	0.286	0.535	0.176	0.602	1.612	1.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.076								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	9	11245.	6964.444	11600.	1330.	27904752.778	5282.495	1330.	1372.5	11457.5	11600.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GATE0204

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	6	18.5	17.167	28.	0.	108.967	10.439	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	6	1.5	3.	10.	0.	16.	4.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	6	35.5	454.833	2400.	7.	915832.567	956.991	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	6	1.54	1.788	3.38	0.845	0.894	0.946	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			61.365								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	6	14.	25.333	93.	4.	1169.867	34.203	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	6	1.084	1.117	1.968	0.602	0.286	0.535	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			13.09								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GATE0204

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	6	11345.	8099.167	11545.	1330.	26761084.167	5173.112	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station GATE0204

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	11	15.	16.364	30.	6.	70.255	8.382	6.2	9.	23.	29.8
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	11	3.	3.636	10.	0.	10.055	3.171	0.	1.	7.	9.4
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	11	15.	84.955	460.	1.5	21464.073	146.506	1.5	1.5	150.	416.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	11	1.176	1.165	2.663	0.176	0.869	0.932	0.176	0.176	2.176	2.606
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			14.613								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	11	4.	35.727	240.	1.5	5307.718	72.854	1.5	1.5	23.	210.6
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	11	0.602	0.875	2.38	0.176	0.598	0.773	0.176	0.176	1.362	2.298
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.498								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	11	1504.	4104.636	11315.	1236.	21317890.655	4617.13	1237.8	1341.	11245.	11315.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station GATE0204

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	10	17.	17.7	35.	9.	59.344	7.704	9.2	11.75	20.5	34.
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	10	5.	4.9	8.	1.	4.989	2.234	1.2	3.	6.5	8.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	10	72.5	73.7	230.	4.	4143.789	64.372	5.1	21.	93.	216.3
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	10	1.86	1.675	2.362	0.602	0.255	0.505	0.659	1.315	1.968	2.322
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			47.334								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	9	15.	20.278	72.	1.5	481.319	21.939	1.5	6.5	28.5	72.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	9	1.176	1.086	1.857	0.176	0.248	0.498	0.176	0.778	1.439	1.857
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.192								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	10	6423.5	6395.5	11512.	1326.	27459937.611	5240.223	1328.5	1395.25	11341.25	11495.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station GATE0204

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	11	16.	17.727	29.	7.	47.018	6.857	7.8	12.	23.	28.4
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	11	5.	5.273	10.	1.	11.018	3.319	1.2	2.	8.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	11	43.	85.182	430.	4.	15054.964	122.699	4.	9.	91.	374.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	11	1.633	1.57	2.633	0.602	0.406	0.637	0.602	0.954	1.959	2.542
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			37.119								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	11 ##	15.	18.682	43.	1.5	226.264	15.042	1.5	1.5	36.	42.2
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	11 ##	1.176	1.034	1.633	0.176	0.334	0.578	0.176	0.176	1.556	1.625
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.817								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	11	1602.	5925.545	11559.	1249.	27260695.873	5221.178	1261.	1309.	11426.	11538.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GATE0204

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	15	17.	16.933	30.	4.	69.924	8.362	5.2	8.	23.	29.4
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	15	5.	5.867	12.	1.	13.695	3.701	1.6	3.	10.	11.4
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	15	21.	41.6	150.	1.5	1880.079	43.36	1.5	9.	75.	115.8
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	15	1.322	1.317	2.176	0.176	0.384	0.62	0.176	0.954	1.875	2.052
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			20.726								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	15	7.	14.033	43.	1.5	258.195	16.068	1.5	3.	23.	43.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	15	0.845	0.859	1.633	0.176	0.285	0.534	0.176	0.477	1.362	1.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.22								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	15	11145.	9238.2	11418.	1325.	16356747.171	4044.348	1374.2	11011.	11254.	11377.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GATE0204

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	10	18.5	19.6	31.	9.	59.378	7.706	9.1	13.	26.5	30.7
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	10	4.5	4.6	9.	1.	8.489	2.914	1.1	2.	8.	8.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	10	32.	115.8	930.	4.	82112.4	286.553	4.3	8.5	43.	841.3
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	10	1.478	1.44	2.968	0.602	0.429	0.655	0.626	0.927	1.633	2.835
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			27.555								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	10	9.	33.7	230.	1.5	4900.622	70.004	1.5	3.375	22.	211.3
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	10	0.954	1.016	2.362	0.176	0.426	0.653	0.176	0.496	1.29	2.289
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.386								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	10	11204.	7310.7	11351.	1209.	26157037.344	5114.395	1221.2	1400.	11319.	11349.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GATE0204

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	10	13.5	17.3	32.	4.	121.122	11.006	4.2	7.5	29.	31.7
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	10	3.	4.8	12.	1.	19.067	4.367	1.	1.75	10.25	11.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	10	23.	485.95	4600.	1.5	2090176.914	1445.744	2.85	15.	55.5	4149.3
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	10	1.362	1.524	3.663	0.176	0.772	0.879	0.276	1.176	1.717	3.493
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			33.419								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	10	23.	26.65	93.	1.5	771.892	27.783	1.75	4.	43.	88.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	10	1.362	1.166	1.968	0.176	0.317	0.563	0.219	0.602	1.633	1.935
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			14.639								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	10	6241.5	6273.8	11630.	1157.	28406520.622	5329.777	1162.2	1215.75	11257.25	11600.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GATE0204

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	7	15.	17.286	33.	9.	69.571	8.341	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	10	2.	3.6	9.	1.	10.933	3.307	1.	1.	8.	8.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	10	84.	99.6	240.	4.	9721.378	98.597	4.3	8.5	230.	239.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	10	1.922	1.649	2.38	0.602	0.473	0.688	0.626	0.927	2.362	2.378
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			44.598								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	10	19.	21.2	43.	4.	273.956	16.552	4.	6.25	43.	43.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	10	1.269	1.169	1.633	0.602	0.175	0.418	0.602	0.784	1.633	1.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			14.772								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GATE0204

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	10	11215.5	10226.3	11454.	1328.	9792397.344	3129.281	2296.9	11032.75	11275.75	11444.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GATE0204

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	8	21.	19.	31.	2.	114.857	10.717	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	8	4.	4.75	12.	1.	11.357	3.37	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	8	6.5	10.563	43.	1.5	183.246	13.537	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	8	0.778	0.805	1.633	0.176	0.196	0.443	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			6.384								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	8	5.	9.625	43.	1.5	190.768	13.812	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	8	0.69	0.719	1.633	0.176	0.23	0.48	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.235								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	8	6314.5	6384.625	11512.	1356.	27794480.554	5272.047	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0204

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	7	18.	17.571	29.	1.	97.952	9.897	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	7	2.	3.143	8.	1.	7.143	2.673	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	7	15.	32.429	93.	9.	932.952	30.544	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	7	1.176	1.357	1.968	0.954	0.153	0.391	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			22.729								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	7	9.	10.857	23.	4.	39.476	6.283	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	7	0.954	0.978	1.362	0.602	0.058	0.241	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.511								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	7	1535.	5711.857	11436.	1402.	27927565.81	5284.654	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0204

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	8	19.5	20.5	31.	10.	70.857	8.418	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	8	3.5	3.625	8.	1.	5.696	2.387	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	2	7.	7.	7.	7.	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	2	0.845	0.845	0.845	0.845	0.	0.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			7.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	2 ##	0.176	0.176	0.176	0.176	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.5								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	8	6323.	6319.375	11422.	1313.	27959503.125	5287.675	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0204

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	8	17.5	18.625	30.	11.	50.268	7.09	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	8	6.5	6.125	12.	1.	17.839	4.224	**	**	**	**
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	8	11222.5	7646.75	11541.	1308.	26101019.357	5108.916	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0204

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	4	12.	13.25	22.	7.	50.25	7.089	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	4	4.	5.25	12.	1.	22.25	4.717	**	**	**	**
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	4	6328.5	6251.75	11230.	1120.	32342464.25	5687.044	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0204

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	31	23.	21.935	36.	7.	50.996	7.141	11.6	16.	27.	30.8
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	33	4.	4.909	12.	1.	10.085	3.176	1.4	2.	7.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	28	21.	56.018	430.	1.5	8386.305	91.577	1.5	3.25	88.	159.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	28	1.322	1.242	2.633	0.176	0.552	0.743	0.176	0.508	1.942	2.197
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			17.475								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	28	9.	14.893	43.	1.5	226.173	15.039	1.5	1.5	23.	43.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	28	0.954	0.884	1.633	0.176	0.313	0.56	0.176	0.176	1.362	1.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.664								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	33	11143.	7088.152	11512.	1236.	24495368.445	4949.28	1310.6	1419.	11246.5	11433.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0204

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	45	10.	9.911	17.	0.	17.401	4.171	4.	7.5	12.	16.
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	45	4.	4.711	12.	0.	14.846	3.853	1.	1.	8.	10.4
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	38	25.5	155.303	2400.	1.5	169060.859	411.17	4.	9.	107.25	262.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	38	1.404	1.54	3.38	0.176	0.528	0.727	0.602	0.954	2.02	2.408
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			34.668								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	37	15.	25.27	230.	1.5	1605.272	40.066	1.5	4.	26.	48.8
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	37	1.176	1.074	2.362	0.176	0.315	0.562	0.176	0.602	1.412	1.678
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.867								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	45	11025.	6905.756	11615.	1120.	24858945.28	4985.875	1318.8	1424.5	11317.	11479.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0204

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	65	26.	23.615	35.	10.	39.115	6.254	14.6	18.5	28.5	30.4
00035	WIND VELOCITY (MILES PER HOUR)	03/28/77-05/18/92	65	3.	4.277	15.	0.	10.047	3.17	1.	2.	6.	9.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/28/77-04/25/90	60	29.5	164.475	4600.	1.5	433960.063	658.756	4.3	9.5	91.	150.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/28/77-04/25/90	60	1.459	1.502	3.663	0.176	0.406	0.637	0.626	0.976	1.959	2.176
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			31.759								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	60	9.	20.733	240.	1.5	1283.631	35.828	1.65	4.	23.	43.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/28/77-04/25/90	60	0.954	0.997	2.38	0.176	0.255	0.505	0.206	0.602	1.362	1.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.92								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	03/28/77-05/18/92	66	11216.5	7403.348	11630.	1157.	23943507.8	4893.21	1295.8	1416.5	11334.	11445.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0205

NPS Station ID: GATE0205
LAT/LON: 40.451392/ -73.983337
Agency: 1111H030
Date Created: / /
Location: 400YDS OFF SHORE AND STA JC02
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): JC02B /JC2B /JC-02B /JC-2B
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02030104
Depth of Water: 15
Aquifer:
Major Basin: ATLANTIC OCEAN
Elevation: 0
Water Body Id:
Minor Basin: OFF N J BEACHES AT SANDY HK FT HANCOCK
ECO Region:
RF1 Index: 02030104006
RF1 Mile Point: 8.040
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0205

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/30/74-05/19/77	12	15.	14.008	21.9	2.3	47.877	6.919	2.36	9.3	20.95	21.81
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/30/74-05/19/77	12	31600.	32300.	40000.	25600.	22167272.727	4708.213	25600.	29775.	36275.	39760.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/30/74-03/09/77	10	40763.5	40983.8	45192.	38206.	6547558.4	2558.82	38207.3	38234.	43130.25	45027.3
00300	OXYGEN, DISSOLVED MG/L	04/30/74-05/19/77	14	9.25	9.193	13.3	4.9	7.048	2.655	4.95	7.325	11.575	13.1
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/09/77-05/19/77	6 ##	0.022	0.033	0.066	0.01	0.001	0.027	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/09/77-05/19/77	6	0.011	0.01	0.015	0.005	0.	0.005	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/09/77-05/19/77	6	0.107	0.1	0.164	0.039	0.003	0.053	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/09/77-05/19/77	6	0.038	0.04	0.05	0.029	0.	0.009	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/09/77-05/19/77	6	3.15	3.117	3.9	2.2	0.382	0.618	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/19/77-05/19/77	2	13835.	13835.	14670.	13000.	1394450.	1180.868	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	03/09/77-05/19/77	6	0.2	0.2	0.3	0.1	0.004	0.063	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/30/74-09/12/74	4	2.5	2.375	3.2	1.3	0.729	0.854	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/30/74-09/01/76	10 ##	0.5	0.83	2.5	0.25	0.562	0.75	0.25	0.363	1.5	2.4
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/30/74-09/01/76	11	6.	9.314	24.	0.5	58.42	7.643	0.65	5.	16.	22.8
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/30/74-09/01/76	10 ##	1.375	2.66	13.	0.4	13.769	3.711	0.46	1.	2.625	12.
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/30/74-09/01/76	11 ##	10.	12.718	25.	0.5	98.404	9.92	0.9	2.5	25.	25.
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/30/74-09/01/76	11 ##	2.5	3.	5.	0.5	3.5	1.871	0.5	1.	5.	5.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/30/74-05/19/77	28	79.	175.714	790.	13.	46309.471	215.196	22.9	33.	230.	520.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/30/74-05/19/77	28	1.898	1.977	2.898	1.114	0.241	0.491	1.36	1.519	2.362	2.711
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			94.948								
31521	COLIFORM,TOT,MPN,IN BOT DEPOS,CONFIRM (MPN/100G)	04/30/74-09/01/76	11	330.	2470.	17200.	170.	24862800.	4986.261	170.	230.	2300.	14316.
31521	LOG COLIFORM,TOT,MPN,IN BOT DEPOS,CONFIRM (MPN/100	04/30/74-09/01/76	11	2.519	2.885	4.236	2.23	0.422	0.65	2.23	2.362	3.362	4.077
31521	GM COLIFORM,TOT,MPN,IN BOT DEPOS,CONFIRM (MPN/100G	GEOMETRIC MEAN =			766.795								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/30/74-05/19/77	28	10.	31.464	221.	2.	2426.184	49.256	2.	5.	32.5	111.1
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/30/74-05/19/77	28	0.998	1.1	2.344	0.301	0.365	0.604	0.301	0.699	1.512	2.045
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.598								
31641	FECAL COLIFORM,MPN IN BOT DEPOS,EC MED (MPN/100G)	04/30/74-09/01/76	11	110.	308.182	1300.	10.	167096.364	408.774	10.	50.	490.	1198.
31641	LOG FECAL COLIFORM,MPN IN BOT DEPOS,EC MED (MPN/10	04/30/74-09/01/76	11	2.041	2.072	3.114	1.	0.498	0.706	1.	1.699	2.69	3.071
31641	GM FECAL COLIFORM,MPN IN BOT DEPOS,EC MED (MPN/100	GEOMETRIC MEAN =			118.061								
70305	SALINITY BASED ON CONDUCTIVITY	04/30/74-05/19/77	12	26.35	26.283	28.8	24.	3.338	1.827	24.06	24.35	28.075	28.68
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/09/77-05/19/77	6 ##	0.005	0.007	0.011	0.005	0.	0.003	**	**	**	**
71202	SALMONELLA FROM SEDIMENTS, INOC 1=PRESENT,0=ABS.	07/24/75-07/24/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71202	LOG SALMONELLA FROM SEDIMENTS, INOC 1=PRESENT,0=AB	07/24/75-07/24/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71202	GM SALMONELLA FROM SEDIMENTS, INOC 1=PRESENT,0=ABS	GEOMETRIC MEAN =			1.								
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	04/30/74-09/12/74	4 ##	0.125	0.15	0.3	0.05	0.015	0.122	**	**	**	**
71975	ORGANICS IN SEDIMENT GRAVIMETRICCORR.FOR H2O,MG/KG	04/30/74-09/01/76	11	5620.	7307.909	17500.	3070.	24193904.091	4918.73	3081.4	3920.	8610.	17130.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0205

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	14	0	0.00	4	0	0.00	2	0	0.00	8	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	28	0	0.00	6	0	0.00	6	0	0.00	16	0	0.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	28	1	0.04	6	1	0.17	6	0	0.00	16	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0206

NPS Station ID: GATE0206
LAT/LON: 40.426670/ -73.984726
Agency: 112WRD
Date Created: 04/14/78
Location: SANDY HOOK SP1 OBS
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 402536073590501
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: C
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02030104
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0206

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/07/77-08/06/93	2	15.75	15.75	16.	15.5	0.125	0.354	**	**	**	**
00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	09/07/77-09/07/77	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/07/77-09/07/77	1	55.	55.	55.	55.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/07/77-09/07/77	1	150.	150.	150.	150.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/07/77-08/06/93	3	192.	236.667	360.	158.	11697.333	108.154	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	09/07/77-09/07/77	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/07/77-08/06/93	3	7.1	6.967	7.2	6.6	0.103	0.321	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/07/77-08/06/93	3	7.1	6.882	7.2	6.6	0.114	0.338	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/07/77-08/06/93	3	0.079	0.131	0.251	0.063	0.011	0.104	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	09/07/77-09/07/77	1	9.8	9.8	9.8	9.8	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/07/77-09/07/77	1	63.	63.	63.	63.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/07/77-09/07/77	1	77.	77.	77.	77.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/07/77-09/07/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	09/07/77-09/07/77	1	0.52	0.52	0.52	0.52	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/07/77-09/07/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/07/77-09/07/77	1	0.52	0.52	0.52	0.52	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/07/77-09/07/77	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/07/77-09/07/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/07/77-09/07/77	1	0.52	0.52	0.52	0.52	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/07/77-09/07/77	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/07/77-09/07/77	1	0.94	0.94	0.94	0.94	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/07/77-09/07/77	1	8.7	8.7	8.7	8.7	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/07/77-09/07/77	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/07/77-09/07/77	1	49.	49.	49.	49.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/07/77-09/07/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/07/77-09/07/77	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	09/07/77-09/07/77	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/07/77-09/07/77	1	2.9	2.9	2.9	2.9	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	09/07/77-09/07/77	1	2.9	2.9	2.9	2.9	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	09/07/77-09/07/77	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/07/77-08/06/93	3	13.	18.6	35.	7.8	208.48	14.439	**	**	**	**
00931	SODIUM ADSORPTION RATIO	09/07/77-09/07/77	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	09/07/77-09/07/77	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/07/77-09/07/77	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	09/07/77-09/07/77	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/07/77-08/06/93	3	3.	20.333	56.	2.	954.333	30.892	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/07/77-09/07/77	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/07/77-09/07/77	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GATE0206

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00951	FLUORIDE, TOTAL (MG/L AS F)	09/07/77-09/07/77	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/07/77-09/07/77	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	09/07/77-09/07/77	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	09/07/77-09/07/77	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/07/77-09/07/77	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01037	COBALT, TOTAL (UG/L AS CO)	09/07/77-09/07/77	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/07/77-09/07/77	1	24.	24.	24.	24.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/07/77-09/07/77	1	14000.	14000.	14000.	14000.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/07/77-09/07/77	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/07/77-09/07/77	1	13.	13.	13.	13.	0.	0.	**	**	**	**
01054	MANGANESE, SUSPENDED (UG/L AS MN)	09/07/77-09/07/77	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	09/07/77-09/07/77	1	140.	140.	140.	140.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/07/77-09/07/77	1	110.	110.	110.	110.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	09/07/77-09/07/77	1	16.	16.	16.	16.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/07/77-09/07/77	1	110.	110.	110.	110.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/07/77-09/07/77	1	96.	96.	96.	96.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/07/77-09/07/77	1	96.	96.	96.	96.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/07/77-09/07/77	1	0.13	0.13	0.13	0.13	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/07/77-09/07/77	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	09/07/77-09/07/77	1	2.3	2.3	2.3	2.3	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	09/07/77-09/07/77	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: GATE0206

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	1	1.00	1	1	1.00									
00400	PH	Other-Hi Lim.	9.	3	0	0.00	2	0	0.00				1	0	0.00			
		Other-Lo Lim.	6.5	3	0	0.00	2	0	0.00				1	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	0	0.00	2	0	0.00				1	0	0.00			
		Drinking Water	250.	3	0	0.00	2	0	0.00				1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	1	1	1.00	1	1	1.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	1	0	0.00	1	0	0.00									
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0207

NPS Station ID: GATE0207 LAT/LON: 40.451392/ -73.986115 Agency: 1111H030 Date Created: / /
Location: NEW JERSEY BEACHES FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/OCEAN STORET Station ID(s): JC02 /JC2 /JC-2
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 02030104 Depth of Water: 0 Aquifer:
Major Basin: ATLANTIC OCEAN Elevation: 0 Water Body Id:
Minor Basin: JERSEY COAST-SANDY HOOK EAST OF RADOME ECO Region:
RF1 Index: 02030104006 RF1 Mile Point: 8.040 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:
BEACH EAST OF LARGEST RADOME. SANDY HOOK-OFF SHORT SPUR RD. THAT ENDS AT SHORE.

Parameter Inventory for Station: GATE0207

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/72-09/30/81	148	14.	69.351	1600.	0.	38907.032	197.249	1.9	4.25	51.5	140.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/72-09/30/81	148	1.146	1.187	3.204	0.	0.531	0.729	0.271	0.626	1.712	2.149
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			15.379								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-10/05/87	227	0.5	4.348	292.	0.	424.064	20.593	0.	0.	2.	8.4
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-10/05/87	227	-0.301	0.243	2.465	-0.301	0.2	0.447	0.	0.	0.301	0.922
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.749								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/72-04/17/72	1	4.	4.	4.	4.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/72-04/17/72	1	0.602	0.602	0.602	0.602	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4.								
31649	ENTEROCOCCI- ME-MF N0/100ML	08/05/84-10/05/87	40	0.	1.5	16.	0.	12.051	3.471	0.	0.	1.	3.9
31649	LOG ENTEROCOCCI- ME-MF N0/1	08/05/84-10/05/87	40	0.	0.145	1.204	0.	0.095	0.309	0.	0.	0.	0.59
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.396								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/20/77-08/20/77	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/20/77-08/20/77	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			1.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0207

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	148	2	0.01	49	1	0.02	17	0	0.00	82	1	0.01			
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	227	1	0.00	80	0	0.00	19	0	0.00	128	1	0.01			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00							1	0	0.00			
31649	ENTEROCOCCI, ME, MF	Other-Hi Lim.	33.	40	0	0.00	14	0	0.00				26	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1972 - Station GATE0207

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/72-09/30/81	1	40.	40.	40.	40.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/72-09/30/81	1	1.602	1.602	1.602	1.602	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			40.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station GATE0207

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/72-09/30/81	14	46.	49.857	152.	4.	1720.593	41.48	5.5	14.75	68.	130.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/72-09/30/81	14	1.662	1.526	2.182	0.602	0.202	0.45	0.724	1.169	1.83	2.108
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			33.539								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-10/05/87	14	4.	7.286	40.	0.5	115.22	10.734	0.5	0.5	7.5	29.5
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-10/05/87	14	0.602	0.481	1.602	-0.301	0.397	0.63	-0.301	-0.301	0.853	1.44
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			3.029								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GATE0207

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/72-09/30/81	15	41.	140.	1340.	7.	114678.143	338.642	7.	9.	80.	694.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/72-09/30/81	15	1.613	1.58	3.127	0.845	0.414	0.643	0.845	0.954	1.903	2.704
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			38.057								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-10/05/87	15	1.	4.867	26.	0.	74.838	8.651	0.	0.	4.	24.8
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-10/05/87	15	0.	0.356	1.415	0.	0.266	0.516	0.	0.	0.602	1.394
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			2.27								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station GATE0207

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/72-09/30/81	18	53.5	94.222	400.	4.	12617.948	112.33	4.	9.	137.	328.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/72-09/30/81	18	1.701	1.606	2.602	0.602	0.426	0.653	0.602	0.954	2.137	2.515
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			40.352								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-10/05/87	17	5.	6.706	25.	1.	42.346	6.507	1.	1.	10.	17.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-10/05/87	17	0.699	0.619	1.398	0.	0.218	0.467	0.	0.	0.991	1.22
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			4.163								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GATE0207

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/72-09/30/81	43	15.	85.86	1600.	0.	66993.171	258.83	2.	5.	28.	235.2
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/72-09/30/81	43	1.176	1.182	3.204	0.	0.543	0.737	0.301	0.699	1.447	2.363
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			15.192								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-10/05/87	43	1.	11.209	292.	0.	2060.36	45.391	0.	0.	3.	16.6
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-10/05/87	43	0.	0.339	2.465	0.	0.33	0.574	0.	0.	0.477	1.193
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			2.183								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GATE0207

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/72-09/30/81	15	9.	78.4	940.	1.	57279.4	239.331	2.8	5.	21.	426.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/72-09/30/81	15	0.954	1.106	2.973	0.	0.482	0.694	0.361	0.699	1.322	2.344
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			12.761								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-10/05/87	15	0.	3.8	35.	0.	82.314	9.073	0.	0.	4.	20.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-10/05/87	15	0.	0.256	1.544	0.	0.232	0.482	0.	0.	0.602	1.218
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.804								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station GATE0207

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/72-09/30/81	15	19.	47.933	164.	1.	2648.781	51.466	1.6	6.	96.	135.2
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/72-09/30/81	15	1.279	1.297	2.215	0.	0.494	0.703	0.181	0.778	1.982	2.125
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			19.795								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-10/05/87	15	1.	3.933	21.	0.	35.781	5.982	0.	0.	6.	15.6
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-10/05/87	15	0.	0.367	1.322	0.	0.236	0.486	0.	0.	0.778	1.176
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			2.327								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GATE0207

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/72-09/30/81	15	2.	3.6	16.	0.	19.971	4.469	0.	1.	4.	13.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/72-09/30/81	15	0.301	0.386	1.204	0.	0.162	0.403	0.	0.	0.602	1.106
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.43								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-10/05/87	15	0.	0.267	2.	0.	0.352	0.594	0.	0.	0.	1.4
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-10/05/87	15	0.	0.02	0.301	0.	0.006	0.078	0.	0.	0.	0.12
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.047								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station GATE0207

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/72-09/30/81	12	4.5	7.417	36.	0.	98.811	9.94	0.	1.25	9.5	29.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/72-09/30/81	12	0.651	0.622	1.556	0.	0.244	0.494	0.	0.075	0.976	1.433
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.187								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-10/05/87	12	0.	1.167	10.	0.	8.152	2.855	0.	0.	1.	7.6
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-10/05/87	12	0.	0.108	1.	0.	0.086	0.294	0.	0.	0.	0.79
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.284								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station GATE0207

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-10/05/87	14	0.	2.5	27.	0.	52.269	7.23	0.	0.	1.	16.5
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-10/05/87	14	0.	0.158	1.431	0.	0.177	0.421	0.	0.	0.	1.105
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.438								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station GATE0207

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-10/05/87	14	0.	0.714	4.	0.	1.604	1.267	0.	0.	1.	3.5
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-10/05/87	14	0.	0.077	0.602	0.	0.039	0.197	0.	0.	0.	0.54
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.194								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GATE0207

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-10/05/87	14	0.5	1.286	6.	0.	3.297	1.816	0.	0.	2.	5.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-10/05/87	14	0.	0.163	0.778	0.	0.067	0.258	0.	0.	0.301	0.69
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.456								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GATE0207

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-10/05/87	10	0.	0.3	1.	0.	0.233	0.483	0.	0.	1.	1.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-10/05/87	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GATE0207

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-10/05/87	13	0.	0.692	3.	0.	0.897	0.947	0.	0.	1.	2.6
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-10/05/87	13	0.	0.06	0.477	0.	0.023	0.15	0.	0.	0.	0.407
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.148								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GATE0207

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-10/05/87	16	0.	0.438	2.	0.	0.529	0.727	0.	0.	1.	2.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-10/05/87	16	0.	0.038	0.301	0.	0.011	0.103	0.	0.	0.	0.301
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.091								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0207

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/72-09/30/81	49	18.	77.102	1340.	0.	41611.969	203.99	1.	5.	72.	136.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/72-09/30/81	49	1.255	1.255	3.127	0.	0.566	0.752	0.	0.699	1.857	2.134
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			17.992								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-10/05/87	80	0.75	3.019	42.	0.	44.737	6.689	0.	0.	2.75	7.9
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-10/05/87	80	-0.151	0.248	1.623	-0.301	0.175	0.418	0.	0.	0.433	0.897
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.769								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0207

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/72-09/30/81	17	56.	116.647	480.	3.	17305.368	131.55	3.8	24.5	166.	352.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/72-09/30/81	17	1.748	1.749	2.681	0.477	0.392	0.626	0.577	1.373	2.219	2.54
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			56.046								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-10/05/87	19	6.	13.105	64.	0.	272.211	16.499	0.	2.	21.	40.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-10/05/87	19	0.778	0.813	1.806	0.	0.31	0.556	0.	0.301	1.322	1.602
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			6.503								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0207

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/72-09/30/81	82	8.	54.915	1600.	0.	41814.968	204.487	1.	4.	27.	82.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/72-09/30/81	82	0.903	1.03	3.204	0.	0.458	0.676	0.	0.602	1.431	1.918
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			10.709								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-10/05/87	128	0.	3.879	292.	0.	675.416	25.989	0.	0.	1.	5.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-10/05/87	128	0.	0.155	2.465	-0.301	0.147	0.383	0.	0.	0.	0.699
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.428								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0208

NPS Station ID: GATE0208
LAT/LON: 40.581670/ -73.986115
Agency: 21NYDECB
Date Created: 03/30/96
Location: Coney Island Cr.
FIPS State/County: 36047 NEW YORK/KINGS
Station Type: /TYPA/AMBNT/ESTURY/NET
STORET Station ID(s): 17011200
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030202
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id: NY00000 Coney Island Cr.
Minor Basin: L.HUDSON - NYC
ECO Region:
RF1 Index: 02030202
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0208

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GATE0209

NPS Station ID: GATE0209 LAT/LON: 40.580976/ -73.986477 Agency: 11NYCOR Date Created: 09/08/79
Location: GRAVESEND BAY-CONEY ID.CR.OFF WEST 20 ST.BKLYN. FIPS State/County: 36047 NEW YORK/KINGS
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): NYCOR345
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02030202 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METRO AREA ECO Region:
RF1 Index: 02030202029 RF1 Mile Point: 13.690 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02030202002909.75 RF3 Mile Point: 16.07 Distance from RF3: 0.04 On/Off RF3:
Description:
NEW YORK CORPS OF ENGINEERS DREDGING STUDIES

Parameter Inventory for Station: GATE0209

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	11/26/71-11/26/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	11/26/71-11/26/71	1	27.	27.	27.	27.	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	11/26/71-11/26/71	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GATE0210

NPS Station ID: GATE0210 LAT/LON: 40.581392/ -73.986392 Agency: 21NYDEC1 Date Created: 09/19/87
Location: CONEY ISLAND CK. CROPSEY AVE CONEY ISLAND FIPS State/County: 36047 NEW YORK/KINGS
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 17 0121
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02030202 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON NY METROPOLITAN ECO Region:
RF1 Index: 02030202 RF1 Mile Point: 0.000 Distance from RF1: 7.10 On/Off RF1:
RF3 Index: 02030201014600.64 RF3 Mile Point: 0.76 Distance from RF3: 0.03 On/Off RF3:
Description:

Parameter Inventory for Station: GATE0210

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/03/86-10/29/86	7	10.	14.857	27.	8.	56.143	7.493	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/30/86-09/03/86	5	22.	22.8	28.	21.	8.7	2.95	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/03/86-11/19/86	9	4.5	9.5	50.	2.	234.375	15.309	2.	3.	7.	50.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/03/86-11/19/86	9	23400.	20500.	30000.	3600.	70065000.	8370.484	3600.	15000.	25500.	30000.
00300	OXYGEN, DISSOLVED MG/L	04/30/86-11/19/86	8	3.	3.525	7.8	1.	5.074	2.252	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	04/03/86-11/19/86	9	5.4	7.689	16.	2.	20.251	4.5	2.	4.7	11.5	16.
00400	PH (STANDARD UNITS)	04/03/86-11/19/86	9	7.	7.033	7.6	6.7	0.067	0.26	6.7	6.85	7.15	7.6
00400	CONVERTED PH (STANDARD UNITS)	04/03/86-11/19/86	9	7.	6.976	7.6	6.7	0.071	0.267	6.7	6.85	7.15	7.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/03/86-11/19/86	9	0.1	0.106	0.2	0.025	0.003	0.051	0.025	0.071	0.142	0.2
00403	PH, LAB, STANDARD UNITS SU	04/03/86-04/03/86	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	04/03/86-04/03/86	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/03/86-04/03/86	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/03/86-11/19/86	9	16.	42.778	260.	2.	6679.444	81.728	2.	14.	23.	260.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/03/86-11/19/86	9	8.	18.111	90.	6.	745.111	27.297	6.	6.5	15.	90.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/03/86-11/19/86	9	8.	25.778	170.	6.	2927.444	54.106	6.	6.	10.	170.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/03/86-11/19/86	9	0.74	0.864	1.7	0.3	0.197	0.444	0.3	0.565	1.25	1.7
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/03/86-11/19/86	9	0.066	0.081	0.248	0.017	0.005	0.071	0.017	0.031	0.103	0.248
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/03/86-11/19/86	8	1.65	1.841	3.4	0.83	0.785	0.886	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/03/86-11/19/86	9	0.59	0.532	0.8	0.025	0.057	0.238	0.025	0.405	0.72	0.8
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/03/86-11/19/86	9	3400.	3014.444	4100.	380.	1481877.778	1217.324	380.	2400.	3775.	4100.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/30/86-11/19/86	7	170000.	564285.714	1900000.	55000.45	3403571428.572	673352.487	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/30/86-11/19/86	7	5.23	5.446	6.279	4.74	0.339	0.582	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			279089.38								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/30/86-11/19/86	7	64000.	238285.714	720000.	7000.79	912238095.238	282687.527	**	**	**	**
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/30/86-11/19/86	7	4.806	4.93	5.857	3.845	0.606	0.779	**	**	**	**
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			85171.807								
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	04/03/86-10/29/86	7	0.3	0.363	0.85	0.09	0.066	0.258	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0210

			Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	9	1	0.11	3	0	0.00	1	0	0.00	5	1	0.20			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: GATE0210

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	8	5	0.63	3	3	1.00	1	0	0.00	4	2	0.50			
00400	PH	Other-Hi Lim.	9.	9	0	0.00	3	0	0.00	1	0	0.00	5	0	0.00			
		Other-Lo Lim.	6.5	9	0	0.00	3	0	0.00	1	0	0.00	5	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	9	0	0.00	3	0	0.00	1	0	0.00	5	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	9	0	0.00	3	0	0.00	1	0	0.00	5	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	6 &	6	1.00	2	2	1.00	1	1	1.00	3	3	1.00			
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	6 &	6	1.00	2	2	1.00	1	1	1.00	3	3	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0211

NPS Station ID: GATE0211 LAT/LON: 40.581392/ -73.986392 Agency: 21NYDECA Date Created: 02/11/89
Location: CONEY ISLAND CR. IN BROOKLYN @ CROPSEY AVE.BR. FIPS State/County: 36047 NEW YORK/KINGS
Station Type: /TYPA/AMBNT/ESTURY/NET STORET Station ID(s): 17011200
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02030202 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST Elevation: 0 Water Body Id: CONEY ISLAND CR. IN BROOK
Minor Basin: LOWER HUDSON - NYC ECO Region:
RF1 Index: 02030202 RF1 Mile Point: 0.000 Distance from RF1: 7.10 On/Off RF1:
RF3 Index: 02030201014600.64 RF3 Mile Point: 0.76 Distance from RF3: 0.03 On/Off RF3:
Description:

Parameter Inventory for Station: GATE0211

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/03/86-11/12/86	12	14.85	15.683	27.	7.	50.856	7.131	7.3	9.25	21.75	26.31
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/30/86-09/03/86	5	22.	22.8	28.	21.	8.7	2.95	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/03/86-11/19/86	9	4.5	9.5	50.	2.	234.375	15.309	2.	3.	7.	50.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/03/86-11/19/86	9	23400.	20500.	30000.	3600.	70065000.	8370.484	3600.	15000.	25500.	30000.
00300	OXYGEN, DISSOLVED MG/L	04/30/86-11/19/86	8	3.	3.525	7.8	1.	5.074	2.252	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	04/03/86-11/19/86	9	5.4	7.689	16.	2.	20.251	4.5	2.	4.7	11.5	16.
00400	PH (STANDARD UNITS)	04/03/86-11/19/86	14	7.05	7.264	8.69	6.6	0.317	0.563	6.65	6.875	7.65	8.245
00400	CONVERTED PH (STANDARD UNITS)	04/03/86-11/19/86	14	7.047	7.043	8.69	6.6	0.37	0.608	6.65	6.875	7.65	8.245
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/03/86-11/19/86	14	0.09	0.091	0.251	0.002	0.005	0.074	0.009	0.023	0.134	0.225
00403	PH, LAB, STANDARD UNITS SU	04/03/86-04/03/86	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	04/03/86-04/03/86	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/03/86-04/03/86	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/03/86-11/19/86	9	16.	42.778	260.	2.	6679.444	81.728	2.	14.	23.	260.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/03/86-11/19/86	9	8.	18.111	90.	6.	745.111	27.297	6.	6.5	15.	90.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/03/86-11/19/86	9	8.	25.778	170.	6.	2927.444	54.106	6.	6.	10.	170.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/03/86-11/19/86	9	0.74	0.864	1.7	0.3	0.197	0.444	0.3	0.565	1.25	1.7
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/03/86-11/19/86	9	0.066	0.081	0.248	0.017	0.005	0.071	0.017	0.031	0.103	0.248
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/03/86-11/19/86	8	1.65	1.841	3.4	0.83	0.785	0.886	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/03/86-11/19/86	8	0.595	0.595	0.8	0.34	0.024	0.153	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/03/86-11/19/86	16	3555.	3366.875	5500.	380.	1405862.917	1185.691	1234.	3095.	4050.	4744.
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	07/11/84-11/12/86	6 ##	15.	16.	26.	10.	34.4	5.865	**	**	**	**
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	06/14/84-11/12/86	3 ##	7.5	7.667	8.	7.5	0.083	0.289	**	**	**	**
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	06/14/84-11/12/86	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	06/14/84-11/12/86	18	155.	153.944	290.	8.	6526.644	80.788	12.5	97.5	202.5	272.
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	06/14/84-10/15/86	8	40.	37.5	50.	20.	107.143	10.351	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	06/14/84-11/12/86	19	62.	67.895	140.	20.	848.099	29.122	30.	50.	88.	100.
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	06/14/84-11/12/86	9	30.	42.222	120.	10.	1394.444	37.342	10.	20.	65.	120.
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	07/11/84-11/12/86	11	200.	134.364	200.	13.	6430.455	80.19	13.4	50.	200.	200.
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	06/14/84-11/12/86	12 ##	50.	40.833	50.	12.	275.424	16.596	12.3	23.75	50.	50.
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	06/14/84-11/12/86	17	25.	41.176	90.	15.	595.404	24.401	15.	25.	65.	82.
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	06/14/84-11/12/86	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/30/86-11/19/86	7	170000.	564285.714	1900000.	55000.45	3403571428.572	673352.487	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/30/86-11/19/86	7	5.23	5.446	6.279	4.74	0.339	0.582	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			279089.38								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/30/86-11/19/86	7	64000.	238285.714	720000.	7000.79	912238095.238	282687.527	**	**	**	**
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/30/86-11/19/86	7	4.806	4.93	5.857	3.845	0.606	0.779	**	**	**	**
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			85171.807								
32106	CHLOROFORM,WHOLE WATER,UG/L	06/14/84-11/12/86	7	1.	1.571	3.	1.	0.619	0.787	**	**	**	**

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Parameter Inventory for Station: GATE0211

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	06/14/84-10/31/84	1	1.	1.	1.	1.	0.	0.	**	**	**	**
34200	ACENAPHTHYLENE TOTWUG/L	06/14/84-10/31/84	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34205	ACENAPHTHENE TOTWUG/L	06/14/84-10/31/84	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34220	ANTHRACENE TOTWUG/L	06/14/84-10/31/84	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	06/14/84-10/31/84	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	06/14/84-10/31/84	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	06/14/84-10/31/84	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	06/14/84-06/14/84	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	06/14/84-10/31/84	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
34320	CHRYSENE TOTWUG/L	06/14/84-10/31/84	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
34341	DIMETHYL PHTHALATE TOTWUG/L	06/14/84-10/31/84	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34346	1,2-DIPHENYLHYDRAZINE TOTWUG/L	06/14/84-10/31/84	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34351	ENDOSULFAN SULFATE TOTWUG/L	06/14/84-10/31/84	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34356	ENDOSULFAN, BETA TOTWUG/L	06/14/84-10/31/84	1 ##	16.	16.	16.	16.	0.	0.	**	**	**	**
34361	ENDOSULFAN, ALPHA TOTWUG/L	06/14/84-10/31/84	1 ##	27.5	27.5	27.5	27.5	0.	0.	**	**	**	**
34366	ENDRIN ALDEHYDE TOTWUG/L	06/14/84-10/31/84	1 ##	9.5	9.5	9.5	9.5	0.	0.	**	**	**	**
34376	FLUORANTHENE TOTWUG/L	06/14/84-10/31/84	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34381	FLUORENE TOTWUG/L	06/14/84-10/31/84	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	06/14/84-10/31/84	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34391	HEXACHLOROBUTADIENE TOTWUG/L	06/14/84-10/31/84	1 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
34396	HEXACHLOROETHANE TOTWUG/L	06/14/84-10/31/84	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34408	ISOPHORONE TOTWUG/L	06/14/84-09/04/84	1 ##	6.	6.	6.	6.	0.	0.	**	**	**	**
34423	METHYLENE CHLORIDE TOTWUG/L	06/14/84-11/12/86	2	1.5	1.5	2.	1.	0.5	0.707	**	**	**	**
34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	06/14/84-10/31/84	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34433	N-NITROSODIPHENYLAMINE TOTWUG/L	06/14/84-10/31/84	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34447	NITROBENZENE TOTWUG/L	06/14/84-10/31/84	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34452	PARACHLOROMETA CRESOL TOTWUG/L	06/14/84-10/31/84	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34459	PCP (PENTACHLOROPHENOL) DISSUG/L	06/14/84-10/31/84	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34461	PHENANTHRENE TOTWUG/L	06/14/84-10/31/84	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34469	PYRENE TOTWUG/L	06/14/84-10/31/84	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	06/14/84-11/12/86	6	2.	6.833	30.	1.	131.367	11.462	**	**	**	**
34496	1,1-DICHLOROETHANE TOTWUG/L	06/14/84-11/12/86	1	1.	1.	1.	1.	0.	0.	**	**	**	**
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	06/14/84-11/12/86	2	1.	1.	1.	1.	0.	0.	**	**	**	**
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	06/14/84-11/12/86	2	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	06/14/84-10/31/84	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
34531	1,2-DICHLOROETHANE TOTWUG/L	06/14/84-11/12/86	1	1.	1.	1.	1.	0.	0.	**	**	**	**
34581	2-CHLORONAPHTHALENE TOTWUG/L	06/14/84-10/31/84	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34586	2-CHLOROPHENOL TOTWUG/L	06/14/84-10/31/84	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34591	2-NITROPHENOL TOTWUG/L	06/14/84-10/31/84	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34596	DI-N-OCTYL PHTHALATE TOTWUG/L	06/14/84-10/31/84	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
34601	2,4-DICHLOROPHENOL TOTWUG/L	06/14/84-10/31/84	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34606	2,4-DIMETHYLPHENOL TOTWUG/L	06/14/84-10/31/84	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34611	2,4-DINITROTOLUENE TOTWUG/L	06/14/84-10/31/84	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34616	2,4-DINITROPHENOL TOTWUG/L	06/14/84-10/31/84	1 ##	14.5	14.5	14.5	14.5	0.	0.	**	**	**	**
34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	06/14/84-10/31/84	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34626	2,6-DINITROTOLUENE TOTWUG/L	06/14/84-10/31/84	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	06/14/84-10/31/84	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	06/14/84-06/14/84	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34646	4-NITROPHENOL TOTWUG/L	06/14/84-10/31/84	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	06/14/84-10/31/84	1 ##	9.	9.	9.	9.	0.	0.	**	**	**	**
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	06/14/84-10/31/84	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34696	NAPHTHALENE TOTWUG/L	06/14/84-10/31/84	1 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	06/14/84-10/31/84	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	06/14/84-11/12/86	1	1.	1.	1.	1.	0.	0.	**	**	**	**
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	06/14/84-10/31/84	1 ##	12.	12.	12.	12.	0.	0.	**	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	06/14/84-10/31/84	1 ##	6.	6.	6.	6.	0.	0.	**	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	06/14/84-10/31/84	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	06/14/84-10/31/84	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	06/14/84-10/31/84	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	06/14/84-10/31/84	6 ##	5.	4.333	5.	1.	2.667	1.633	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	06/14/84-10/31/84	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	06/14/84-10/31/84	6 ##	5.	5.333	7.	5.	0.667	0.816	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	06/14/84-10/31/84	1 ##	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**

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39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	06/14/84-10/31/84	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	04/03/86-10/29/86	7	0.3	0.363	0.85	0.09	0.066	0.258	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	06/14/84-11/12/86	13	1.	1.346	4.8	0.3	1.683	1.297	0.34	0.5	1.4	4.2

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EPA Water Quality Criteria Analysis for Station: GATE0211

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	9	1	0.11	3	0	0.00	1	0	0.00	5	1	0.20			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	8	5	0.63	3	3	1.00	1	0	0.00	4	2	0.50			
00400	PH	Other-Hi Lim.	8.5	14	1	0.07	5	0	0.00	2	0	0.00	7	1	0.14			
		Other-Lo Lim.	6.5	14	0	0.00	5	0	0.00	2	0	0.00	7	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Marine Acute	69.	6	0	0.00	5	0	0.00				1	0	0.00			
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Marine Acute	300.	3	0	0.00	2	0	0.00				1	0	0.00			
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Marine Acute	75.	18	15	0.83	8	8	1.00	1	0	0.00	9	7	0.78			
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Marine Acute	0.12	8	8	1.00	5	5	1.00				3	3	1.00			
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Marine Acute	95.	19	4	0.21	9	3	0.33	1	0	0.00	9	1	0.11			
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Marine Acute	43.	9	2	0.22	4	2	0.50	1	0	0.00	4	0	0.00			
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Marine Acute	220.	11	0	0.00	6	0	0.00	1	0	0.00	4	0	0.00			
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Marine Acute	2.9	9 &	9	1.00	5	5	1.00				4	4	1.00			
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE	Marine Acute	1500.	1	0	0.00							1	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	6 &	6	1.00	2	2	1.00	1	1	1.00	3	3	1.00			
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	6 &	6	1.00	2	2	1.00	1	1	1.00	3	3	1.00			
34205	ACENAPHTHENE, TOTAL	Marine Acute	970.	1	0	0.00							1	0	0.00			
34356	ENDOSULFAN, BETA, TOTAL	Marine Acute	0.034	0 &	0	0.00												
34361	ENDOSULFAN, ALPHA, TOTAL	Marine Acute	0.034	0 &	0	0.00												
34376	FLUORANTHENE, TOTAL	Marine Acute	40.	1	0	0.00							1	0	0.00			
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL	Marine Acute	7.	1	0	0.00							1	0	0.00			
34391	HEXACHLOROBUTADIENE, TOTAL	Marine Acute	32.	1	0	0.00							1	0	0.00			
34396	HEXACHLOROETHANE, TOTAL	Marine Acute	940.	1	0	0.00							1	0	0.00			
34408	ISOPHORONE, TOTAL	Marine Acute	12900.	1	0	0.00							1	0	0.00			
34447	NITROBENZENE, TOTAL	Marine Acute	6680.	1	0	0.00							1	0	0.00			
34459	PCP (PENTACHLOROPHENOL), DISSOLVED	Marine Acute	13.	1	0	0.00							1	0	0.00			
34461	PHENANTHRENE, TOTAL	Marine Acute	7.7	1	0	0.00							1	0	0.00			
34475	TETRACHLOROETHYLENE, TOTAL	Marine Acute	10200.	6	0	0.00	3	0	0.00				3	0	0.00			
34506	1,1,1-TRICHLOROETHANE, TOTAL	Marine Acute	31200.	2	0	0.00							2	0	0.00			
34516	1,1,2,2-TETRACHLOROETHANE, TOTAL	Marine Acute	9020.	2	0	0.00				1	0	0.00	1	0	0.00			
34531	1,2-DICHLOROETHANE, TOTAL	Marine Acute	113000.	1	0	0.00	1	0	0.00									
34611	2,4-DINITROTOLUENE, TOTAL	Marine Acute	590.	1	0	0.00							1	0	0.00			
34694	PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	Marine Acute	5800.	1	0	0.00							1	0	0.00			
34696	NAPHTHALENE, TOTAL	Marine Acute	2350.	1	0	0.00							1	0	0.00			
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Marine Acute	2000.	1	0	0.00	1	0	0.00									
39300	P,P' DDT IN WHOLE WATER SAMPLE	Marine Acute	0.13	0 &	0	0.00												
39310	P,P' DDD IN WHOLE WATER SAMPLE	Marine Acute	3.6	0 &	0	0.00												
39320	P,P' DDE IN WHOLE WATER SAMPLE	Marine Acute	14.	1	0	0.00							1	0	0.00			
39330	ALDRIN IN WHOLE WATER SAMPLE	Marine Acute	1.3	0 &	0	0.00												
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Marine Acute	0.16	0 &	0	0.00												
39380	DIELDRIN IN WHOLE WATER SAMPLE	Marine Acute	0.71	0 &	0	0.00												
39390	ENDRIN IN WHOLE WATER SAMPLE	Marine Acute	0.037	0 &	0	0.00												
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Marine Acute	0.053	0 &	0	0.00												
71900	MERCURY, TOTAL	Marine Acute	2.1	13	2	0.15	5	1	0.20				8	1	0.13			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0212

NPS Station ID: GATE0212
LAT/LON: 40.581392/ -73.986392
Agency: 21NYDEC1
Date Created: 07/27/85
Location: CONEY ISLAND CK @ CROPSEY AVE BRIDGE IN BROOKLYN
FIPS State/County: 36047 NEW YORK/KINGS
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 21701232
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030202
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON NY METROPOLITAN
ECO Region:
RF1 Index: 02030202029
RF1 Mile Point: 13.690
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02030201014600.64
RF3 Mile Point: 0.76
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0212

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/29/86-11/12/86	5	19.8	16.84	24.7	7.	52.773	7.265	**	**	**	**
00400	PH (STANDARD UNITS)	06/23/86-11/12/86	5	7.8	7.678	8.69	6.6	0.562	0.75	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/23/86-11/12/86	5	7.8	7.199	8.69	6.6	0.849	0.922	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/23/86-11/12/86	5	0.016	0.063	0.251	0.002	0.011	0.106	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/01/86-11/12/86	7	3900.	3820.	5500.	2150.	1112966.667	1054.972	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	07/11/84-11/12/86	14	## 5.	9.714	26.	5.	45.143	6.719	5.	5.	15.	22.5
01012	BERYLLIUM, TOTAL (UG/L AS BE)	06/14/84-11/12/86	19	## 10.	9.579	30.	0.01	36.58	6.048	1.	10.	10.	10.
01027	CADMIUM, TOTAL (UG/L AS CD)	06/14/84-11/12/86	17	## 1.	22.148	120.	0.01	1172.934	34.248	0.402	0.75	30.	96.
01034	CHROMIUM, TOTAL (UG/L AS CR)	06/14/84-11/12/86	19	## 13.	25.003	50.	0.05	490.861	22.155	5.	5.	50.	50.
01042	COPPER, TOTAL (UG/L AS CU)	06/14/84-11/12/86	19	## 25.	38.159	90.	0.025	628.257	25.065	15.	25.	60.	80.
01051	LEAD, TOTAL (UG/L AS PB)	07/11/84-11/12/86	15	100.	96.003	200.	0.05	8721.457	93.389	3.02	5.	200.	200.
01059	THALLIUM, TOTAL (UG/L AS TL)	06/14/84-05/29/86	12	## 500.	336.667	500.	5.	58215.152	241.278	5.	15.	500.	500.
01067	NICKEL, TOTAL (UG/L AS NI)	06/14/84-11/12/86	18	155.	150.614	290.	0.06	7388.718	85.958	7.206	97.5	202.5	272.
01077	SILVER, TOTAL (UG/L AS AG)	06/14/84-10/15/86	18	## 10.	21.167	50.	0.5	278.588	16.691	0.5	10.	40.	50.
01092	ZINC, TOTAL (UG/L AS ZN)	06/14/84-11/12/86	19	62.	67.895	140.	20.	848.099	29.122	30.	50.	88.	100.
01097	ANTIMONY, TOTAL (UG/L AS SB)	06/14/84-11/12/86	18	## 6.5	224.333	500.	2.5	64371.676	253.716	2.5	2.5	500.	500.
01147	SELENIUM, TOTAL (UG/L AS SE)	06/14/84-11/12/86	8	## 2.5	4.438	8.	2.5	7.174	2.678	**	**	**	**
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	06/14/84-11/12/86	18	## 0.5	0.861	5.	0.5	1.288	1.135	0.5	0.5	0.5	2.75
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	06/14/84-11/12/86	18	## 0.5	0.861	5.	0.5	1.288	1.135	0.5	0.5	0.5	2.75
32104	BROMOFORM,WHOLE WATER,UG/L	06/14/84-11/12/86	18	## 0.5	0.861	5.	0.5	1.288	1.135	0.5	0.5	0.5	2.75
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	06/14/84-11/12/86	18	## 0.5	0.861	5.	0.5	1.288	1.135	0.5	0.5	0.5	2.75
32106	CHLOROFORM,WHOLE WATER,UG/L	06/14/84-11/12/86	18	## 0.75	1.278	5.	0.5	1.477	1.215	0.5	0.5	2.	3.2
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	06/14/84-10/31/84	6	## 0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	06/14/84-10/31/84	6	## 0.5	0.583	1.	0.5	0.042	0.204	**	**	**	**
34100	NITROGLYCERIN+ETHYLENE GLYCOL DINITRATE IR MG/L	07/11/84-10/31/84	5	## 15.	15.	15.	15.	0.	0.	**	**	**	**
34200	ACENAPHTHYLENE TOTWUG/L	06/14/84-10/31/84	6	## 5.	4.5	5.	2.	1.5	1.225	**	**	**	**
34205	ACENAPHTHENE TOTWUG/L	06/14/84-10/31/84	6	## 5.	4.333	5.	1.	2.667	1.633	**	**	**	**
34220	ANTHRACENE TOTWUG/L	06/14/84-10/31/84	6	## 5.	4.333	5.	1.	2.667	1.633	**	**	**	**
34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	06/14/84-10/31/84	3	## 15.	10.333	15.	1.	65.333	8.083	**	**	**	**
34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	10/04/84-10/31/84	2	## 15.	15.	15.	15.	0.	0.	**	**	**	**
34247	BENZO-A-PYRENE TOTWUG/L	07/11/84-10/31/84	5	## 15.	15.	15.	15.	0.	0.	**	**	**	**
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	06/14/84-10/31/84	6	## 5.	5.	5.	5.	0.	0.	**	**	**	**
34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	06/14/84-10/31/84	6	## 5.	4.417	5.	1.5	2.042	1.429	**	**	**	**
34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	06/14/84-10/31/84	6	## 5.	4.917	5.	4.5	0.042	0.204	**	**	**	**
34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	06/14/84-06/14/84	1	## 3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	06/14/84-10/31/84	6	## 15.	14.75	15.	13.5	0.375	0.612	**	**	**	**
34301	CHLOROBENZENE TOTWUG/L	06/14/84-11/12/86	18	## 0.5	0.861	5.	0.5	1.288	1.135	0.5	0.5	0.5	2.75
34311	CHLOROETHANE TOTWUG/L	06/14/84-11/12/86	18	## 0.5	0.861	5.	0.5	1.288	1.135	0.5	0.5	0.5	2.75

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GATE0212

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34320	CHRYSENE TOTWUG/L	06/14/84-10/31/84	6 ##	15.	12.75	15.	1.5	30.375	5.511	**	**	**	**
34336	DIETHYL PHTHALATE TOTWUG/L	07/11/84-10/31/84	5 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34341	DIMETHYL PHTHALATE TOTWUG/L	06/14/84-10/31/84	6 ##	5.	4.5	5.	2.	1.5	1.225	**	**	**	**
34346	1,2-DIPHENYLHYDRAZINE TOTWUG/L	06/14/84-10/31/84	6 ##	5.	4.333	5.	1.	2.667	1.633	**	**	**	**
34351	ENDOSULFAN SULFATE TOTWUG/L	06/14/84-10/31/84	6 ##	5.	8.333	25.	5.	66.667	8.165	**	**	**	**
34356	ENDOSULFAN, BETA TOTWUG/L	06/14/84-10/31/84	6 ##	5.	6.833	16.	5.	20.167	4.491	**	**	**	**
34361	ENDOSULFAN, ALPHA TOTWUG/L	06/14/84-10/31/84	6 ##	5.	8.75	27.5	5.	84.375	9.186	**	**	**	**
34366	ENDRIN ALDEHYDE TOTWUG/L	06/14/84-10/31/84	6 ##	5.	5.75	9.5	5.	3.375	1.837	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	06/14/84-10/31/84	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34376	FLUORANTHENE TOTWUG/L	06/14/84-10/31/84	6 ##	5.	4.333	5.	1.	2.667	1.633	**	**	**	**
34381	FLUORENE TOTWUG/L	06/14/84-10/31/84	6 ##	5.	4.333	5.	1.	2.667	1.633	**	**	**	**
34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	06/14/84-10/31/84	6 ##	5.	4.833	5.	4.	0.167	0.408	**	**	**	**
34392	HEXACHLOROBUTADIENE DISSUG/L	06/14/84-10/31/84	6 ##	2.5	2.583	3.	2.5	0.042	0.204	**	**	**	**
34396	HEXACHLOROETHANE TOTWUG/L	06/14/84-10/31/84	6 ##	5.	4.417	5.	1.5	2.042	1.429	**	**	**	**
34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	07/11/84-10/31/84	5 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
34408	ISOPHORONE TOTWUG/L	06/14/84-09/04/84	3 ##	5.	5.333	6.	5.	0.333	0.577	**	**	**	**
34413	METHYL BROMIDE TOTWUG/L	06/14/84-11/12/86	18 ##	0.5	0.861	5.	0.5	1.288	1.135	0.5	0.5	0.5	2.75
34418	METHYL CHLORIDE TOTWUG/L	06/14/84-11/12/86	18 ##	0.5	0.861	5.	0.5	1.288	1.135	0.5	0.5	0.5	2.75
34423	METHYLENE CHLORIDE TOTWUG/L	06/14/84-11/12/86	17 ##	0.5	0.971	5.	0.5	1.421	1.192	0.5	0.5	0.5	3.
34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	06/14/84-10/31/84	5 ##	5.	4.6	5.	3.	0.8	0.894	**	**	**	**
34433	N-NITROSODIPHENYLAMINE TOTWUG/L	06/14/84-10/31/84	6 ##	5.	4.333	5.	1.	2.667	1.633	**	**	**	**
34447	NITROBENZENE TOTWUG/L	06/14/84-10/31/84	6 ##	5.	4.75	5.	3.5	0.375	0.612	**	**	**	**
34452	PARACHLOROMETA CRESOL TOTWUG/L	06/14/84-10/31/84	6 ##	5.	4.583	5.	2.5	1.042	1.021	**	**	**	**
34459	PCP (PENTACHLOROPHENOL) DISSUG/L	06/14/84-10/31/84	6 ##	5.	4.75	5.	3.5	0.375	0.612	**	**	**	**
34461	PHENANTHRENE TOTWUG/L	06/14/84-10/31/84	6 ##	5.	4.333	5.	1.	2.667	1.633	**	**	**	**
34469	PYRENE TOTWUG/L	06/14/84-10/31/84	6 ##	5.	4.417	5.	1.5	2.042	1.429	**	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	06/14/84-11/12/86	18 ##	0.5	2.722	30.	0.5	47.801	6.914	0.5	0.5	1.375	7.5
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	06/14/84-11/12/86	18 ##	0.5	0.861	5.	0.5	1.288	1.135	0.5	0.5	0.5	2.75
34496	1,1-DICHLOROETHANE TOTWUG/L	06/14/84-11/12/86	18 ##	0.5	0.889	5.	0.5	1.281	1.132	0.5	0.5	0.5	2.75
34501	1,1-DICHLOROETHYLENE TOTWUG/L	06/14/84-11/12/86	18 ##	0.5	0.861	5.	0.5	1.288	1.135	0.5	0.5	0.5	2.75
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	06/14/84-11/12/86	18 ##	0.5	0.917	5.	0.5	1.272	1.128	0.5	0.5	0.625	2.75
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	06/14/84-11/12/86	18 ##	0.5	0.861	5.	0.5	1.288	1.135	0.5	0.5	0.5	2.75
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	06/14/84-11/12/86	17 ##	0.5	1.706	10.	0.5	6.877	2.622	0.5	0.5	1.5	6.
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	07/11/84-10/31/84	5 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	06/14/84-10/31/84	6 ##	15.	12.833	15.	2.	28.167	5.307	**	**	**	**
34531	1,2-DICHLOROETHANE TOTWUG/L	06/14/84-11/12/86	18 ##	0.5	0.889	5.	0.5	1.281	1.132	0.5	0.5	0.5	2.75
34536	1,2-DICHLOROBENZENE TOTWUG/L	06/14/84-11/12/86	18 ##	0.5	0.639	2.5	0.5	0.23	0.479	0.5	0.5	0.5	1.15
34541	1,2-DICHLOROPROPANE TOTWUG/L	06/14/84-11/12/86	18 ##	0.5	0.861	5.	0.5	1.288	1.135	0.5	0.5	0.5	2.75
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	06/14/84-11/12/86	18 ##	0.5	0.861	5.	0.5	1.288	1.135	0.5	0.5	0.5	2.75
34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	06/14/84-10/31/84	6 ##	2.5	2.333	2.5	1.5	0.167	0.408	**	**	**	**
34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	07/11/84-10/31/84	5 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
34566	1,3-DICHLOROBENZENE TOTWUG/L	06/14/84-11/12/86	18 ##	0.5	0.639	2.5	0.5	0.23	0.479	0.5	0.5	0.5	1.15
34571	1,4-DICHLOROBENZENE TOTWUG/L	06/14/84-11/12/86	18 ##	0.5	0.889	5.5	0.5	1.546	1.243	0.5	0.5	0.5	2.8
34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	06/14/84-11/12/86	18 ##	0.5	0.861	5.	0.5	1.288	1.135	0.5	0.5	0.5	2.75
34581	2-CHLORONAPHTHALENE TOTWUG/L	06/14/84-10/31/84	6 ##	5.	4.417	5.	1.5	2.042	1.429	**	**	**	**
34586	2-CHLOROPHENOL TOTWUG/L	06/14/84-10/31/84	6 ##	5.	4.833	5.	4.	0.167	0.408	**	**	**	**
34591	2-NITROPHENOL TOTWUG/L	06/14/84-10/31/84	6 ##	5.	4.75	5.	3.5	0.375	0.612	**	**	**	**
34596	DI-N-OCTYL PHTHALATE TOTWUG/L	06/14/84-10/31/84	6 ##	15.	13.667	15.	7.	10.667	3.266	**	**	**	**
34601	2,4-DICHLOROPHENOL TOTWUG/L	06/14/84-10/31/84	6 ##	5.	4.833	5.	4.	0.167	0.408	**	**	**	**
34606	2,4-DIMETHYLPHENOL TOTWUG/L	06/14/84-10/31/84	6 ##	5.	4.917	5.	4.5	0.042	0.204	**	**	**	**
34611	2,4-DINITROTOLUENE TOTWUG/L	06/14/84-10/31/84	6 ##	5.	4.417	5.	1.5	2.042	1.429	**	**	**	**
34616	2,4-DINITROPHENOL TOTWUG/L	06/14/84-10/31/84	6 ##	5.	6.583	14.5	5.	15.042	3.878	**	**	**	**
34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	06/14/84-10/31/84	6 ##	5.	4.75	5.	3.5	0.375	0.612	**	**	**	**
34626	2,6-DINITROTOLUENE TOTWUG/L	06/14/84-10/31/84	6 ##	5.	4.667	5.	3.	0.667	0.816	**	**	**	**
34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	07/11/84-10/31/84	5 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	06/14/84-10/31/84	6 ##	5.	4.25	5.	0.5	3.375	1.837	**	**	**	**
34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	06/14/84-06/14/84	1 ##	4.	4.	4.	4.	0.	0.	**	**	**	**
34646	4-NITROPHENOL TOTWUG/L	06/14/84-10/31/84	6 ##	5.	4.333	5.	1.	2.667	1.633	**	**	**	**
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	06/14/84-10/31/84	6 ##	5.	5.667	9.	5.	2.667	1.633	**	**	**	**
34668	DICHLORODIFUOROMETHANE TOTWUG/L	06/14/84-11/12/86	18 ##	0.5	0.861	5.	0.5	1.288	1.135	0.5	0.5	0.5	2.75
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	06/14/84-10/31/84	6 ##	5.	4.583	5.	2.5	1.042	1.021	**	**	**	**
34696	NAPHTHALENE TOTWUG/L	06/14/84-10/31/84	6 ##	2.5	2.583	3.	2.5	0.042	0.204	**	**	**	**
34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	06/14/84-11/12/86	18 ##	0.5	0.861	5.	0.5	1.288	1.135	0.5	0.5	0.5	2.75

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GATE0212

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	06/14/84-11/12/86	18 ##	0.5	0.861	5.	0.5	1.288	1.135	0.5	0.5	0.5	2.75
39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	07/11/84-10/31/84	5 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	06/14/84-10/31/84	6 ##	100.	84.417	100.	6.5	1457.042	38.171	**	**	**	**
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	06/14/84-11/12/86	18 ##	0.5	0.861	5.	0.5	1.288	1.135	0.5	0.5	0.5	2.75
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	06/14/84-11/12/86	18 ##	0.5	0.889	5.	0.5	1.281	1.132	0.5	0.5	0.5	2.75
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	06/14/84-10/31/84	6 ##	5.	6.167	12.	5.	8.167	2.858	**	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	06/14/84-10/31/84	6 ##	5.	5.167	6.	5.	0.167	0.408	**	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	06/14/84-10/31/84	6 ##	5.	4.833	5.	4.	0.167	0.408	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	06/14/84-10/31/84	6 ##	5.	4.75	5.	3.5	0.375	0.612	**	**	**	**
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	06/14/84-10/31/84	6 ##	5.	4.833	5.	4.	0.167	0.408	**	**	**	**
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	06/14/84-10/31/84	6 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	06/14/84-10/31/84	6 ##	5.	4.5	5.	2.	1.5	1.225	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	06/14/84-10/31/84	6 ##	5.	5.333	7.	5.	0.667	0.816	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	07/11/84-10/31/84	5 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	06/14/84-10/31/84	6 ##	5.	5.083	5.5	5.	0.042	0.204	**	**	**	**
39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	07/19/84-07/19/84	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	07/19/84-07/19/84	1	0.17	0.17	0.17	0.17	0.	0.	**	**	**	**
39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	07/19/84-07/19/84	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	06/14/84-10/31/84	6 ##	5.	4.333	5.	1.	2.667	1.633	**	**	**	**
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	06/14/84-10/31/84	6 ##	5.	4.333	5.	1.	2.667	1.633	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	06/14/84-11/12/86	19	0.5	0.953	4.8	0.1	1.476	1.215	0.1	0.1	1.3	3.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0212

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Other-Hi Lim.	9.	5	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00			
		Other-Lo Lim.	6.5	5	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	14	0	0.00	8	0	0.00	1	0	0.00	5	0	0.00			
		Drinking Water	50.	14	0	0.00	8	0	0.00	1	0	0.00	5	0	0.00			
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	19	0	0.00	9	0	0.00	1	0	0.00	9	0	0.00			
		Drinking Water	4.	4 &	1	0.25				1	0	0.00	3	1	0.33			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	17	8	0.47	7	4	0.57	1	0	0.00	9	4	0.44			
		Drinking Water	5.	17	8	0.47	7	4	0.57	1	0	0.00	9	4	0.44			
01034	CHROMIUM, TOTAL	Drinking Water	100.	19	0	0.00	9	0	0.00	1	0	0.00	9	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	10 &	7	0.70	5	5	1.00	1	0	0.00	4	2	0.50			
		Drinking Water	1300.	19	0	0.00	9	0	0.00	1	0	0.00	9	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	15	8	0.53	7	4	0.57	1	0	0.00	7	4	0.57			
		Drinking Water	15.	15	9	0.60	7	5	0.71	1	0	0.00	7	4	0.57			
01059	THALLIUM, TOTAL	Fresh Acute	1400.	12	0	0.00	7	0	0.00				5	0	0.00			
		Drinking Water	2.	0 &	0	0.00												
01067	NICKEL, TOTAL	Fresh Acute	1400.	18	0	0.00	8	0	0.00	1	0	0.00	9	0	0.00			
		Drinking Water	100.	18	14	0.78	8	8	1.00	1	0	0.00	9	6	0.67			
01077	SILVER, TOTAL	Fresh Acute	4.1	10 &	8	0.80	5	5	1.00				5	3	0.60			
		Drinking Water	100.	18	0	0.00	9	0	0.00				9	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	19	1	0.05	9	0	0.00	1	0	0.00	9	1	0.11			
		Drinking Water	5000.	19	0	0.00	9	0	0.00	1	0	0.00	9	0	0.00			
01097	ANTIMONY, TOTAL	Fresh Acute	88.	10 &	0	0.00	4	0	0.00	1	0	0.00	5	0	0.00			
		Drinking Water	6.	10 &	1	0.10	4	0	0.00	1	0	0.00	5	1	0.20			
01147	SELENIUM, TOTAL	Fresh Acute	20.	8	0	0.00	5	0	0.00	1	0	0.00	2	0	0.00			
		Drinking Water	50.	8	0	0.00	5	0	0.00	1	0	0.00	2	0	0.00			
32101	BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	18	0	0.00	9	0	0.00	1	0	0.00	8	0	0.00			
32102	CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	18	0	0.00	9	0	0.00	1	0	0.00	8	0	0.00			
		Drinking Water	5.	17 &	0	0.00	9	0	0.00	1	0	0.00	7	0	0.00			
32104	BROMOFORM, WHOLE WATER	Drinking Water	100.	18	0	0.00	9	0	0.00	1	0	0.00	8	0	0.00			
32105	DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	18	0	0.00	9	0	0.00	1	0	0.00	8	0	0.00			
32106	CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	18	0	0.00	9	0	0.00	1	0	0.00	8	0	0.00			
		Drinking Water	100.	18	0	0.00	9	0	0.00	1	0	0.00	8	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: GATE0212

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	6	0	0.00	4	0	0.00				2	0	0.00			
		Drinking Water	1000.	6	0	0.00	4	0	0.00				2	0	0.00			
34205	ACENAPHTHENE, TOTAL	Fresh Acute	1700.	6	0	0.00	4	0	0.00				2	0	0.00			
34301	CHLOROBENZENE, TOTAL	Drinking Water	100.	18	0	0.00	9	0	0.00	1	0	0.00	8	0	0.00			
34346	1,2-DIPHENYLHYDRAZINE, TOTAL	Fresh Acute	270.	6	0	0.00	4	0	0.00				2	0	0.00			
34356	ENDOSULFAN, BETA, TOTAL	Fresh Acute	0.22	0 &	0	0.00												
34361	ENDOSULFAN, ALPHA, TOTAL	Fresh Acute	0.22	0 &	0	0.00												
34371	ETHYLBENZENE, TOTAL	Fresh Acute	32000.	6	0	0.00	4	0	0.00				2	0	0.00			
		Drinking Water	700.	6	0	0.00	4	0	0.00				2	0	0.00			
34376	FLUORANTHENE, TOTAL	Fresh Acute	3980.	6	0	0.00	4	0	0.00				2	0	0.00			
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL	Fresh Acute	7.	6	0	0.00	4	0	0.00				2	0	0.00			
		Drinking Water	50.	6	0	0.00	4	0	0.00				2	0	0.00			
34392	HEXACHLOROBUTADIENE, DISSOLVED	Fresh Acute	90.	6	0	0.00	4	0	0.00				2	0	0.00			
34396	HEXACHLOROETHANE, TOTAL	Fresh Acute	980.	6	0	0.00	4	0	0.00				2	0	0.00			
34403	IDENO (1,2,3-CD) PYRENE	Drinking Water	0.4	0 &	0	0.00												
34408	ISOPHORONE, TOTAL	Fresh Acute	117000.	3	0	0.00	1	0	0.00				2	0	0.00			
34423	METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	16 &	0	0.00	9	0	0.00	1	0	0.00	6	0	0.00			
34447	NITROBENZENE, TOTAL	Fresh Acute	27000.	6	0	0.00	4	0	0.00				2	0	0.00			
34452	PARACHLOROMETA CRESOL, TOTAL	Fresh Acute	30.	6	0	0.00	4	0	0.00				2	0	0.00			
34459	PCP (PENTACHLOROPHENOL), DISSOLVED	Fresh Acute	20.	6	0	0.00	4	0	0.00				2	0	0.00			
		Drinking Water	1.	0 &	0	0.00												
34461	PHENANTHRENE, TOTAL	Fresh Acute	30.	6	0	0.00	4	0	0.00				2	0	0.00			
34475	TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	18	0	0.00	9	0	0.00	1	0	0.00	8	0	0.00			
		Drinking Water	5.	18	2	0.11	9	1	0.11	1	0	0.00	8	1	0.13			
34501	1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	18	0	0.00	9	0	0.00	1	0	0.00	8	0	0.00			
34506	1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	18	0	0.00	9	0	0.00	1	0	0.00	8	0	0.00			
34511	1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	17 &	0	0.00	9	0	0.00	1	0	0.00	7	0	0.00			
34531	1,2-DICHLOROETHANE, TOTAL	Fresh Acute	118000.	18	0	0.00	9	0	0.00	1	0	0.00	8	0	0.00			
		Drinking Water	5.	17 &	0	0.00	9	0	0.00	1	0	0.00	7	0	0.00			
34536	1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	18	0	0.00	9	0	0.00	1	0	0.00	8	0	0.00			
34541	1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	17 &	0	0.00	9	0	0.00	1	0	0.00	7	0	0.00			
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	18	0	0.00	9	0	0.00	1	0	0.00	8	0	0.00			
34551	1,2,4-TRICHLOROBENZENE, TOTAL	Drinking Water	70.	6	0	0.00	4	0	0.00				2	0	0.00			
34566	1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	18	0	0.00	9	0	0.00	1	0	0.00	8	0	0.00			
34571	1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	18	0	0.00	9	0	0.00	1	0	0.00	8	0	0.00			
34586	2-CHLOROPHENOL, TOTAL	Fresh Acute	4380.	6	0	0.00	4	0	0.00				2	0	0.00			
34601	2,4-DICHLOROPHENOL, TOTAL	Fresh Acute	2020.	6	0	0.00	4	0	0.00				2	0	0.00			
34606	2,4-DIMETHYLPHENOL, TOTAL	Fresh Acute	2120.	6	0	0.00	4	0	0.00				2	0	0.00			
34611	2,4-DINITROTOLUENE, TOTAL	Fresh Acute	330.	6	0	0.00	4	0	0.00				2	0	0.00			
34694	PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	Fresh Acute	10200.	6	0	0.00	4	0	0.00				2	0	0.00			
34696	NAPHTHALENE, TOTAL	Fresh Acute	2300.	6	0	0.00	4	0	0.00				2	0	0.00			
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	16 &	0	0.00	8	0	0.00	1	0	0.00	7	0	0.00			
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	18	0	0.00	9	0	0.00	1	0	0.00	8	0	0.00			
		Drinking Water	5.	17 &	0	0.00	9	0	0.00	1	0	0.00	7	0	0.00			
39300	P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	0 &	0	0.00												
39310	P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	0 &	0	0.00												
39320	P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	6	0	0.00	4	0	0.00				2	0	0.00			
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	0 &	0	0.00												
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	1 &	0	0.00							1	0	0.00			
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	0 &	0	0.00												
		Drinking Water	2.	0 &	0	0.00												
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	0 &	0	0.00												
		Drinking Water	0.4	0 &	0	0.00												
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	0 &	0	0.00												
		Drinking Water	0.2	0 &	0	0.00												
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	6	0	0.00	4	0	0.00				2	0	0.00			
		Drinking Water	1.	0 &	0	0.00												
39782	LINDANE IN WHOLE WATER SAMPLE	Fresh Acute	2.	1 &	0	0.00							1	0	0.00			
		Drinking Water	0.2	0 &	0	0.00												

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: GATE0212

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
71900 MERCURY, TOTAL	Fresh Acute	2.4	19	2	0.11	9	1	0.11	1	0	0.00	9	1	0.11			
	Drinking Water	2.	19	2	0.11	9	1	0.11	1	0	0.00	9	1	0.11			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0213

NPS Station ID: GATE0213
LAT/LON: 40.405837/ -73.986392
Agency: 21NJDEP1
Date Created: 11/01/80
Location: SANDY HOOK BAY AT PLUM ISLAND
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): L6976536782 /TOX23 /IIM02
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST MAJOR BASIN
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA
ECO Region:
RF1 Index: 02030104006
RF1 Mile Point: 8.670
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0213

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GATE0214

NPS Station ID: GATE0214 | LAT/LON: 40.426309/ -73.987031 | Agency: 11NPSWRD | Date Created: 12/21/96
Location: Spermaceti Cove | FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY | STORET Station ID(s): GATE_SH-2
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 02030104 | Depth of Water: 0 | Aquifer:
Major Basin: NORTHEAST | Elevation: 0 | Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METROPOLITAN AREA | ECO Region:
RF1 Index: 02030104 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 02030202104200.00 | RF3 Mile Point: 0.00 | Distance from RF3: 4.93 | On/Off RF3:
Description:
Station is located at Spermaceti Cove in the Sandy Hook Unit of Gateway National Recreation Area. The station can be found on the USGS 7.5 minute Sandy Hook N.Y.-N.J. quadrangle. Samples are collected from Spermaceti Cover across from the Sandy Hook Unit Visitor Center. For additional information on the water quality data stored at this station; contact the Division of Natural Resources at Gateway National Recreation Area - Building 210; Fort Wadsworth; Staten Island N.Y. 10305 (tel. 718-448-5505; fax. 718-448-4015). The park produces an Annual Report summarizing each year's monitoring activities. Data processed and uploaded to STORET by Dean Tucker; NPS Water Resources Division; 1201 Oak Ridge Drive Ste. 250; Fort Collins CO 80525 (tel. 970-225-3516; fax. 970-225-9965).

Parameter Inventory for Station: GATE0214

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/02/88-08/28/96	133	58.	456.699	14137.	0.	2451281.166	1565.657	0.	0.	174.5	676.2
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/02/88-08/28/96	133	1.763	1.456	4.15	0.	1.32	1.149	0.	0.	2.242	2.828
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			28.552								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	136	20.5	123.162	6496.	0.	330849.47	575.195	0.	0.	58.	205.4
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	136	1.271	1.01	3.813	0.	1.017	1.008	0.	0.	1.763	2.313
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			10.24								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0214

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	133	11	0.08	49	11	0.22				84	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	136	16	0.12	52	10	0.19				84	6	0.07			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1988 - Station GATE0214

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/02/88-08/28/96	17	77.	103.294	311.	0.	11299.596	106.3	0.	14.	193.	302.2
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/02/88-08/28/96	17	1.886	1.558	2.493	0.	0.752	0.867	0.	1.136	2.284	2.48
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			36.116								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	18	8.5	60.444	211.	0.	6477.085	80.48	0.	0.	156.75	196.6
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	18	0.91	1.077	2.324	0.	0.904	0.951	0.	0.	2.195	2.293
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			11.949								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0214

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/02/88-08/28/96	22	494.	2140.409	14137.	0.	11136248.539	3337.102	0.	33.	3038.	6224.3
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/02/88-08/28/96	22	2.683	2.359	4.15	0.	1.911	1.382	0.	1.519	3.481	3.794
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			228.748								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	22	0.	28.955	335.	0.	5391.379	73.426	0.	0.	29.	90.1
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	22	0.	0.595	2.525	0.	0.733	0.856	0.	0.	1.462	1.948
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.939								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0214

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/02/88-08/28/96	15	58.	98.6	725.	0.	33015.257	181.701	0.	0.	87.	411.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/02/88-08/28/96	15	1.763	1.386	2.86	0.	0.873	0.934	0.	0.	1.94	2.529
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			24.318								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	15	0.	17.4	58.	0.	576.686	24.014	0.	0.	29.	58.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	15	0.	0.645	1.763	0.	0.679	0.824	0.	0.	1.462	1.763
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4.417								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0214

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/02/88-08/28/96	13	58.	66.923	319.	0.	7622.91	87.309	0.	0.	101.5	237.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/02/88-08/28/96	13	1.763	1.202	2.504	0.	1.018	1.009	0.	0.	2.002	2.328
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			15.922								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	13	0.	42.385	203.	0.	4711.756	68.642	0.	0.	58.	191.4
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	13	0.	0.846	2.307	0.	0.961	0.98	0.	0.	1.763	2.281
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			7.017								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0214

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/02/88-08/28/96	15	58.	79.267	261.	0.	8466.067	92.011	0.	0.	174.	243.6
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/02/88-08/28/96	15	1.763	1.299	2.417	0.	0.988	0.994	0.	0.	2.241	2.386
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			19.906								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0214

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	15	29.	29.	145.	0.	1682.	41.012	0.	0.	29.	110.2
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	15	1.462	0.878	2.161	0.	0.762	0.873	0.	0.	1.462	2.028
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			7.558								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station GATE0214

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/02/88-08/28/96	14	0.	49.714	464.	0.	15064.066	122.736	0.	0.	58.	275.5
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/02/88-08/28/96	14	0.	0.685	2.667	0.	0.973	0.987	0.	0.	1.763	2.303
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.846								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	16	29.	179.438	783.	0.	92534.529	304.195	0.	0.	340.75	762.7
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	16	1.462	1.18	2.894	0.	1.412	1.188	0.	0.	2.42	2.882
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			15.142								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station GATE0214

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/02/88-08/28/96	11	73.	490.909	3667.	0.	1182048.291	1087.22	0.	0.	596.	3093.6
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/02/88-08/28/96	11	1.863	1.538	3.564	0.	1.757	1.325	0.	0.	2.775	3.432
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			34.506								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	11	33.	712.091	6496.	0.	3725795.091	1930.232	0.	0.	530.	5312.8
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	11	1.519	1.447	3.813	0.	1.78	1.334	0.	0.	2.724	3.603
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			28.009								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station GATE0214

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/02/88-08/28/96	13	116.	133.846	580.	0.	28248.974	168.074	0.	0.	232.	464.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/02/88-08/28/96	13	2.064	1.467	2.763	0.	1.163	1.079	0.	0.	2.362	2.643
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			29.294								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	13	87.	200.769	1044.	0.	79399.026	281.778	11.6	29.	261.	788.8
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	13	1.94	1.905	3.019	0.	0.562	0.75	0.585	1.462	2.406	2.855
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			80.295								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1996 - Station GATE0214

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/02/88-08/28/96	13	29.	40.154	174.	0.	2598.474	50.975	0.	0.	72.5	139.2
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/02/88-08/28/96	13	1.462	1.056	2.241	0.	0.808	0.899	0.	0.	1.851	2.12
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			11.386								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	13	29.	35.692	261.	0.	4927.397	70.195	0.	0.	29.	179.8
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	13	1.462	0.884	2.417	0.	0.79	0.889	0.	0.	1.462	2.155
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			7.656								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0214

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/02/88-08/28/96	49	87.	1094.122	14137.	0.	6046821.235	2459.029	0.	29.	599.5	3667.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/02/88-08/28/96	49	1.94	1.965	4.15	0.	1.437	1.199	0.	1.462	2.778	3.564
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			92.305								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	52	29.	222.481	6496.	0.	823260.451	907.337	0.	0.	87.	471.5
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	52	1.462	1.179	3.813	0.	1.178	1.085	0.	0.	1.94	2.665
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			15.087								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0214

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/02/88-08/28/96	84	29.	84.869	800.	0.	21673.971	147.221	0.	0.	99.75	246.5
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/02/88-08/28/96	84	1.462	1.158	2.903	0.	1.025	1.012	0.	0.	1.999	2.391
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			14.4								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	84	6.	61.679	1044.	0.	22264.076	149.212	0.	0.	52.5	170.5
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	84	0.778	0.906	3.019	0.	0.902	0.949	0.	0.	1.719	2.232
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			8.056								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0215

NPS Station ID: GATE0215
LAT/LON: 40.376670/ -73.986948
Agency: 21NJDEP1
Date Created: 08/08/81
Location: NAVESINK RIVER
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 100080007D /1018D /SF03049
RMI-Indexes: 0133006 000020
Within Park Boundary: No
RMI-Miles: 0001.70 0000.70
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST MAJOR BASIN
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA
ECO Region:
RF1 Index: 02030104008
RF1 Mile Point: 0.290
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J.
TIDE CORRECTION (H/L): (+1:09/+1:45)
ASSOCIATED NOAA WEATHER STATION: 4987

Parameter Inventory for Station: GATE0215

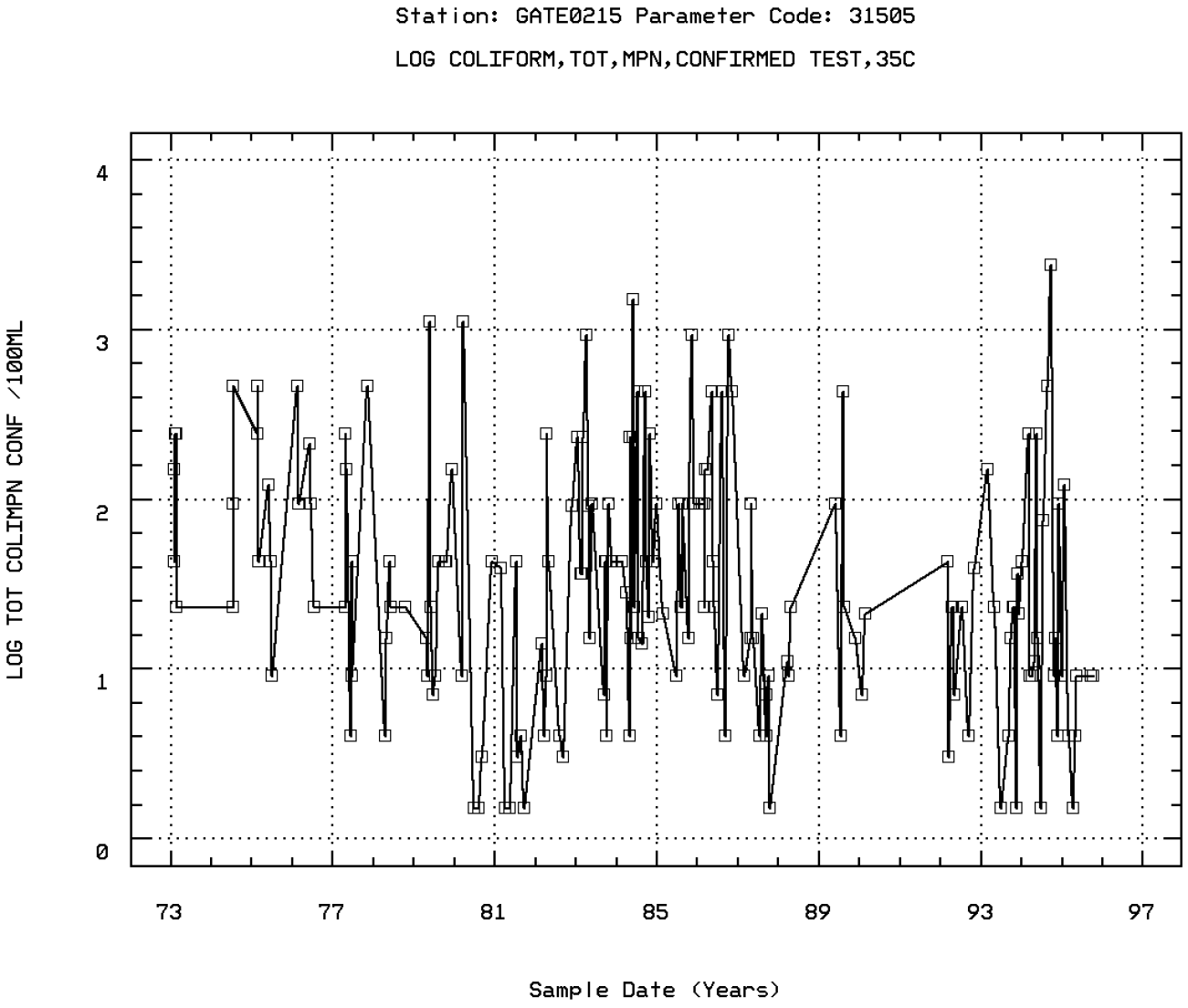
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-10/17/95	53	16.	14.106	28.	0.	66.121	8.131	2.4	5.2	21.1	23.18
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	192	16.5	16.384	32.	0.	61.018	7.811	6.	10.	22.	27.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	210	7.	7.348	20.	0.	22.324	4.725	1.	3.	10.	14.
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	178	23.	122.803	2400.	1.5	76900.393	277.309	4.	9.	93.	430.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	178	1.362	1.488	3.38	0.176	0.534	0.731	0.602	0.954	1.968	2.633
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			30.755								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	178	9.	47.236	2400.	1.5	36281.221	190.476	1.5	4.	23.	93.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	178	0.954	1.078	3.38	0.176	0.398	0.631	0.176	0.602	1.362	1.968
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.977								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	30	3.6	11.633	93.	1.5	348.918	18.679	1.5	3.45	9.1	41.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/88-08/08/95	30	0.556	0.777	1.968	0.176	0.215	0.463	0.176	0.537	0.959	1.606
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			5.978								
31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	07/17/74-10/16/78	8	4.	6.625	11.	4.	13.125	3.623	**	**	**	**
31678	LOG FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATI	07/17/74-10/16/78	8	0.602	0.767	1.041	0.602	0.052	0.227	**	**	**	**
31678	GM FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATIO	GEOMETRIC MEAN =			5.845								
70211p	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	212	11114.5	6711.085	11639.	1000.	24935328.097	4993.529	1157.6	1323.	11255.	11435.7

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

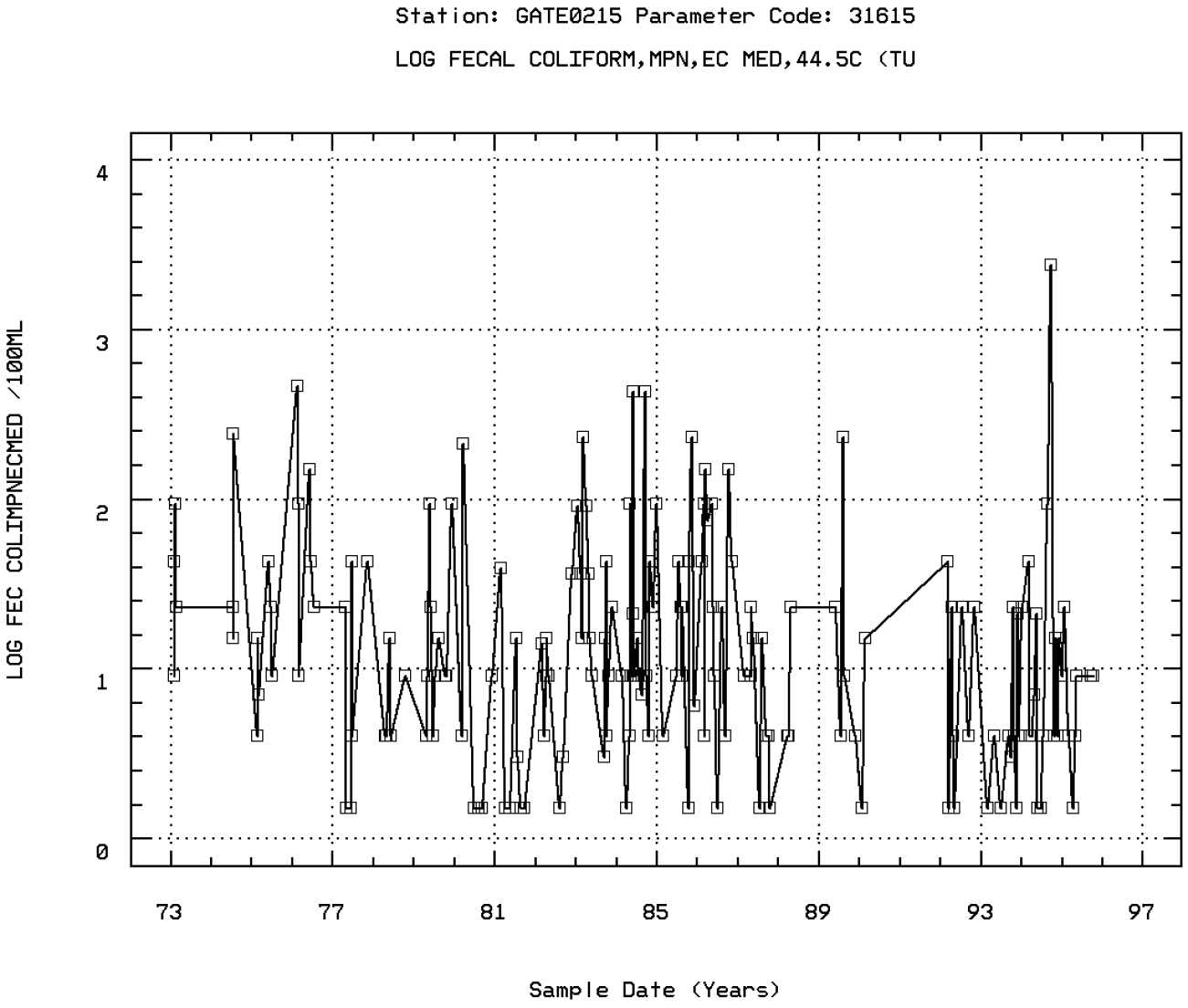
EPA Water Quality Criteria Analysis for Station: GATE0215

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	178	4	0.02	45	1	0.02	57	1	0.02	76	2	0.03			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	178	9	0.05	45	3	0.07	57	4	0.07	76	2	0.03			

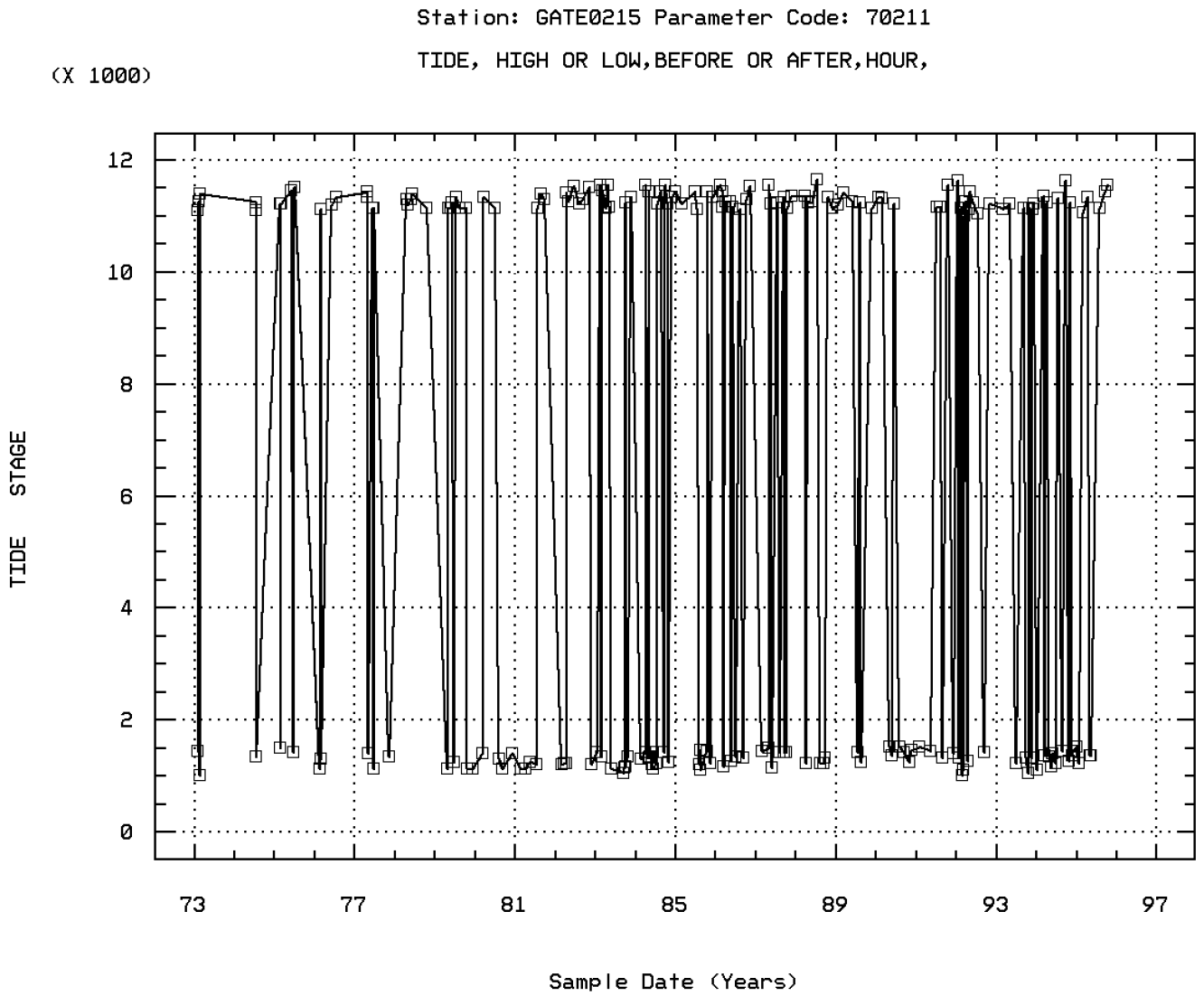
& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



NAVESINK RIVER



NAVESINK RIVER



NAVESINK RIVER

Annual Analysis for 1973 - Station GATE0215

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	5	4.	3.6	6.	0.	5.3	2.302	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	5	150.	139.2	240.	23.	10798.7	103.917	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	5	2.176	1.986	2.38	1.362	0.215	0.464	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			96.904								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	5	23.	38.2	93.	9.	1085.2	32.942	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	5	1.362	1.456	1.968	0.954	0.141	0.375	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			28.571								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	5	11100.	7235.	11400.	1000.	30234700.	5498.609	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station GATE0215

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	3	10.	8.333	10.	5.	8.333	2.887	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	3	93.	192.	460.	23.	55093.	234.719	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	3	1.968	1.998	2.663	1.362	0.424	0.651	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			99.462								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	3	23.	92.667	240.	15.	16296.333	127.657	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	3	1.362	1.639	2.38	1.176	0.42	0.648	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			43.586								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	3	11100.	7891.667	11230.	1345.	32148358.333	5669.952	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GATE0215

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	6	17.5	15.	20.	5.	40.	6.325	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	6	81.5	152.5	460.	9.	29568.3	171.954	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	6	1.856	1.891	2.663	0.954	0.376	0.613	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			77.724								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	6	12.	16.833	43.	4.	209.767	14.483	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	6	1.065	1.095	1.633	0.602	0.139	0.372	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.458								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	6	11215.	8048.333	11500.	1415.	26077736.667	5106.637	**	**	**	**

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Annual Analysis for 1976 - Station GATE0215

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	3	27.2	26.9	28.	25.5	1.63	1.277	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	4	4.5	3.75	5.	1.	3.583	1.893	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	6	93.	162.	460.	23.	24942.4	157.932	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	6	1.968	2.042	2.663	1.362	0.189	0.434	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			110.16								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	6	68.	129.667	460.	9.	28865.467	169.898	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	6	1.801	1.793	2.663	0.954	0.37	0.608	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			62.058								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	5	11115.	7215.	11330.	1130.	30009475.	5478.09	**	**	**	**

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Annual Analysis for 1977 - Station GATE0215

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	7	18.	19.	28.	10.	78.333	8.851	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	6	4.	4.333	10.	1.	10.267	3.204	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	7	43.	132.714	460.	4.	28480.571	168.762	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	7	1.633	1.682	2.663	0.602	0.582	0.763	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			48.03								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	7	23.	19.857	43.	1.5	336.06	18.332	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	7	1.362	0.992	1.633	0.176	0.43	0.656	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.82								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	7	11130.	6982.857	11430.	1130.	28408557.143	5329.968	**	**	**	**

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Annual Analysis for 1978 - Station GATE0215

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	5	16.	17.8	24.	12.	25.2	5.02	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	5	5.	5.6	10.	0.	14.3	3.782	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	5	23.	21.6	43.	4.	203.8	14.276	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	5	1.362	1.227	1.633	0.602	0.149	0.386	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			16.866								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	5	4.	7.2	15.	4.	23.7	4.868	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	5	0.602	0.787	1.176	0.602	0.07	0.266	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.128								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	5	11300.	11266.	11400.	11130.	10780.	103.827	**	**	**	**

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Annual Analysis for 1979 - Station GATE0215

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	10	21.	19.1	28.	4.	52.989	7.279	4.8	13.5	24.25	27.7
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	10	7.5	7.	12.	2.	17.111	4.137	2.1	3.	10.5	12.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	10	33.	144.2	1100.	7.	114563.956	338.473	7.2	9.	69.75	1005.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	10	1.498	1.541	3.041	0.845	0.446	0.668	0.856	0.954	1.769	2.955
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			34.748								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	10	9.	26.8	93.	4.	1247.289	35.317	4.	7.75	40.5	93.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	10	0.954	1.15	1.968	0.602	0.238	0.488	0.602	0.866	1.513	1.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			14.112								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	10	11130.	7170.	11330.	1130.	26804888.889	5177.344	1130.	1130.	11155.	11320.

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Annual Analysis for 1980 - Station GATE0215

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	6	14.	15.5	27.	6.	77.5	8.803	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	6	6.5	6.5	10.	4.	5.5	2.345	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	6	6.	193.	1100.	1.5	197689.9	444.623	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	6	0.716	1.076	3.041	0.176	1.233	1.111	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			11.923								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	6 ##	2.75	37.917	210.	1.5	7115.542	84.354	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	6 ##	0.389	0.734	2.322	0.176	0.704	0.839	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.426								

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Annual Analysis for 1980 - Station GATE0215

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	6	1400.	4615.	11330.	1130.	26268670.	5125.297	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station GATE0215

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	7	20.	21.	31.	10.	41.667	6.455	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	7	10.	9.714	15.	3.	20.571	4.536	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	7	3.	13.357	43.	1.5	358.81	18.942	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	7	0.477	0.69	1.633	0.176	0.425	0.652	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			4.901								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	7 ##	1.5	9.	39.	1.5	199.5	14.124	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	7 ##	0.176	0.564	1.591	0.176	0.34	0.583	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.665								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	7	1230.	5502.857	11400.	1130.	29177257.143	5401.598	**	**	**	**

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Annual Analysis for 1982 - Station GATE0215

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	10	15.5	15.8	26.	4.	43.956	6.63	4.4	11.75	21.25	25.6
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	10	5.5	6.4	15.	1.	18.711	4.326	1.2	3.	10.	14.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	8	11.5	51.	240.	3.	6748.571	82.15	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	8	1.05	1.219	2.38	0.477	0.494	0.703	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			16.569								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	8	9.	11.438	36.	1.5	122.817	11.082	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	8	0.954	0.88	1.556	0.176	0.195	0.441	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.591								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	10	11230.	7305.	11523.	1206.	27514329.556	5245.41	1206.	1214.25	11431.25	11522.3

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Annual Analysis for 1983 - Station GATE0215

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	14	15.5	13.429	22.	0.	45.802	6.768	2.5	7.5	18.75	21.5
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	14	11.	9.786	15.	1.	27.874	5.28	1.	5.75	15.	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	14	43.	135.286	930.	4.	57575.143	239.948	5.5	30.75	127.25	580.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	14	1.633	1.73	2.968	0.602	0.381	0.617	0.724	1.461	2.067	2.665
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			53.74								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	14	19.	44.286	230.	3.	3679.758	60.661	3.5	9.	55.	160.5
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	14	1.269	1.35	2.362	0.477	0.281	0.53	0.54	0.954	1.715	2.16
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			22.4								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	14	6277.	6281.786	11552.	1052.	27588968.951	5252.52	1088.5	1149.25	11355.25	11548.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GATE0215

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	17	19.	18.235	31.	2.	66.566	8.159	6.8	12.	25.	29.4
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	17	9.	8.235	15.	1.	21.191	4.603	1.8	3.5	12.	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	16	43.	206.75	1500.	4.	140479.533	374.806	11.	16.25	237.5	751.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	16	1.633	1.791	3.176	0.602	0.503	0.709	0.983	1.207	2.376	2.796
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			61.814								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	16	9.	69.781	430.	1.5	20271.366	142.378	3.25	7.5	38.	430.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	16	0.954	1.233	2.633	0.176	0.474	0.688	0.474	0.872	1.566	2.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			17.094								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	17	1424.	5454.176	11546.	1121.	26197137.529	5118.314	1186.6	1273.	11379.	11545.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GATE0215

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	11	18.	19.273	32.	7.	58.418	7.643	7.8	12.	26.	30.8
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	11	3.	4.909	15.	2.	17.491	4.182	2.	2.	8.	13.8
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	11	93.	135.091	930.	9.	70920.491	266.309	10.2	21.	93.	762.6
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	11	1.968	1.726	2.968	0.954	0.316	0.563	0.999	1.322	1.968	2.768
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			53.221								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	11	23.	44.045	230.	1.5	4518.123	67.217	2.	6.	43.	202.6
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	11	1.362	1.253	2.362	0.176	0.404	0.636	0.261	0.778	1.633	2.283
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			17.915								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	11	11114.	6762.091	11436.	1106.	27533198.891	5247.209	1125.4	1222.	11430.	11435.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GATE0215

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	13	19.	16.	29.	5.	74.167	8.612	5.4	6.5	22.5	28.2
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	13	4.	5.538	14.	1.	17.603	4.196	1.	2.5	9.	13.2
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	13	93.	215.846	930.	4.	73267.141	270.679	5.2	23.	430.	730.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	13	1.968	1.92	2.968	0.602	0.53	0.728	0.699	1.362	2.633	2.834
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			83.208								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	13	43.	54.731	150.	1.5	2821.109	53.114	2.5	6.5	93.	150.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	13	1.633	1.422	2.176	0.176	0.429	0.655	0.346	0.778	1.968	2.176
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			26.438								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	13	11158.	8213.923	11544.	1159.	23270635.41	4823.965	1197.4	1322.5	11369.	11537.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GATE0215

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	8	13.	13.	22.	7.	24.571	4.957	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	12	5.	6.667	15.	1.	27.697	5.263	1.	1.25	11.5	14.7
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	10	9.	17.85	93.	1.5	733.225	27.078	1.75	4.	16.5	85.8
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	10	0.954	0.978	1.968	0.176	0.236	0.486	0.219	0.602	1.213	1.904
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			9.499								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	10	6.5	8.6	23.	1.5	50.433	7.102	1.5	3.375	15.	22.2
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	10	0.778	0.778	1.362	0.176	0.171	0.413	0.176	0.496	1.176	1.343
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.999								

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Annual Analysis for 1987 - Station GATE0215

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	12	6317.	6346.333	11556.	1141.	26813795.515	5178.204	1222.9	1417.5	11303.	11495.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GATE0215

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	10	14.5	15.	26.	6.	42.	6.481	6.3	9.75	19.	25.9
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	10	6.	5.7	10.	0.	7.789	2.791	0.3	4.5	8.	9.8
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	3	11.	14.333	23.	9.	57.333	7.572	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	3	1.041	1.119	1.362	0.954	0.046	0.215	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			13.156								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	3	4.	10.333	23.	4.	120.333	10.97	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	3	0.602	0.855	1.362	0.602	0.192	0.439	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.166								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	10	11178.5	7291.4	11639.	1213.	27111918.933	5206.911	1213.1	1221.5	11339.5	11610.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0215

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	7	21.	19.571	28.	5.	74.619	8.638	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	7	5.	6.286	15.	1.	25.905	5.09	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	5	23.	113.	430.	4.	32618.5	180.606	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	5	1.362	1.548	2.633	0.602	0.606	0.778	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			35.348								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	5	9.	54.	230.	4.	9740.5	98.694	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	5	0.954	1.176	2.362	0.602	0.537	0.733	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			15.009								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	7	11203.	8412.	11416.	1238.	23461266.333	4843.683	**	**	**	**

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Annual Analysis for 1990 - Station GATE0215

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	9	19.	16.556	25.	5.	53.778	7.333	5.	8.5	22.5	25.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	9	10.	9.778	15.	4.	17.194	4.147	4.	6.	14.5	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	2	14.	14.	21.	7.	98.	9.899	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	2	1.084	1.084	1.322	0.845	0.114	0.337	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			12.124								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	2 ##	8.25	8.25	15.	1.5	91.125	9.546	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	2 ##	0.676	0.676	1.176	0.176	0.5	0.707	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.743								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	9	1505.	4706.333	11330.	1248.	24376093.25	4937.215	1248.	1386.	11267.5	11330.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0215

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	7	24.	20.286	30.	6.	88.905	9.429	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	7	8.	7.857	14.	1.	17.143	4.14	**	**	**	**
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	7	1511.	5645.	11544.	1312.	27847058.667	5277.031	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0215

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	14	9.5	12.571	29.	3.	65.187	8.074	4.	6.	19.25	26.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	14	7.5	7.214	15.	1.	21.72	4.66	1.	2.	10.5	14.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	8	23.	20.625	43.	3.	232.554	15.25	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	8	1.362	1.154	1.633	0.477	0.201	0.449	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			14.264								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	8	13.5	15.375	43.	1.5	225.911	15.03	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	8	0.982	0.909	1.633	0.176	0.343	0.586	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.117								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	14	11068.	7651.714	11624.	1001.	24798684.989	4979.828	1055.5	1296.5	11241.25	11530.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station GATE0215

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	10	13.5	15.2	32.	5.	63.511	7.969	5.4	9.	20.25	31.2
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	10	5.5	6.2	14.	1.	16.622	4.077	1.2	3.	8.25	13.8
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	10	22.	29.8	150.	1.5	1909.9	43.702	1.5	3.375	26.25	138.6
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	10	1.342	1.127	2.176	0.176	0.397	0.63	0.176	0.496	1.41	2.114
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			13.397								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	10	4.	6.75	23.	1.5	66.014	8.125	1.5	1.5	8.25	22.8
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	10	0.602	0.61	1.362	0.176	0.184	0.429	0.176	0.176	0.782	1.358
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.072								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	10	11117.	7182.6	11219.	1047.	26278265.6	5126.233	1063.6	1295.5	11149.	11218.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station GATE0215

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	15	15.	14.533	27.	0.	61.981	7.873	3.	7.	20.	27.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	15	10.	7.6	14.	1.	29.971	5.475	1.	1.	14.	14.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	15	15.	241.633	2400.	1.5	373425.374	611.085	3.	9.	240.	1236.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	15	1.176	1.554	3.38	0.176	0.76	0.872	0.432	0.954	2.38	2.95
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			35.836								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	15	7.	176.	2400.	1.5	379100.821	615.712	1.5	4.	23.	1015.8
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	15	0.845	1.082	3.38	0.176	0.67	0.818	0.176	0.602	1.362	2.533
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.07								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	15	1400.	4654.667	11619.	1107.	24027393.667	4901.775	1137.	1259.	11243.	11455.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station GATE0215

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	9	13.	12.	24.	1.	70.25	8.382	1.	2.5	19.	24.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	9	10.	10.667	14.	2.	14.	3.742	2.	10.	14.	14.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	8	9.	20.688	120.	1.5	1619.21	40.239	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	8	0.954	0.91	2.079	0.176	0.3	0.548	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			8.12								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	8	9.	8.563	23.	1.5	42.96	6.554	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	8	0.954	0.82	1.362	0.176	0.125	0.354	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.605								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	9	11054.	6882.111	11547.	1210.	27492932.861	5243.37	1210.	1352.	11381.	11547.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0215

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	52	20.	20.135	32.	11.	29.021	5.387	12.	16.	24.	27.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	55	6.	6.727	15.	0.	21.387	4.625	1.	3.	10.	14.4
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	45	21.	137.078	2400.	1.5	151034.011	388.631	3.	4.	43.	430.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	45	1.322	1.344	3.38	0.176	0.612	0.782	0.477	0.602	1.633	2.633
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			22.096								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	45	9.	82.589	2400.	1.5	130257.412	360.912	1.5	4.	23.	115.8
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	45	0.954	0.989	3.38	0.176	0.489	0.699	0.176	0.602	1.362	2.052
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.754								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	10	3.6	5.55	23.	1.5	42.014	6.482	1.5	2.625	4.975	21.61
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/88-08/08/95	10	0.556	0.585	1.362	0.176	0.123	0.35	0.176	0.402	0.657	1.321
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			3.848								
70211p	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	55	1447.	6017.509	11619.	1047.	25416643.069	5041.492	1136.6	1300.	11232.	11433.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0215

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	60	7.	7.883	19.	0.	16.851	4.105	3.	5.	10.	13.9
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	69	8.	8.232	20.	0.	24.21	4.92	1.	4.	13.	15.
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	57	43.	131.149	1100.	1.5	43730.732	209.119	6.4	18.	150.	436.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	57	1.633	1.696	3.041	0.176	0.426	0.653	0.796	1.249	2.176	2.639
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			49.651								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	57	15.	45.491	460.	1.5	6053.487	77.804	4.	4.	43.	104.4
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	57	1.176	1.241	2.663	0.176	0.375	0.613	0.602	0.602	1.633	2.01
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			17.425								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	12	9.1	20.858	93.	1.5	724.468	26.916	1.5	4.525	37.5	78.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/88-08/08/95	12	0.959	1.014	1.968	0.176	0.311	0.558	0.176	0.633	1.556	1.868
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			10.323								
70211p	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	71	11100.	6642.	11624.	1000.	25246092.543	5024.549	1135.8	1323.	11326.	11436.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

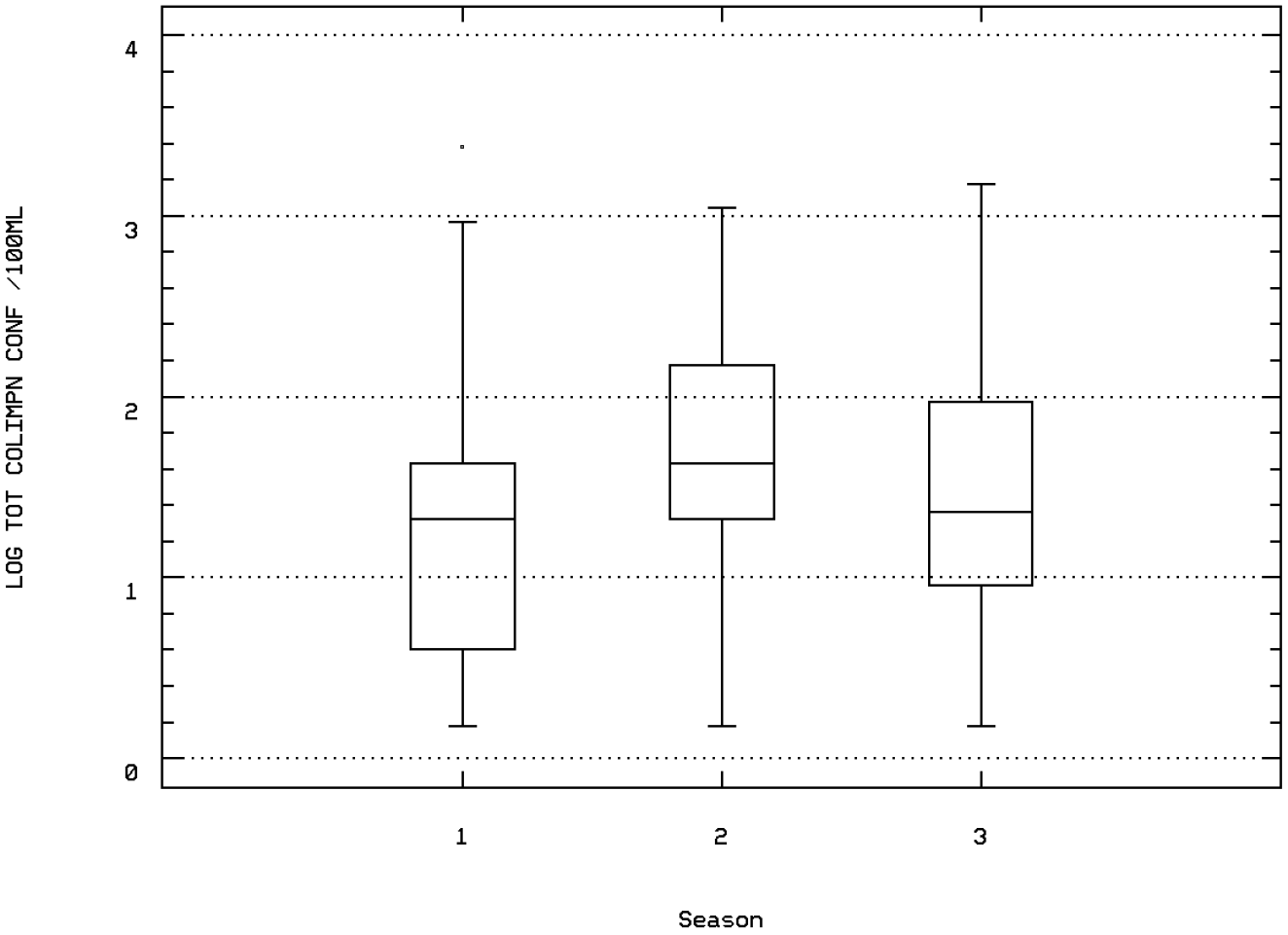
Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0215

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	80	20.5	20.321	32.	8.	36.365	6.03	12.	15.	26.	28.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	86	6.	7.035	20.	0.	20.952	4.577	1.7	3.	10.	14.
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	76	23.	108.092	1500.	1.5	59831.531	244.605	3.7	9.	93.	240.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	76	1.362	1.417	3.176	0.176	0.532	0.729	0.565	0.954	1.968	2.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			26.117								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	76	9.	27.612	430.	1.5	3543.611	59.528	1.5	4.	23.	79.8
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	76	0.954	1.009	2.633	0.176	0.343	0.586	0.176	0.602	1.362	1.9
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.209								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	8	3.6	5.4	9.1	1.5	9.891	3.145	**	**	**	**
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/88-08/08/95	8	0.556	0.66	0.959	0.176	0.078	0.279	**	**	**	**
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			4.569								
70211p	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	86	11130.	7211.686	11639.	1121.	24391539.112	4938.779	1202.1	1338.5	11253.	11435.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: GATE0215 Parameter Code: 31505

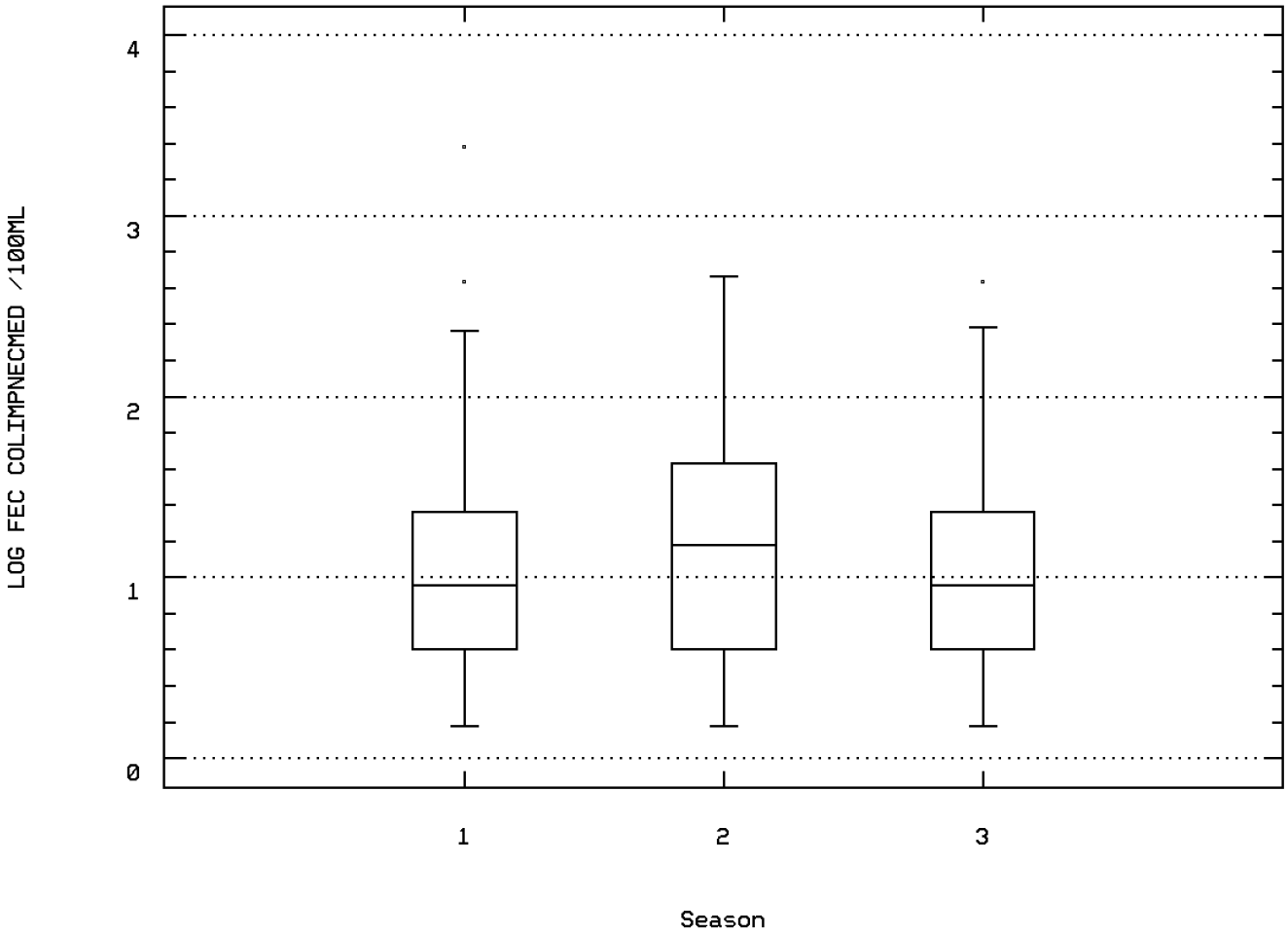
LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C



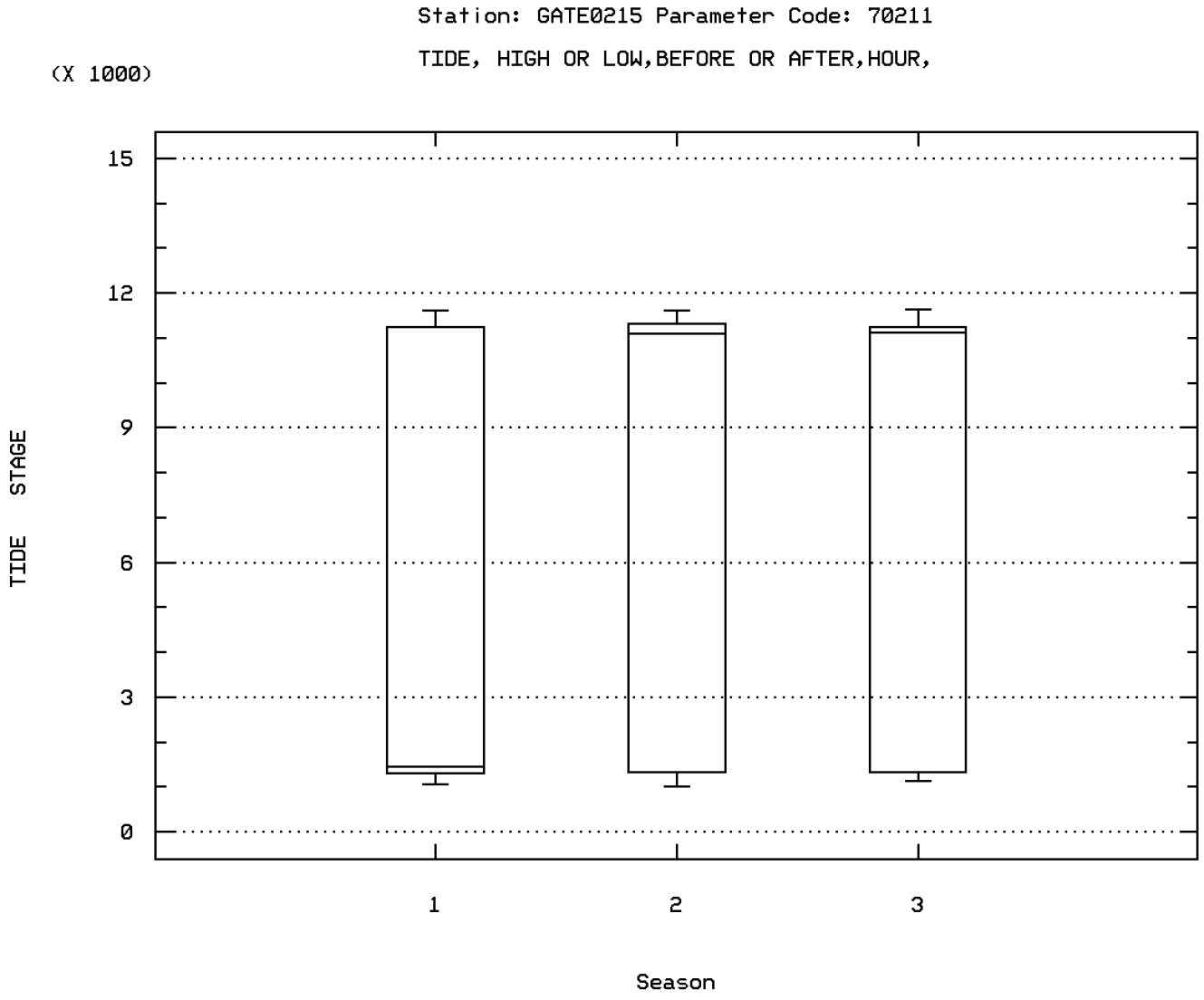
NAVESINK RIVER

Station: GATE0215 Parameter Code: 31615

LOG FECAL COLIFORM,MPN,EC MED,44.5C (TU



NAVESINK RIVER



NAVESINK RIVER

Station Inventory for Station: GATE0216

NPS Station ID: GATE0216 LAT/LON: 40.426392/ -73.986948 Agency: 21NJDEP1 Date Created: 10/08/85
Location: SANDY HOOK BAY AT SPERMACETTI COVE MIDDLETOWN FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): L6980236906 /CCMPMC0009
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 02030104 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST MAJOR BASIN Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA ECO Region:
RF1 Index: 02030104013 RF1 Mile Point: 2.120 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:

Parameter Inventory for Station: GATE0216

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/10/85-09/03/85	12	17.	529.417	2400.	3.	858869.902	926.752	3.3	5.25	885.	2400.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/10/85-09/03/85	12	1.202	1.696	3.38	0.477	1.246	1.116	0.515	0.69	2.876	3.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			49.649								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/85-09/13/93	159	13.	51.55	1100.	1.	21889.599	147.951	2.	4.	30.	80.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/85-09/13/93	159	1.114	1.111	3.041	0.	0.447	0.669	0.301	0.602	1.477	1.903
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			12.911								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0216

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	12	3	0.25	5	2	0.40				7	1	0.14			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1985 - Station GATE0216

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/85-09/13/93	12	9.	107.208	1100.	1.5	98037.384	313.109	1.5	1.875	43.	782.9
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/85-09/13/93	12	0.954	1.098	3.041	0.176	0.7	0.837	0.176	0.251	1.633	2.619
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			12.521								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GATE0216

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/85-09/13/93	19	11.	46.474	540.	1.	14966.708	122.338	1.	2.	33.	110.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/85-09/13/93	19	1.041	0.988	2.732	0.	0.566	0.752	0.	0.301	1.519	2.041
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			9.729								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GATE0216

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/85-09/13/93	19	11.	70.842	900.	1.	41554.474	203.849	1.	2.	50.	140.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/85-09/13/93	19	1.041	1.069	2.954	0.	0.626	0.791	0.	0.301	1.699	2.146
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			11.718								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GATE0216

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/85-09/13/93	18	28.	80.056	900.	1.	42781.232	206.836	1.9	12.5	57.5	189.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/85-09/13/93	18	1.446	1.354	2.954	0.	0.447	0.669	0.271	1.096	1.75	2.133
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			22.598								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0216

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/85-09/13/93	18	23.	35.222	170.	2.	1803.242	42.465	3.8	10.25	50.	116.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/85-09/13/93	18	1.362	1.295	2.23	0.301	0.253	0.503	0.572	1.007	1.699	2.06
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			19.737								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0216

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/85-09/13/93	17	13.	61.765	500.	1.	14238.191	119.324	1.8	6.	80.	204.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/85-09/13/93	17	1.114	1.261	2.699	0.	0.539	0.734	0.241	0.753	1.903	2.231
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			18.231								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0216

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/85-09/13/93	19	8.	54.158	500.	1.	13834.696	117.621	2.	4.	23.	170.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/85-09/13/93	19	0.903	1.102	2.699	0.	0.544	0.738	0.301	0.602	1.362	2.23
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			12.659								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0216

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/85-09/13/93	19	8.	15.105	80.	2.	474.877	21.792	2.	2.	14.	70.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/85-09/13/93	19	0.903	0.896	1.903	0.301	0.238	0.488	0.301	0.301	1.146	1.845
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			7.873								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station GATE0216

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/85-09/13/93	18	10.	13.333	30.	1.	109.176	10.449	1.9	6.25	24.75	30.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/85-09/13/93	18	0.998	0.961	1.477	0.	0.19	0.436	0.271	0.784	1.391	1.477
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			9.136								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0216

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/85-09/13/93	53	13.	51.906	540.	1.	13855.818	117.711	2.	4.	38.	98.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/85-09/13/93	53	1.114	1.144	2.732	0.	0.487	0.698	0.301	0.602	1.576	1.986
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			13.919								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0216

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/85-09/13/93	106	11.	51.373	1100.	1.	26076.61	161.483	2.	4.	30.	83.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/85-09/13/93	106	1.041	1.095	3.041	0.	0.431	0.656	0.301	0.602	1.477	1.918
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			12.434								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0217

NPS Station ID: GATE0217 LAT/LON: 40.409448/ -73.987504 Agency: 21NJDEP1 Date Created: 04/04/81
Location: SANDY HOOK BAY FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): L6977636804 /904A /SF02034
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 02030104 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST MAJOR BASIN Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA ECO Region:
RF1 Index: 02030104006 RF1 Mile Point: 8.580 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J. TIDE CORRECTION (H/L): (-0:01/ 0:00)
ASSOCIATED NOAA WEATHER STATION: 7865

Parameter Inventory for Station: GATE0217

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-05/18/92	63	18.	14.735	25.	-0.6	66.47	8.153	1.9	8.	22.	23.3
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	141	18.	18.872	36.	0.	72.612	8.521	8.	12.	26.	30.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	167	4.	4.934	20.	0.	14.219	3.771	1.	2.	8.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	150	23.	109.987	2400.	1.5	100336.597	316.76	3.1	9.	93.	240.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	150	1.362	1.413	3.38	0.176	0.506	0.712	0.49	0.954	1.968	2.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			25.879								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	148	9.	30.767	930.	1.5	7068.842	84.076	1.5	4.	23.	93.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	148	0.954	1.033	2.968	0.176	0.351	0.592	0.176	0.602	1.362	1.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.79								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/15/90-05/18/92	18	3.6	5.667	23.	1.5	44.871	6.699	1.5	1.5	4.975	23.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	05/15/90-05/18/92	18	0.556	0.564	1.362	0.176	0.146	0.383	0.176	0.176	0.657	1.362
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			3.663								
31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	01/17/74-12/01/78	8	4.	4.625	9.	4.	3.125	1.768	**	**	**	**
31678	LOG FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATI	01/17/74-12/01/78	8	0.602	0.646	0.954	0.602	0.016	0.125	**	**	**	**
31678	GM FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATIO	GEOMETRIC MEAN =			4.427								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	168	11118.	6817.827	11632.	1122.	24508104.802	4950.566	1311.	1415.	11315.	11442.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0217

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	150	5	0.03	35	0	0.00	50	3	0.06	65	2	0.03			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	148	3	0.02	35	0	0.00	49	3	0.06	64	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1973 - Station GATE0217

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	7	5.	6.	12.	3.	8.	2.828	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	7	11.	35.286	93.	9.	1571.238	39.639	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	7	1.041	1.321	1.968	0.954	0.211	0.459	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			20.965								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	7	9.	13.929	43.	1.5	212.036	14.561	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	7	0.954	0.924	1.633	0.176	0.249	0.499	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.39								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	7	1430.	4144.286	11130.	1130.	22461503.571	4739.357	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station GATE0217

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	7	6.	6.714	15.	0.	34.238	5.851	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	7	93.	133.143	240.	23.	6681.143	81.738	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	7	1.968	2.029	2.38	1.362	0.121	0.348	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			106.93								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	7	93.	92.286	240.	9.	5247.571	72.44	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	7	1.968	1.821	2.38	0.954	0.195	0.441	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			66.253								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	7	1445.	4240.714	11345.	1230.	23562886.905	4854.162	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GATE0217

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	10	7.5	8.3	20.	0.	34.9	5.908	0.2	4.25	11.25	19.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	10	93.	194.1	1100.	43.	105188.322	324.327	43.	43.	172.5	1014.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	10	1.968	2.004	3.041	1.633	0.2	0.447	1.633	1.633	2.227	2.975
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			100.856								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	9	43.	60.111	150.	9.	3235.861	56.885	9.	15.	121.5	150.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	9	1.633	1.584	2.176	0.954	0.204	0.452	0.954	1.176	2.072	2.176
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			38.368								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	10	1450.	5308.5	11500.	1145.	26400072.5	5138.1	1155.	1320.	11195.	11484.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GATE0217

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	10	26.	24.9	30.	10.	32.1	5.666	11.4	24.	28.25	29.9
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	9	3.	4.111	15.	1.	21.361	4.622	1.	1.	5.5	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	10	33.	264.65	2400.	1.5	563178.336	750.452	1.75	18.25	43.	2164.3
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	10	1.498	1.478	3.38	0.176	0.691	0.831	0.219	1.172	1.633	3.206
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			30.043								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	10	15.	15.2	43.	1.5	178.344	13.355	1.5	2.625	23.	41.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	10	1.176	0.95	1.633	0.176	0.291	0.54	0.176	0.402	1.362	1.606
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.917								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	10	11315.	9368.5	11615.	1315.	17961355.833	4238.084	1318.	8770.	11433.75	11598.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GATE0217

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	7	16.	19.	32.	6.	95.667	9.781	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	7	5.	4.143	10.	0.	10.81	3.288	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	7	43.	188.714	1100.	4.	162304.238	402.87	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	7	1.633	1.631	3.041	0.602	0.574	0.757	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			42.752								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	7	7.	46.429	240.	4.	7497.619	86.589	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	7	0.845	1.147	2.38	0.602	0.464	0.681	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			14.017								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	7	11245.	7080.714	11415.	1330.	27765003.571	5269.251	**	**	**	**

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Annual Analysis for 1979 - Station GATE0217

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	9	26.	26.556	36.	15.	45.778	6.766	15.	22.	32.	36.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	9	5.	4.889	10.	2.	6.611	2.571	2.	2.5	6.5	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	9	23.	75.222	460.	4.	21575.194	146.885	4.	8.	68.	460.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	9	1.362	1.396	2.663	0.602	0.396	0.629	0.602	0.9	1.801	2.663
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			24.899								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	9	4.	24.722	150.	1.5	2275.569	47.703	1.5	4.	23.	150.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	9	0.602	0.938	2.176	0.176	0.366	0.605	0.176	0.602	1.362	2.176
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.661								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	9	11245.	6964.444	11600.	1330.	27904752.778	5282.495	1330.	1372.5	11457.5	11600.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GATE0217

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	6	18.5	17.167	28.	0.	108.967	10.439	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	6	1.5	3.	10.	0.	16.	4.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	6	26.	233.	1100.	3.	188762.8	434.468	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	6	1.294	1.494	3.041	0.477	1.112	1.054	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			31.184								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	6	16.	28.917	93.	1.5	1221.842	34.955	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	6	1.158	1.116	1.968	0.176	0.446	0.668	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			13.062								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	6	11345.	8099.167	11545.	1330.	26761084.167	5173.112	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station GATE0217

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	11	15.	16.364	30.	6.	70.255	8.382	6.2	9.	23.	29.8
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	11	3.	3.636	10.	0.	10.055	3.171	0.	1.	7.	9.4
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	11	15.	41.773	240.	1.5	5040.318	70.995	1.5	1.5	43.	210.6
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	11	1.176	1.12	2.38	0.176	0.54	0.735	0.176	0.176	1.633	2.298
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			13.184								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	11	4.	17.773	93.	1.5	780.918	27.945	1.5	1.5	23.	83.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	11	0.602	0.845	1.968	0.176	0.372	0.61	0.176	0.176	1.362	1.901
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.997								

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Annual Analysis for 1981 - Station GATE0217

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	11	1506.	4105.182	11315.	1238.	21314598.364	4616.774	1239.4	1343.	11245.	11315.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station GATE0217

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	10	17.	17.7	35.	9.	59.344	7.704	9.2	11.75	20.5	34.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	10	5.	4.9	8.	1.	4.989	2.234	1.2	3.	6.5	8.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	10	63.5	72.2	240.	4.	4743.733	68.875	5.1	21.	93.	225.3
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	10	1.758	1.649	2.38	0.602	0.261	0.511	0.659	1.315	1.968	2.339
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			44.542								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	9	15.	17.611	43.	1.5	177.236	13.313	1.5	9.	25.5	43.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	9	1.176	1.109	1.633	0.176	0.176	0.42	0.176	0.954	1.366	1.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.845								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	10	6425.5	6397.5	11514.	1328.	27459937.611	5240.223	1330.5	1397.25	11343.25	11497.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station GATE0217

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	11	16.	17.727	29.	7.	47.018	6.857	7.8	12.	23.	28.4
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	11	5.	5.273	10.	1.	11.018	3.319	1.2	2.	8.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	11	15.	25.318	93.	1.5	952.164	30.857	1.5	1.5	36.	89.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	11	1.176	1.03	1.968	0.176	0.445	0.667	0.176	0.176	1.556	1.947
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			10.721								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	11	9.	15.591	73.	1.5	464.191	21.545	1.5	1.5	15.	65.6
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	11	0.954	0.864	1.863	0.176	0.327	0.572	0.176	0.176	1.176	1.802
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.305								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	11	1604.	5931.182	11601.	1251.	27305908.964	5225.506	1263.	1311.	11428.	11572.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GATE0217

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	15	17.	16.933	30.	4.	69.924	8.362	5.2	8.	23.	29.4
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	15	5.	5.867	12.	1.	13.695	3.701	1.6	3.	10.	11.4
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	15	20.	54.267	430.	4.	11686.638	108.105	4.	4.	43.	227.8
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	15	1.301	1.271	2.633	0.602	0.389	0.623	0.602	0.602	1.633	2.234
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			18.669								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	15	9.	12.333	43.	1.5	134.06	11.578	1.5	4.	23.	31.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	15	0.954	0.897	1.633	0.176	0.202	0.45	0.176	0.602	1.362	1.47
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.895								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	15	11147.	9240.2	11420.	1327.	16356747.171	4044.348	1376.2	11013.	11256.	11379.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GATE0217

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	10	18.5	19.6	31.	9.	59.378	7.706	9.1	13.	26.5	30.7
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	10	4.5	4.6	9.	1.	8.489	2.914	1.1	2.	8.	8.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	10	35.5	277.7	2400.	1.5	557524.178	746.675	1.5	7.125	93.	2169.3
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	10	1.54	1.485	3.38	0.176	0.902	0.95	0.176	0.76	1.968	3.239
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			30.541								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	10	9.	112.	930.	1.5	83390.167	288.774	1.5	7.125	55.5	846.3
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	10	0.954	1.192	2.968	0.176	0.694	0.833	0.176	0.76	1.717	2.868
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			15.544								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	10	11206.	7312.7	11353.	1211.	26157037.344	5114.395	1223.2	1402.	11321.	11351.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GATE0217

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	10	13.5	17.3	32.	4.	121.122	11.006	4.2	7.5	29.	31.7
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	10	3.	4.8	12.	1.	19.067	4.367	1.	1.75	10.25	11.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	10	33.	116.5	460.	4.	30584.056	174.883	5.9	23.	177.25	457.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	10	1.498	1.658	2.663	0.602	0.392	0.626	0.678	1.362	2.135	2.66
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			45.505								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	10	23.	27.35	93.	1.5	716.669	26.771	1.75	7.75	40.	88.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	10	1.362	1.219	1.968	0.176	0.275	0.524	0.219	0.866	1.602	1.935
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			16.545								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	10	6263.5	6279.6	11632.	1159.	28364357.822	5325.82	1164.	1217.25	11259.25	11602.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GATE0217

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	7	15.	17.286	33.	9.	69.571	8.341	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	10	2.	3.6	9.	1.	10.933	3.307	1.	1.	8.	8.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	10	14.	69.25	230.	1.5	8405.514	91.682	1.75	4.	127.25	230.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	10	1.146	1.329	2.362	0.176	0.616	0.785	0.219	0.602	2.067	2.362
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			21.316								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	10	5.5	16.7	93.	1.5	767.956	27.712	1.5	3.375	17.	86.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	10	0.724	0.866	1.968	0.176	0.311	0.557	0.176	0.496	1.223	1.908
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.338								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	10	11217.5	10232.3	11456.	1330.	9802625.789	3130.915	2298.9	11034.75	11287.75	11450.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GATE0217

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	8	21.	19.	31.	2.	114.857	10.717	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	8	4.	4.75	12.	1.	11.357	3.37	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	8	13.	16.188	43.	1.5	179.424	13.395	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	8	1.109	1.038	1.633	0.176	0.218	0.466	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			10.923								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	8	5.5	7.625	23.	1.5	50.196	7.085	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	8	0.724	0.72	1.362	0.176	0.172	0.415	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.246								

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Annual Analysis for 1988 - Station GATE0217

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	8	6316.5	6386.625	11514.	1358.	27794480.554	5272.047	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0217

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	7	18.	17.571	29.	1.	97.952	9.897	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	7	2.	3.143	8.	1.	7.143	2.673	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	7	9.	41.857	240.	4.	7646.143	87.442	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	7	0.954	1.121	2.38	0.602	0.341	0.584	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			13.201								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	7	4.	8.5	23.	1.5	62.083	7.879	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	7	0.602	0.764	1.362	0.176	0.174	0.417	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.81								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	7	1537.	5713.857	11438.	1404.	27927565.81	5284.654	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0217

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	8	19.5	20.5	31.	10.	70.857	8.418	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	8	3.5	3.625	8.	1.	5.696	2.387	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	2 ##	2.25	2.25	3.	1.5	1.125	1.061	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	2 ##	0.327	0.327	0.477	0.176	0.045	0.213	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			2.121								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	2 ##	2.25	2.25	3.	1.5	1.125	1.061	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	2 ##	0.327	0.327	0.477	0.176	0.045	0.213	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.121								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	8	6325.	6321.375	11424.	1315.	27959503.125	5287.675	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0217

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	8	17.5	18.625	30.	11.	50.268	7.09	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	8	6.5	6.125	12.	1.	17.839	4.224	**	**	**	**
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	8	11224.5	7648.75	11543.	1310.	26101019.357	5108.916	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0217

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	4	12.	13.25	22.	7.	50.25	7.089	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	4	4.	5.25	12.	1.	22.25	4.717	**	**	**	**
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	4	6330.5	6253.75	11232.	1122.	32342464.25	5687.044	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0217

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-05/18/92	13	23.3	22.585	25.	16.	5.721	2.392	17.6	21.85	23.95	25.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	31	23.	21.935	36.	7.	50.996	7.141	11.6	16.	27.	30.8
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	40	5.	5.1	12.	1.	9.682	3.112	2.	3.	6.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	35	15.	36.871	240.	1.5	2383.534	48.821	3.	4.	43.	93.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	35	1.176	1.217	2.38	0.176	0.354	0.595	0.432	0.602	1.633	1.968
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			16.469								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	35	7.	13.243	93.	1.5	333.064	18.25	1.5	1.5	15.	43.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	35	0.845	0.826	1.968	0.176	0.265	0.515	0.176	0.176	1.176	1.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.694								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	40	11024.5	6574.325	11514.	1130.	24839521.763	4983.926	1311.4	1419.	11236.	11428.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0217

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-05/18/92	20	5.	4.13	10.	-0.6	9.83	3.135	0.65	1.25	7.75	0.26
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	45	10.	9.911	17.	0.	17.401	4.171	4.	7.5	12.	16.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	57	4.	5.14	20.	0.	20.444	4.522	0.	1.	8.5	11.2
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	50	43.	186.62	2400.	1.5	237297.281	487.132	3.1	14.	93.	240.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	50	1.633	1.592	3.38	0.176	0.604	0.777	0.49	1.142	1.968	2.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			39.082								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	49	15.	54.602	930.	1.5	19180.073	138.492	1.5	4.	43.	93.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	49	1.176	1.207	2.968	0.176	0.431	0.656	0.176	0.602	1.633	1.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			16.123								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	57	1604.	6272.702	11615.	1122.	25093291.106	5009.32	1308.2	1372.5	11318.5	11467.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0217

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-05/18/92	30	20.	18.403	23.	10.	14.197	3.768	12.	16.	21.025	22.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	65	26.	23.615	35.	10.	39.115	6.254	14.6	18.5	28.5	30.4
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	70	3.5	4.671	15.	0.	12.021	3.467	1.	2.	7.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	65	23.	90.408	1100.	1.5	42748.304	206.757	3.	9.	58.	240.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	65	1.362	1.381	3.041	0.176	0.482	0.694	0.477	0.954	1.748	2.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			24.04								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	64	9.	22.102	150.	1.5	1012.073	31.813	1.5	4.	23.	58.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	64	0.954	1.013	2.176	0.176	0.299	0.547	0.176	0.602	1.362	1.748
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.3								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	71	11215.	7392.648	11632.	1145.	23944545.174	4893.316	1265.4	1415.	11336.	11442.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0218

NPS Station ID: GATE0218 LAT/LON: 40.379449/ -73.988060 Agency: 21NJDEP1 Date Created: 08/08/81
Location: NAVESINK RIVER FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): 100080007C /1018C /SF03050
RMI-Indexes: 0133006 000020 Within Park Boundary: No
RMI-Miles: 0001.70 0000.70
HUC: 02030104 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST MAJOR BASIN Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA ECO Region:
RF1 Index: 02030104008 RF1 Mile Point: 0.390 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J. TIDE CORRECTION (H/L): (+1:09/+1:45)
ASSOCIATED NOAA WEATHER STATION: 4987

Parameter Inventory for Station: GATE0218

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-02/28/73	5	1.7	1.78	3.3	0.	2.297	1.516	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-02/28/73	5	4.	3.6	6.	0.	5.3	2.302	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-02/28/73	5	150.	234.4	460.	9.	44928.3	211.963	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-02/28/73	5	2.176	2.085	2.663	0.954	0.492	0.701	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			121.581								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-02/28/73	5	23.	34.2	93.	9.	1117.2	33.425	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-02/28/73	5	1.362	1.402	1.968	0.954	0.132	0.363	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			25.211								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-02/28/73	5	11100.	7235.	11400.	1000.	30234700.	5498.609	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0218

				Total	Exceed	Prop.	----------8/01-10/31----------			----------11/01-3/31----------			----------4/01-7/31----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	5	0	0.00				5	0	0.00						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	5	0	0.00				5	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0219

NPS Station ID: GATE0219
LAT/LON: 40.405837/ -73.988060
Agency: 21NJDEP1
Date Created: 10/17/87
Location: RECREATION CENTER HIGHLANDS
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): L6977236782 /CCMPMC0049
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST MAJOR BASIN
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA
ECO Region:
RF1 Index: 02030104
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0219

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/04/87-09/13/93	140	19.5	77.479	1600.	1.	48633.302	220.53	2.2	7.25	50.	139.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	05/04/87-09/13/93	140	1.286	1.3	3.204	0.	0.44	0.663	0.331	0.86	1.699	2.143
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			19.967								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Annual Analysis for 1987 - Station GATE0219

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/04/87-09/13/93	21	23.	122.429	1600.	1.	118431.457	344.139	2.4	6.	110.	218.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	05/04/87-09/13/93	21	1.362	1.376	3.204	0.	0.599	0.774	0.361	0.753	2.041	2.327
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			23.772								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GATE0219

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/04/87-09/13/93	19	23.	45.895	130.	2.	2119.322	46.036	4.	8.	80.	130.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	05/04/87-09/13/93	19	1.362	1.368	2.114	0.301	0.341	0.584	0.602	0.903	1.903	2.114
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			23.331								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0219

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/04/87-09/13/93	21	13.	35.095	240.	4.	2828.09	53.18	4.8	11.	36.5	80.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	05/04/87-09/13/93	21	1.114	1.278	2.38	0.602	0.201	0.449	0.662	1.041	1.53	1.903
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			18.985								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0219

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/04/87-09/13/93	19	30.	64.842	240.	4.	4783.474	69.163	4.	22.	110.	170.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	05/04/87-09/13/93	19	1.477	1.547	2.38	0.602	0.282	0.532	0.602	1.342	2.041	2.23
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			35.221								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0219

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/04/87-09/13/93	21	22.	105.619	900.	2.	47383.448	217.677	2.	5.5	75.	448.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	05/04/87-09/13/93	21	1.342	1.348	2.954	0.301	0.63	0.794	0.301	0.724	1.874	2.635
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			22.293								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0219

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/04/87-09/13/93	21	11.	138.19	1600.	2.	149822.062	387.069	2.	4.	40.	748.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	05/04/87-09/13/93	21	1.041	1.2	3.204	0.301	0.642	0.801	0.301	0.602	1.588	2.793
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			15.857								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station GATE0219

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/04/87-09/13/93	18	8.	17.5	50.	2.	326.382	18.066	2.	3.5	30.	50.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	05/04/87-09/13/93	18	0.903	0.967	1.699	0.301	0.286	0.535	0.301	0.527	1.477	1.699
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			9.265								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0219

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/04/87-09/13/93	49	23.	75.327	900.	2.	32410.474	180.029	4.	9.5	50.	170.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	05/04/87-09/13/93	49	1.362	1.356	2.954	0.301	0.405	0.636	0.602	0.972	1.699	2.23
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			22.692								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0219

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/04/87-09/13/93	91	17.	78.637	1600.	1.	57821.967	240.462	2.	4.	50.	138.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	05/04/87-09/13/93	91	1.23	1.27	3.204	0.	0.461	0.679	0.301	0.602	1.699	2.14
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			18.638								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0220

NPS Station ID: GATE0220 LAT/LON: 40.380837/ -73.988060 Agency: 21NJDEP1 Date Created: 08/08/81
Location: NAVESINK RIVER FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): 100080007B /1018B /SF03051
RMI-Indexes: 0133006 000020 Within Park Boundary: No
RMI-Miles: 0001.70 0000.70
HUC: 02030104 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST MAJOR BASIN Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA ECO Region:
RF1 Index: 02030104008 RF1 Mile Point: 0.390 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J. TIDE CORRECTION (H/L): (+1:09/+1:45)
ASSOCIATED NOAA WEATHER STATION: 4987

Parameter Inventory for Station: GATE0220

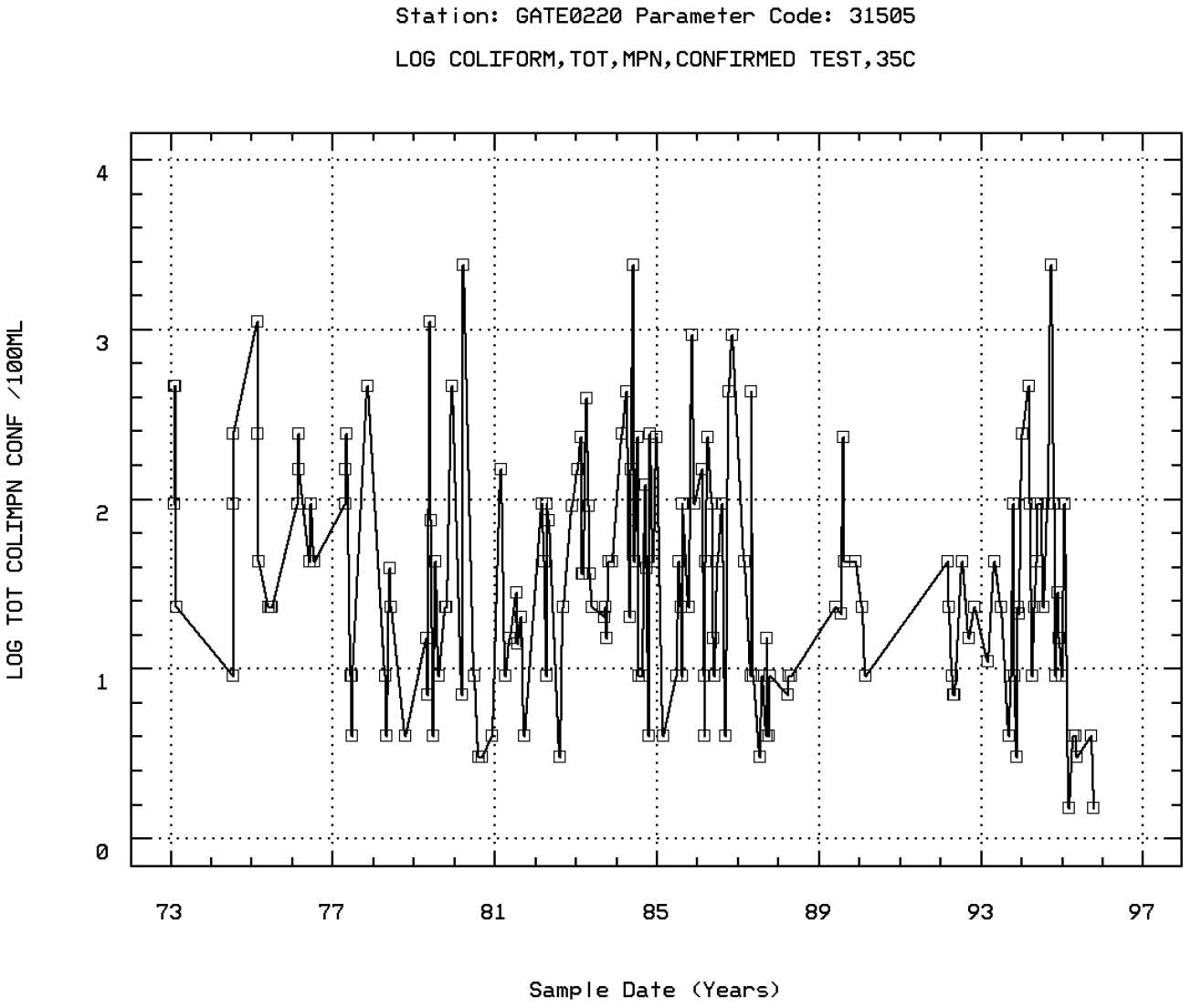
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-10/17/95	53	16.	14.106	28.	0.	66.121	8.131	2.4	5.2	21.1	23.18
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	192	16.5	16.384	32.	0.	61.018	7.811	6.	10.	22.	27.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	210	7.	7.348	20.	0.	22.324	4.725	1.	3.	10.	14.
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	177	23.	131.898	2400.	1.5	120362.123	346.932	4.	9.	93.	240.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	177	1.362	1.51	3.38	0.176	0.474	0.689	0.602	0.954	1.968	2.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			32.359								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	177	9.	56.986	2400.	1.5	47937.899	218.947	1.5	4.	23.	93.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	177	0.954	1.093	3.38	0.176	0.406	0.638	0.176	0.602	1.362	1.968
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.376								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	29	9.1	14.176	93.	1.5	330.142	18.17	1.5	3.6	23.	23.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/88-08/08/95	29	0.959	0.904	1.968	0.176	0.231	0.481	0.176	0.556	1.362	1.362
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			8.014								
31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	07/17/74-10/16/78	8	4.	6.625	11.	4.	13.125	3.623	**	**	**	**
31678	LOG FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATI	07/17/74-10/16/78	8	0.602	0.767	1.041	0.602	0.052	0.227	**	**	**	**
31678	GM FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATIO	GEOMETRIC MEAN =			5.845								
70211p	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	212	11118.5	6761.675	11712.	1000.	24907241.623	4990.716	1169.9	1323.25	11300.	11436.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

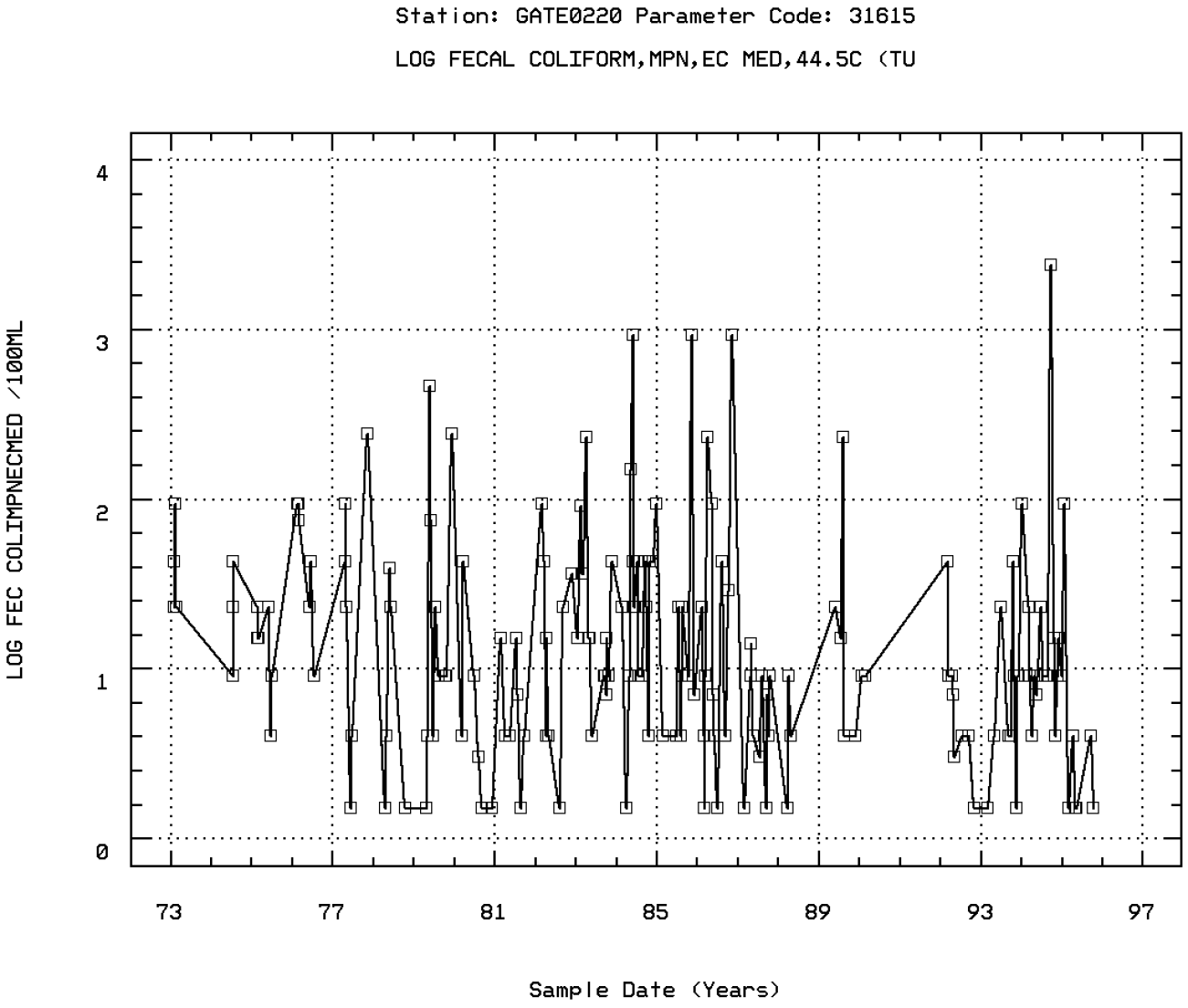
EPA Water Quality Criteria Analysis for Station: GATE0220

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	177	5	0.03	45	1	0.02	57	2	0.04	75	2	0.03			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	177	10	0.06	45	2	0.04	57	4	0.07	75	4	0.05			

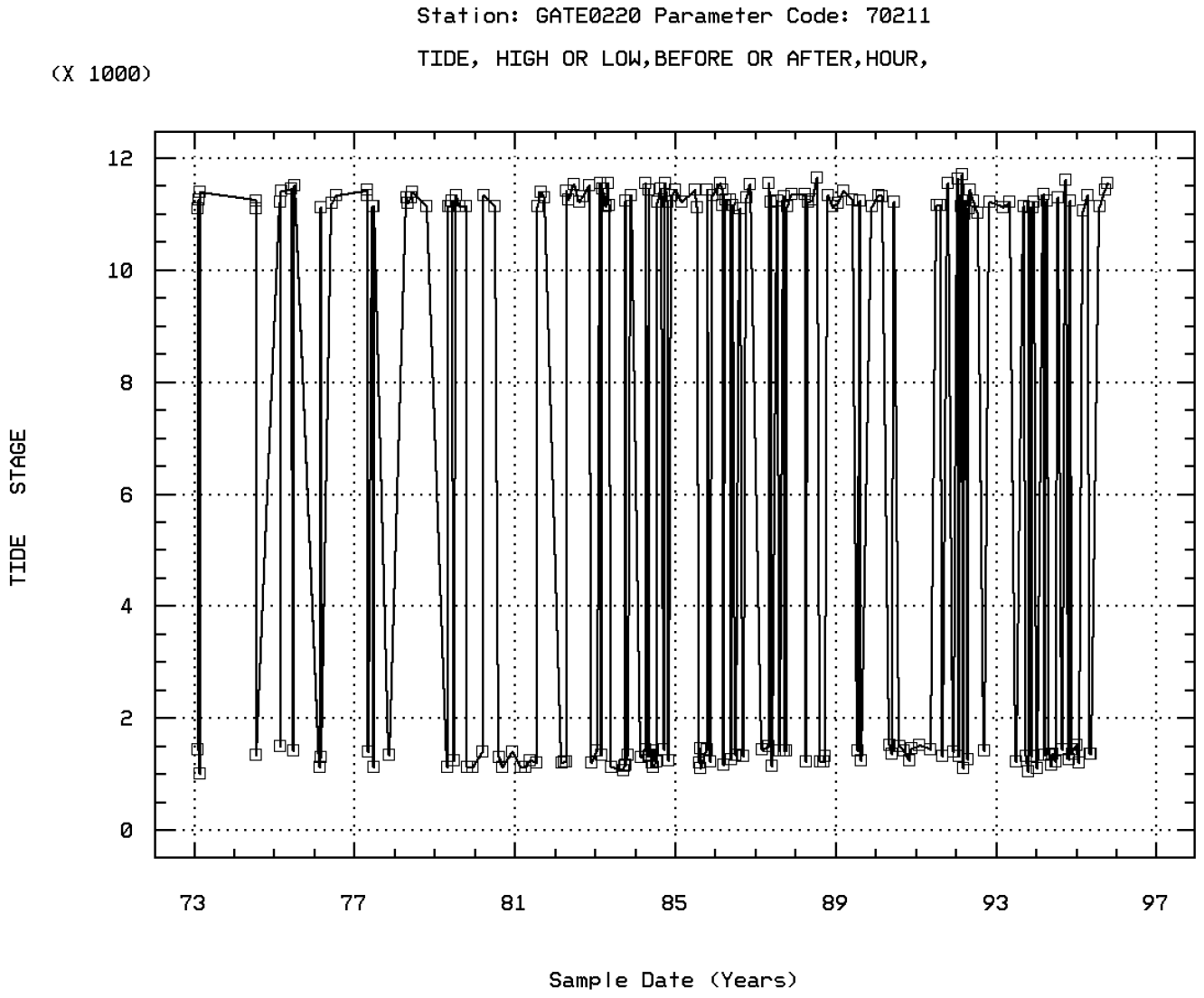
& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



NAVESINK RIVER



NAVESINK RIVER



NAVESINK RIVER

Annual Analysis for 1973 - Station GATE0220

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	5	4.	3.6	6.	0.	5.3	2.302	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	5	93.	211.8	460.	23.	52152.7	228.37	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	5	1.968	2.003	2.663	1.362	0.424	0.651	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			100.807								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	5	23.	41.	93.	23.	920.	30.332	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	5	1.362	1.537	1.968	1.362	0.072	0.268	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			34.469								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	5	11100.	7235.	11400.	1000.	30234700.	5498.609	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station GATE0220

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	3	10.	8.333	10.	5.	8.333	2.887	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	3	93.	114.	240.	9.	13671.	116.923	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	3	1.968	1.768	2.38	0.954	0.539	0.734	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			58.566								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	3	23.	25.	43.	9.	292.	17.088	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	3	1.362	1.316	1.633	0.954	0.117	0.342	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			20.724								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	3	11100.	7891.667	11230.	1345.	32148358.333	5669.952	**	**	**	**

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Annual Analysis for 1975 - Station GATE0220

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	6	17.5	15.	20.	5.	40.	6.325	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	6	33.	242.	1100.	23.	183930.4	428.871	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	6	1.498	1.857	3.041	1.362	0.492	0.702	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			71.897								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	6	15.	14.833	23.	4.	56.967	7.548	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	6	1.176	1.105	1.362	0.602	0.084	0.289	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.745								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	6	11315.	8081.667	11500.	1415.	26337736.667	5132.03	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station GATE0220

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	3	27.2	26.9	28.	25.5	1.63	1.277	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	4	4.5	3.75	5.	1.	3.583	1.893	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	6	93.	110.333	240.	43.	5611.067	74.907	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	6	1.968	1.96	2.38	1.633	0.087	0.296	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			91.208								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	6	59.	56.	93.	9.	1313.2	36.238	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	6	1.754	1.627	1.968	0.954	0.164	0.404	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			42.356								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	5	11115.	7215.	11330.	1130.	30009475.	5478.09	**	**	**	**

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Annual Analysis for 1977 - Station GATE0220

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	7	18.	19.	28.	10.	78.333	8.851	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	6	4.	4.333	10.	1.	10.267	3.204	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	7	93.	137.857	460.	4.	27915.81	167.08	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	7	1.968	1.671	2.663	0.602	0.667	0.817	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			46.898								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	7	23.	58.357	240.	1.5	7470.393	86.431	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	7	1.362	1.246	2.38	0.176	0.658	0.811	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			17.632								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	7	11130.	6982.857	11430.	1130.	28408557.143	5329.968	**	**	**	**

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Annual Analysis for 1978 - Station GATE0220

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	5	16.	17.8	24.	12.	25.2	5.02	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	5	5.	5.6	10.	0.	14.3	3.782	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	5	9.	15.8	39.	4.	228.7	15.123	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	5	0.954	1.022	1.591	0.602	0.199	0.446	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			10.525								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	5	4.	13.8	39.	1.5	279.575	16.72	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	5	0.602	0.781	1.591	0.176	0.439	0.663	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.045								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	5	11300.	11266.	11400.	11130.	10780.	103.827	**	**	**	**

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Annual Analysis for 1979 - Station GATE0220

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	10	21.	19.1	28.	4.	52.989	7.279	4.8	13.5	24.25	27.7
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	10	7.5	7.	12.	2.	17.111	4.137	2.1	3.	10.5	12.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	10	23.	175.9	1100.	4.	124566.1	352.939	4.3	8.5	171.25	1036.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	10	1.362	1.551	3.041	0.602	0.615	0.784	0.626	0.927	2.072	3.004
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			35.593								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	10	9.	83.45	460.	1.5	22888.025	151.288	1.75	4.	116.25	438.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	10	0.954	1.252	2.663	0.176	0.659	0.812	0.219	0.602	2.001	2.635
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			17.876								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	10	11130.	7170.	11330.	1130.	26804888.889	5177.344	1130.	1130.	11155.	11320.

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Annual Analysis for 1980 - Station GATE0220

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	6	14.	15.5	27.	6.	77.5	8.803	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	6	6.5	6.5	10.	4.	5.5	2.345	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	6	5.5	404.333	2400.	3.	955850.267	977.676	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	6	0.724	1.123	3.38	0.477	1.261	1.123	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			13.263								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	6	3.5	10.333	43.	1.5	263.767	16.241	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	6	0.54	0.67	1.633	0.176	0.308	0.555	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.676								

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Annual Analysis for 1980 - Station GATE0220

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	6	1400.	4615.	11330.	1130.	26268670.	5125.297	**	**	**	**

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Annual Analysis for 1981 - Station GATE0220

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	7	20.	21.	31.	10.	41.667	6.455	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	7	10.	9.714	15.	3.	20.571	4.536	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	7	15.	34.286	150.	4.	2662.238	51.597	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	7	1.176	1.258	2.176	0.602	0.237	0.487	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			18.094								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	7	4.	7.214	15.	1.5	30.821	5.552	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	7	0.602	0.74	1.176	0.176	0.128	0.357	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.495								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	7	1230.	5502.857	11400.	1130.	29177257.143	5401.598	**	**	**	**

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Annual Analysis for 1982 - Station GATE0220

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	10	15.5	15.8	26.	4.	43.956	6.63	4.4	11.75	21.25	25.6
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	10	5.5	6.4	15.	1.	18.711	4.326	1.2	3.	10.	14.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	8	59.	53.75	93.	3.	1508.5	38.839	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	8	1.754	1.525	1.968	0.477	0.31	0.556	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			33.474								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	8	19.	27.438	93.	1.5	937.103	30.612	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	8	1.269	1.135	1.968	0.176	0.38	0.617	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			13.631								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	10	11232.	7307.	11525.	1208.	27514329.556	5245.41	1208.	1216.25	11433.25	11524.3

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Annual Analysis for 1983 - Station GATE0220

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	14	15.5	13.429	22.	0.	45.802	6.768	2.5	7.5	18.75	21.5
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	14	11.	9.786	15.	1.	27.874	5.28	1.	5.75	15.	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	14	36.	82.214	390.	15.	11588.181	107.648	15.	22.25	105.75	310.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	14	1.556	1.671	2.591	1.176	0.194	0.44	1.176	1.347	2.013	2.476
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			46.931								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	14	15.	38.143	230.	4.	3573.978	59.783	5.5	9.	37.75	160.5
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	14	1.176	1.292	2.362	0.602	0.224	0.474	0.724	0.954	1.576	2.16
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			19.566								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	14	6279.	6283.786	11554.	1054.	27588968.951	5252.52	1090.5	1151.25	11357.25	11550.

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Annual Analysis for 1984 - Station GATE0220

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	17	19.	18.235	31.	2.	66.566	8.159	6.8	12.	25.	29.4
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	17	9.	8.235	15.	1.	21.191	4.603	1.8	3.5	12.	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	15	75.	270.133	2400.	4.	361910.124	601.59	7.	20.	240.	1218.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	15	1.875	1.862	3.38	0.602	0.54	0.735	0.813	1.301	2.38	2.932
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			72.842								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	15	23.	93.1	930.	1.5	54891.364	234.289	3.	9.	43.	462.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	15	1.362	1.403	2.968	0.176	0.434	0.658	0.432	0.954	1.633	2.493
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			25.266								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	17	1426.	5456.176	11548.	1123.	26197137.529	5118.314	1188.6	1275.	11381.	11547.2

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Annual Analysis for 1985 - Station GATE0220

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	11	18.	19.273	32.	7.	58.418	7.643	7.8	12.	26.	30.8
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	11	3.	4.909	15.	2.	17.491	4.182	2.	2.	8.	13.8
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	11	23.	134.545	930.	4.	73958.473	271.953	5.	9.	93.	790.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	11	1.362	1.591	2.968	0.602	0.472	0.687	0.672	0.954	1.968	2.847
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			38.956								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	11	9.	101.364	930.	4.	76192.655	276.03	4.	4.	23.	762.6
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	11	0.954	1.198	2.968	0.602	0.515	0.718	0.602	0.602	1.362	2.768
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			15.764								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	11	11116.	6762.636	11438.	1108.	27534500.055	5247.333	1127.4	1220.	11428.	11437.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GATE0220

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	13	19.	16.	29.	5.	74.167	8.612	5.4	6.5	22.5	28.2
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	13	4.	5.538	14.	1.	17.603	4.196	1.	2.5	9.	13.2
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	13	43.	157.923	930.	4.	68533.244	261.789	4.	9.	190.	730.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	13	1.633	1.664	2.968	0.602	0.59	0.768	0.602	0.954	2.269	2.834
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			46.135								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	13	9.	106.077	930.	1.5	65297.535	255.534	1.5	4.	68.	650.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	13	0.954	1.209	2.968	0.176	0.725	0.852	0.176	0.602	1.801	2.726
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			16.172								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	13	11156.	8211.923	11542.	1157.	23270635.41	4823.965	1195.4	1320.5	11367.	11535.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GATE0220

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	8	13.	13.	22.	7.	24.571	4.957	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	12	5.	6.667	15.	1.	27.697	5.263	1.	1.25	11.5	14.7
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	10	9.	53.5	430.	3.	17635.167	132.797	3.1	4.	22.	391.3
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	10	0.954	1.094	2.633	0.477	0.401	0.633	0.49	0.602	1.29	2.533
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			12.42								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	10	5.5	6.2	14.	1.5	16.567	4.07	1.5	2.625	9.	13.5
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	10	0.724	0.689	1.146	0.176	0.115	0.338	0.176	0.402	0.954	1.127
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.884								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GATE0220

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	12	6315.	6344.333	11554.	1139.	26813795.515	5178.204	1220.9	1415.5	11301.	11493.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GATE0220

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	10	14.5	15.	26.	6.	42.	6.481	6.3	9.75	19.	25.9
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	10	6.	5.7	10.	0.	7.789	2.791	0.3	4.5	8.	9.8
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	3	9.	8.333	9.	7.	1.333	1.155	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	3	0.954	0.918	0.954	0.845	0.004	0.063	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			8.277								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	3	4.	4.833	9.	1.5	14.583	3.819	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	3	0.602	0.577	0.954	0.176	0.152	0.39	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.78								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	10	11176.5	7289.4	11637.	1211.	27111918.933	5206.911	1211.1	1219.5	11337.5	11608.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0220

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	7	21.	19.571	28.	5.	74.619	8.638	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	7	5.	6.286	15.	1.	25.905	5.09	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	5	43.	72.	230.	21.	7912.	88.949	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	5	1.633	1.663	2.362	1.322	0.174	0.417	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			45.975								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	5	15.	55.2	230.	4.	9612.7	98.044	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	5	1.176	1.221	2.362	0.602	0.522	0.723	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			16.624								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	7	11201.	8410.	11414.	1236.	23461266.333	4843.683	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0220

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	9	19.	16.556	25.	5.	53.778	7.333	5.	8.5	22.5	25.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	9	10.	9.778	15.	4.	17.194	4.147	4.	6.	14.5	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	2	16.	16.	23.	9.	98.	9.899	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	2	1.158	1.158	1.362	0.954	0.083	0.288	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			14.387								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	2	9.	9.	9.	9.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	2	0.954	0.954	0.954	0.954	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	9	1503.	4704.333	11328.	1246.	24376093.25	4937.215	1246.	1384.	11265.5	11328.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0220

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	7	24.	20.286	30.	6.	88.905	9.429	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	7	8.	7.857	14.	1.	17.143	4.14	**	**	**	**
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	7	1509.	5643.	11542.	1310.	27847058.667	5277.031	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0220

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	14	9.5	12.571	29.	3.	65.187	8.074	4.	6.	19.25	26.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	14	7.5	7.214	15.	1.	21.72	4.66	1.	2.	10.5	14.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	8	19.	21.25	43.	7.	221.071	14.868	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	8	1.269	1.226	1.633	0.845	0.105	0.324	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			16.841								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	8	5.5	10.063	43.	1.5	184.746	13.592	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	8	0.724	0.781	1.633	0.176	0.188	0.433	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.033								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	14	11119.	8414.714	11712.	1108.	22035270.989	4694.174	1179.5	1385.5	11290.75	11667.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station GATE0220

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	10	13.5	15.2	32.	5.	63.511	7.969	5.4	9.	20.25	31.2
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	10	5.5	6.2	14.	1.	16.622	4.077	1.2	3.	8.25	13.8
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	10	16.	23.9	93.	3.	732.544	27.066	3.1	7.75	28.	88.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	10	1.182	1.168	1.968	0.477	0.207	0.455	0.49	0.866	1.43	1.935
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			14.712								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	10	6.5	10.8	43.	1.5	167.456	12.94	1.5	3.375	12.5	41.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	10	0.778	0.802	1.633	0.176	0.22	0.469	0.176	0.496	1.056	1.606
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.333								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	10	11114.	7179.8	11217.	1044.	26277836.178	5126.191	1060.7	1292.75	11146.	11215.9

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station GATE0220

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	15	15.	14.533	27.	0.	61.981	7.873	3.	7.	20.	27.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	15	10.	7.6	14.	1.	29.971	5.475	1.	1.	14.	14.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	15	93.	247.667	2400.	9.	368317.238	606.891	9.	23.	93.	1236.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	15	1.968	1.81	3.38	0.954	0.434	0.659	0.954	1.362	1.968	2.95
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			64.608								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	15	9.	175.867	2400.	4.	379056.267	615.675	4.	9.	23.	1015.8
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	15	0.954	1.213	3.38	0.602	0.471	0.687	0.602	0.954	1.362	2.533
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			16.341								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	15	1357.	4649.133	11616.	1104.	24045168.41	4903.587	1134.	1256.	11240.	11452.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station GATE0220

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	9	13.	12.	24.	1.	70.25	8.382	1.	2.5	19.	24.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	9	10.	10.667	14.	2.	14.	3.742	2.	10.	14.	14.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	8	4.	15.	93.	1.5	998.786	31.604	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	8	0.602	0.695	1.968	0.176	0.329	0.573	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			4.952								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	8 ##	2.75	14.5	93.	1.5	1012.714	31.823	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	8 ##	0.389	0.604	1.968	0.176	0.388	0.623	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.017								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	9	11052.	6880.111	11545.	1208.	27492932.861	5243.37	1208.	1350.	11379.	11545.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0220

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	52	20.	20.135	32.	11.	29.021	5.387	12.	16.	24.	27.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	55	6.	6.727	15.	0.	21.387	4.625	1.	3.	10.	14.4
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	45	15.	97.256	2400.	1.5	129517.098	359.885	3.6	4.	43.	164.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	45	1.176	1.277	3.38	0.176	0.446	0.668	0.552	0.602	1.633	2.192
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			18.935								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	45	9.	69.378	2400.	1.5	127454.343	357.007	1.5	4.	15.	43.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	45	0.954	0.951	3.38	0.176	0.357	0.597	0.176	0.602	1.176	1.633
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.926								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	10	9.1	10.6	23.	3.6	47.518	6.893	3.6	6.375	12.575	23.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/88-08/08/95	10	0.959	0.949	1.362	0.556	0.073	0.27	0.556	0.787	1.06	1.362
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			8.901								
70211p	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	55	1449.	6016.745	11616.	1044.	25416125.304	5041.441	1137.8	1300.	11231.	11432.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0220

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	60	7.	7.883	19.	0.	16.851	4.105	3.	5.	10.	13.9
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	69	8.	8.232	20.	0.	24.21	4.92	1.	4.	13.	15.
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	57	43.	193.412	2400.	1.5	145259.135	381.129	6.4	22.	230.	460.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	57	1.633	1.749	3.38	0.176	0.523	0.723	0.796	1.342	2.362	2.663
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			56.11								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	57	23.	68.053	930.	1.5	29931.408	173.007	1.5	8.	43.	93.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	57	1.362	1.264	2.968	0.176	0.473	0.688	0.176	0.9	1.633	1.968
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			18.363								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	11	9.1	15.355	43.	1.5	163.751	12.797	1.5	3.6	23.	39.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/88-08/08/95	11	0.959	0.988	1.633	0.176	0.248	0.498	0.176	0.556	1.362	1.579
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			9.723								
70211p	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	71	11107.	6794.789	11712.	1000.	25160006.483	5015.975	1167.2	1330.	11330.	11443.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

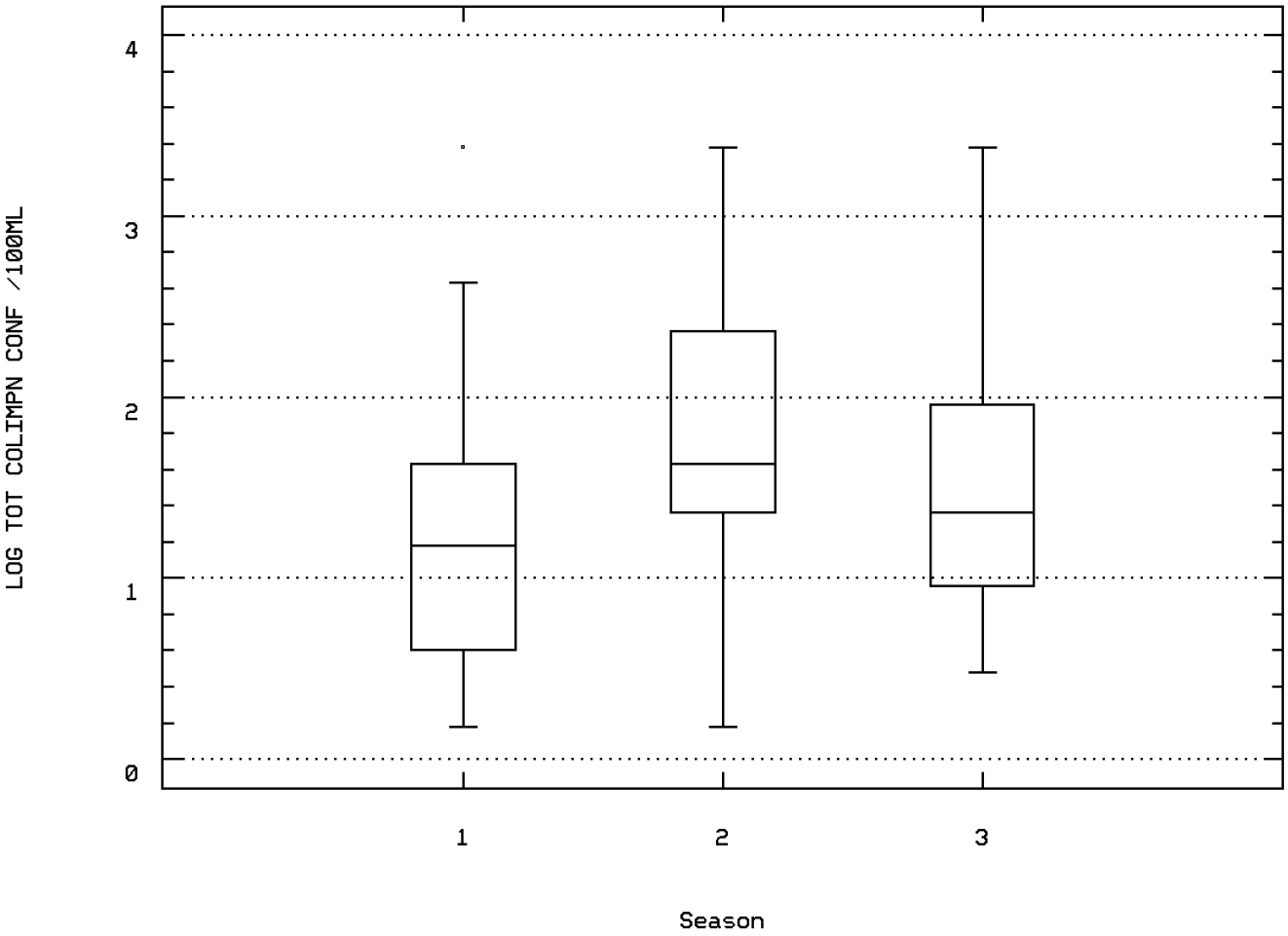
Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0220

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	80	20.5	20.321	32.	8.	36.365	6.03	12.	15.	26.	28.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	86	6.	7.035	20.	0.	20.952	4.577	1.7	3.	10.	14.
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	75	23.	105.933	2400.	3.	95002.901	308.225	5.8	9.	91.	234.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	75	1.362	1.468	3.38	0.477	0.388	0.623	0.748	0.954	1.959	2.369
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			29.373								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	75	9.	41.14	930.	1.5	15137.801	123.036	2.4	4.	23.	82.2
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	75	0.954	1.048	2.968	0.176	0.36	0.6	0.357	0.602	1.362	1.912
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.156								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	8	3.3	17.025	93.	1.5	995.816	31.557	**	**	**	**
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/88-08/08/95	8	0.517	0.731	1.968	0.176	0.429	0.655	**	**	**	**
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			5.387								
70211p	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	86	11130.	7210.744	11637.	1123.	24397826.804	4939.416	1203.5	1338.25	11254.	11434.9

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: GATE0220 Parameter Code: 31505

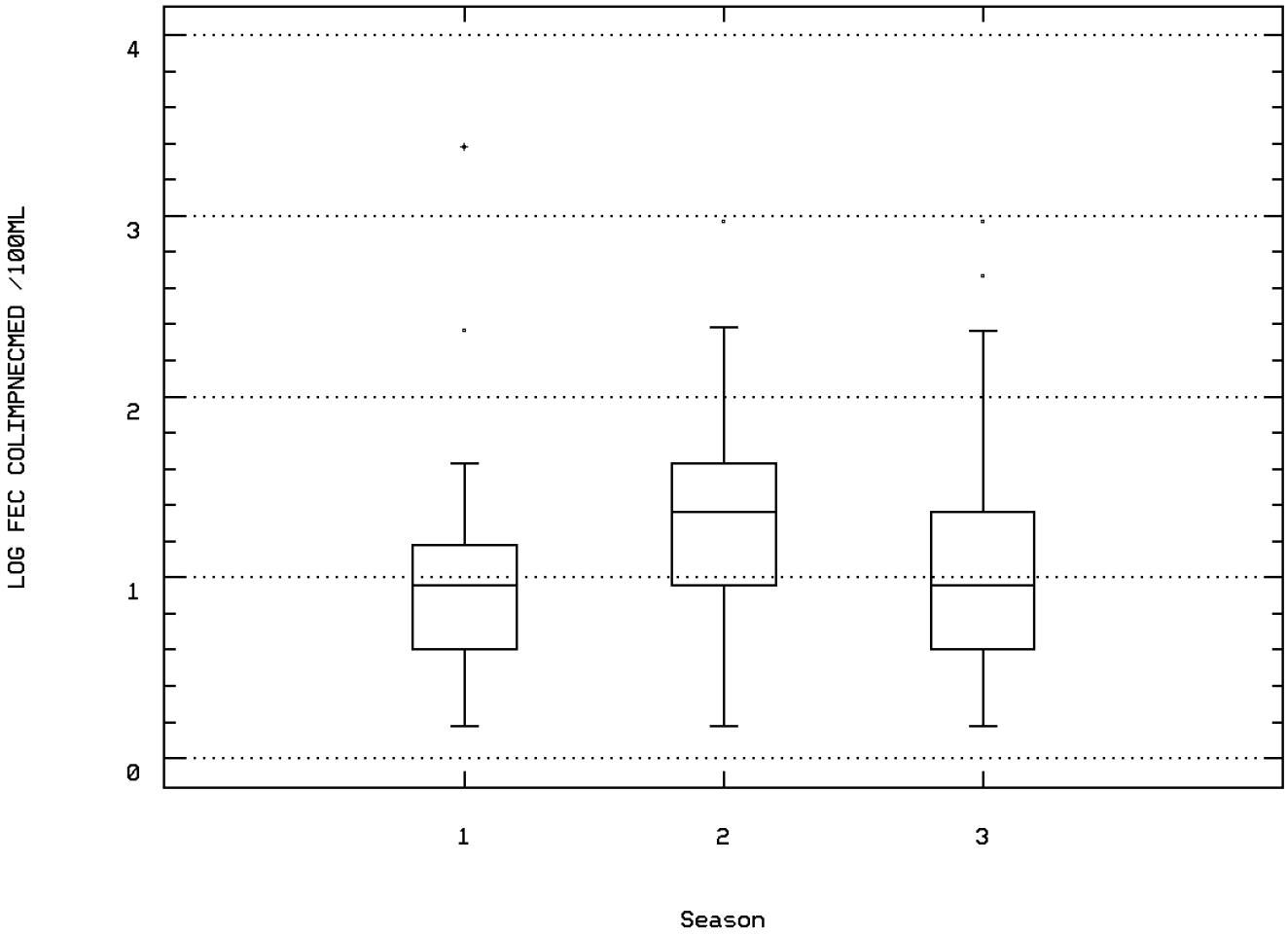
LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C



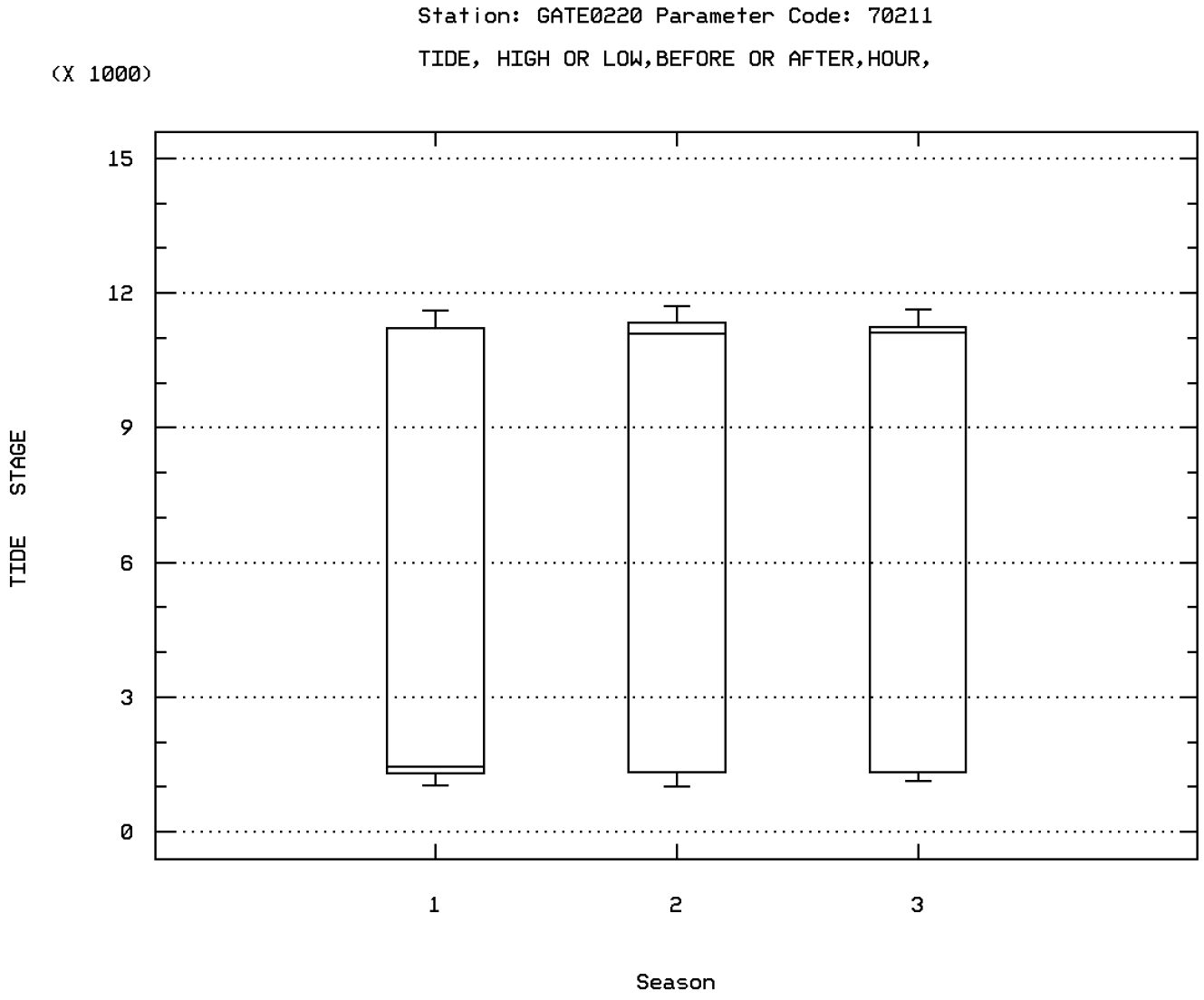
NAVESINK RIVER

Station: GATE0220 Parameter Code: 31615

LOG FECAL COLIFORM,MPN,EC MED,44.5C (TU



NAVESINK RIVER



NAVESINK RIVER

Station Inventory for Station: GATE0221

NPS Station ID: GATE0221 LAT/LON: 40.381948/ -73.988060 Agency: 21NJDEP1 Date Created: 08/08/81
Location: NAVESINK RIVER FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): 100080007A /1018A /SF03052
RMI-Indexes: 0133006 000020 Within Park Boundary: No
RMI-Miles: 0001.70 0000.70
HUC: 02030104 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST MAJOR BASIN Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA ECO Region:
RF1 Index: 02030104008 RF1 Mile Point: 0.490 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J. TIDE CORRECTION (H/L): (+1:09/+1:45)
ASSOCIATED NOAA WEATHER STATION: 4987

Parameter Inventory for Station: GATE0221

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-02/28/73	5	1.7	1.78	3.3	0.	2.297	1.516	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-02/28/73	5	4.	3.6	6.	0.	5.3	2.302	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-02/28/73	5	93.	169.	460.	9.	34243.5	185.05	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-02/28/73	5	1.968	1.92	2.663	0.954	0.445	0.667	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			83.144								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-02/28/73	5	43.	36.2	43.	9.	231.2	15.205	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-02/28/73	5	1.633	1.498	1.633	0.954	0.092	0.304	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			31.45								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-02/28/73	5	11100.	7235.	11400.	1000.	30234700.	5498.609	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0221

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	5	0	0.00				5	0	0.00						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	5	0	0.00				5	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0222

NPS Station ID: GATE0222 LAT/LON: 40.473337/ -73.988337 Agency: 21NJDEP1 Date Created: 06/13/81
Location: SANDY HOOK AREA FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/OCEAN STORET Station ID(s): L6988937190 /A2A /SF57014
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: Depth of Water: 7 Aquifer:
Major Basin: NORTHEAST MAJOR BASIN Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA ECO Region:
RF1 Index: RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J. TIDE CORRECTION (H/L): (-0:34/-0:45)
ASSOCIATED NOAA WEATHER STATION: 5796

Parameter Inventory for Station: GATE0222

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/30/78-08/10/79	15	12.2	13.253	22.9	6.	37.854	6.153	6.12	7.1	17.3	22.54
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/30/78-08/10/79	30	12.7	14.1	26.	0.7	71.486	8.455	4.	7.3	23.	25.
00035	WIND VELOCITY (MILES PER HOUR)	11/30/78-08/10/79	30	10.	10.733	15.	8.	6.271	2.504	8.	8.	12.	15.
00480	SALINITY - PARTS PER THOUSAND	11/30/78-08/10/79	15	28.9	27.62	30.8	18.4	11.395	3.376	21.04	26.4	29.8	30.62
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/30/78-08/10/79	30	23.	128.117	1100.	1.5	55290.201	235.139	1.5	1.5	240.	460.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	11/30/78-08/10/79	30	1.362	1.299	3.041	0.176	0.933	0.966	0.176	0.176	2.38	2.663
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			19.905								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/30/78-08/10/79	30 ##	2.75	27.25	460.	1.5	7236.961	85.07	1.5	1.5	10.5	88.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/30/78-08/10/79	30 ##	0.389	0.698	2.663	0.176	0.456	0.675	0.176	0.176	1.01	1.935
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.992								
31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	11/30/78-08/10/79	30	9.	12.733	23.	9.	39.651	6.297	9.	9.	23.	23.
31678	LOG FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATI	11/30/78-08/10/79	30	0.954	1.063	1.362	0.954	0.034	0.183	0.954	0.954	1.362	1.362
31678	GM FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATIO	GEOMETRIC MEAN =			11.559								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	11/30/78-08/10/79	31	11100.	7415.806	11500.	1030.	24067855.161	4905.9	1115.	1445.	11300.	11400.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0222

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	30	1	0.03	6	0	0.00	8	0	0.00	16	1	0.06			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	30	1	0.03	6	0	0.00	8	0	0.00	16	1	0.06			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0223

NPS Station ID: GATE0223
LAT/LON: 40.383892/ -73.988893
Agency: 21NJDEP1
Date Created: 08/08/81
Location: NAVESINK RIVER
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 1000800070 /1018 /SF03053
RMI-Indexes: 0133006 000020
Within Park Boundary: No
RMI-Miles: 0001.70 0000.70
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST MAJOR BASIN
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA
ECO Region:
RF1 Index: 02030104008
RF1 Mile Point: 0.490
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J.
TIDE CORRECTION (H/L): (+1:09/+1:45)
ASSOCIATED NOAA WEATHER STATION: 4987

Parameter Inventory for Station: GATE0223

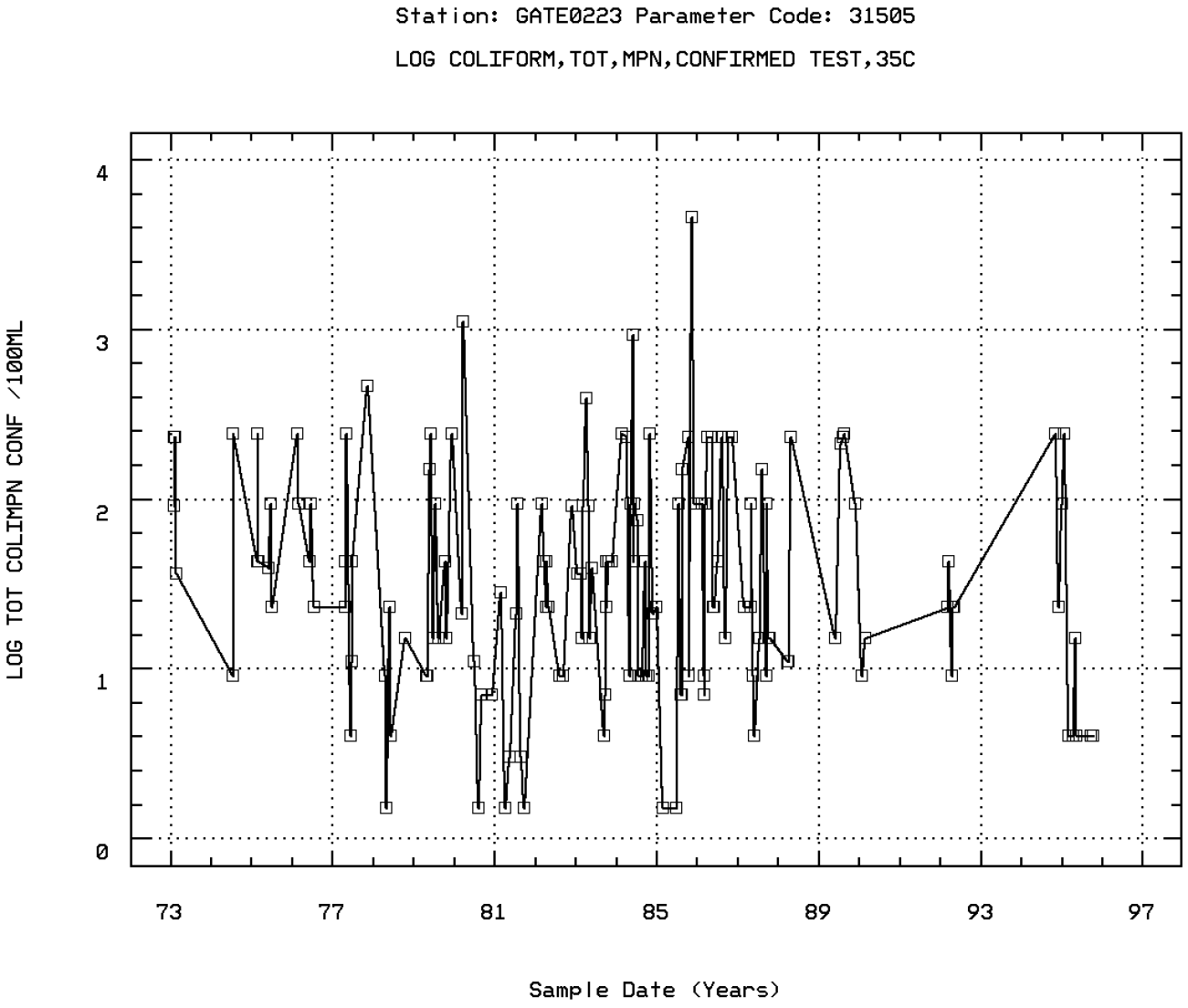
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-10/17/95	53	16.	14.106	28.	0.	66.121	8.131	2.4	5.2	21.1	23.18
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	167	17.	16.471	32.	0.	59.871	7.738	6.	10.	22.	27.04
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	185	7.	7.492	20.	0.	22.262	4.718	1.6	3.	10.	15.
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	152	25.5	114.349	4600.	1.5	153863.411	392.254	4.	9.	93.	240.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	152	1.404	1.518	3.663	0.176	0.439	0.663	0.602	0.954	1.968	2.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			32.984								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	147	9.	36.017	930.	1.5	8102.597	90.014	1.5	4.	43.	93.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	147	0.954	1.104	2.968	0.176	0.358	0.598	0.176	0.602	1.633	1.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.712								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	30	12.05	18.39	93.	1.5	424.09	20.593	1.71	3.6	23.	41.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/88-08/08/95	30	1.068	1.036	1.968	0.176	0.23	0.479	0.214	0.556	1.362	1.606
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			10.853								
31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	02/05/73-10/16/78	13	4.	5.231	11.	3.	11.026	3.32	3.	3.	7.5	11.
31678	LOG FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATI	02/05/73-10/16/78	13	0.602	0.655	1.041	0.477	0.052	0.227	0.477	0.477	0.822	1.041
31678	GM FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATIO	GEOMETRIC MEAN =			4.523								
70211p	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	187	11144.	6863.845	11651.	1000.	24842390.734	4984.214	1198.8	1330.	11315.	11445.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

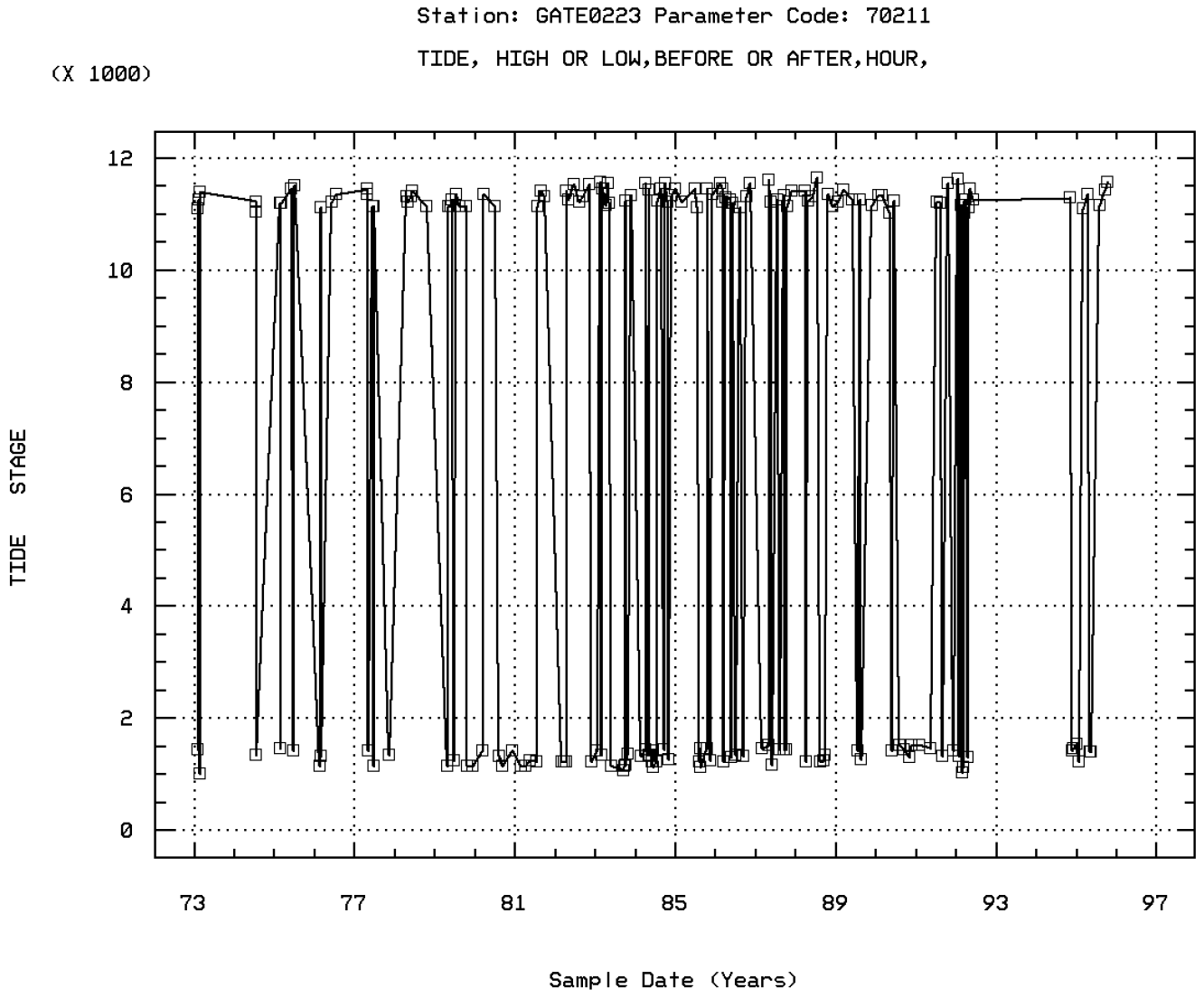
EPA Water Quality Criteria Analysis for Station: GATE0223

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	152	2	0.01	37	0	0.00	48	2	0.04	67	0	0.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	147	4	0.03	37	0	0.00	43	2	0.05	67	2	0.03			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



NAVESINK RIVER



NAVESINK RIVER

Annual Analysis for 1973 - Station GATE0223

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	5	4.	3.6	6.	0.	5.3	2.302	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	5	91.	124.6	230.	36.	9761.8	98.802	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	5	1.959	1.959	2.362	1.556	0.162	0.403	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			90.996								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	5	11100.	7235.	11400.	1000.	30234700.	5498.609	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station GATE0223

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	3	10.	8.333	10.	5.	8.333	2.887	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	3	240.	163.	240.	9.	17787.	133.368	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	3	2.38	1.905	2.38	0.954	0.678	0.823	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			80.332								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	3	15.	37.333	93.	4.	2354.333	48.521	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	3	1.176	1.249	1.968	0.602	0.471	0.686	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			17.737								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	3	11045.	7863.333	11215.	1330.	32020558.333	5658.671	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GATE0223

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	6	17.5	15.	20.	5.	40.	6.325	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	6	43.	80.167	240.	23.	6687.367	81.776	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	6	1.633	1.761	2.38	1.362	0.129	0.36	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			57.73								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	6	15.	14.5	23.	4.	65.5	8.093	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	6	1.138	1.086	1.362	0.602	0.091	0.302	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.193								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	6	11200.	8034.167	11500.	1415.	26184254.167	5117.055	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station GATE0223

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	3	27.2	26.9	28.	25.5	1.63	1.277	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	4	4.5	3.75	5.	1.	3.583	1.893	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	6	93.	97.5	240.	23.	5777.5	76.01	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	6	1.968	1.88	2.38	1.362	0.121	0.347	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			75.883								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	6	43.	69.167	240.	23.	7100.167	84.262	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	6	1.633	1.667	2.38	1.362	0.14	0.374	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			46.488								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	5	11115.	7227.	11345.	1145.	29980270.	5475.424	**	**	**	**

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Annual Analysis for 1977 - Station GATE0223

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	7	18.	19.	28.	10.	78.333	8.851	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	6	4.	4.333	10.	1.	10.267	3.204	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	7	43.	117.714	460.	4.	29427.905	171.546	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	7	1.633	1.616	2.663	0.602	0.517	0.719	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			41.347								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	7	9.	28.214	150.	1.5	2944.238	54.261	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	7	0.954	0.866	2.176	0.176	0.571	0.756	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.344								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	7	11145.	6997.857	11445.	1145.	28408557.143	5329.968	**	**	**	**

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Annual Analysis for 1978 - Station GATE0223

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	5	16.	17.8	24.	12.	25.2	5.02	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	5	5.	5.6	10.	0.	14.3	3.782	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	5	9.	10.5	23.	1.5	75.5	8.689	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	5	0.954	0.854	1.362	0.176	0.224	0.473	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			7.146								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	5	4.	4.	9.	1.5	9.375	3.062	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	5	0.602	0.502	0.954	0.176	0.109	0.331	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.178								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	5	11315.	11281.	11415.	11145.	10780.	103.827	**	**	**	**

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Annual Analysis for 1979 - Station GATE0223

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	10	21.	19.1	28.	4.	52.989	7.279	4.8	13.5	24.25	27.7
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	10	7.5	7.	12.	2.	17.111	4.137	2.1	3.	10.5	12.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	10	29.	82.9	240.	9.	8923.433	94.464	9.	13.5	172.5	240.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	10	1.405	1.598	2.38	0.954	0.34	0.583	0.954	1.121	2.227	2.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			39.584								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	10	9.	29.7	93.	4.	1245.789	35.296	4.3	7.	55.5	93.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	10	0.954	1.209	1.968	0.602	0.243	0.493	0.626	0.845	1.717	1.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			16.17								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	10	11145.	7185.	11345.	1145.	26804888.889	5177.344	1145.	1145.	11170.	11335.

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Annual Analysis for 1980 - Station GATE0223

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	6	14.	15.5	27.	6.	77.5	8.803	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	6	6.5	6.5	10.	4.	5.5	2.345	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	6	9.	191.25	1100.	1.5	198240.575	445.242	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	6	0.943	1.212	3.041	0.176	0.946	0.973	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			16.289								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	6	7.	19.75	93.	1.5	1293.375	35.964	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	6	0.845	0.859	1.968	0.176	0.369	0.607	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.236								

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Annual Analysis for 1980 - Station GATE0223

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	6	1415.	4630.	11345.	1145.	26268670.	5125.297	**	**	**	**

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Annual Analysis for 1981 - Station GATE0223

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	7	20.	21.	31.	10.	41.667	6.455	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	7	10.	9.714	15.	3.	20.571	4.536	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	7	3.	21.571	93.	1.5	1106.536	33.265	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	7	0.477	0.863	1.968	0.176	0.503	0.709	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			7.302								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	7	3.	4.214	9.	1.5	11.571	3.402	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	7	0.477	0.502	0.954	0.176	0.123	0.351	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.179								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	7	1245.	5517.857	11415.	1145.	29177257.143	5401.598	**	**	**	**

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Annual Analysis for 1982 - Station GATE0223

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	10	15.5	15.8	26.	4.	43.956	6.63	4.4	11.75	21.25	25.6
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	10	5.5	6.4	15.	1.	18.711	4.326	1.2	3.	10.	14.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	8	33.	41.75	93.	9.	1129.071	33.602	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	8	1.498	1.478	1.968	0.954	0.157	0.396	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			30.082								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	8	16.	33.875	93.	4.	1465.268	38.279	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	8	1.158	1.21	1.968	0.602	0.359	0.599	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			16.233								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	10	11236.	7311.	11529.	1212.	27514329.556	5245.41	1212.	1220.25	11437.25	11528.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station GATE0223

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	14	15.5	13.429	22.	0.	45.802	6.768	2.5	7.5	18.75	21.5
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	14	11.	9.786	15.	1.	27.874	5.28	1.	5.75	15.	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	14	37.5	62.571	390.	4.	9581.033	97.883	5.5	15.	55.	240.5
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	14	1.574	1.52	2.591	0.602	0.241	0.491	0.724	1.176	1.715	2.275
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			33.082								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	14	23.	30.786	91.	4.	780.181	27.932	5.5	13.5	37.75	91.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	14	1.362	1.334	1.959	0.602	0.151	0.389	0.724	1.121	1.576	1.959
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			21.588								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	14	6283.	6290.643	11558.	1058.	27619066.093	5255.384	1094.5	1155.25	11361.25	11554.

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Annual Analysis for 1984 - Station GATE0223

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	17	19.	18.235	31.	2.	66.566	8.159	6.8	12.	25.	29.4
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	17	9.	8.235	15.	1.	21.191	4.603	1.8	3.5	12.	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	15	43.	136.867	930.	9.	55677.124	235.96	9.	9.	230.	516.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	15	1.633	1.684	2.968	0.954	0.434	0.659	0.954	0.954	2.362	2.616
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			48.328								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	15	15.	89.933	930.	4.	55200.924	234.949	4.	4.	93.	427.8
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	15	1.176	1.286	2.968	0.602	0.495	0.703	0.602	0.602	1.968	2.368
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			19.308								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	17	1430.	5460.176	11552.	1127.	26197137.529	5118.314	1192.6	1279.	11385.	11551.2

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Annual Analysis for 1985 - Station GATE0223

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	11	18.	19.273	32.	7.	58.418	7.643	7.8	12.	26.	30.8
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	11	3.	4.909	15.	2.	17.491	4.182	2.	2.	8.	13.8
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	11	23.	474.091	4600.	1.5	1878102.641	1370.439	1.5	7.	150.	3726.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	11	1.362	1.5	3.663	0.176	1.1	1.049	0.176	0.845	2.176	3.403
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			31.596								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	11	7.	59.727	430.	1.5	15866.968	125.964	1.5	4.	43.	362.6
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	11	0.845	1.134	2.633	0.176	0.606	0.779	0.176	0.602	1.633	2.5
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			13.623								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	11	11120.	6770.273	11442.	1112.	27531262.418	5247.024	1131.4	1234.	11441.	11442.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GATE0223

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	13	19.	16.	29.	5.	74.167	8.612	5.4	6.5	22.5	28.2
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	13	4.	5.538	14.	1.	17.603	4.196	1.	2.5	9.	13.2
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	13	93.	112.	230.	7.	10165.667	100.825	7.8	19.	230.	230.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	13	1.968	1.775	2.362	0.845	0.338	0.581	0.889	1.269	2.362	2.362
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			59.597								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	13	23.	46.346	230.	1.5	4049.641	63.637	2.5	5.5	68.	175.2
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	13	1.362	1.284	2.362	0.176	0.42	0.648	0.346	0.724	1.801	2.204
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			19.24								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	13	11210.	8241.308	11556.	1211.	23237054.897	4820.483	1249.4	1334.5	11381.	11549.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GATE0223

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	8	13.	13.	22.	7.	24.571	4.957	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	12	5.	6.667	15.	1.	27.697	5.263	1.	1.25	11.5	14.7
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	11	15.	40.818	150.	4.	2338.164	48.355	5.	9.	93.	138.6
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	11	1.176	1.352	2.176	0.602	0.241	0.491	0.672	0.954	1.968	2.135
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			22.506								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	11	9.	18.636	75.	1.5	489.605	22.127	1.5	4.	23.	68.6
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	11	0.954	1.004	1.875	0.176	0.288	0.537	0.176	0.602	1.362	1.827
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.083								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GATE0223

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	12	6329.	6365.	11608.	1153.	26888338.545	5185.397	1234.9	1429.5	11315.	11547.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GATE0223

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	10	14.5	15.	26.	6.	42.	6.481	6.3	9.75	19.	25.9
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	10	6.	5.7	10.	0.	7.789	2.791	0.3	4.5	8.	9.8
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	3	11.	84.	230.	11.	15987.	126.44	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	3	1.041	1.482	2.362	1.041	0.581	0.762	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			30.304								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	3	4.	17.	43.	4.	507.	22.517	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	3	0.602	0.946	1.633	0.602	0.355	0.595	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.828								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	10	11190.5	7311.4	11651.	1225.	27183547.378	5213.784	1225.1	1233.5	11361.5	11626.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0223

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	7	21.	19.571	28.	5.	74.619	8.638	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	7	5.	6.286	15.	1.	25.905	5.09	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	5	210.	157.6	240.	15.	9821.3	99.102	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	5	2.322	2.042	2.38	1.176	0.263	0.512	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			110.09								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	5	23.	37.2	93.	4.	1163.2	34.106	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	5	1.362	1.385	1.968	0.602	0.254	0.504	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			24.294								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	7	11215.	8424.	11428.	1250.	23461266.333	4843.683	**	**	**	**

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Annual Analysis for 1990 - Station GATE0223

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	9	19.	16.556	25.	5.	53.778	7.333	5.	8.5	22.5	25.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	9	10.	9.778	15.	4.	17.194	4.147	4.	6.	14.5	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	2	12.	12.	15.	9.	18.	4.243	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	2	1.065	1.065	1.176	0.954	0.025	0.157	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			11.619								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	2	9.	9.	9.	9.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	2	0.954	0.954	0.954	0.954	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	9	1517.	5785.778	11342.	1300.	26661396.694	5163.468	1300.	1418.	11279.5	11342.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0223

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	7	24.	20.286	30.	6.	88.905	9.429	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	7	8.	7.857	14.	1.	17.143	4.14	**	**	**	**
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	7	1523.	5668.143	11556.	1324.	27990669.143	5290.621	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0223

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	11	8.	11.	23.	5.	35.	5.916	5.2	6.	17.	22.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	11	8.	7.455	15.	1.	20.473	4.525	1.2	2.	10.	14.4
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	5	23.	24.2	43.	9.	147.2	12.133	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	5	1.362	1.335	1.633	0.954	0.059	0.243	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			21.606								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	5	9.	7.1	9.	1.5	10.55	3.248	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	5	0.954	0.777	0.954	0.176	0.115	0.339	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.981								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	11	11120.	7603.727	11636.	1013.	25884188.418	5087.651	1034.8	1305.	11257.	11598.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station GATE0223

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	3	10.	10.	15.	5.	25.	5.	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	3	14.	12.667	14.	10.	5.333	2.309	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	2	131.5	131.5	240.	23.	23544.5	153.442	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	2	1.871	1.871	2.38	1.362	0.519	0.72	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			74.297								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	2	51.	51.	93.	9.	3528.	59.397	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	2	1.461	1.461	1.968	0.954	0.514	0.717	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			28.931								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	3	1446.	4719.333	11301.	1411.	32489058.333	5699.917	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station GATE0223

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	9	13.	12.	24.	1.	70.25	8.382	1.	2.5	19.	24.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	9	10.	10.667	14.	2.	14.	3.742	2.	10.	14.	14.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	8	4.	46.	240.	4.	7089.429	84.199	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	8	0.602	1.067	2.38	0.602	0.519	0.72	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			11.665								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	8	4.	13.75	43.	1.5	331.286	18.201	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	8	0.602	0.797	1.633	0.176	0.33	0.574	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.273								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	9	11106.	6907.444	11559.	1222.	27424449.528	5236.836	1222.	1404.	11393.	11559.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0223

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	44	20.5	20.523	32.	11.	30.348	5.509	12.	16.25	25.	27.5
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	47	6.	6.957	15.	0.	21.389	4.625	1.	3.	10.	15.
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	37	15.	59.108	240.	1.5	7257.752	85.192	3.8	7.	68.	230.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	37	1.176	1.302	2.38	0.176	0.436	0.66	0.577	0.845	1.801	2.362
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			20.047								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	37	7.	21.189	93.	1.5	742.477	27.248	3.8	4.	33.	78.6
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	37	0.845	1.025	1.968	0.176	0.258	0.508	0.577	0.602	1.498	1.894
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.6								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	10	12.05	20.59	75.	1.5	523.479	22.88	1.71	3.6	28.	71.8
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/88-08/08/95	10	1.068	1.061	1.875	0.176	0.278	0.527	0.214	0.556	1.43	1.851
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			11.521								
70211p	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	47	1517.	6194.468	11559.	1058.	25580444.515	5057.711	1146.6	1315.	11308.	11442.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0223

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	52	7.5	8.115	19.	0.	17.124	4.138	3.3	5.25	10.	14.7
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	61	8.	8.41	20.	0.	24.246	4.924	2.	4.5	14.	15.
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	48	43.	206.385	4600.	1.5	450094.428	670.891	8.8	23.	195.75	240.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	48	1.633	1.751	3.663	0.176	0.411	0.641	0.943	1.362	2.263	2.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			56.396								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	43	23.	48.43	430.	1.5	5778.828	76.019	3.4	9.	43.	93.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	43	1.362	1.322	2.633	0.176	0.353	0.594	0.527	0.954	1.633	1.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			21.005								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	12	9.1	16.892	93.	1.5	625.494	25.01	2.13	3.6	21.	72.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/88-08/08/95	12	0.959	0.962	1.968	0.176	0.226	0.476	0.29	0.556	1.315	1.786
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			9.171								
70211p	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	63	11100.	6550.413	11636.	1000.	25414308.343	5041.261	1171.4	1323.	11339.	11448.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

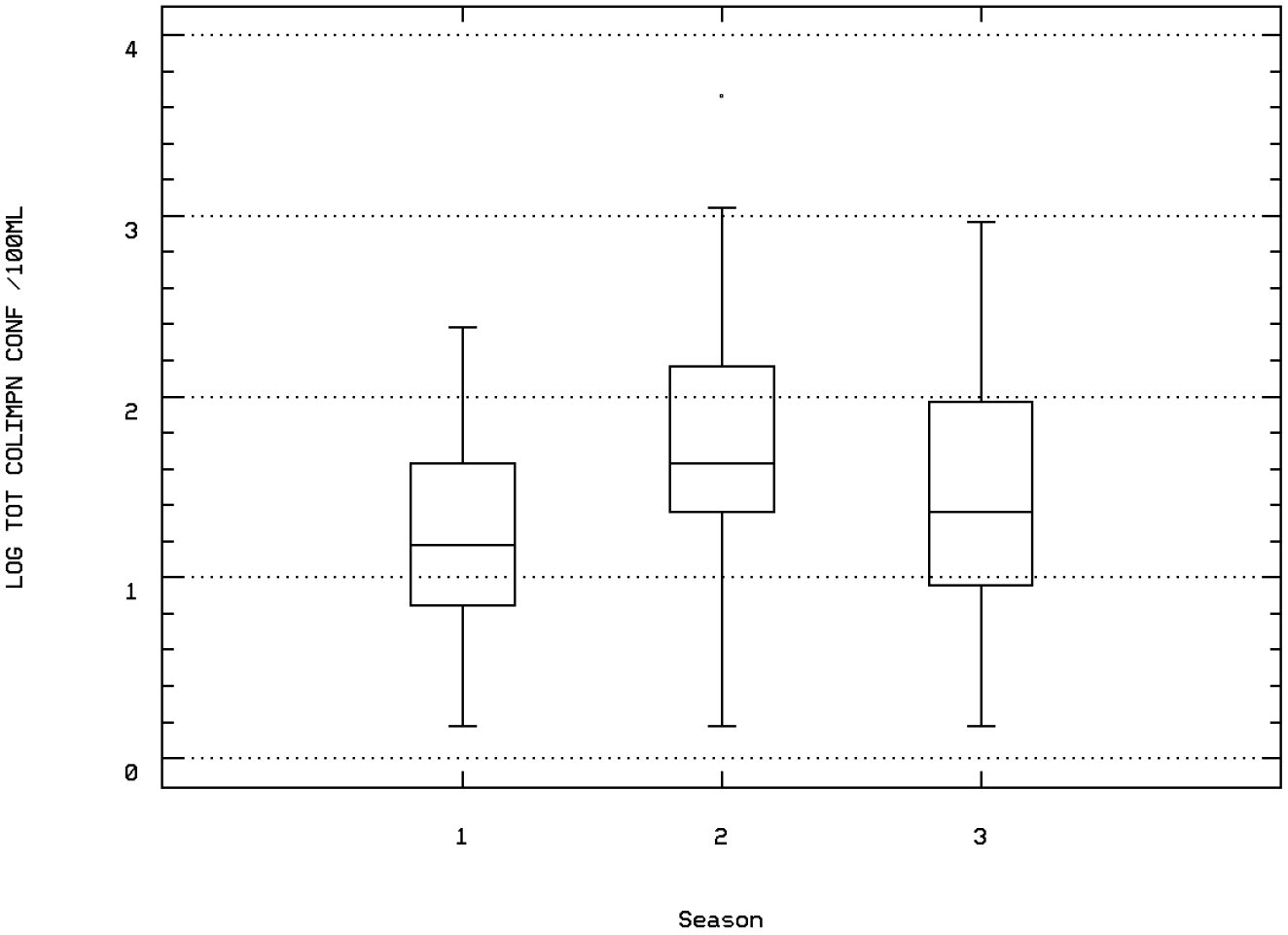
Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0223

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	71	20.	20.08	31.	8.	35.466	5.955	12.	15.	25.5	28.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	77	6.	7.091	20.	0.	20.794	4.56	2.	3.	10.	14.
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	67	23.	78.918	930.	1.5	18394.656	135.627	4.	9.	93.	232.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	67	1.362	1.471	2.968	0.176	0.407	0.638	0.602	0.954	1.968	2.365
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			29.569								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	67	9.	36.239	930.	1.5	13617.806	116.695	1.5	4.	23.	91.4
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	67	0.954	1.008	2.968	0.176	0.382	0.618	0.176	0.602	1.362	1.961
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.181								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	8	23.	17.888	23.	1.5	89.93	9.483	**	**	**	**
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/88-08/08/95	8	1.362	1.113	1.362	0.176	0.223	0.472	**	**	**	**
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			12.967								
70211p	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	77	11145.	7528.87	11651.	1127.	23776250.378	4876.09	1213.8	1374.5	11311.5	11445.6

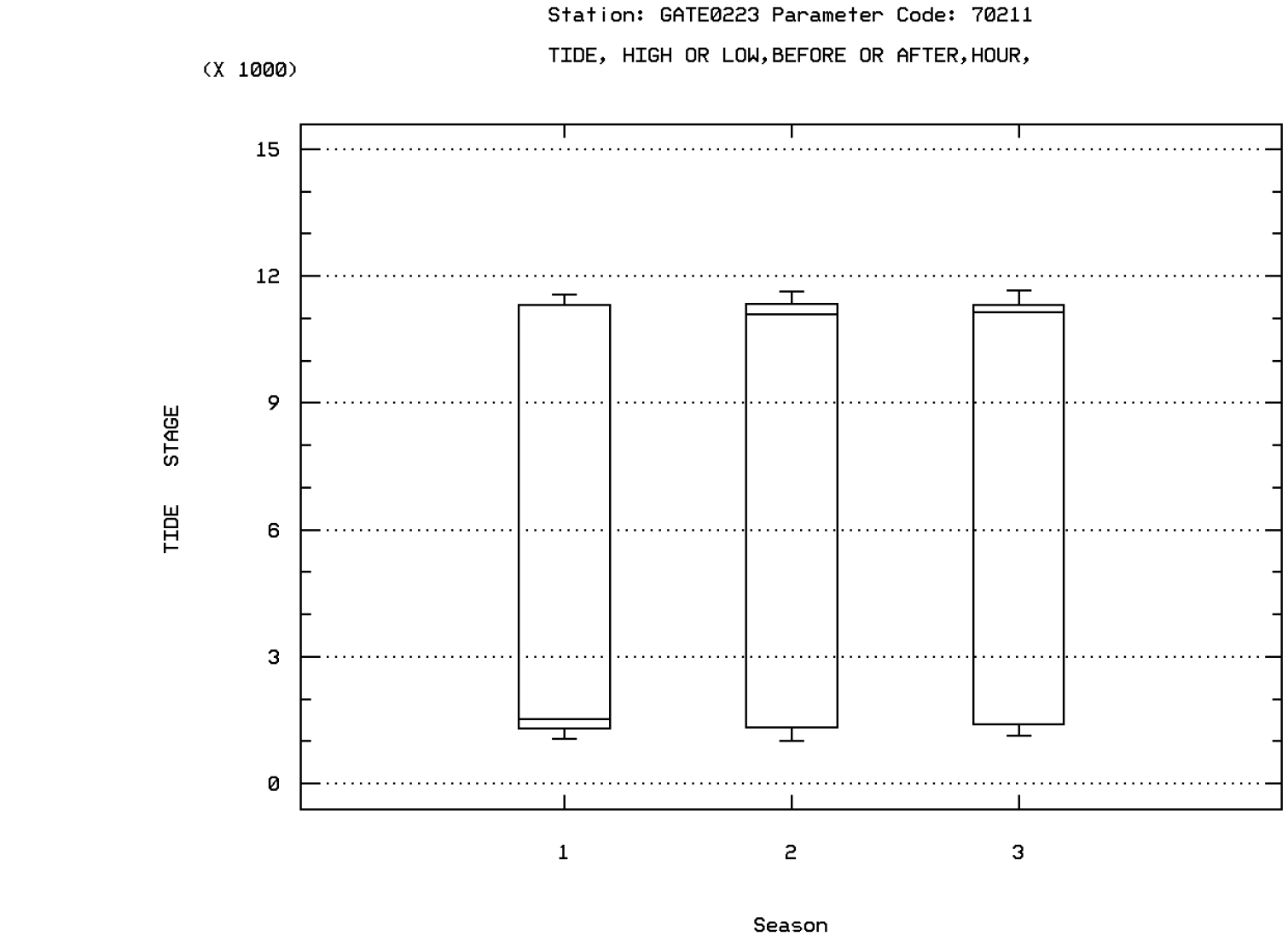
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: GATE0223 Parameter Code: 31505

LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C



NAVESINK RIVER



NAVESINK RIVER

Station Inventory for Station: GATE0224

NPS Station ID: GATE0224
LAT/LON: 40.425837/ -73.989448
Agency: 21NJDEP1
Date Created: 04/04/81
Location: SANDY HOOK BAY
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): L6981336904 /905B /SF02030 /C17
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST MAJOR BASIN
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA
ECO Region:
RF1 Index: 02030104006
RF1 Mile Point: 8.250
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J.
TIDE CORRECTION (H/L): (-0:01/ 0:00)
ASSOCIATED NOAA WEATHER STATION: 7865

Parameter Inventory for Station: GATE0224

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GATE0225

NPS Station ID: GATE0225
LAT/LON: 40.407781/ -73.990559
Agency: 21NJDEP1
Date Created: 04/04/81
Location: SANDY HOOK BAY
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): L6978736796 /904 /SF02035
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST MAJOR BASIN
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA
ECO Region:
RF1 Index: 02030104006
RF1 Mile Point: 8.250
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J.
TIDE CORRECTION (H/L): (-0:01/ 0:00)
ASSOCIATED NOAA WEATHER STATION: 7865

Parameter Inventory for Station: GATE0225

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-05/18/92	63	18.	14.735	25.	-0.6	66.47	8.153	1.9	8.	22.	23.3
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	141	18.	18.872	36.	0.	72.612	8.521	8.	12.	26.	30.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	167	4.	4.934	20.	0.	14.219	3.771	1.	2.	8.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	150	43.	261.59	11000.	1.5	1006359.118	1003.175	4.	9.	150.	416.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	150	1.633	1.601	4.041	0.176	0.62	0.788	0.602	0.954	2.176	2.616
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			39.905								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	141	9.	50.117	930.	1.5	15078.642	122.795	1.5	4.	43.	138.6
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	141	0.954	1.114	2.968	0.176	0.475	0.69	0.176	0.602	1.633	2.135
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			13.009								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/15/90-05/18/92	18	7.3	7.183	23.	1.5	42.339	6.507	1.5	1.5	9.1	23.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	05/15/90-05/18/92	18	0.863	0.694	1.362	0.176	0.16	0.4	0.176	0.176	0.959	1.362
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			4.937								
31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	01/23/74-12/01/78	8	4.	8.875	43.	4.	190.125	13.789	**	**	**	**
31678	LOG FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATI	01/23/74-12/01/78	8	0.602	0.731	1.633	0.602	0.133	0.365	**	**	**	**
31678	GM FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATIO	GEOMETRIC MEAN =			5.383								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	168	11119.	6819.131	11634.	1124.	24514751.013	4951.237	1312.9	1415.	11315.	11444.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0225

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	150	10	0.07	35	1	0.03	50	4	0.08	65	5	0.08			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	141	12	0.09	28	0	0.00	49	5	0.10	64	7	0.11			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1973 - Station GATE0225

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	7	5.	6.	12.	3.	8.	2.828	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	7	9.	64.857	240.	4.	8772.143	93.66	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	7	0.954	1.279	2.38	0.602	0.604	0.777	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			18.993								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	7	1430.	4101.429	11130.	1130.	22745789.286	4769.255	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station GATE0225

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	7	6.	6.714	15.	0.	34.238	5.851	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	7	150.	147.286	290.	15.	8728.571	93.427	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	7	2.176	2.044	2.462	1.176	0.181	0.426	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			110.657								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	7	43.	53.286	93.	4.	1633.571	40.417	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	7	1.633	1.482	1.968	0.602	0.384	0.62	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			30.364								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	7	1500.	4250.714	11345.	1230.	23497503.571	4847.422	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GATE0225

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	10	7.5	8.3	20.	0.	34.9	5.908	0.2	4.25	11.25	19.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	10	166.5	376.7	2400.	15.	526306.678	725.47	15.	19.5	295.	2206.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	10	2.174	2.046	3.38	1.176	0.523	0.723	1.176	1.286	2.451	3.308
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			111.172								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	9	43.	84.056	240.	1.5	9792.903	98.959	1.5	12.	195.	240.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	9	1.633	1.521	2.38	0.176	0.537	0.733	0.176	1.065	2.278	2.38
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			33.164								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	10	1450.	5321.	11515.	1145.	26323126.667	5130.607	1160.5	1333.75	11195.	11498.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GATE0225

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	10	26.	24.9	30.	10.	32.1	5.666	11.4	24.	28.25	29.9
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	9	3.	4.111	15.	1.	21.361	4.622	1.	1.	5.5	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	10	23.	285.4	2400.	9.	557124.044	746.407	9.	10.5	129.75	2184.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	10	1.362	1.613	3.38	0.954	0.587	0.766	0.954	1.02	2.071	3.28
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			40.98								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	10	9.	41.55	240.	1.5	5648.025	75.153	1.75	4.	52.5	225.3
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	10	0.954	1.103	2.38	0.176	0.457	0.676	0.219	0.602	1.685	2.339
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.67								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	10	11315.	9368.5	11615.	1315.	17961355.833	4238.084	1318.	8770.	11433.75	11598.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GATE0225

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	7	16.	19.	32.	6.	95.667	9.781	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	7	5.	4.143	10.	0.	10.81	3.288	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	7	43.	210.143	1100.	9.	160487.476	400.609	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	7	1.633	1.734	3.041	0.954	0.539	0.734	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			54.255								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	7	15.	27.714	93.	4.	1003.571	31.679	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	7	1.176	1.22	1.968	0.602	0.224	0.474	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			16.602								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	7	11245.	7080.714	11415.	1330.	27765003.571	5269.251	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station GATE0225

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	9	26.	26.556	36.	15.	45.778	6.766	15.	22.	32.	36.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	9	5.	4.889	10.	2.	6.611	2.571	2.	2.5	6.5	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	9	43.	101.889	460.	7.	19968.361	141.309	7.	23.	121.5	460.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	9	1.633	1.724	2.663	0.845	0.277	0.527	0.845	1.362	2.072	2.663
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			52.992								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	9	23.	41.722	240.	1.5	5693.694	75.457	1.5	6.5	33.	240.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	9	1.362	1.198	2.38	0.176	0.398	0.631	0.176	0.778	1.498	2.38
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			15.79								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	9	11245.	6964.444	11600.	1330.	27904752.778	5282.495	1330.	1372.5	11457.5	11600.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GATE0225

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	6	18.5	17.167	28.	0.	108.967	10.439	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	6	1.5	3.	10.	0.	16.	4.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	6	33.	275.833	1100.	6.	193607.767	440.009	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	6	1.498	1.807	3.041	0.778	0.748	0.865	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			64.053								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	6	26.	65.417	240.	1.5	8508.242	92.24	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	6	1.294	1.315	2.38	0.176	0.676	0.822	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			20.659								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	6	11345.	8099.167	11545.	1330.	26761084.167	5173.112	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station GATE0225

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	11	15.	16.364	30.	6.	70.255	8.382	6.2	9.	23.	29.8
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	11	3.	3.636	10.	0.	10.055	3.171	0.	1.	7.	9.4
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	11	11.	38.727	240.	1.5	5218.918	72.242	1.5	1.5	43.	210.6
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	11	1.041	0.96	2.38	0.176	0.628	0.792	0.176	0.176	1.633	2.298
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			9.115								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	11	4.	28.727	240.	1.5	5055.118	71.099	1.5	1.5	9.	200.6
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	11	0.602	0.745	2.38	0.176	0.492	0.702	0.176	0.176	0.954	2.231
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.563								

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Annual Analysis for 1981 - Station GATE0225

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	11	1508.	4105.727	11315.	1240.	21311307.818	4616.417	1241.	1345.	11245.	11315.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station GATE0225

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	10	17.	17.7	35.	9.	59.344	7.704	9.2	11.75	20.5	34.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	10	5.	4.9	8.	1.	4.989	2.234	1.2	3.	6.5	8.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	10	91.	111.5	240.	15.	8183.833	90.465	17.1	36.	232.5	240.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	10	1.959	1.893	2.38	1.176	0.169	0.411	1.214	1.556	2.366	2.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			78.179								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	9	36.	57.278	230.	1.5	5407.694	73.537	1.5	7.	91.	230.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	9	1.556	1.366	2.362	0.176	0.491	0.701	0.176	0.845	1.959	2.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			23.204								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	10	6427.5	6399.5	11516.	1330.	27459937.611	5240.223	1332.5	1399.25	11345.25	11499.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station GATE0225

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	11	16.	17.727	29.	7.	47.018	6.857	7.8	12.	23.	28.4
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	11	5.	5.273	10.	1.	11.018	3.319	1.2	2.	8.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	11	15.	66.591	430.	1.5	15365.141	123.956	2.	9.	73.	362.2
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	11	1.176	1.355	2.633	0.176	0.459	0.677	0.261	0.954	1.863	2.499
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			22.652								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	11	15.	27.182	150.	1.5	1837.514	42.866	1.5	4.	36.	128.6
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	11	1.176	1.069	2.176	0.176	0.366	0.605	0.176	0.602	1.556	2.068
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.717								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	11	1606.	5936.636	11603.	1253.	27348163.655	5229.547	1265.	1313.	11430.	11582.6

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Annual Analysis for 1984 - Station GATE0225

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	15	17.	16.933	30.	4.	69.924	8.362	5.2	8.	23.	29.4
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	15	5.	5.867	12.	1.	13.695	3.701	1.6	3.	10.	11.4
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	15	43.	220.233	2400.	1.5	369703.102	608.032	4.8	9.	150.	1098.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	15	1.633	1.574	3.38	0.176	0.626	0.791	0.577	0.954	2.176	2.769
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			37.478								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	15	9.	75.533	930.	1.5	56094.802	236.843	1.5	4.	39.	397.8
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	15	0.954	1.061	2.968	0.176	0.501	0.708	0.176	0.602	1.591	2.167
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.517								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	15	11149.	9242.2	11422.	1329.	16356747.171	4044.348	1378.2	11015.	11258.	11381.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GATE0225

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	10	18.5	19.6	31.	9.	59.378	7.706	9.1	13.	26.5	30.7
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	10	4.5	4.6	9.	1.	8.489	2.914	1.1	2.	8.	8.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	10	59.	732.7	2400.	4.	1180484.011	1086.501	4.5	19.5	2175.	2400.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	10	1.754	2.05	3.38	0.602	1.045	1.022	0.637	1.26	3.337	3.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			112.316								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	10	23.	139.5	930.	1.5	81440.	285.377	1.5	7.125	122.25	858.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	10	1.362	1.43	2.968	0.176	0.808	0.899	0.176	0.76	2.057	2.904
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			26.909								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	10	11208.	7314.7	11355.	1213.	26157037.344	5114.395	1225.2	1404.	11323.	11353.3

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Annual Analysis for 1986 - Station GATE0225

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	10	13.5	17.3	32.	4.	121.122	11.006	4.2	7.5	29.	31.7
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	10	3.	4.8	12.	1.	19.067	4.367	1.	1.75	10.25	11.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	10	64.5	1279.8	11000.	7.	11781696.178	3432.448	7.2	9.	597.5	10010.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	10	1.762	1.929	4.041	0.845	1.087	1.042	0.856	0.954	2.735	3.941
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			84.827								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	10	19.	39.8	240.	1.5	5197.456	72.093	1.5	3.375	43.	220.3
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	10	1.269	1.11	2.38	0.176	0.506	0.711	0.176	0.496	1.633	2.306
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.891								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	10	6265.5	6285.4	11634.	1201.	28321257.156	5321.772	1201.8	1218.75	11261.25	11604.3

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Annual Analysis for 1987 - Station GATE0225

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	7	15.	17.286	33.	9.	69.571	8.341	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	10	2.	3.6	9.	1.	10.933	3.307	1.	1.	8.	8.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	10	68.	81.1	230.	4.	7561.211	86.955	4.3	8.5	127.25	230.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	10	1.801	1.562	2.362	0.602	0.439	0.663	0.626	0.927	2.067	2.362
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			36.459								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	10	6.5	37.95	230.	1.5	5304.914	72.835	1.75	4.	34.5	216.3
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	10	0.778	1.022	2.362	0.176	0.463	0.68	0.219	0.602	1.374	2.322
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.522								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	10	11219.5	10234.3	11458.	1332.	9802625.789	3130.915	2300.9	11036.75	11289.75	11452.5

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Annual Analysis for 1988 - Station GATE0225

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	8	21.	19.	31.	2.	114.857	10.717	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	8	4.	4.75	12.	1.	11.357	3.37	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	8	4.	8.063	23.	1.5	54.46	7.38	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	8	0.602	0.76	1.362	0.176	0.145	0.381	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			5.748								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	8	## 2.75	4.	9.	1.5	10.714	3.273	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	8	## 0.389	0.477	0.954	0.176	0.121	0.348	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GATE0225

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	8	6318.5	6393.625	11516.	1400.	27737210.554	5266.613	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0225

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	7	18.	17.571	29.	1.	97.952	9.897	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	7	2.	3.143	8.	1.	7.143	2.673	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	7	15.	59.286	240.	4.	7322.905	85.574	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	7	1.176	1.394	2.38	0.602	0.392	0.626	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			24.758								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	7	7.	11.929	43.	1.5	207.036	14.389	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	7	0.845	0.856	1.633	0.176	0.218	0.467	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.171								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	7	1539.	5715.857	11440.	1406.	27927565.81	5284.654	**	**	**	**

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Annual Analysis for 1990 - Station GATE0225

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	8	19.5	20.5	31.	10.	70.857	8.418	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	8	3.5	3.625	8.	1.	5.696	2.387	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	2	48.5	48.5	93.	4.	3960.5	62.933	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	2	1.285	1.285	1.968	0.602	0.934	0.966	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			19.287								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	2	4.	4.	4.	4.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	2	0.602	0.602	0.602	0.602	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	8	6327.	6323.375	11426.	1317.	27959503.125	5287.675	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0225

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	8	17.5	18.625	30.	11.	50.268	7.09	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	8	6.5	6.125	12.	1.	17.839	4.224	**	**	**	**
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	8	11226.5	7650.75	11545.	1312.	26101019.357	5108.916	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0225

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	4	12.	13.25	22.	7.	50.25	7.089	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	4	4.	5.25	12.	1.	22.25	4.717	**	**	**	**
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	4	6332.5	6255.75	11234.	1124.	32342464.25	5687.044	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0225

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-05/18/92	13	23.3	22.585	25.	16.	5.721	2.392	17.6	21.85	23.95	25.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	31	23.	21.935	36.	7.	50.996	7.141	11.6	16.	27.	30.8
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	40	5.	5.1	12.	1.	9.682	3.112	2.	3.	6.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	35	15.	121.643	2400.	1.5	165343.935	406.625	4.	9.	91.	240.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	35	1.176	1.354	3.38	0.176	0.49	0.7	0.602	0.954	1.959	2.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			22.618								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	28	9.	21.875	150.	1.5	1230.215	35.074	1.5	4.	21.	91.2
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	28	0.954	0.942	2.176	0.176	0.336	0.58	0.176	0.602	1.315	1.96
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.755								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	40	11025.5	6568.175	11516.	1130.	24922793.943	4992.273	1313.	1416.	11238.	11430.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0225

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-05/18/92	20	5.	4.13	10.	-0.6	9.83	3.135	0.65	1.25	7.75	0.26
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	45	10.	9.911	17.	0.	17.401	4.171	4.	7.5	12.	16.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	57	4.	5.14	20.	0.	20.444	4.522	0.	1.	8.5	11.2
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	50	43.	218.59	2400.	1.5	228052.456	477.548	4.	15.	230.	460.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	50	1.633	1.696	3.38	0.176	0.635	0.797	0.602	1.176	2.362	2.663
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			49.617								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	49	15.	63.163	930.	1.5	20182.681	142.066	1.5	4.	67.	230.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	49	1.176	1.223	2.968	0.176	0.547	0.739	0.176	0.602	1.796	2.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			16.726								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	57	1606.	6278.018	11615.	1124.	25073592.66	5007.354	1310.2	1400.	11320.5	11503.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0225

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-05/18/92	30	20.	18.403	23.	10.	14.197	3.768	12.	16.	21.025	22.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	65	26.	23.615	35.	10.	39.115	6.254	14.6	18.5	28.5	30.4
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	70	3.5	4.671	15.	0.	12.021	3.467	1.	2.	7.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	65	43.	370.023	11000.	1.5	2056391.558	1434.012	4.	13.	190.	442.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	65	1.633	1.661	4.041	0.176	0.654	0.809	0.602	1.109	2.269	2.645
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			45.816								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	64	9.	52.484	930.	1.5	17111.008	130.809	1.5	4.	38.25	225.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	64	0.954	1.106	2.968	0.176	0.473	0.688	0.176	0.602	1.582	2.351
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.761								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	71	11217.	7394.93	11634.	1145.	23930066.724	4891.837	1267.	1415.	11338.	11442.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0226

NPS Station ID: GATE0226
LAT/LON: 40.405837/ -73.990837
Agency: 21NJDEP1
Date Created: 10/17/87
Location: CONNERS ST. BEACH HIGHLANDS
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): L6978536784 /CCMPMC0052
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST MAJOR BASIN
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA
ECO Region:
RF1 Index: 02030104
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0226

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/11/87-09/13/93	130	17.	42.208	1600.	1.	20977.36	144.836	4.	7.	30.	80.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	05/11/87-09/13/93	130	1.23	1.195	3.204	0.	0.296	0.544	0.602	0.845	1.477	1.903
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			15.676								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Annual Analysis for 1987 - Station GATE0226

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/11/87-09/13/93	16	23.	26.188	110.	2.	727.763	26.977	3.4	7.25	30.	68.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	05/11/87-09/13/93	16	1.362	1.209	2.041	0.301	0.223	0.472	0.512	0.86	1.477	1.802
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			16.178								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GATE0226

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/11/87-09/13/93	19	14.	42.368	300.	4.	4983.579	70.594	4.	4.	50.	130.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	05/11/87-09/13/93	19	1.146	1.259	2.477	0.602	0.309	0.556	0.602	0.602	1.699	2.114
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			18.157								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0226

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/11/87-09/13/93	20	11.	15.85	50.	2.	198.555	14.091	4.	5.	21.5	48.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	05/11/87-09/13/93	20	1.041	1.049	1.699	0.301	0.144	0.38	0.602	0.677	1.329	1.677
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			11.199								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0226

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/11/87-09/13/93	17	22.	37.412	130.	2.	1845.507	42.959	3.6	12.	42.	130.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	05/11/87-09/13/93	17	1.342	1.31	2.114	0.301	0.269	0.519	0.542	1.078	1.615	2.114
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			20.437								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0226

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/11/87-09/13/93	19	13.	19.684	110.	2.	633.895	25.177	2.	4.	23.	50.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	05/11/87-09/13/93	19	1.114	1.048	2.041	0.301	0.226	0.476	0.301	0.602	1.362	1.699
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			11.181								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0226

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/11/87-09/13/93	21	23.	118.857	1600.	2.	119311.129	345.414	2.4	9.5	75.	256.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	05/11/87-09/13/93	21	1.362	1.424	3.204	0.301	0.469	0.685	0.361	0.972	1.874	2.362
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			26.529								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station GATE0226

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/11/87-09/13/93	18	15.	24.444	130.	1.	1025.673	32.026	1.	4.	30.	76.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	05/11/87-09/13/93	18	1.172	1.057	2.114	0.	0.365	0.604	0.	0.602	1.477	1.872
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			11.415								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0226

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/11/87-09/13/93	43	13.	64.86	1600.	2.	58573.171	242.019	4.	7.	50.	110.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	05/11/87-09/13/93	43	1.114	1.228	3.204	0.301	0.336	0.579	0.602	0.845	1.699	2.041
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			16.906								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0226

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/11/87-09/13/93	87	17.	31.011	300.	1.	2477.151	49.771	3.6	7.	30.	72.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	05/11/87-09/13/93	87	1.23	1.179	2.477	0.	0.279	0.528	0.542	0.845	1.477	1.857
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			15.101								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0227

NPS Station ID: GATE0227 | LAT/LON: 40.458670/ -73.991420 | Agency: 11NPSWRD | Date Created: 12/28/96
Location: Gunnison Beach - Intertidal Trough | FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/OCEAN | STORET Station ID(s): GATE_SH-4A
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 02030104 | Depth of Water: 0 | Aquifer:
Major Basin: NORTHEAST | Elevation: 0 | Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METROPOLITAN AREA | ECO Region:
RF1 Index: 02030104 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 02030202104200.00 | RF3 Mile Point: 0.00 | Distance from RF3: 4.93 | On/Off RF3:
Description:
Station is located in an intertidal area near Gunnison Beach in the Sandy Hook Unit of Gateway National Recreation Area. The station can be found on the USGS 7.5' Sandy Hook N.Y.-N.J. quadrangle. Samples were collected hourly on 8/24/1993 from this site and also at Gunnison Beach proper as part of a special project. Gunnison Beach (GATE_SH-4) is the ongoing monitoring location. For additional information about the water quality data stored at this station; contact the Division of Natural Resources at Gateway National Recreation Area - Building 210; Fort Wadsworth; Staten Island N.Y. 10305 (tel. 718-448-5505; fax. 718-448-4015). The park produces an Annual Report summarizing each year's monitoring activities. Data processed and uploaded to STORET by Dean Tucker; NPS Water Resources Division; 1201 Oak Ridge Drive Ste. 250; Fort Collins CO 80525 (tel. 970-225-3516; fax. 970-225-9965).

Parameter Inventory for Station: GATE0227

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/93-08/24/93	10	25.65	25.39	27.6	21.8	4.441	2.107	21.85	23.65	27.275	27.59
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/24/93-08/24/93	10	37650.	36860.	41200.	29600.	19227111.111	4384.873	29760.	32625.	40950.	41190.
00406	PH, FIELD, STANDARD UNITS SU	08/24/93-08/24/93	10	8.275	8.274	8.59	7.92	0.031	0.175	7.94	8.225	8.348	8.574
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/24/93-08/24/93	10	8.275	8.241	8.59	7.92	0.032	0.179	7.94	8.225	8.347	8.574
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/24/93-08/24/93	10	0.005	0.006	0.012	0.003	0.	0.003	0.003	0.005	0.006	0.012
00480	SALINITY - PARTS PER THOUSAND	08/24/93-08/24/93	10	24.5	23.86	26.2	19.7	5.356	2.314	19.84	21.925	25.95	26.19
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/24/93-08/24/93	10	116.	272.2	1533.	0.	211594.622	459.994	2.9	29.	297.25	1420.3
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/24/93-08/24/93	10	2.064	1.927	3.186	0.	0.733	0.856	0.146	1.462	2.465	3.128
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			84.497								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/24/93-08/24/93	10	14.5	124.7	1044.	0.	105227.789	324.388	0.	0.	65.25	948.3
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/24/93-08/24/93	10	0.731	0.965	3.019	0.	1.217	1.103	0.	0.	1.807	2.911
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			9.218								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0227

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00406	PH, FIELD	Other-Hi Lim.	8.5	10	1	0.10	10	1	0.10									
		Other-Lo Lim.	6.5	10	0	0.00	10	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	10	1	0.10	10	1	0.10									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	10	1	0.10	10	1	0.10									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0228

NPS Station ID: GATE0228 LAT/LON: 40.382226/ -73.991392 Agency: 21NJDEP1 Date Created: 08/08/81
Location: NAVESINK RIVER FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): 1000800105 /1019B /SF03046
RMI-Indexes: 0133006 000020 Within Park Boundary: No
RMI-Miles: 0001.70 0001.05
HUC: 02030104 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST MAJOR BASIN Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA ECO Region:
RF1 Index: 02030104008 RF1 Mile Point: 0.590 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J. TIDE CORRECTION (H/L): (+1:09/+1:45)
ASSOCIATED NOAA WEATHER STATION: 4987

Parameter Inventory for Station: GATE0228

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-02/28/73	5	1.7	1.78	3.3	0.	2.297	1.516	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-02/28/73	5	4.	3.6	6.	0.	5.3	2.302	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-02/28/73	5	91.	144.4	430.	15.	28236.3	168.037	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-02/28/73	5	1.959	1.9	2.633	1.176	0.315	0.561	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			79.469								
31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	02/05/73-02/28/73	5	3.	3.	3.	3.	0.	0.	**	**	**	**
31678	LOG FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATI	02/05/73-02/28/73	5	0.477	0.477	0.477	0.477	0.	0.	**	**	**	**
31678	GM FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATIO	GEOMETRIC MEAN =			3.								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-02/28/73	5	11100.	7235.	11400.	1000.	30234700.	5498.609	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0228

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	5	0	0.00				5	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0229

NPS Station ID: GATE0229
LAT/LON: 40.419448/ -73.991670
Agency: 21NJDEP1
Date Created: 04/04/81
Location: SANDY HOOK BAY
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): L6981236867 /905A /SF02031 /C18
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST MAJOR BASIN
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA
ECO Region:
RF1 Index: 02030104006
RF1 Mile Point: 8.250
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J.
TIDE CORRECTION (H/L): (-0:01/ 0:00)
ASSOCIATED NOAA WEATHER STATION: 7865

Parameter Inventory for Station: GATE0229

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GATE0230

NPS Station ID: GATE0230 LAT/LON: 40.416670/ -73.992226 Agency: 21NJDEP1 Date Created: 04/04/81
Location: SANDY HOOK BAY FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): L6981036851 /905 /SF02032
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 02030104 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST MAJOR BASIN Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA ECO Region:
RF1 Index: 02030104006 RF1 Mile Point: 8.250 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J. TIDE CORRECTION (H/L): (-0:01/ 0:00)
ASSOCIATED NOAA WEATHER STATION: 7865

Parameter Inventory for Station: GATE0230

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	64	17.9	14.505	25.	-0.6	68.808	8.295	1.4	7.25	21.925	23.3
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	156	19.	19.253	36.	0.	69.163	8.316	8.	12.	26.	29.3
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	182	4.	4.758	20.	0.	13.775	3.712	1.	2.	7.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	163	15.	135.715	4600.	1.5	239586.571	489.476	1.5	4.	43.	240.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	163	1.176	1.258	3.663	0.176	0.667	0.817	0.176	0.602	1.633	2.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			18.121								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	163	9.	21.963	430.	1.5	2226.875	47.19	1.5	3.	23.	43.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	163	0.954	0.903	2.633	0.176	0.345	0.587	0.176	0.477	1.362	1.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.005								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/15/90-05/18/92	18	5.4	11.106	93.	1.5	449.543	21.202	1.5	1.5	9.1	30.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	05/15/90-05/18/92	18	0.707	0.705	1.968	0.176	0.251	0.501	0.176	0.176	0.959	1.422
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			5.072								
31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	08/10/73-12/01/78	9	4.	4.667	11.	3.	5.75	2.398	3.	4.	4.	11.
31678	LOG FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATI	08/10/73-12/01/78	9	0.602	0.637	1.041	0.477	0.025	0.157	0.477	0.602	0.602	1.041
31678	GM FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATIO	GEOMETRIC MEAN =			4.335								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	183	11100.	6667.585	11612.	0.	24703916.365	4970.303	1247.	1400.	11300.	11421.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0230

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	163	5	0.03	40	0	0.00	51	3	0.06	72	2	0.03			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	163	3	0.02	40	1	0.03	51	2	0.04	72	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1973 - Station GATE0230

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	7	5.	6.	12.	3.	8.	2.828	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	7	11.	75.5	240.	1.5	12674.583	112.581	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	7	1.041	1.271	2.38	0.176	0.711	0.843	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			18.657								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	7	4.	11.643	43.	1.5	250.143	15.816	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	7	0.602	0.71	1.633	0.176	0.36	0.6	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.13								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	7	1445.	5532.143	11130.	1130.	27106273.81	5206.369	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station GATE0230

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	7	6.	6.714	15.	0.	34.238	5.851	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	7	43.	90.714	240.	23.	10480.238	102.373	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	7	1.633	1.73	2.38	1.362	0.212	0.46	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			53.748								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	7	43.	66.643	240.	1.5	6653.06	81.566	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	7	1.633	1.502	2.38	0.176	0.47	0.686	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			31.781								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	7	1445.	4238.571	11345.	1230.	23576897.619	4855.605	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GATE0230

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	10	7.5	8.3	20.	0.	34.9	5.908	0.2	4.25	11.25	19.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	10	59.	117.3	460.	23.	19296.233	138.911	23.	23.	172.5	438.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	10	1.754	1.841	2.663	1.362	0.208	0.456	1.362	1.362	2.227	2.635
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			69.418								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	10	19.	37.	93.	9.	1236.444	35.163	9.	13.5	79.5	93.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	10	1.269	1.397	1.968	0.954	0.158	0.398	0.954	1.121	1.898	1.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			24.959								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	10	1450.	5301.	11500.	1130.	26368293.333	5135.007	1141.5	1308.75	11180.	11483.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GATE0230

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	10	26.	24.9	30.	10.	32.1	5.666	11.4	24.	28.25	29.9
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	9	3.	4.111	15.	1.	21.361	4.622	1.	1.	5.5	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	9	23.	283.722	2400.	1.5	630052.444	793.758	1.5	5.5	43.	2400.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	9	1.362	1.328	3.38	0.176	0.828	0.91	0.176	0.724	1.633	3.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			21.26								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	9	4.	12.278	43.	1.5	208.757	14.448	1.5	1.5	23.	43.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	9	0.602	0.783	1.633	0.176	0.324	0.569	0.176	0.176	1.362	1.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.062								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	10	11300.	9353.5	11600.	1300.	17961355.833	4238.084	1303.	8755.	11418.75	11583.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GATE0230

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	7	16.	19.	32.	6.	95.667	9.781	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	7	5.	4.143	10.	0.	10.81	3.288	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	7	15.	157.857	460.	4.	45273.143	212.775	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	7	1.176	1.583	2.663	0.602	0.792	0.89	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			38.259								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	7	7.	38.071	150.	1.5	3522.536	59.351	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	7	0.845	1.031	2.176	0.176	0.56	0.748	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.733								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	7	11230.	7060.	11400.	1315.	27839641.667	5276.328	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station GATE0230

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	9	26.	26.556	36.	15.	45.778	6.766	15.	22.	32.	36.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	9	5.	4.889	10.	2.	6.611	2.571	2.	2.5	6.5	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	9	23.	99.944	460.	1.5	23857.528	154.459	1.5	12.	166.5	460.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	9	1.362	1.499	2.663	0.176	0.58	0.762	0.176	1.065	2.174	2.663
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			31.535								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	9	9.	19.833	93.	1.5	809.625	28.454	1.5	5.5	23.	93.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	9	0.954	1.02	1.968	0.176	0.258	0.508	0.176	0.724	1.362	1.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.466								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	9	11230.	6932.222	11530.	1300.	27806419.444	5273.179	1300.	1350.	11415.	11530.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GATE0230

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	6	18.5	17.167	28.	0.	108.967	10.439	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	6	1.5	3.	10.	0.	16.	4.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	6	557.5	987.583	2400.	1.5	1375676.642	1172.892	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	6	2.109	2.018	3.38	0.176	1.998	1.414	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			104.241								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	6	25.5	31.667	93.	1.5	1266.167	35.583	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	6	1.289	1.089	1.968	0.176	0.608	0.78	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.263								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	6	11330.	8081.667	11530.	1300.	26801736.667	5177.039	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station GATE0230

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	11	15.	16.364	30.	6.	70.255	8.382	6.2	9.	23.	29.8
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	11	3.	3.636	10.	0.	10.055	3.171	0.	1.	7.	9.4
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	11	4.	33.	240.	1.5	5441.7	73.768	1.5	1.5	9.	210.6
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	11	0.602	0.754	2.38	0.176	0.564	0.751	0.176	0.176	0.954	2.298
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			5.671								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	11	3.	12.318	93.	1.5	733.814	27.089	1.5	1.5	9.	77.4
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	11	0.477	0.606	1.968	0.176	0.324	0.57	0.176	0.176	0.954	1.81
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.032								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station GATE0230

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	11	1446.	4083.818	11300.	1218.	21351531.364	4620.772	1220.4	1323.	11230.	11300.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station GATE0230

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	9	18.	17.889	35.	9.	66.361	8.146	9.	11.5	22.	35.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	9	5.	5.	8.	1.	5.5	2.345	1.	3.	7.	8.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	9	36.	72.556	240.	4.	9185.528	95.841	4.	12.	141.5	240.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	9	1.556	1.524	2.38	0.602	0.347	0.589	0.602	1.065	2.007	2.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			33.42								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	9	15.	16.167	43.	1.5	202.	14.213	1.5	5.5	25.5	43.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	9	1.176	1.033	1.633	0.176	0.207	0.455	0.176	0.724	1.366	1.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.785								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	9	1516.	5817.778	11454.	1308.	27565468.944	5250.283	1308.	1342.5	11325.5	11454.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station GATE0230

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	11	16.	17.727	29.	7.	47.018	6.857	7.8	12.	23.	28.4
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	11	5.	5.273	10.	1.	11.018	3.319	1.2	2.	8.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	11	15.	26.318	91.	1.5	734.114	27.095	2.	4.	43.	81.4
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	11	1.176	1.154	1.959	0.176	0.313	0.56	0.261	0.602	1.633	1.894
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			14.257								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	11	9.	10.818	36.	1.5	96.314	9.814	1.5	4.	15.	31.8
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	11	0.954	0.864	1.556	0.176	0.188	0.434	0.176	0.602	1.176	1.48
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.311								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	11	1544.	5901.455	11541.	1231.	27245481.273	5219.72	1235.	1251.	11408.	11520.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GATE0230

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	15	17.	16.933	30.	4.	69.924	8.362	5.2	8.	23.	29.4
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	15	5.	5.867	12.	1.	13.695	3.701	1.6	3.	10.	11.4
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	15	15.	48.333	230.	1.5	4447.06	66.686	1.5	4.	93.	182.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	15	1.176	1.243	2.362	0.176	0.488	0.699	0.176	0.602	1.968	2.25
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			17.479								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	15	9.	11.833	43.	1.5	136.238	11.672	1.5	4.	23.	31.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	15	0.954	0.862	1.633	0.176	0.22	0.469	0.176	0.602	1.362	1.47
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.286								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	15	11127.	7961.933	11400.	1307.	22601383.352	4754.091	1332.2	1554.	11236.	11359.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GATE0230

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	10	18.5	19.6	31.	9.	59.378	7.706	9.1	13.	26.5	30.7
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	10	4.5	4.6	9.	1.	8.489	2.914	1.1	2.	8.	8.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	10	11.	490.7	4600.	1.5	2089590.622	1445.542	1.5	3.375	74.75	4163.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	10	1.011	1.229	3.663	0.176	1.154	1.074	0.176	0.496	1.612	3.533
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			16.927								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	10	7.	51.95	430.	1.5	17798.636	133.412	1.5	1.5	22.	391.3
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	10	0.845	0.922	2.633	0.176	0.587	0.766	0.176	0.176	1.29	2.533
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.352								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	10	11147.	7272.9	11333.	1151.	26160168.1	5114.701	1167.2	1382.	11271.	11331.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GATE0230

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	10	13.5	17.3	32.	4.	121.122	11.006	4.2	7.5	29.	31.7
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	10	3.	4.8	12.	1.	19.067	4.367	1.	1.75	10.25	11.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	10	9.5	55.15	240.	1.5	9557.614	97.763	1.5	1.5	77.25	240.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	10	0.889	1.035	2.38	0.176	0.713	0.844	0.176	0.176	1.616	2.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			10.846								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	10	6.5	12.35	43.	1.5	182.058	13.493	1.5	1.5	21.5	41.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	10	0.778	0.818	1.633	0.176	0.299	0.547	0.176	0.176	1.332	1.606
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.577								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	10	6223.5	6257.6	11612.	1139.	28386293.822	5327.879	1145.1	1206.75	11239.25	11582.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GATE0230

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	7	15.	17.286	33.	9.	69.571	8.341	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	10	2.	3.6	9.	1.	10.933	3.307	1.	1.	8.	8.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	10	5.5	39.95	230.	1.5	5292.692	72.751	1.75	4.	55.5	216.3
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	10	0.724	1.035	2.362	0.176	0.502	0.709	0.219	0.602	1.717	2.322
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			10.833								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	10	4.	18.6	93.	1.5	856.656	29.269	1.5	2.625	28.	88.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	10	0.602	0.855	1.968	0.176	0.374	0.612	0.176	0.402	1.43	1.935
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.167								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	10	11177.5	9259.9	11436.	1310.	17034898.767	4127.336	1334.5	8653.75	11257.75	11426.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GATE0230

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	8	21.	19.	31.	2.	114.857	10.717	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	8	4.	4.75	12.	1.	11.357	3.37	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	8	4.	7.438	23.	1.5	61.603	7.849	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	8	0.602	0.653	1.362	0.176	0.222	0.471	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			4.498								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	8	4.	7.438	23.	1.5	61.603	7.849	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	8	0.602	0.653	1.362	0.176	0.222	0.471	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.498								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GATE0230

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	8	6276.5	6346.625	11454.	1338.	27684120.554	5261.57	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0230

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	7	18.	17.571	29.	1.	97.952	9.897	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	7	2.	3.143	8.	1.	7.143	2.673	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	7	11.	53.571	240.	3.	7768.619	88.14	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	7	1.041	1.229	2.38	0.477	0.491	0.7	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			16.924								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	7	7.	13.286	43.	3.	218.905	14.795	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	7	0.845	0.925	1.633	0.477	0.185	0.43	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.416								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	7	1517.	5676.714	11418.	1344.	27968030.571	5288.481	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0230

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	8	19.5	20.5	31.	10.	70.857	8.418	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	8	3.5	3.625	8.	1.	5.696	2.387	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	2	9.5	9.5	15.	4.	60.5	7.778	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	2	0.889	0.889	1.176	0.602	0.165	0.406	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			7.746								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	2	4.	4.	4.	4.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	2	0.602	0.602	0.602	0.602	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	8	6285.	6281.375	11404.	1255.	27961577.411	5287.871	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0230

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	8	17.5	18.625	30.	11.	50.268	7.09	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	8	6.5	6.125	12.	1.	17.839	4.224	**	**	**	**
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	8	11184.5	7608.75	11523.	1250.	26158173.643	5114.506	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0230

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	7	22.	19.	28.	7.	77.333	8.794	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	7	4.	4.429	12.	1.	13.619	3.69	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	3	23.	22.5	43.	1.5	430.75	20.755	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	3	1.362	1.057	1.633	0.176	0.601	0.775	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			11.405								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0230

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	3	9.	11.167	23.	1.5	119.083	10.913	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	3	0.954	0.831	1.362	0.176	0.363	0.602	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.772								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	7	11101.	6997.143	11421.	1102.	27942151.476	5286.034	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station GATE0230

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	5	25.	25.4	27.	24.	1.3	1.14	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	5	4.	3.6	5.	1.	2.3	1.517	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	4	23.5	35.375	93.	1.5	1836.896	42.859	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	4	1.118	1.095	1.968	0.176	0.713	0.845	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			12.446								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	4	6.5	14.375	43.	1.5	373.896	19.336	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	4	0.778	0.841	1.633	0.176	0.38	0.616	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.942								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	5	1031.	4898.8	11400.	0.	33550144.7	5792.249	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station GATE0230

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	6	18.5	18.5	24.	13.	19.5	4.416	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	6	1.	1.5	4.	0.	1.9	1.378	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	6 ##	22.25	124.583	460.	1.5	35585.942	188.642	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	6 ##	0.905	1.201	2.663	0.176	1.373	1.172	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			15.878								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	6 ##	2.75	42.583	240.	1.5	9358.342	96.739	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	6 ##	0.389	0.726	2.38	0.176	0.735	0.857	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.32								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	6	11054.	7921.167	11506.	1006.	26333694.567	5131.637	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station GATE0230

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	2	20.25	20.25	26.5	14.	78.125	8.839	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	2	4.5	4.5	8.	1.	24.5	4.95	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	2 ##	0.176	0.176	0.176	0.176	0.	0.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1.5								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	2 ##	0.176	0.176	0.176	0.176	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.5								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	2	6382.5	6382.5	11259.	1506.	47560504.5	6896.412	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0230

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	13	23.3	22.585	25.	16.	5.721	2.392	17.6	21.85	23.95	25.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	36	23.	22.194	36.	7.	44.447	6.667	13.1	17.25	26.75	30.3
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	45	4.	4.822	12.	0.	9.559	3.092	1.	2.5	6.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	40	9.	50.925	460.	1.5	10402.571	101.993	1.5	1.875	38.	240.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	40	0.954	1.027	2.663	0.176	0.563	0.751	0.176	0.251	1.566	2.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			10.639								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	40	5.5	14.2	240.	1.5	1438.908	37.933	1.5	1.5	9.	23.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	40	0.724	0.742	2.38	0.176	0.259	0.509	0.176	0.176	0.954	1.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.521								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	45	11052.	7070.667	11454.	1130.	24141808.5	4913.431	1253.4	1445.	11224.5	11414.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0230

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	20	5.	4.13	10.	-0.6	9.83	3.135	0.65	1.25	7.75	0.26
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	46	10.	9.957	17.	0.	16.976	4.12	4.	7.75	12.25	16.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	58	4.	5.017	20.	0.	20.649	4.544	0.	1.	8.25	11.1
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	51	30.	233.902	4600.	1.5	525017.74	724.581	1.5	15.	150.	416.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	51	1.477	1.535	3.663	0.176	0.722	0.85	0.176	1.176	2.176	2.606
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			34.281								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	51	15.	37.363	430.	1.5	5036.031	70.965	1.5	4.	43.	93.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	51	1.176	1.119	2.633	0.176	0.413	0.642	0.176	0.602	1.633	1.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			13.167								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	58	1544.5	5668.259	11600.	1006.	24695383.318	4969.445	1244.6	1341.25	11300.25	11440.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0230

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	31	20.	17.81	23.	0.	24.649	4.965	11.2	16.	21.	22.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	74	26.	23.601	35.	10.	37.185	6.098	14.5	18.75	28.	30.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	79	4.	4.532	15.	0.	11.38	3.373	1.	2.	7.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	72	13.	113.271	2400.	1.5	159731.26	399.664	1.5	4.	43.	237.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	72	1.109	1.191	3.38	0.176	0.615	0.784	0.176	0.602	1.633	2.375
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			15.508								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	72	5.5	15.368	93.	1.5	495.746	22.265	1.5	1.5	22.5	43.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	72	0.724	0.84	1.968	0.176	0.302	0.549	0.176	0.176	1.352	1.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.916								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	80	11150.5	7165.363	11612.	0.	24571905.145	4957.006	1230.1	1354.5	11303.	11428.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0231

NPS Station ID: GATE0231 LAT/LON: 40.460281/ -73.992505 Agency: 21NJDEP1 Date Created: 10/08/85
Location: ATLANTIC OCEAN OFF FT HANCOCK STP MIDDLETOWN FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/OCEAN STORET Station ID(s): L6988637114 /CCMPMC1006
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 02030104 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST MAJOR BASIN Elevation: 0 Water Body Id:
Minor Basin: NEW JERSEY COASTAL MINOR BASIN ECO Region:
RF1 Index: 02030104014 RF1 Mile Point: 0.890 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:

Parameter Inventory for Station: GATE0231

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/10/85-09/03/85	13	23.	90.5	460.	1.5	19228.167	138.666	3.7	9.	157.5	372.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/10/85-09/03/85	13	1.362	1.467	2.663	0.176	0.515	0.717	0.444	0.954	2.128	2.55
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			29.325								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/85-09/13/93	160	4.	15.447	140.	1.	588.219	24.253	1.	2.	20.	50.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/85-09/13/93	160	0.602	0.749	2.146	0.	0.382	0.618	0.	0.301	1.299	1.699
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			5.61								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0231

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	13	0	0.00	5	0	0.00				8	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1985 - Station GATE0231

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/85-09/13/93	13	9.	13.038	43.	1.5	214.978	14.662	1.5	2.75	19.	43.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/85-09/13/93	13	0.954	0.853	1.633	0.176	0.267	0.516	0.176	0.389	1.269	1.633
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			7.129								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GATE0231

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/85-09/13/93	19	5.	19.737	140.	1.	1214.538	34.85	1.	2.	22.	79.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/85-09/13/93	19	0.699	0.788	2.146	0.	0.463	0.681	0.	0.301	1.342	1.898
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			6.134								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GATE0231

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/85-09/13/93	19	4.	19.105	80.	1.	752.544	27.433	1.	1.	30.	70.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/85-09/13/93	19	0.602	0.725	1.903	0.	0.564	0.751	0.	0.	1.477	1.845
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			5.305								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GATE0231

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/85-09/13/93	17	8.	22.882	80.	1.	697.235	26.405	1.	2.	40.	72.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/85-09/13/93	17	0.903	0.97	1.903	0.	0.461	0.679	0.	0.301	1.588	1.857
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			9.334								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0231

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/85-09/13/93	19	8.	16.368	50.	1.	356.579	18.883	1.	2.	23.	50.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/85-09/13/93	19	0.903	0.895	1.699	0.	0.331	0.576	0.	0.301	1.362	1.699
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			7.849								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0231

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/85-09/13/93	17	7.	13.529	70.	1.	303.89	17.432	1.	1.	22.5	38.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/85-09/13/93	17	0.845	0.774	1.845	0.	0.391	0.625	0.	0.	1.352	1.551
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			5.946								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0231

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/85-09/13/93	19	2.	7.105	80.	1.	322.766	17.966	1.	1.	4.	13.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/85-09/13/93	19	0.301	0.404	1.903	0.	0.249	0.499	0.	0.	0.602	1.114
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			2.534								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0231

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/85-09/13/93	19	2.	15.842	130.	2.	1175.807	34.29	2.	2.	4.	80.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/85-09/13/93	19	0.301	0.615	2.114	0.301	0.356	0.597	0.301	0.301	0.602	1.903
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			4.118								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station GATE0231

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/85-09/13/93	18	7.5	11.	50.	1.	161.765	12.719	1.	2.	17.	32.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/85-09/13/93	18	0.874	0.778	1.699	0.	0.269	0.519	0.	0.301	1.23	1.499
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			5.997								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0231

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/85-09/13/93	53	4.	12.387	70.	1.	236.641	15.383	1.	2.	21.5	33.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/85-09/13/93	53	0.602	0.757	1.845	0.	0.32	0.565	0.	0.301	1.332	1.519
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			5.716								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0231

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/85-09/13/93	107	4.	16.963	140.	1.	759.239	27.554	1.	2.	17.	62.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/85-09/13/93	107	0.602	0.745	2.146	0.	0.417	0.646	0.	0.301	1.23	1.792
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			5.558								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0232

NPS Station ID: GATE0232 LAT/LON: 40.459698/ -73.992505 Agency: 11NPSWRD Date Created: 12/21/96
Location: Gunnison Beach FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/OCEAN STORET Station ID(s): GATE_SH-4
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 02030104 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METROPOLITAN AREA ECO Region:
RF1 Index: 02030104 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:
Station is a beach sampling site located at Gunnison Beach in the Sandy Hook Unit of Gateway National Recreation Area. The station can be found on the USGS 7.5' Sandy Hook N.Y.-N.J. quadrangle. Samples are collected from the surf at the beach. For additional information on the water quality data stored at this station; contact the Division of Natural Resources at Gateway National Recreation Area - Building 210; Fort Wadsworth; Staten Island N.Y. 10305 (tel. 718-448-5505; fax. 718-448-4015). The park produces an Annual Report summarizing each year's monitoring activities. Data processed and uploaded to STORET by Dean Tucker; NPS Water Resources Division; 1201 Oak Ridge Drive Ste. 250; Fort Collins CO 80525 (tel. 970-225-3516; fax. 970-225-9965).

Parameter Inventory for Station: GATE0232

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/93-08/24/93	10	24.55	24.23	25.7	21.6	2.058	1.435	21.64	23.275	25.475	25.7
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/24/93-08/24/93	10	37150.	36560.	40200.	31600.	11200444.444	3346.707	31630.	33400.	39875.	40190.
00406	PH, FIELD, STANDARD UNITS SU	08/24/93-08/24/93	10	8.15	8.116	8.17	7.98	0.004	0.067	7.984	8.065	8.16	8.169
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/24/93-08/24/93	10	8.15	8.111	8.17	7.98	0.004	0.067	7.984	8.065	8.16	8.169
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/24/93-08/24/93	10	0.007	0.008	0.01	0.007	0.	0.001	0.007	0.007	0.009	0.01
00480	SALINITY - PARTS PER THOUSAND	08/24/93-08/24/93	10	23.85	23.59	25.9	21.1	2.968	1.723	21.11	21.95	25.25	25.85
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/02/88-08/28/96	144	22.	122.771	3654.	0.	150744.765	388.259	0.	0.	84.75	255.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/02/88-08/28/96	144	1.342	1.009	3.563	0.	1.112	1.054	0.	0.	1.928	2.406
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			10.221								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	146	0.	35.479	814.	0.	10455.424	102.252	0.	0.	29.	87.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	146	0.	0.601	2.911	0.	0.756	0.87	0.	0.	1.462	1.94
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.993								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0232

			Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00406 PH, FIELD	Other-Hi Lim.	9.	10	0	0.00	10	0	0.00									
	Other-Lo Lim.	6.5	10	0	0.00	10	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: GATE0232

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	144	4	0.03	57	3	0.05				87	1	0.01			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	146	7	0.05	59	4	0.07				87	3	0.03			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1988 - Station GATE0232

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/02/88-08/28/96	17	37.	59.235	239.	0.	3997.941	63.229	0.	20.	88.5	162.2
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/02/88-08/28/96	17	1.568	1.419	2.378	0.	0.557	0.746	0.	1.299	1.947	2.2
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			26.246								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	17	11.	18.529	78.	0.	601.765	24.531	0.	0.	32.	68.4
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	17	1.041	0.801	1.892	0.	0.559	0.748	0.	0.	1.495	1.834
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			6.327								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0232

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/02/88-08/28/96	17	132.	501.471	3654.	0.	905797.765	951.734	0.	14.5	469.	2285.2
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/02/88-08/28/96	17	2.121	1.839	3.563	0.	1.387	1.178	0.	0.731	2.627	3.343
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			69.076								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	17	0.	57.353	814.	0.	38605.118	196.482	0.	0.	11.	242.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	17	0.	0.558	2.911	0.	0.784	0.885	0.	0.	1.041	2.179
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.617								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0232

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/02/88-08/28/96	15	29.	63.8	493.	0.	15762.743	125.55	0.	0.	58.	284.2
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/02/88-08/28/96	15	1.462	1.078	2.693	0.	0.93	0.965	0.	0.	1.763	2.374
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			11.968								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	15	0.	13.533	116.	0.	1305.552	36.132	0.	0.	0.	98.6
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	15	0.	0.267	2.064	0.	0.497	0.705	0.	0.	0.	1.989
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.849								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0232

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/02/88-08/28/96	14	0.	49.714	493.	0.	17004.835	130.403	0.	0.	36.25	290.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/02/88-08/28/96	14	0.	0.666	2.693	0.	0.938	0.969	0.	0.	1.538	2.316
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.632								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	14	0.	35.214	232.	0.	4292.797	65.519	0.	0.	65.25	159.5
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	14	0.	0.676	2.365	0.	0.92	0.959	0.	0.	1.807	2.153
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4.747								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0232

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/02/88-08/28/96	15	0.	17.4	87.	0.	816.971	28.583	0.	0.	29.	69.6
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/02/88-08/28/96	15	0.	0.559	1.94	0.	0.683	0.827	0.	0.	1.462	1.834
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.626								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0232

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	15	0.	11.4	55.	0.	317.114	17.808	0.	0.	29.	39.4
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	15	0.	0.506	1.74	0.	0.553	0.744	0.	0.	1.462	1.574
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.206								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station GATE0232

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/02/88-08/28/96	28	29.	77.357	1093.	0.	41809.423	204.474	0.	0.	79.75	145.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/02/88-08/28/96	28	1.462	1.062	3.039	0.	0.97	0.985	0.	0.	1.895	2.161
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			11.534								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	30	0.	49.3	551.	0.	13638.7	116.785	0.	0.	36.25	191.4
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	30	0.	0.736	2.741	0.	0.918	0.958	0.	0.	1.538	2.271
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			5.451								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station GATE0232

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/02/88-08/28/96	11	0.	227.364	1160.	0.	178469.255	422.456	0.	0.	296.	1119.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/02/88-08/28/96	11	0.	1.069	3.064	0.	1.711	1.308	0.	0.	2.471	3.048
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			11.718								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	11	0.	32.273	296.	0.	7790.018	88.261	0.	0.	29.	242.8
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	11	0.	0.492	2.471	0.	0.777	0.881	0.	0.	1.462	2.272
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.104								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station GATE0232

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/02/88-08/28/96	14	0.	99.429	464.	0.	37096.418	192.604	0.	0.	130.5	464.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/02/88-08/28/96	14	0.	0.674	2.667	0.	1.305	1.142	0.	0.	1.756	2.667
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.719								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	14	14.5	74.571	522.	0.	19500.11	139.643	0.	0.	94.25	348.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	14	0.731	0.997	2.718	0.	1.145	1.07	0.	0.	1.971	2.479
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			9.92								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1996 - Station GATE0232

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/02/88-08/28/96	13	0.	13.385	87.	0.	787.09	28.055	0.	0.	14.5	75.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/02/88-08/28/96	13	0.	0.397	1.94	0.	0.58	0.761	0.	0.	0.731	1.869
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.497								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	13	0.	11.154	145.	0.	1617.308	40.216	0.	0.	0.	87.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	13	0.	0.166	2.161	0.	0.359	0.599	0.	0.	0.	1.297
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.466								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0232

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/02/88-08/28/96	57	29.	179.86	3654.	0.	323412.48	568.694	0.	0.	58.	370.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/02/88-08/28/96	57	1.462	1.07	3.563	0.	1.175	1.084	0.	0.	1.763	2.542
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			11.756								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	59	0.	38.186	551.	0.	8882.913	94.249	0.	0.	29.	116.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	59	0.	0.654	2.741	0.	0.808	0.899	0.	0.	1.462	2.064
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4.505								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0232

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/02/88-08/28/96	87	0.	85.368	1160.	0.	36487.445	191.017	0.	0.	87.	239.6
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/02/88-08/28/96	87	0.	0.97	3.064	0.	1.08	1.039	0.	0.	1.94	2.379
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			9.326								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	87	0.	33.644	814.	0.	11629.092	107.838	0.	0.	29.	87.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	87	0.	0.566	2.911	0.	0.727	0.853	0.	0.	1.462	1.94
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.68								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0233

NPS Station ID: GATE0233
LAT/LON: 40.381115/ -73.992505
Agency: 21NJDEP1
Date Created: 08/08/81
Location: NAVESINK RIVER
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 1000800090 /1019A /SF03047 /C20
RMI-Indexes: 0133006 000020
Within Park Boundary: No
RMI-Miles: 0001.70 0000.90
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST MAJOR BASIN
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA
ECO Region:
RF1 Index: 02030104008
RF1 Mile Point: 0.590
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J.
TIDE CORRECTION (H/L): (+1:09/+1:45)
ASSOCIATED NOAA WEATHER STATION: 4987

Parameter Inventory for Station: GATE0233

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GATE0234

NPS Station ID: GATE0234 LAT/LON: 40.381420/ -73.993087 Agency: 11NYCOR Date Created: 09/08/79
Location: NAVESINK RIVER NORTH OF BARLEY POINT-NJ. FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): NYCOR277
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02030104 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METRO AREA ECO Region:
RF1 Index: 02030104008 RF1 Mile Point: 0.590 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:
NEW YORK CORPS OF ENGINEERS DREDGING STUDIES

Parameter Inventory for Station: GATE0234

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	05/16/77-05/16/77	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/16/77-05/16/77	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/16/77-05/16/77	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	05/16/77-05/16/77	1	0.48	0.48	0.48	0.48	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	05/16/77-05/16/77	1	1.77	1.77	1.77	1.77	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/16/77-05/16/77	1	3.21	3.21	3.21	3.21	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	05/16/77-05/16/77	1	12.86	12.86	12.86	12.86	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/16/77-05/16/77	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	05/16/77-05/16/77	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GATE0235

NPS Station ID: GATE0235
LAT/LON: 40.380003/ -73.993059
Agency: 21NJDEP1
Date Created: 08/08/81
Location: NAVESINK RIVER
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 1000800100 /1019 /SF03048
RMI-Indexes: 0133006 000020
Within Park Boundary: No
RMI-Miles: 0001.70 0001.00
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST MAJOR BASIN
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA
ECO Region:
RF1 Index: 02030104008
RF1 Mile Point: 0.590
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J.
TIDE CORRECTION (H/L): (+1:09/+1:45)
ASSOCIATED NOAA WEATHER STATION: 4987

Parameter Inventory for Station: GATE0235

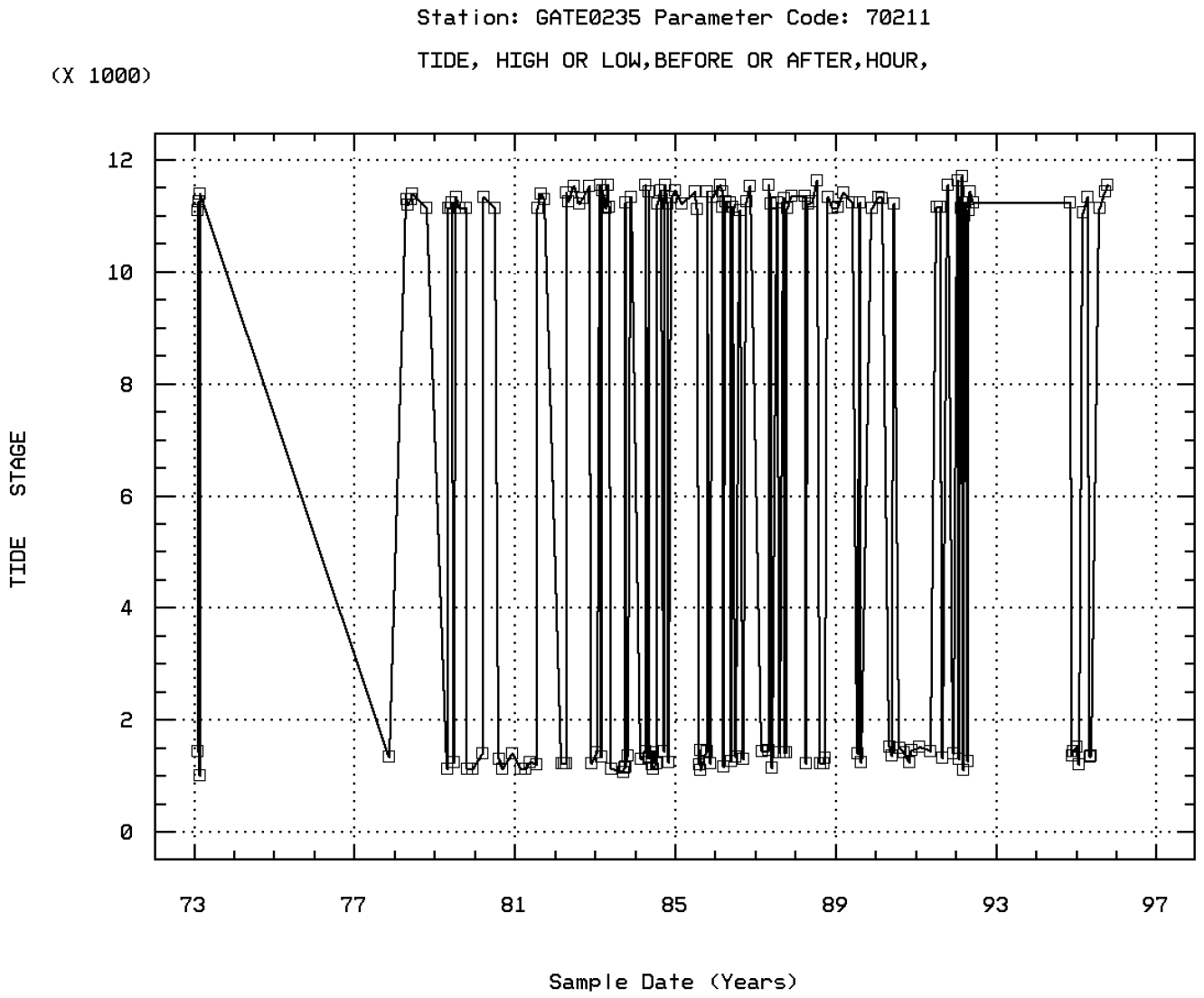
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-10/17/95	34	13.	12.997	28.	0.	68.686	8.288	1.85	4.	20.	24.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/15/77-10/17/95	158	16.	16.12	32.	0.	58.068	7.62	6.	10.	22.	27.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	167	7.	7.395	15.	0.	20.277	4.503	1.8	3.	10.	14.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	130	23.	139.746	2400.	1.5	107063.951	327.206	3.1	9.	93.	390.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	130	1.362	1.449	3.38	0.176	0.603	0.776	0.49	0.954	1.968	2.591
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			28.092								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/15/77-10/17/95	125	9.	43.684	930.	1.5	15827.962	125.809	1.5	4.	37.5	93.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/15/77-10/17/95	125	0.954	1.059	2.968	0.176	0.431	0.656	0.176	0.602	1.574	1.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.449								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	30	3.6	16.26	93.	1.5	620.302	24.906	1.5	2.625	23.	43.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/88-08/08/95	30	0.556	0.816	1.968	0.176	0.328	0.573	0.176	0.402	1.362	1.633
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			6.542								
31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	02/05/73-10/16/78	10	4.	4.	4.	4.	0.	0.	4.	4.	4.	4.
31678	LOG FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATI	02/05/73-10/16/78	10	0.602	0.602	0.602	0.602	0.	0.	0.602	0.602	0.602	0.602
31678	GM FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATIO	GEOMETRIC MEAN =			4.								
70211p	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	167	11128.	6744.539	11710.	1000.	25009338.84	5000.934	1191.2	1319.	11300.	11440.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0235

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	130	4	0.03	36	0	0.00	42	3	0.07	52	1	0.02			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	125	5	0.04	36	0	0.00	37	3	0.08	52	2	0.04			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



NAVESINK RIVER

Annual Analysis for 1973 - Station GATE0235

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	5	4.	3.6	6.	0.	5.3	2.302	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	5 ##	15.	241.	930.	15.	157017.5	396.254	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	5 ##	1.176	1.772	2.968	1.176	0.711	0.843	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			59.115								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	5	11100.	7235.	11400.	1000.	30234700.	5498.609	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GATE0235

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/15/77-10/17/95	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	1	5.	5.	5.	5.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	1	1100.	1100.	1100.	1100.	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	1	3.041	3.041	3.041	3.041	0.	0.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1100.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/15/77-10/17/95	1	240.	240.	240.	240.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/15/77-10/17/95	1	2.38	2.38	2.38	2.38	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			240.								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	1	1330.	1330.	1330.	1330.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GATE0235

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/15/77-10/17/95	5	16.	17.8	24.	12.	25.2	5.02	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	5	5.	5.6	10.	0.	14.3	3.782	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	5	9.	13.9	43.	1.5	274.05	16.554	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	5	0.954	0.913	1.633	0.176	0.268	0.517	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			8.178								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/15/77-10/17/95	5	9.	7.7	15.	1.5	27.2	5.215	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/15/77-10/17/95	5	0.954	0.773	1.176	0.176	0.153	0.392	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.923								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	5	11300.	11266.	11400.	11130.	10780.	103.827	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station GATE0235

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/15/77-10/17/95	10	21.	19.1	28.	4.	52.989	7.279	4.8	13.5	24.25	27.7
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	10	7.5	7.	12.	2.	17.111	4.137	2.1	3.	10.5	12.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	10	22.	58.	210.	7.	4984.889	70.604	7.2	9.	107.25	204.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	10	1.342	1.471	2.322	0.845	0.282	0.532	0.856	0.954	2.02	2.308
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			29.607								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/15/77-10/17/95	10	12.	22.5	93.	1.5	836.	28.914	1.5	3.375	40.	88.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/15/77-10/17/95	10	1.065	1.006	1.968	0.176	0.381	0.617	0.176	0.496	1.602	1.935
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.129								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	10	11130.	7170.	11330.	1130.	26804888.889	5177.344	1130.	1130.	11155.	11320.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GATE0235

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/15/77-10/17/95	6	14.	15.5	27.	6.	77.5	8.803	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	6	6.5	6.5	10.	4.	5.5	2.345	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	6	6.5	406.917	2400.	1.5	953429.042	976.437	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	6	0.812	1.191	3.38	0.176	1.298	1.139	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			15.508								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/15/77-10/17/95	6 ##	1.5	18.	93.	1.5	1359.	36.865	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/15/77-10/17/95	6 ##	0.176	0.605	1.968	0.176	0.543	0.737	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.023								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	6	1400.	4615.	11330.	1130.	26268670.	5125.297	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station GATE0235

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/15/77-10/17/95	7	20.	21.	31.	10.	41.667	6.455	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	7	10.	9.714	15.	3.	20.571	4.536	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	7	15.	21.214	75.	1.5	612.155	24.742	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	7	1.176	1.093	1.875	0.176	0.273	0.522	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			12.383								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/15/77-10/17/95	7	9.	7.929	14.	1.5	17.702	4.207	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/15/77-10/17/95	7	0.954	0.817	1.146	0.176	0.109	0.33	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.562								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	7	1230.	5502.857	11400.	1130.	29177257.143	5401.598	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station GATE0235

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/15/77-10/17/95	10	15.5	15.8	26.	4.	43.956	6.63	4.4	11.75	21.25	25.6
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	10	5.5	6.4	15.	1.	18.711	4.326	1.2	3.	10.	14.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	8	29.	74.	430.	1.5	21013.357	144.96	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	8	1.405	1.28	2.633	0.176	0.667	0.816	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			19.045								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/15/77-10/17/95	8	6.5	18.625	91.	1.5	911.054	30.184	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/15/77-10/17/95	8	0.778	0.876	1.959	0.176	0.376	0.614	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.515								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	10	11234.	7309.	11527.	1210.	27514329.556	5245.41	1210.	1218.25	11435.25	11526.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station GATE0235

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/15/77-10/17/95	14	15.5	13.429	22.	0.	45.802	6.768	2.5	7.5	18.75	21.5
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	14	11.	9.786	15.	1.	27.874	5.28	1.	5.75	15.	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	14	83.	161.143	930.	9.	56321.363	237.321	12.	32.75	230.	580.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	14	1.917	1.892	2.968	0.954	0.303	0.55	1.065	1.508	2.362	2.665
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			77.936								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/15/77-10/17/95	14	29.5	41.571	150.	9.	1593.648	39.921	9.	15.	50.5	121.5
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/15/77-10/17/95	14	1.459	1.46	2.176	0.954	0.144	0.38	0.954	1.176	1.691	2.072
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			28.836								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station GATE0235

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	14	6281.	6285.786	11556.	1056.	27588968.951	5252.52	1092.5	1153.25	11359.25	11552.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GATE0235

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/15/77-10/17/95	17	19.	18.235	31.	2.	66.566	8.159	6.8	12.	25.	29.4
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	17	9.	8.235	15.	1.	21.191	4.603	1.8	3.5	12.	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	16	59.	257.531	1500.	1.5	200707.182	448.004	6.75	21.5	203.25	1101.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	16	1.754	1.806	3.176	0.176	0.624	0.79	0.721	1.332	2.277	3.031
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			64.011								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/15/77-10/17/95	16	12.	142.438	930.	1.5	95501.429	309.033	1.5	9.	88.5	930.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/15/77-10/17/95	16	1.065	1.392	2.968	0.176	0.676	0.822	0.176	0.954	1.945	2.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			24.652								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	17	1428.	5458.176	11550.	1125.	26197137.529	5118.314	1190.6	1277.	11383.	11549.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GATE0235

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/15/77-10/17/95	11	18.	19.273	32.	7.	58.418	7.643	7.8	12.	26.	30.8
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	11	3.	4.909	15.	2.	17.491	4.182	2.	2.	8.	13.8
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	11	21.	113.364	930.	4.	74410.455	272.783	4.6	9.	93.	762.6
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	11	1.322	1.432	2.968	0.602	0.455	0.674	0.651	0.954	1.968	2.768
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			27.054								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/15/77-10/17/95	11	9.	56.409	430.	1.5	16090.741	126.849	1.8	4.	43.	362.6
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/15/77-10/17/95	11	0.954	1.103	2.633	0.176	0.52	0.721	0.236	0.602	1.633	2.5
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.673								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	11	11118.	6763.182	11440.	1110.	27535809.364	5247.457	1129.4	1218.	11426.	11439.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GATE0235

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/15/77-10/17/95	13	19.	16.	29.	5.	74.167	8.612	5.4	6.5	22.5	28.2
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	13	4.	5.538	14.	1.	17.603	4.196	1.	2.5	9.	13.2
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	13	43.	159.038	430.	1.5	29677.519	172.272	2.5	6.5	310.	430.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	13	1.633	1.685	2.633	0.176	0.772	0.878	0.346	0.778	2.476	2.633
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			48.428								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/15/77-10/17/95	13	23.	46.115	230.	1.5	4408.965	66.4	1.5	2.75	93.	175.2
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/15/77-10/17/95	13	1.362	1.157	2.362	0.176	0.591	0.769	0.176	0.389	1.968	2.204
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			14.35								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	13	11154.	8206.846	11540.	1155.	23250171.308	4821.843	1193.4	1318.5	11345.	11533.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GATE0235

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/15/77-10/17/95	8	13.	13.	22.	7.	24.571	4.957	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	12	5.	6.667	15.	1.	27.697	5.263	1.	1.25	11.5	14.7
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	9	9.	35.056	230.	1.5	5501.028	74.169	1.5	3.5	26.	230.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	9	0.954	0.995	2.362	0.176	0.425	0.652	0.176	0.54	1.294	2.362
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			9.894								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/15/77-10/17/95	9	4.	8.389	23.	1.5	77.299	8.792	1.5	1.5	16.	23.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/15/77-10/17/95	9	0.602	0.693	1.362	0.176	0.236	0.486	0.176	0.176	1.158	1.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.935								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	12	6293.	6339.	11552.	1137.	26849160.364	5181.618	1218.9	1413.5	11299.	11491.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GATE0235

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/15/77-10/17/95	10	14.5	15.	26.	6.	42.	6.481	6.3	9.75	19.	25.9
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	10	6.	5.7	10.	0.	7.789	2.791	0.3	4.5	8.	9.8
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	3	21.	25.	39.	15.	156.	12.49	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	3	1.322	1.363	1.591	1.176	0.044	0.21	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			23.074								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/15/77-10/17/95	3	7.	6.333	9.	3.	9.333	3.055	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/15/77-10/17/95	3	0.845	0.759	0.954	0.477	0.062	0.25	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.739								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	10	11174.5	7287.4	11635.	1209.	27111918.933	5206.911	1209.1	1217.5	11335.5	11606.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0235

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/15/77-10/17/95	7	21.	19.571	28.	5.	74.619	8.638	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	7	5.	6.286	15.	1.	25.905	5.09	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	4	43.	122.75	390.	15.	31917.583	178.655	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	4	1.633	1.759	2.591	1.176	0.355	0.595	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			57.349								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/15/77-10/17/95	4	43.	60.	150.	4.	3938.	62.753	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/15/77-10/17/95	4	1.633	1.511	2.176	0.602	0.433	0.658	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			32.454								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	7	11159.	8402.286	11412.	1234.	23424281.571	4839.864	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0235

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/15/77-10/17/95	9	19.	16.556	25.	5.	53.778	7.333	5.	8.5	22.5	25.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	9	10.	9.778	15.	4.	17.194	4.147	4.	6.	14.5	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	2	9.	9.	9.	9.	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	2	0.954	0.954	0.954	0.954	0.	0.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			9.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/15/77-10/17/95	2	9.	9.	9.	9.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/15/77-10/17/95	2	0.954	0.954	0.954	0.954	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0235

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	9	1501.	4702.333	11326.	1244.	24376093.25	4937.215	1244.	1382.	11263.5	11326.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0235

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/15/77-10/17/95	7	24.	20.286	30.	6.	88.905	9.429	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	7	8.	7.857	14.	1.	17.143	4.14	**	**	**	**
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	7	1507.	5641.	11540.	1308.	27847058.667	5277.031	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0235

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/15/77-10/17/95	11	8.	11.	23.	5.	35.	5.916	5.2	6.	17.	22.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	11	8.	7.455	15.	1.	20.473	4.525	1.2	2.	10.	14.4
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	5	23.	19.4	43.	4.	264.3	16.257	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	5	1.362	1.112	1.633	0.602	0.229	0.479	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			12.948								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/15/77-10/17/95	5	23.	19.4	43.	4.	264.3	16.257	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/15/77-10/17/95	5	1.362	1.112	1.633	0.602	0.229	0.479	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.948								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	11	11130.	8558.	11710.	1106.	22254710.8	4717.49	1134.6	1307.	11432.	11692.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station GATE0235

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/15/77-10/17/95	3	10.	10.	15.	5.	25.	5.	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	3	14.	12.667	14.	10.	5.333	2.309	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	3	15.	15.667	28.	4.	144.333	12.014	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	3	1.176	1.075	1.447	0.602	0.186	0.432	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			11.888								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/15/77-10/17/95	3	4.	5.667	9.	4.	8.333	2.887	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/15/77-10/17/95	3	0.602	0.719	0.954	0.602	0.041	0.203	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.241								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	3	1430.	4674.	11237.	1355.	32306133.	5683.848	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station GATE0235

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/15/77-10/17/95	9	13.	12.	24.	1.	70.25	8.382	1.	2.5	19.	24.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	9	10.	10.667	14.	2.	14.	3.742	2.	10.	14.	14.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	8 ##	2.75	162.	1100.	1.5	145338.714	381.233	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	8 ##	0.389	1.036	3.041	0.176	1.272	1.128	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			10.854								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station GATE0235

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/15/77-10/17/95	8 ##	2.75	12.125	43.	1.5	238.268	15.436	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/15/77-10/17/95	8 ##	0.389	0.703	1.633	0.176	0.401	0.633	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.046								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	9	11050.	6878.111	11543.	1206.	27492932.861	5243.37	1206.	1348.	11377.	11543.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0235

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/15/77-10/17/95	44	20.5	20.523	32.	11.	30.348	5.509	12.	16.25	25.	27.5
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	47	6.	6.957	15.	0.	21.389	4.625	1.	3.	10.	15.
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	36	15.	52.736	430.	1.5	10569.893	102.81	1.5	4.	43.	230.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	36	1.176	1.152	2.633	0.176	0.513	0.716	0.176	0.602	1.633	2.362
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			14.176								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/15/77-10/17/95	36	9.	20.236	150.	1.5	1074.95	32.786	1.5	1.875	22.5	80.4
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/15/77-10/17/95	36	0.954	0.894	2.176	0.176	0.356	0.596	0.176	0.251	1.352	1.903
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.841								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	10	5.45	17.35	93.	1.5	857.838	29.289	1.5	3.075	17.575	88.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/88-08/08/95	10	0.71	0.831	1.968	0.176	0.338	0.581	0.176	0.461	1.128	1.935
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			6.774								
70211p	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	47	1501.	6181.447	11549.	1056.	25555441.035	5055.239	1142.	1300.	11258.	11429.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0235

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/15/77-10/17/95	52	7.5	8.115	19.	0.	17.124	4.138	3.3	5.25	10.	14.7
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	57	8.	8.211	15.	0.	22.348	4.727	1.8	4.	13.	15.
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	42	43.	225.524	2400.	4.	206474.304	454.394	5.5	15.	230.	930.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	42	1.633	1.73	3.38	0.602	0.558	0.747	0.708	1.176	2.362	2.968
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			53.647								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/15/77-10/17/95	37	15.	51.946	430.	1.5	7538.705	86.826	3.8	9.	67.	166.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/15/77-10/17/95	37	1.176	1.277	2.633	0.176	0.395	0.628	0.577	0.954	1.796	2.213
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			18.918								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	12	3.6	12.825	43.	1.5	234.993	15.329	1.5	1.5	23.	41.8
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/88-08/08/95	12	0.556	0.773	1.633	0.176	0.337	0.58	0.176	0.176	1.362	1.621
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			5.934								
70211p	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	57	11100.	6752.93	11710.	1000.	25389218.709	5038.772	1195.8	1331.	11334.5	11520.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

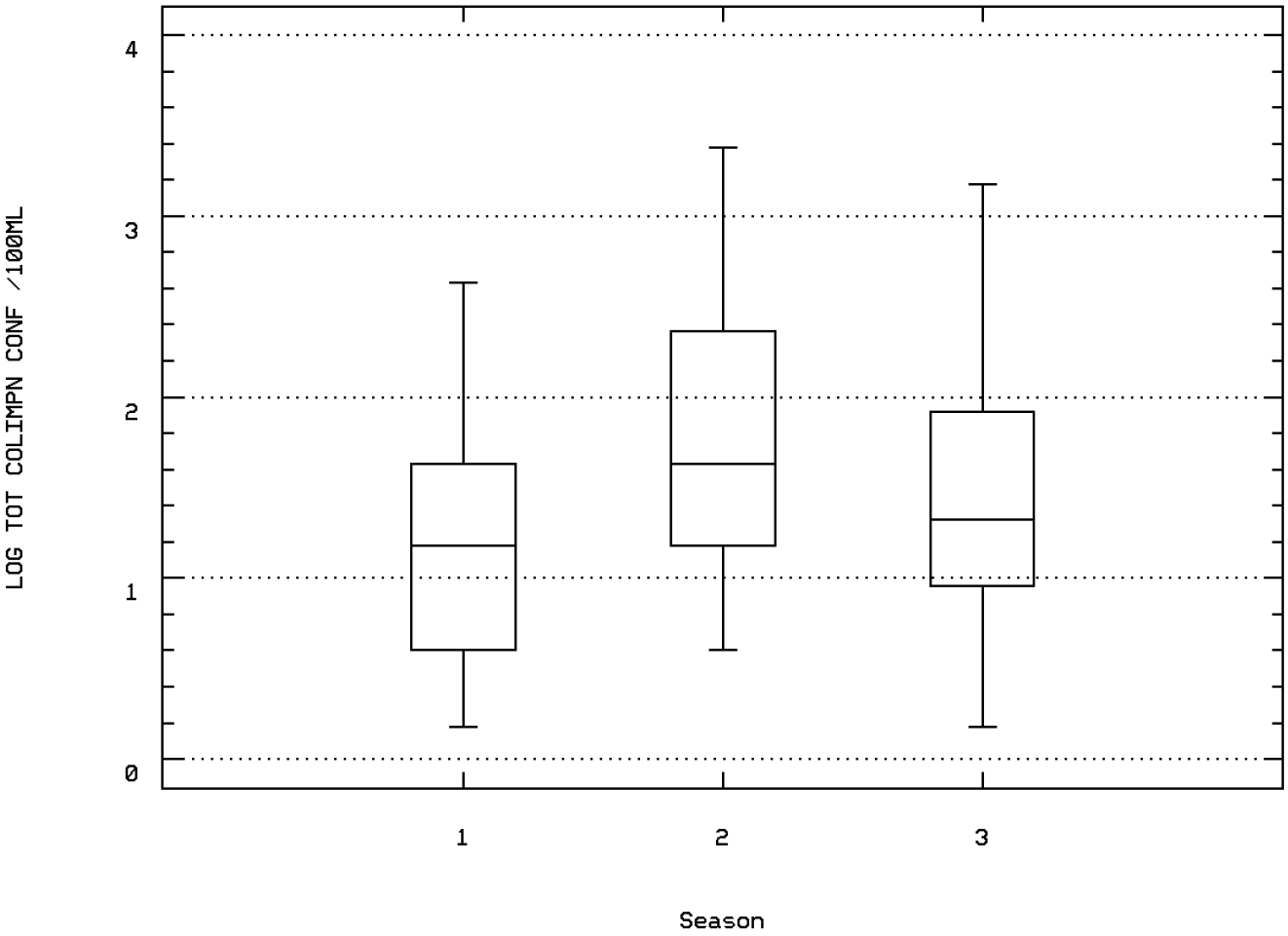
Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0235

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/15/77-10/17/95	62	20.	19.71	31.	8.	32.045	5.661	12.	15.	24.	28.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	63	7.	6.984	15.	0.	17.306	4.16	2.	3.	10.	13.2
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	52	21.	130.702	1500.	1.5	86078.993	293.392	2.25	9.	88.5	342.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	52	1.322	1.427	3.176	0.176	0.596	0.772	0.304	0.954	1.945	2.522
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			26.747								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/15/77-10/17/95	52	9.	54.038	930.	1.5	31877.587	178.543	1.5	4.	35.	87.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/15/77-10/17/95	52	0.954	1.017	2.968	0.176	0.469	0.685	0.176	0.602	1.534	1.937
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.408								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	8	3.6	20.05	93.	1.5	1059.274	32.546	**	**	**	**
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/88-08/08/95	8	0.556	0.86	1.968	0.176	0.39	0.624	**	**	**	**
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			7.251								
70211p	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	63	11130.	7157.032	11635.	1125.	24654480.805	4965.328	1202.8	1330.	11252.	11436.2

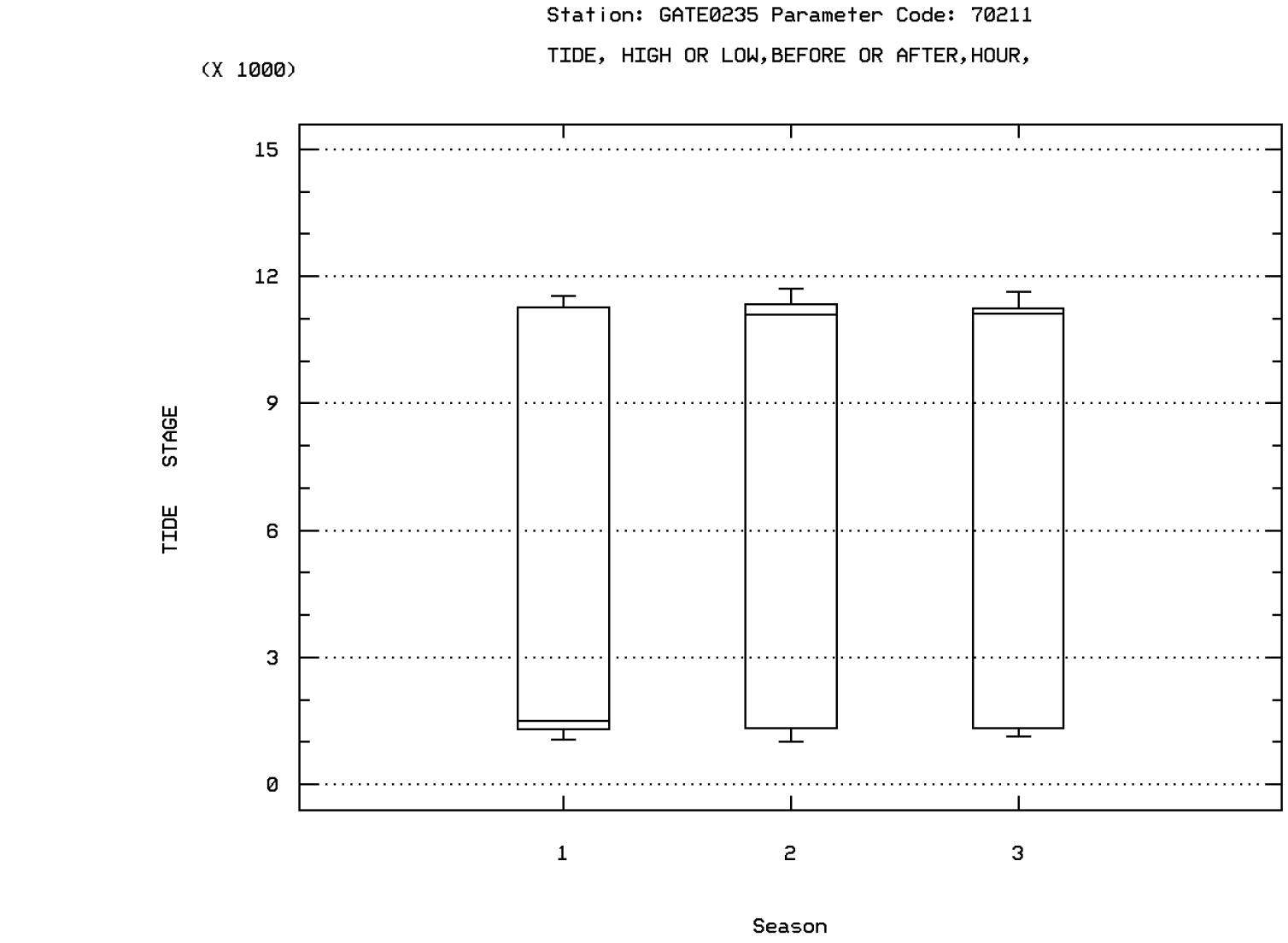
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: GATE0235 Parameter Code: 31505

LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C



NAVESINK RIVER



NAVESINK RIVER

Station Inventory for Station: GATE0236

NPS Station ID: GATE0236
LAT/LON: 40.466670/ -73.993338
Agency: 21NJDEP1
Date Created: 11/01/80
Location: ATLANTIC OCEAN AT SANDY HOOK
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): L6990137153 /AO20
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST MAJOR BASIN
Elevation: 0
Water Body Id:
Minor Basin: NEW JERSEY COASTAL MINOR BASIN
ECO Region:
RF1 Index: 02030104014
RF1 Mile Point: 0.460
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0236

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GATE0237

NPS Station ID: GATE0237
LAT/LON: 40.468060/ -73.994448
Agency: 1111H030
Date Created: / /
Location: 400YD OFF SHORE AND STA JC01A
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): JC01AB /JC1AB /JC-01AB /JC-1AB
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02030104
Depth of Water: 15
Aquifer:
Major Basin: ATLANTIC OCEAN
Elevation: 0
Water Body Id:
Minor Basin: OFF N J BEACHES AT SANDY HKSANDY HOOK
ECO Region:
RF1 Index: 02030104014
RF1 Mile Point: 0.310
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0237

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/30/74-05/19/77	12	15.35	14.642	22.	3.1	41.672	6.455	3.22	10.775	20.65	21.97
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/30/74-05/19/77	12	30350.	31383.333	39800.	23800.	24954242.424	4995.422	24070.	29250.	35600.	39530.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/30/74-03/09/77	8	39715.	39028.125	42886.	34745.	9850428.696	3138.539	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/30/74-05/19/77	14	8.95	9.121	13.2	4.9	7.791	2.791	5.05	7.	12.125	12.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/09/77-05/19/77	6 ##	0.024	0.059	0.169	0.01	0.005	0.068	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/09/77-05/19/77	6	0.013	0.012	0.024	0.005	0.	0.007	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/09/77-05/19/77	6	0.069	0.114	0.27	0.033	0.01	0.099	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/09/77-05/19/77	6	0.036	0.042	0.065	0.029	0.	0.015	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/09/77-05/19/77	6	3.25	3.25	3.6	2.8	0.083	0.288	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/19/77-05/19/77	2	13835.	13835.	14670.	13000.	1394450.	1180.868	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	03/09/77-05/19/77	6	0.2	0.2	0.4	0.1	0.012	0.11	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/30/74-09/12/74	4	2.45	2.825	4.7	1.7	1.889	1.374	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/30/74-09/01/76	9 ##	0.5	0.867	2.5	0.25	0.617	0.785	0.25	0.325	1.5	2.5
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/30/74-09/01/76	10	11.95	12.11	18.	9.	8.637	2.939	9.	9.15	14.	17.6
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/30/74-09/01/76	9	3.	6.772	37.	1.	132.311	11.503	1.	1.225	6.	37.
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/30/74-09/01/76	10	12.95	17.66	40.	5.	115.127	10.73	5.37	10.425	25.	38.5
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/30/74-09/01/76	10 ##	5.	4.67	14.	0.5	14.3	3.782	0.55	2.125	5.25	13.2
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/30/74-05/19/77	27	141.	243.148	1300.	13.	84312.823	290.367	16.2	94.	230.	790.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/30/74-05/19/77	27	2.149	2.143	3.114	1.114	0.249	0.499	1.207	1.973	2.362	2.898
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			138.895								
31521	COLIFORM,TOT,MPN,IN BOT DEPOS,CONFIRM (MPN/100G)	04/30/74-09/01/76	10	940.	1235.	3300.	80.	1469405.556	1212.19	83.	275.	2115.	3300.
31521	LOG COLIFORM,TOT,MPN,IN BOT DEPOS,CONFIRM (MPN/100	04/30/74-09/01/76	10	2.968	2.83	3.519	1.903	0.324	0.569	1.917	2.399	3.306	3.519
31521	GM COLIFORM,TOT,MPN,IN BOT DEPOS,CONFIRM (MPN/100G	GEOMETRIC MEAN =			676.56								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/30/74-05/19/77	27	13.	37.778	230.	1.	3499.718	59.158	1.8	5.	49.	107.4
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/30/74-05/19/77	27	1.114	1.169	2.362	0.	0.396	0.629	0.241	0.699	1.69	1.987
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			14.762								
31641	FECAL COLIFORM,MPN IN BOT DEPOS,EC MED (MPN/100G)	04/30/74-09/01/76	10	60.	172.	790.	10.	57662.222	240.13	11.	35.	255.	744.
31641	LOG FECAL COLIFORM,MPN IN BOT DEPOS,EC MED (MPN/10	04/30/74-09/01/76	10	1.772	1.904	2.898	1.	0.331	0.575	1.03	1.527	2.401	2.86
31641	GM FECAL COLIFORM,MPN IN BOT DEPOS,EC MED (MPN/100	GEOMETRIC MEAN =			80.13								
70305	SALINITY BASED ON CONDUCTIVITY	04/30/74-05/19/77	12	25.05	24.858	27.9	21.9	3.75	1.936	22.02	23.075	26.65	27.54
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/09/77-05/19/77	6 ##	0.005	0.008	0.015	0.005	0.	0.005	**	**	**	**
71202	SALMONELLA FROM SEDIMENTS, INOC 1=PRESENT,0=ABS.	08/06/74-08/06/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71202	LOG SALMONELLA FROM SEDIMENTS, INOC 1=PRESENT,0=AB	08/06/74-08/06/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71202	GM SALMONELLA FROM SEDIMENTS, INOC 1=PRESENT,0=ABS	GEOMETRIC MEAN =			1.								
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	04/30/74-09/12/74	4 ##	0.1	0.163	0.4	0.05	0.026	0.16	**	**	**	**
71975	ORGANICS IN SEDIMENT GRAVIMETRICCORR.FOR H2O,MG/KG	04/30/74-09/01/76	10	9005.	10091.1	14950.	5641.	9674154.322	3110.33	5822.9	7872.5	12880.	14887.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0237

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	14	0	0.00	4	0	0.00	2	0	0.00	8	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	27	1	0.04	5	1	0.20	6	0	0.00	16	0	0.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	27	2	0.07	5	0	0.00	6	1	0.17	16	1	0.06			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0238

NPS Station ID: GATE0238
LAT/LON: 40.377503/ -73.995281
Agency: 21NJDEP1
Date Created: 08/08/81
Location: NAVESINK RIVER
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 1000800110 /1017C /SF03054
RMI-Indexes: 0133006 000020
Within Park Boundary: No
RMI-Miles: 0001.70 0001.10
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST MAJOR BASIN
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA
ECO Region:
RF1 Index: 02030104008
RF1 Mile Point: 0.880
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J.
TIDE CORRECTION (H/L): (+1:09/+1:45)
ASSOCIATED NOAA WEATHER STATION: 4987

Parameter Inventory for Station: GATE0238

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-05/17/84	53	16.	14.106	28.	0.	66.121	8.131	2.4	5.2	21.1	23.18
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-05/17/84	67	18.	17.294	31.	0.	51.235	7.158	8.	12.	23.	27.36
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-05/17/84	81	7.	7.704	20.	0.	24.786	4.979	2.	3.5	10.	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-05/17/84	81	23.	162.154	2400.	1.5	226112.179	475.513	4.	7.	59.	392.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-05/17/84	81	1.362	1.383	3.38	0.176	0.6	0.774	0.602	0.845	1.754	2.583
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			24.148								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-05/17/84	77	9.	26.799	240.	1.5	2205.127	46.959	1.5	4.	36.	53.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-05/17/84	77	0.954	0.989	2.38	0.176	0.375	0.613	0.176	0.602	1.556	1.7
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.761								
31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	02/05/73-10/16/78	13	4.	5.231	11.	3.	11.026	3.32	3.	3.	7.5	11.
31678	LOG FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATI	02/05/73-10/16/78	13	0.602	0.655	1.041	0.477	0.052	0.227	0.477	0.477	0.822	1.041
31678	GM FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATIO	GEOMETRIC MEAN =			4.523								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-05/17/84	83	11230.	10235.205	99984.	1000.	329963964.116	18164.91	1300.	1400.	11430.	11541.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0238

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	81	4	0.05	15	0	0.00	25	2	0.08	41	2	0.05			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	77	2	0.03	16	0	0.00	20	1	0.05	41	1	0.02			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0238

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-05/17/84	15	19.	19.333	27.	12.	24.667	4.967	12.	16.	24.	26.4
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-05/17/84	15	10.	8.333	15.	0.	31.238	5.589	0.6	3.	15.	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-05/17/84	15	7.	15.967	93.	1.5	580.552	24.095	1.5	4.	23.	63.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-05/17/84	15	0.845	0.881	1.968	0.176	0.282	0.531	0.176	0.602	1.362	1.767
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			7.601								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-05/17/84	16	4.	13.	93.	1.5	520.3	22.81	1.5	1.5	19.5	44.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-05/17/84	16	0.602	0.729	1.968	0.176	0.316	0.562	0.176	0.176	1.26	1.544
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.363								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-05/17/84	15	11300.	6690.467	11530.	1214.	26863074.838	5182.96	1265.6	1303.	11351.	11473.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0238

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-05/17/84	15	8.	8.133	17.	0.	16.124	4.015	2.4	6.	10.	14.6
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-05/17/84	24	5.5	7.625	20.	0.	26.853	5.182	2.	4.	11.5	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-05/17/84	25	43.	258.5	2400.	1.5	280202.208	529.341	4.	15.	195.	998.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-05/17/84	25	1.633	1.747	3.38	0.176	0.655	0.81	0.602	1.176	2.278	2.998
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			55.875								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-05/17/84	20	36.	47.125	240.	1.5	3812.102	61.742	4.	9.	43.	150.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-05/17/84	20	1.556	1.351	2.38	0.176	0.338	0.582	0.602	0.954	1.633	2.176
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			22.445								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-05/17/84	26	1501.	8601.808	99984.	1000.	370259320.082	19242.124	1210.	1340.	11258.75	11535.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0238

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-05/17/84	37	21.	20.181	31.	10.	32.802	5.727	13.4	15.	24.5	28.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-05/17/84	42	7.5	7.524	20.	1.	22.451	4.738	2.	3.	10.	14.1
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-05/17/84	41	23.	156.89	2400.	1.5	270055.819	519.669	4.	6.5	43.	210.6
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-05/17/84	41	1.362	1.344	3.38	0.176	0.529	0.727	0.602	0.778	1.633	2.298
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			22.101								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-05/17/84	41	9.	22.268	230.	1.5	1880.101	43.36	1.5	4.	23.	43.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-05/17/84	41	0.954	0.915	2.362	0.176	0.336	0.58	0.176	0.602	1.362	1.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.215								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-05/17/84	42	11300.	12512.333	99984.	1247.	413386600.959	20331.911	1309.	1444.75	11500.	11584.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0239

NPS Station ID: GATE0239 LAT/LON: 40.446948/ -73.995560 Agency: 21NJDEP1 Date Created: 10/08/85
Location: SANDY HOOK BAY AT HORSESHOE COVE MIDDLETOWN FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): L6987737036 /CCMPMC0007
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 02030104 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST MAJOR BASIN Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA ECO Region:
RF1 Index: 02030104013 RF1 Mile Point: 3.770 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:

Parameter Inventory for Station: GATE0239

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/10/85-09/03/85	13	43.	440.731	2400.	1.5	764638.109	874.436	2.5	16.	240.	2400.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/10/85-09/03/85	13	1.633	1.81	3.38	0.176	0.924	0.961	0.346	1.158	2.38	3.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			64.555								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/85-09/13/93	162	17.	60.725	1600.	1.	30329.693	174.154	2.	4.	50.	130.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/85-09/13/93	162	1.23	1.197	3.204	0.	0.483	0.695	0.301	0.602	1.699	2.114
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			15.722								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0239

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	13	2	0.15	5	1	0.20				8	1	0.13			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1985 - Station GATE0239

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/85-09/13/93	13	23.	101.346	1100.	1.5	90309.683	300.516	1.5	2.25	43.	677.2
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/85-09/13/93	13	1.362	1.113	3.041	0.176	0.682	0.826	0.176	0.327	1.633	2.478
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			12.96								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GATE0239

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/85-09/13/93	19	8.	116.053	1600.	1.	130908.942	361.813	1.	2.	70.	130.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/85-09/13/93	19	0.903	1.152	3.204	0.	0.783	0.885	0.	0.301	1.845	2.114
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			14.187								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GATE0239

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/85-09/13/93	20	22.5	82.35	500.	1.	16538.871	128.604	2.2	5.	125.	276.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/85-09/13/93	20	1.352	1.379	2.699	0.	0.584	0.764	0.331	0.677	2.096	2.44
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			23.929								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GATE0239

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/85-09/13/93	18	15.5	35.778	170.	1.	2662.065	51.595	1.	6.25	50.	170.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/85-09/13/93	18	1.188	1.156	2.23	0.	0.435	0.659	0.	0.784	1.699	2.23
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			14.335								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0239

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/85-09/13/93	19	13.	21.053	70.	2.	346.608	18.617	4.	8.	30.	50.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/85-09/13/93	19	1.114	1.154	1.845	0.301	0.173	0.416	0.602	0.903	1.477	1.699
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			14.248								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0239

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/85-09/13/93	17	27.	48.176	240.	1.	3950.779	62.855	1.	9.	50.	152.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/85-09/13/93	17	1.431	1.33	2.38	0.	0.432	0.657	0.	0.943	1.699	2.167
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			21.366								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0239

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/85-09/13/93	19	17.	37.737	170.	1.	2470.094	49.7	2.	7.	50.	130.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/85-09/13/93	19	1.23	1.224	2.23	0.	0.372	0.61	0.301	0.845	1.699	2.114
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			16.768								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0239

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/85-09/13/93	19	11.	84.	900.	2.	43047.444	207.479	2.	2.	50.	240.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/85-09/13/93	19	1.041	1.169	2.954	0.301	0.662	0.814	0.301	0.301	1.699	2.38
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			14.766								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station GATE0239

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/85-09/13/93	18	15.5	27.333	130.	1.	1270.	35.637	1.9	3.5	32.75	85.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/85-09/13/93	18	1.188	1.06	2.114	0.	0.404	0.636	0.271	0.527	1.498	1.924
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			11.489								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0239

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/85-09/13/93	54	23.	81.407	1600.	1.	60199.331	245.356	1.75	7.	50.	150.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/85-09/13/93	54	1.362	1.259	3.204	0.	0.53	0.728	0.239	0.845	1.699	2.172
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			18.156								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0239

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/85-09/13/93	108	17.	50.384	1100.	1.	15494.096	124.475	2.	4.	47.5	130.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/85-09/13/93	108	1.23	1.165	3.041	0.	0.462	0.679	0.301	0.602	1.676	2.114
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			14.631								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0240

NPS Station ID: GATE0240
LAT/LON: 40.378060/ -73.996116
Agency: 21NJDEP1
Date Created: 08/08/81
Location: NAVESINK RIVER
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 1000800120 /1016 /SF03064
RMI-Indexes: 0133006 000020
Within Park Boundary: No
RMI-Miles: 0001.70 0001.20
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST MAJOR BASIN
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA
ECO Region:
RF1 Index: 02030104008
RF1 Mile Point: 0.880
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J.
TIDE CORRECTION (H/L): (+1:09/+1:45)
ASSOCIATED NOAA WEATHER STATION: 4987

Parameter Inventory for Station: GATE0240

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-05/10/83	53	16.	14.106	28.	0.	66.121	8.131	2.4	5.2	21.1	23.18
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-05/10/83	55	18.	17.595	31.	0.	58.053	7.619	7.2	11.	24.	28.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-05/10/83	69	6.	7.362	20.	0.	23.352	4.832	2.	3.5	10.	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-05/10/83	70	36.	104.893	2400.	1.5	87316.912	295.494	4.	9.	93.	240.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-05/10/83	70	1.556	1.487	3.38	0.176	0.469	0.685	0.602	0.954	1.968	2.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			30.678								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-05/10/83	65	15.	27.254	240.	1.5	1613.399	40.167	1.5	4.	37.5	91.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-05/10/83	65	1.176	1.069	2.38	0.176	0.354	0.595	0.176	0.602	1.574	1.959
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.729								
31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	02/05/73-10/16/78	13	4.	5.231	11.	3.	11.026	3.32	3.	3.	7.5	11.
31678	LOG FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATI	02/05/73-10/16/78	13	0.602	0.655	1.041	0.477	0.052	0.227	0.477	0.477	0.822	1.041
31678	GM FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATIO	GEOMETRIC MEAN =			4.523								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-05/10/83	71	11145.	7333.042	11600.	1000.	24359422.241	4935.527	1145.	1315.	11315.	11445.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0240

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	70	1	0.01	10	0	0.00	24	0	0.00	36	1	0.03			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	65	1	0.02	10	0	0.00	19	1	0.05	36	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0240

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-05/10/83	10	20.5	20.4	27.	12.	28.711	5.358	12.	16.5	25.25	26.9
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-05/10/83	10	5.5	6.6	15.	0.	24.489	4.949	0.1	2.5	10.5	14.7
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-05/10/83	10	7.5	10.2	23.	3.	59.956	7.743	3.	3.	16.5	22.8
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-05/10/83	10	0.866	0.88	1.362	0.477	0.131	0.363	0.477	0.477	1.213	1.358
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			7.589								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-05/10/83	10	4.	6.8	23.	1.5	49.233	7.017	1.5	2.625	10.5	22.2
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-05/10/83	10	0.602	0.66	1.362	0.176	0.155	0.393	0.176	0.402	1.01	1.343
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.576								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-05/10/83	10	11145.	8229.6	11415.	1145.	23529710.489	4850.743	1145.	1272.5	11311.25	11405.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0240

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-05/10/83	14	8.	8.143	17.	0.	17.363	4.167	2.	5.5	10.	15.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-05/10/83	23	5.	7.435	20.	0.	27.166	5.212	1.8	4.	10.	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-05/10/83	24	91.	134.125	460.	7.	17380.288	131.834	22.5	43.	150.	430.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-05/10/83	24	1.959	1.933	2.663	0.845	0.206	0.454	1.255	1.633	2.176	2.633
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			85.76								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-05/10/83	19	43.	54.895	240.	4.	3663.877	60.53	4.	9.	91.	150.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-05/10/83	19	1.633	1.477	2.38	0.602	0.277	0.526	0.602	0.954	1.959	2.176
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			29.971								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-05/10/83	25	1422.	5296.24	11600.	1000.	25215994.607	5021.553	1145.	1219.5	11222.5	11480.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0240

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-05/10/83	31	22.	20.958	31.	10.	32.355	5.688	14.	16.	25.5	28.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-05/10/83	36	7.5	7.528	20.	1.	21.799	4.669	2.	3.25	10.	12.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-05/10/83	36	23.	111.708	2400.	1.5	157506.648	396.871	3.25	7.	75.	177.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-05/10/83	36	1.362	1.358	3.38	0.176	0.496	0.704	0.474	0.845	1.875	2.237
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			22.788								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-05/10/83	36	12.	18.347	93.	1.5	437.397	20.914	1.5	2.125	23.	43.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-05/10/83	36	1.065	0.968	1.968	0.176	0.317	0.563	0.176	0.283	1.362	1.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.285								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-05/10/83	36	11175.	8498.444	11552.	1145.	20787491.625	4559.33	1194.	1415.	11345.	11461.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0241

NPS Station ID: GATE0241
LAT/LON: 40.399726/ -73.996393
Agency: 112WRD
Date Created: 02/28/78
Location: HIGHLANDS WD-SPRING
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 402359073594701
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: U
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02030104
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0241

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/29/67-05/22/75	11	15.2	14.582	17.	11.	4.798	2.19	11.12	12.	16.5	16.96
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/29/67-05/22/75	11	256.	242.455	292.	177.	1385.073	37.217	178.6	215.	273.	288.4
00400	PH (STANDARD UNITS)	09/11/73-05/22/75	4	6.25	6.325	6.7	6.1	0.069	0.263	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/11/73-05/22/75	4	6.247	6.274	6.7	6.1	0.073	0.269	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/11/73-05/22/75	4	0.566	0.531	0.794	0.2	0.063	0.252	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/29/67-05/22/75	11	48.	44.909	73.	27.	189.691	13.773	27.	30.	52.	69.2
72008	DEPTH, TOTAL OF WELL (FT BELOW LAND SURFACE DATUM)	08/29/67-05/22/75	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	03/25/68-09/25/72	6	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0241

Parameter				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Other-Hi Lim.	9.	4	0	0.00	2	0	0.00				2	0	0.00			
		Other-Lo Lim.	6.5	4	3	0.75	2	1	0.50				2	2	1.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	11	0	0.00	6	0	0.00	3	0	0.00	2	0	0.00			
		Drinking Water	250.	11	0	0.00	6	0	0.00	3	0	0.00	2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0242

NPS Station ID: GATE0242 LAT/LON: 40.469170/ -73.996393 Agency: 21NJDEP1 Date Created: 10/08/85
Location: SANDY HOOK BAY AT ARMY REC BEACH MIDDLETOWN FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/OCEAN STORET Station ID(s): L6991937170 /CCMPMC1004
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 02030104 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST MAJOR BASIN Elevation: 0 Water Body Id:
Minor Basin: NEW JERSEY COASTAL MINOR BASIN ECO Region:
RF1 Index: 02030104014 RF1 Mile Point: 0.310 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:

Parameter Inventory for Station: GATE0242

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/10/85-09/03/85	13	240.	531.	2400.	9.	709505.	842.321	11.4	68.	460.	2400.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/10/85-09/03/85	13	2.38	2.25	3.38	0.954	0.527	0.726	1.043	1.801	2.663	3.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			177.814								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/85-09/13/93	158	4.	28.427	1100.	1.	9625.206	98.108	1.	2.	13.	70.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/85-09/13/93	158	0.602	0.787	3.041	0.	0.446	0.668	0.	0.301	1.114	1.845
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			6.117								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0242

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	13	2	0.15	5	2	0.40				8	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1985 - Station GATE0242

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/85-09/13/93	13	93.	191.423	1100.	1.5	86082.91	293.399	2.5	12.	240.	756.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/85-09/13/93	13	1.968	1.755	3.041	0.176	0.719	0.848	0.346	1.065	2.38	2.777
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			56.881								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GATE0242

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/85-09/13/93	19	5.	24.263	170.	1.	1820.427	42.666	1.	1.	33.	79.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/85-09/13/93	19	0.699	0.832	2.23	0.	0.516	0.718	0.	0.	1.519	1.898
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			6.786								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GATE0242

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/85-09/13/93	16	2.	6.25	26.	1.	65.4	8.087	1.	1.	10.25	23.9
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/85-09/13/93	16	0.301	0.478	1.415	0.	0.284	0.533	0.	0.	1.007	1.378
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			3.003								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GATE0242

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/85-09/13/93	18	4.	7.889	50.	1.	129.046	11.36	1.	1.75	10.	16.7
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/85-09/13/93	18	0.602	0.628	1.699	0.	0.237	0.487	0.	0.226	0.994	1.172
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			4.243								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0242

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/85-09/13/93	19	8.	13.	50.	1.	160.667	12.675	2.	2.	22.	30.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/85-09/13/93	19	0.903	0.889	1.699	0.	0.241	0.491	0.301	0.301	1.342	1.477
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			7.752								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0242

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/85-09/13/93	17	4.	15.529	80.	1.	631.515	25.13	1.	2.	13.5	80.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/85-09/13/93	17	0.602	0.789	1.903	0.	0.346	0.589	0.	0.301	1.13	1.903
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			6.151								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0242

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/85-09/13/93	19	2.	12.263	130.	1.	874.538	29.573	1.	1.	8.	30.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/85-09/13/93	19	0.301	0.564	2.114	0.	0.348	0.59	0.	0.	0.903	1.477
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			3.668								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0242

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/85-09/13/93	19	2.	16.737	110.	2.	856.871	29.272	2.	2.	23.	70.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/85-09/13/93	19	0.301	0.738	2.041	0.301	0.378	0.615	0.301	0.301	1.362	1.845
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			5.474								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station GATE0242

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/85-09/13/93	18	4.	13.222	140.	1.	1047.948	32.372	1.	2.	8.25	41.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/85-09/13/93	18	0.602	0.647	2.146	0.	0.3	0.548	0.	0.301	0.916	1.544
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			4.441								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0242

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/85-09/13/93	50	4.	16.29	240.	1.	1369.123	37.002	1.	2.	13.	49.9
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/85-09/13/93	50	0.602	0.726	2.38	0.	0.354	0.595	0.	0.301	1.114	1.698
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			5.327								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0242

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/85-09/13/93	108	4.5	34.046	1100.	1.	13395.278	115.738	1.	2.	13.75	81.3
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/85-09/13/93	108	0.651	0.814	3.041	0.	0.49	0.7	0.	0.301	1.138	1.91
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			6.521								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0243

NPS Station ID: GATE0243 LAT/LON: 40.488337/ -73.996670 Agency: 21NJDEP1 Date Created: 06/13/81
Location: SANDY HOOK AREA FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/OCEAN STORET Station ID(s): L6995437286 /A1A /SF57011
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: Depth of Water: 20 Aquifer:
Major Basin: NORTHEAST MAJOR BASIN Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA ECO Region:
RF1 Index: RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J. TIDE CORRECTION (H/L): (-0:34/-0:45)
ASSOCIATED NOAA WEATHER STATION: 5796

Parameter Inventory for Station: GATE0243

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/30/78-11/04/93	20	8.15	10.07	22.9	0.	66.001	8.124	0.	1.3	17.075	22.75
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/30/78-11/04/93	40	18.5	16.09	28.	0.7	73.139	8.552	4.23	7.775	24.875	25.9
00035	WIND VELOCITY (MILES PER HOUR)	11/30/78-11/04/93	40	10.	9.55	15.	2.	10.613	3.258	6.	8.	11.5	15.
00480	SALINITY - PARTS PER THOUSAND	11/30/78-08/10/79	15	27.5	26.22	30.5	17.1	17.436	4.176	17.82	23.6	29.4	30.26
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/30/78-11/04/93	35	43.	318.529	2400.	1.5	441409.69	664.387	1.5	1.5	240.	1236.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	11/30/78-11/04/93	35	1.633	1.545	3.38	0.176	1.214	1.102	0.176	0.176	2.38	2.95
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			35.091								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/30/78-11/04/93	35	9.	78.671	1100.	1.5	37385.69	193.354	1.5	1.5	93.	240.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/30/78-11/04/93	35	0.954	1.083	3.041	0.176	0.793	0.891	0.176	0.176	1.968	2.38
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.113								
31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	11/30/78-08/10/79	30	9.	12.733	23.	9.	39.651	6.297	9.	9.	23.	23.
31678	LOG FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATI	11/30/78-08/10/79	30	0.954	1.063	1.362	0.954	0.034	0.183	0.954	0.954	1.362	1.362
31678	GM FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATIO	GEOMETRIC MEAN =			11.559								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	11/30/78-11/04/93	40	1515.	4630.75	11457.	0.	24239062.808	4923.318	0.	1143.75	11115.	11330.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0243

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	35	3	0.09	6	0	0.00	9	1	0.11	20	2	0.10			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	35	5	0.14	6	0	0.00	9	2	0.22	20	3	0.15			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0244

NPS Station ID: GATE0244
LAT/LON: 40.378893/ -73.997226
Agency: 21NJDEP1
Date Created: 08/08/81
Location: NAVESINK RIVER
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 100080012A /1016A /SF03063
RMI-Indexes: 0133006 000020
Within Park Boundary: No
RMI-Miles: 0001.70 0001.20
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST MAJOR BASIN
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA
ECO Region:
RF1 Index: 02030104008
RF1 Mile Point: 0.990
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J.
TIDE CORRECTION (H/L): (+1:09/+1:45)
ASSOCIATED NOAA WEATHER STATION: 4987

Parameter Inventory for Station: GATE0244

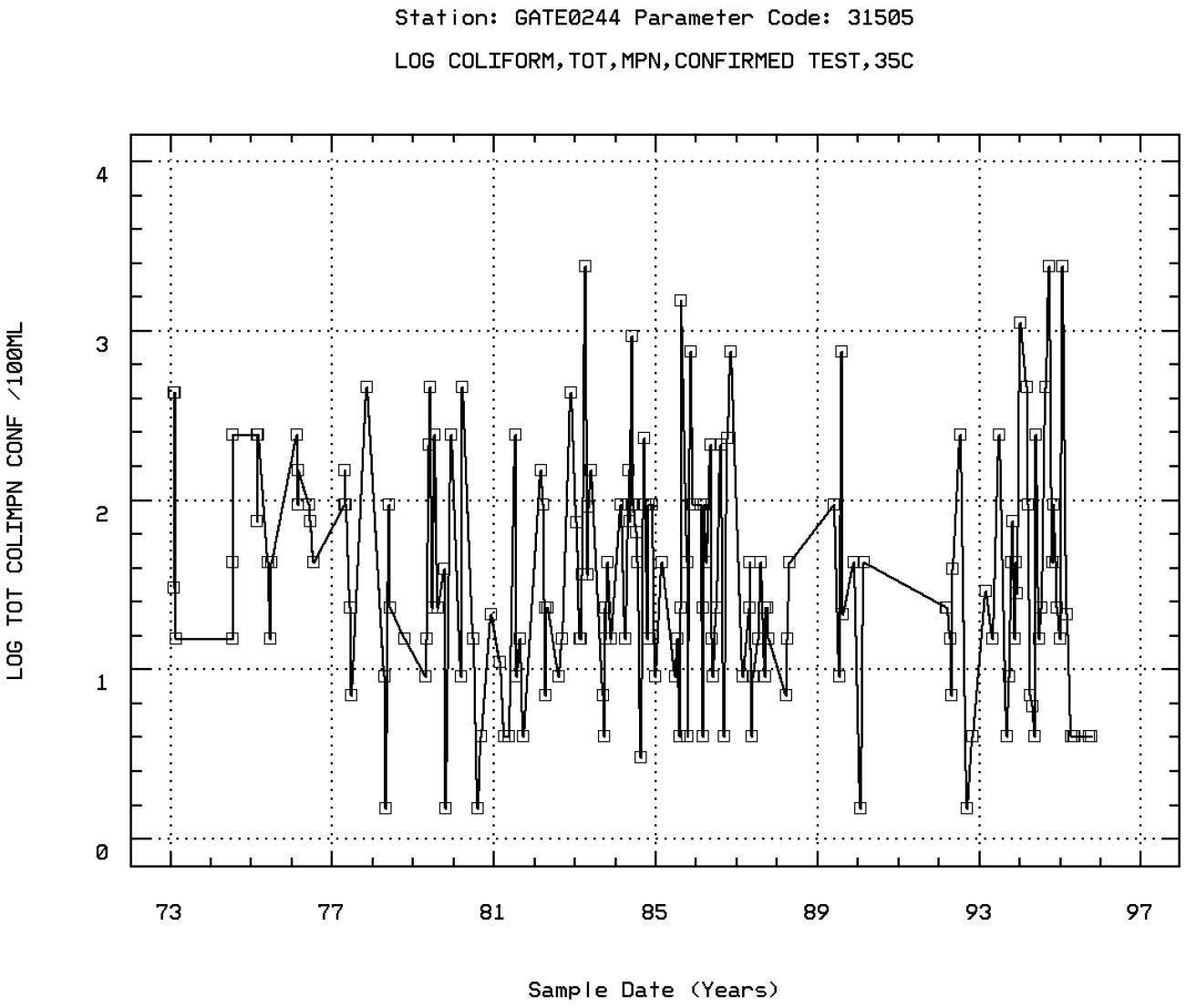
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-10/17/95	55	16.	14.393	28.	0.	66.044	8.127	2.6	6.	21.1	23.58
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	194	17.	16.468	32.	0.	61.064	7.814	6.	10.	23.	27.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	210	7.	7.348	20.	0.	22.324	4.725	1.	3.	10.	14.
00480	SALINITY - PARTS PER THOUSAND	03/20/79-04/11/95	94	19.	18.186	26.9	9.	16.259	4.032	13.	15.	21.025	23.45
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	179	23.	140.841	2400.	1.5	126656.257	355.888	4.	9.	93.	240.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	179	1.362	1.536	3.38	0.176	0.495	0.703	0.602	0.954	1.968	2.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			34.383								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	174	10.	49.333	2400.	1.5	41498.174	203.711	1.5	4.	23.	69.5
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	174	0.998	1.067	3.38	0.176	0.369	0.607	0.176	0.602	1.362	1.841
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.671								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	30	3.6	8.42	23.	1.5	59.144	7.691	1.5	3.45	9.1	23.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/88-08/08/95	30	0.556	0.758	1.362	0.176	0.15	0.388	0.176	0.537	0.959	1.362
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			5.734								
31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	02/05/73-10/16/78	13	4.	5.231	11.	3.	11.026	3.32	3.	3.	7.5	11.
31678	LOG FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATI	02/05/73-10/16/78	13	0.602	0.655	1.041	0.477	0.052	0.227	0.477	0.477	0.822	1.041
31678	GM FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATIO	GEOMETRIC MEAN =			4.523								
70211p	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	212	11122.	6859.552	11653.	1000.	24805421.689	4980.504	1202.7	1327.	11303.5	11444.7

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

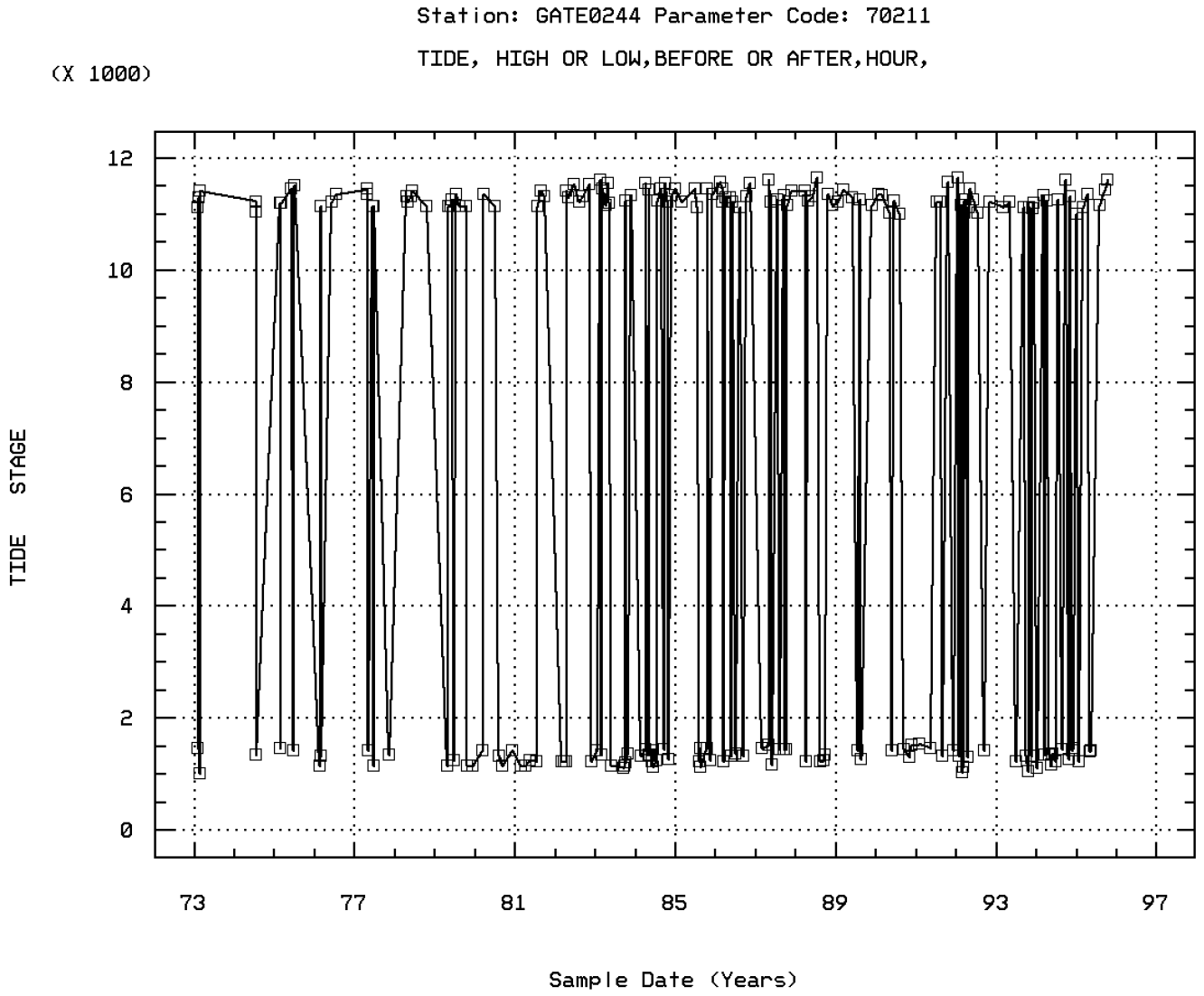
EPA Water Quality Criteria Analysis for Station: GATE0244

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	179	5	0.03	45	2	0.04	57	2	0.04	77	1	0.01			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	174	9	0.05	45	3	0.07	52	4	0.08	77	2	0.03			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



NAVESINK RIVER



NAVESINK RIVER

Annual Analysis for 1973 - Station GATE0244

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	5	4.	3.6	6.	0.	5.3	2.302	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	5	30.	184.	430.	15.	50467.5	224.65	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	5	1.477	1.819	2.633	1.176	0.568	0.753	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			65.955								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	5	11115.	7255.	11415.	1000.	30362087.5	5510.18	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station GATE0244

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	3	10.	8.333	10.	5.	8.333	2.887	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	3	43.	99.333	240.	15.	15036.333	122.623	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	3	1.633	1.73	2.38	1.176	0.369	0.608	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			53.694								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	3	15.	86.	240.	3.	17823.	133.503	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	3	1.176	1.344	2.38	0.477	0.927	0.963	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			22.104								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	3	11045.	7863.333	11215.	1330.	32020558.333	5658.671	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GATE0244

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	6	17.5	15.	20.	5.	40.	6.325	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	6	59.	109.333	240.	15.	10605.067	102.981	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	6	1.754	1.846	2.38	1.176	0.222	0.471	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			70.213								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	6	23.	20.833	43.	4.	185.767	13.63	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	6	1.362	1.212	1.633	0.602	0.137	0.37	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			16.311								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	6	11200.	8034.167	11500.	1415.	26184254.167	5117.055	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station GATE0244

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	3	27.2	26.9	28.	25.5	1.63	1.277	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	4	4.5	3.75	5.	1.	3.583	1.893	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	6	93.	115.667	240.	43.	4919.867	70.142	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	6	1.968	2.	2.38	1.633	0.066	0.256	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			100.069								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	6	43.	69.167	240.	23.	7100.167	84.262	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	6	1.633	1.667	2.38	1.362	0.14	0.374	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			46.488								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	5	11130.	7230.	11345.	1145.	30009475.	5478.09	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GATE0244

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	7	18.	19.	28.	10.	78.333	8.851	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	6	4.	4.333	10.	1.	10.267	3.204	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	7	93.	119.	460.	7.	25483.	159.634	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	7	1.968	1.69	2.663	0.845	0.479	0.692	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			48.941								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	7	7.	22.429	93.	3.	1045.952	32.341	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	7	0.845	1.031	1.968	0.477	0.301	0.549	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.744								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	7	11145.	6997.857	11445.	1145.	28408557.143	5329.968	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GATE0244

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	5	16.	17.8	24.	12.	25.2	5.02	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	5	5.	5.6	10.	0.	14.3	3.782	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	5	15.	28.3	93.	1.5	1370.45	37.02	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	5	1.176	1.127	1.968	0.176	0.425	0.652	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			13.407								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	5	9.	13.3	43.	1.5	286.2	16.917	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	5	0.954	0.864	1.633	0.176	0.288	0.536	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.312								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	5	11315.	11281.	11415.	11145.	10780.	103.827	**	**	**	**

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Annual Analysis for 1979 - Station GATE0244

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	12	23.	20.	28.	4.	47.818	6.915	6.4	15.	24.75	27.1
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	10	7.5	7.	12.	2.	17.111	4.137	2.1	3.	10.5	12.
00480	SALINITY - PARTS PER THOUSAND	03/20/79-04/11/95	9	20.9	19.778	22.4	14.2	8.504	2.916	14.2	17.25	22.	22.4
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	10	31.	126.05	460.	1.5	23877.914	154.525	2.25	13.5	240.	438.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	10	1.476	1.637	2.663	0.176	0.621	0.788	0.254	1.121	2.38	2.635
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			43.315								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	10	19.	43.55	240.	1.5	5274.914	72.629	1.75	4.	51.	223.5
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	10	1.269	1.201	2.38	0.176	0.442	0.665	0.219	0.602	1.694	2.33
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			15.899								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	10	11145.	7185.	11345.	1145.	26804888.889	5177.344	1145.	1145.	11170.	11335.

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Annual Analysis for 1980 - Station GATE0244

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	6	14.	15.5	27.	6.	77.5	8.803	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	6	6.5	6.5	10.	4.	5.5	2.345	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	03/20/79-04/11/95	6	23.95	23.45	26.9	16.9	11.647	3.413	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	6	12.	85.083	460.	1.5	33786.042	183.81	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	6	1.065	1.149	2.663	0.176	0.721	0.849	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			14.09								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	6	4.	7.25	15.	1.5	36.975	6.081	**	**	**	**

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Annual Analysis for 1980 - Station GATE0244

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	6	0.602	0.722	1.176	0.176	0.151	0.388	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.277								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	6	1415.	4630.	11345.	1145.	26268670.	5125.297	**	**	**	**

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Annual Analysis for 1981 - Station GATE0244

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	7	20.	21.	31.	10.	41.667	6.455	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	7	10.	9.714	15.	3.	20.571	4.536	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	03/20/79-04/11/95	6	20.1	19.983	22.	17.5	2.258	1.503	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	7	9.	41.	240.	4.	7718.	87.852	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	7	0.954	1.051	2.38	0.602	0.399	0.632	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			11.25								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	7	3.	4.357	15.	1.5	23.31	4.828	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	7	0.477	0.484	1.176	0.176	0.132	0.363	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.045								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	7	1245.	5517.857	11415.	1145.	29177257.143	5401.598	**	**	**	**

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Annual Analysis for 1982 - Station GATE0244

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	10	15.5	15.8	26.	4.	43.956	6.63	4.4	11.75	21.25	25.6
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	10	5.5	6.4	15.	1.	18.711	4.326	1.2	3.	10.	14.5
00480	SALINITY - PARTS PER THOUSAND	03/20/79-04/11/95	10	19.	18.4	22.	15.	4.933	2.221	15.1	16.	19.5	21.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	8	23.	93.75	430.	7.	21021.357	144.987	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	8	1.362	1.56	2.633	0.845	0.4	0.633	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			36.276								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	8	7.	69.438	430.	1.5	22169.96	148.896	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	8	0.845	1.078	2.633	0.176	0.658	0.811	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.976								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	10	11260.	7319.	11533.	1216.	27549574.	5248.769	1216.	1224.25	11441.25	11532.3

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Annual Analysis for 1983 - Station GATE0244

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	14	15.5	13.429	22.	0.	45.802	6.768	2.5	7.5	18.75	21.5
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	14	11.	9.786	15.	1.	27.874	5.28	1.	5.75	15.	15.
00480	SALINITY - PARTS PER THOUSAND	03/20/79-04/11/95	14	15.	17.393	25.	9.	30.391	5.513	9.25	14.	23.25	24.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	14	29.5	208.786	2400.	4.	399366.489	631.954	5.5	15.	77.5	1275.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	14	1.459	1.546	3.38	0.602	0.462	0.68	0.724	1.176	1.887	2.778
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			35.121								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	14	15.	17.214	36.	4.	81.72	9.04	5.5	15.	17.	36.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	14	1.176	1.179	1.556	0.602	0.059	0.242	0.724	1.176	1.223	1.556
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			15.102								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	14	6287.	6302.214	11602.	1100.	27592786.181	5252.884	1116.5	1187.25	11363.75	11578.

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Annual Analysis for 1984 - Station GATE0244

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	17	19.	18.235	31.	2.	66.566	8.159	6.8	12.	25.	29.4
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	17	9.	8.235	15.	1.	21.191	4.603	1.8	3.5	12.	15.
00480	SALINITY - PARTS PER THOUSAND	03/20/79-04/11/95	17	16.5	17.235	23.	10.	15.347	3.918	10.8	14.5	21.	22.2
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	16	93.	136.	930.	3.	47795.733	218.622	11.4	48.25	93.	440.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	16	1.968	1.839	2.968	0.477	0.304	0.551	0.966	1.677	1.968	2.544
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			69.081								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	16	12.	42.719	430.	1.5	10974.399	104.759	3.25	4.	35.	173.8
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	16	1.065	1.103	2.633	0.176	0.373	0.611	0.474	0.602	1.534	2.054
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.678								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	17	1432.	5462.176	11554.	1129.	26197137.529	5118.314	1194.6	1281.	11387.	11553.2

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Annual Analysis for 1985 - Station GATE0244

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	11	18.	19.273	32.	7.	58.418	7.643	7.8	12.	26.	30.8
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	11	3.	4.909	15.	2.	17.491	4.182	2.	2.	8.	13.8
00480	SALINITY - PARTS PER THOUSAND	03/20/79-04/11/95	6	18.75	17.833	20.5	13.	8.267	2.875	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	11	23.	226.636	1500.	4.	226079.055	475.478	4.	9.	93.	1350.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	11	1.362	1.54	3.176	0.602	0.727	0.853	0.602	0.954	1.968	3.116
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			34.652								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	11	15.	97.409	750.	1.5	50423.441	224.552	2.	4.	23.	642.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	11	1.176	1.25	2.875	0.176	0.6	0.775	0.261	0.602	1.362	2.764
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			17.773								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	11	11122.	6772.273	11444.	1114.	27531262.418	5247.024	1133.4	1236.	11443.	11444.

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Annual Analysis for 1986 - Station GATE0244

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	13	19.	16.	29.	5.	74.167	8.612	5.4	6.5	22.5	28.2
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	13	4.	5.538	14.	1.	17.603	4.196	1.	2.5	9.	13.2
00480	SALINITY - PARTS PER THOUSAND	03/20/79-04/11/95	13	16.	15.538	22.	9.	13.269	3.643	9.8	13.	18.5	20.8
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	13	43.	131.308	750.	4.	41666.731	204.124	4.	12.	210.	542.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	13	1.633	1.655	2.875	0.602	0.515	0.718	0.602	1.065	2.322	2.67
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			45.142								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	13	15.	28.962	150.	1.5	1731.561	41.612	1.5	2.75	31.	120.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	13	1.176	1.079	2.176	0.176	0.42	0.648	0.176	0.389	1.476	2.056
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	13	11212.	8246.385	11558.	1213.	23257295.923	4822.582	1251.4	1336.5	11383.	11551.6

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Annual Analysis for 1987 - Station GATE0244

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	8	13.	13.	22.	7.	24.571	4.957	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	12	5.	6.667	15.	1.	27.697	5.263	1.	1.25	11.5	14.7
00480	SALINITY - PARTS PER THOUSAND	03/20/79-04/11/95	8	19.5	18.875	24.	11.	15.554	3.944	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	11	15.	19.636	43.	4.	175.255	13.238	5.	9.	23.	43.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	11	1.176	1.197	1.633	0.602	0.099	0.315	0.672	0.954	1.362	1.633

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Annual Analysis for 1987 - Station GATE0244

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			15.747								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	11	15.	16.091	43.	4.	131.291	11.458	4.	9.	23.	39.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	11	1.176	1.103	1.633	0.602	0.106	0.326	0.602	0.954	1.362	1.579
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.689								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	12	6331.	6367.	11610.	1155.	26888338.545	5185.397	1236.9	1431.5	11317.	11549.1

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Annual Analysis for 1988 - Station GATE0244

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	10	14.5	15.	26.	6.	42.	6.481	6.3	9.75	19.	25.9
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	10	6.	5.7	10.	0.	7.789	2.791	0.3	4.5	8.	9.8
00480	SALINITY - PARTS PER THOUSAND	03/20/79-04/11/95	4	17.75	16.875	19.	13.	7.396	2.72	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	3	15.	21.667	43.	7.	357.333	18.903	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	3	1.176	1.218	1.633	0.845	0.157	0.396	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			16.528								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	3	4.	3.167	4.	1.5	2.083	1.443	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	3	0.602	0.46	0.602	0.176	0.06	0.246	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.884								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	10	11192.5	7313.4	11653.	1227.	27183547.378	5213.784	1227.1	1235.5	11363.5	11628.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0244

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	7	21.	19.571	28.	5.	74.619	8.638	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	7	5.	6.286	15.	1.	25.905	5.09	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	5	43.	183.2	750.	9.	101427.2	318.476	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	5	1.633	1.751	2.875	0.954	0.536	0.732	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			56.324								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	5	23.	167.	750.	4.	106418.5	326.218	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	5	1.362	1.53	2.875	0.602	0.709	0.842	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			33.86								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	7	11217.	8431.714	11430.	1252.	23499294.905	4847.607	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0244

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	9	19.	16.556	25.	5.	53.778	7.333	5.	8.5	22.5	25.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	9	10.	9.778	15.	4.	17.194	4.147	4.	6.	14.5	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	2 ##	22.25	22.25	43.	1.5	861.125	29.345	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	2 ##	0.905	0.905	1.633	0.176	1.062	1.031	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			8.031								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	2 ##	12.25	12.25	23.	1.5	231.125	15.203	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	2 ##	0.769	0.769	1.362	0.176	0.703	0.838	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.874								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	9	11000.	6841.222	11344.	1302.	26531032.944	5150.828	1302.	1420.	11281.5	11344.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0244

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	7	24.	20.286	30.	6.	88.905	9.429	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	7	8.	7.857	14.	1.	17.143	4.14	**	**	**	**
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	7	1525.	5670.143	11558.	1326.	27990669.143	5290.621	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0244

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	14	9.5	12.571	29.	3.	65.187	8.074	4.	6.	19.25	26.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	14	7.5	7.214	15.	1.	21.72	4.66	1.	2.	10.5	14.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	8	19.	44.063	240.	1.5	6419.888	80.124	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	8	1.269	1.187	2.38	0.176	0.447	0.669	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			15.373								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	8	4.	7.313	23.	1.5	47.067	6.861	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	8	0.602	0.732	1.362	0.176	0.125	0.353	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.393								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	14	11072.	7664.286	11638.	1015.	24757368.066	4975.678	1069.5	1320.5	11255.25	11544.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station GATE0244

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	10	13.5	15.2	32.	5.	63.511	7.969	5.4	9.	20.25	31.2
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	10	5.5	6.2	14.	1.	16.622	4.077	1.2	3.	8.25	13.8
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	10	28.5	50.1	240.	4.	4888.322	69.917	4.5	13.5	51.	223.5
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	10	1.455	1.434	2.38	0.602	0.247	0.497	0.637	1.121	1.694	2.33
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			27.166								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	10	9.	18.55	93.	1.5	744.803	27.291	1.75	4.	23.	86.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	10	0.954	0.976	1.968	0.176	0.265	0.515	0.219	0.602	1.362	1.908
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.46								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	10	11111.	7177.	11215.	1041.	26277407.111	5126.149	1057.8	1290.	11143.	11213.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station GATE0244

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	15	15.	14.533	27.	0.	61.981	7.873	3.	7.	20.	27.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	15	10.	7.6	14.	1.	29.971	5.475	1.	1.	14.	14.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	15	43.	334.	2400.	4.	414274.286	643.641	5.2	15.	460.	1620.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	15	1.633	1.83	3.38	0.602	0.723	0.85	0.708	1.176	2.663	3.177
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			67.672								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	15	7.	183.233	2400.	1.5	377040.745	614.036	2.4	4.	43.	1015.8
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	15	0.845	1.179	3.38	0.176	0.715	0.845	0.357	0.602	1.633	2.533
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			15.115								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	15	1413.	4653.133	11613.	1101.	24034418.41	4902.491	1131.	1253.	11258.	11449.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station GATE0244

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	9	13.	12.	24.	1.	70.25	8.382	1.	2.5	19.	24.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	9	10.	10.667	14.	2.	14.	3.742	2.	10.	14.	14.
00480	SALINITY - PARTS PER THOUSAND	03/20/79-04/11/95	1	22.9	22.9	22.9	22.9	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	8	4.	307.	2400.	4.	715250.571	845.725	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	8	0.602	1.111	3.38	0.602	0.928	0.963	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			12.915								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	8	4.	10.813	39.	1.5	157.424	12.547	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	8	0.602	0.816	1.591	0.176	0.208	0.456	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.546								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	9	11108.	7966.111	11601.	1224.	24691697.861	4969.074	1224.	1406.	11395.	11601.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0244

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	52	20.	20.135	32.	11.	29.021	5.387	12.	16.	24.	27.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	55	6.	6.727	15.	0.	21.387	4.625	1.	3.	10.	14.4
00480	SALINITY - PARTS PER THOUSAND	03/20/79-04/11/95	27	21.	21.37	26.9	16.	5.918	2.433	18.4	19.5	23.	25.02
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	45	15.	146.633	2400.	1.5	181932.198	426.535	3.6	4.	43.	322.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	45	1.176	1.334	3.38	0.176	0.61	0.781	0.552	0.602	1.633	2.482
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			21.577								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	45	9.	88.733	2400.	1.5	137492.655	370.8	1.5	4.	23.	115.8
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	45	0.954	1.009	3.38	0.176	0.489	0.699	0.176	0.602	1.362	2.052
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.198								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	10	3.6	8.07	23.	1.5	66.887	8.178	1.65	3.	12.575	23.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/88-08/08/95	10	0.556	0.735	1.362	0.176	0.155	0.393	0.206	0.477	1.06	1.362
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			5.426								
70211p	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	55	1455.	6202.436	11613.	1041.	25477425.325	5047.517	1147.4	1315.	11246.	11444.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0244

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	61	7.	8.148	24.	0.	20.828	4.564	3.	5.	10.	14.8
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	69	8.	8.232	20.	0.	24.21	4.92	1.	4.	13.	15.
00480	SALINITY - PARTS PER THOUSAND	03/20/79-04/11/95	28	17.25	17.239	24.	9.	14.857	3.855	12.8	14.25	20.125	23.9
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	57	43.	185.026	2400.	1.5	137775.022	371.181	9.	15.	195.	460.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	57	1.633	1.754	3.38	0.176	0.466	0.682	0.954	1.176	2.278	2.663
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			56.695								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	52	15.	51.606	750.	1.5	15125.199	122.985	1.95	4.	23.	93.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	52	1.176	1.205	2.875	0.176	0.387	0.622	0.266	0.602	1.362	1.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			16.039								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	12	5.45	9.108	23.	1.5	70.432	8.392	1.5	3.15	18.025	23.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/88-08/08/95	12	0.71	0.777	1.362	0.176	0.183	0.428	0.176	0.497	1.231	1.362
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			5.986								
70211p	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	71	11108.	6790.746	11638.	1000.	25135737.163	5013.555	1158.6	1325.	11334.	11448.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

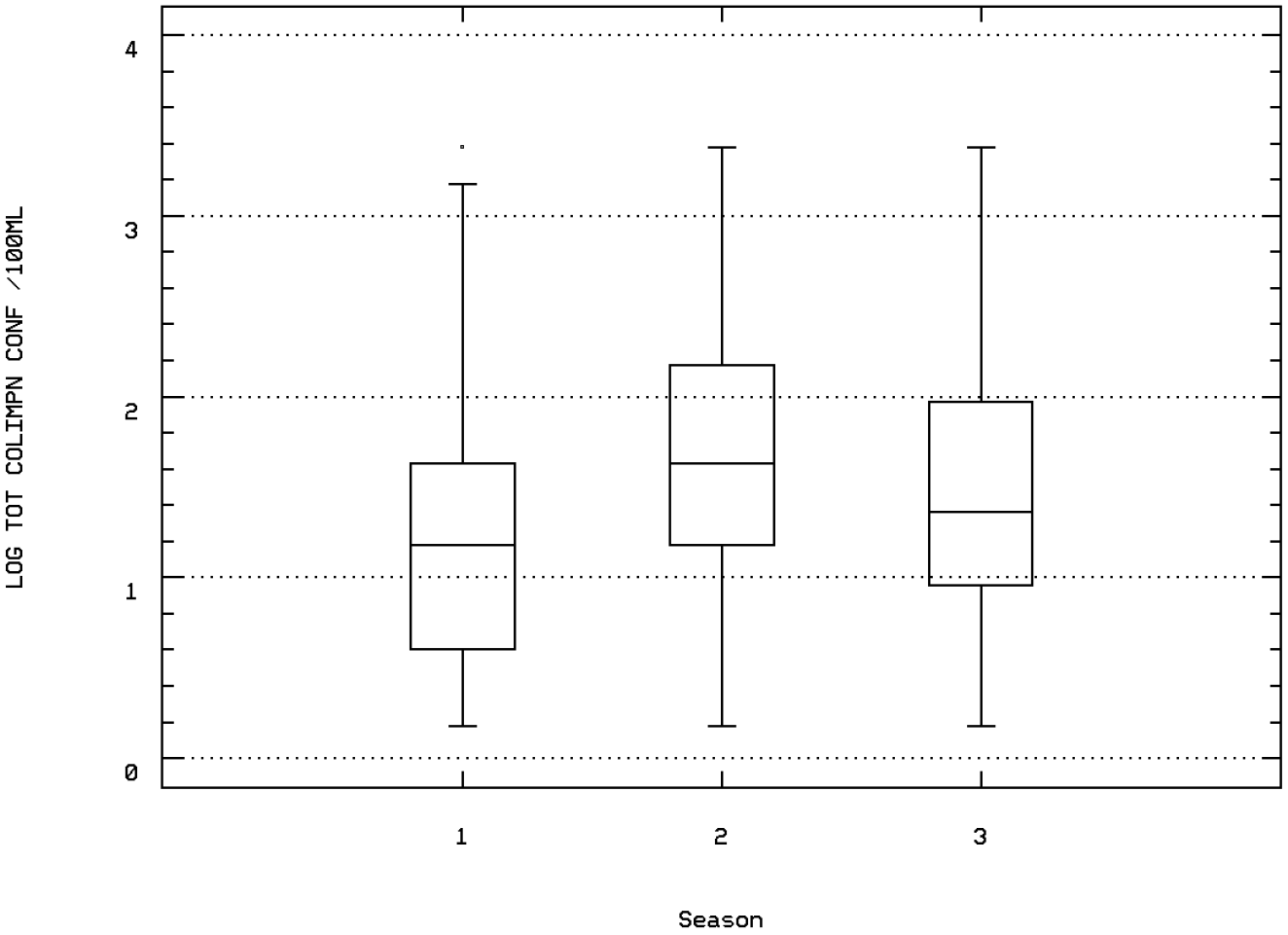
Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0244

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	81	21.	20.379	32.	8.	36.181	6.015	12.	15.	26.	28.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	86	6.	7.035	20.	0.	20.952	4.577	1.7	3.	10.	14.
00480	SALINITY - PARTS PER THOUSAND	03/20/79-04/11/95	39	16.	16.662	24.	9.	14.935	3.865	11.	14.	19.	22.
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	77	23.	104.747	2400.	1.5	86990.623	294.942	4.	9.	93.	240.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	77	1.362	1.494	3.38	0.176	0.401	0.633	0.602	0.954	1.968	2.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			31.176								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	77	9.	24.773	430.	1.5	3178.28	56.376	3.	4.	23.	43.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	77	0.954	1.008	2.633	0.176	0.278	0.527	0.477	0.602	1.362	1.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.189								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	8	6.35	7.825	23.	1.5	46.959	6.853	**	**	**	**
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/88-08/08/95	8	0.758	0.76	1.362	0.176	0.135	0.368	**	**	**	**
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			5.761								
70211p	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	86	11145.	7336.605	11653.	1129.	24176522.501	4916.963	1210.4	1342.	11302.	11445.

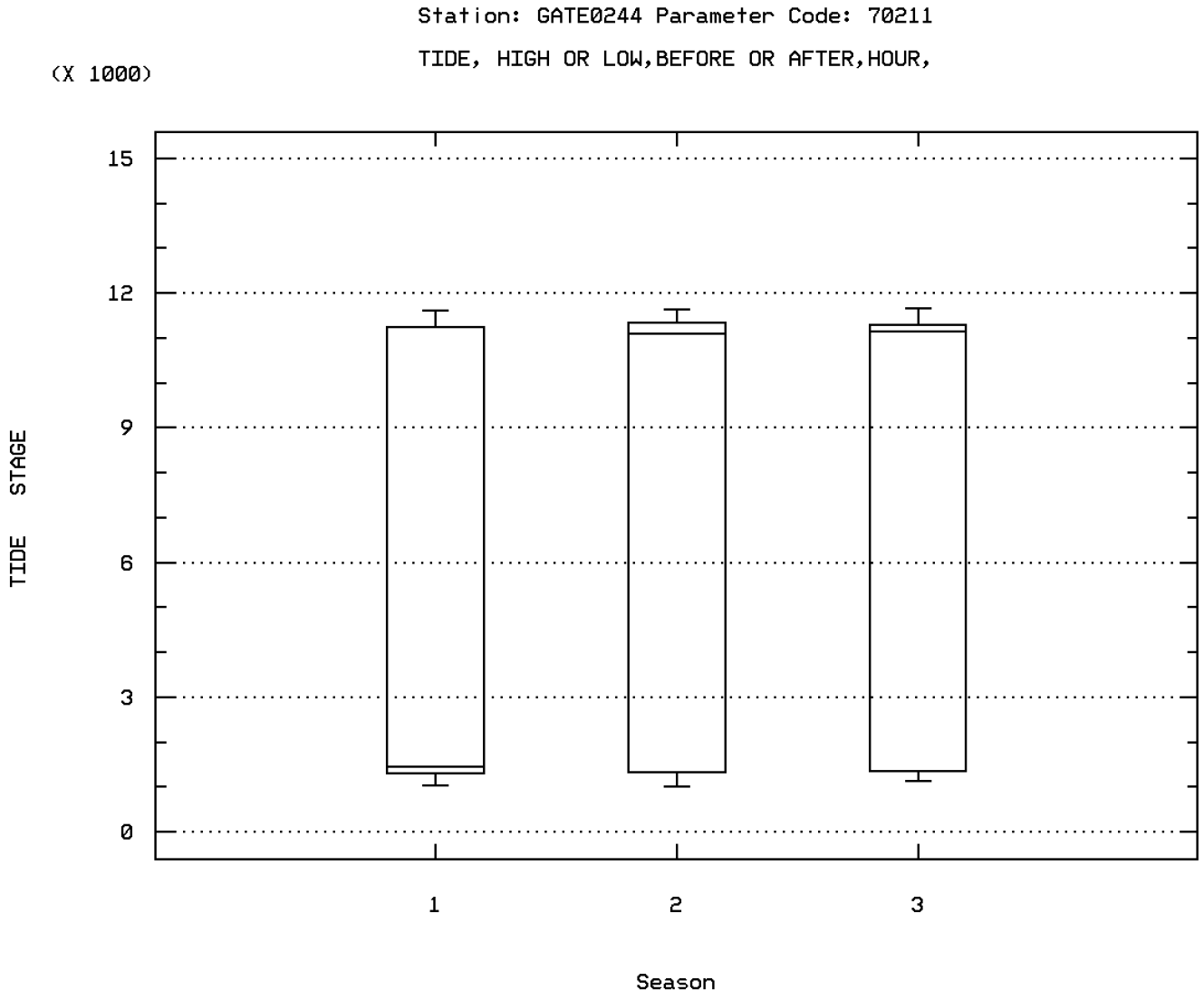
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: GATE0244 Parameter Code: 31505

LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C



NAVESINK RIVER



NAVESINK RIVER

Station Inventory for Station: GATE0245

NPS Station ID: GATE0245 LAT/LON: 40.378893/ -73.997226 Agency: 21NJDEP1 Date Created: 08/08/81
Location: NAVESINK RIVER FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): 1000800115 /1017B /SF03055
RMI-Indexes: 0133006 000020 Within Park Boundary: No
RMI-Miles: 0001.70 0001.15
HUC: 02030104 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST MAJOR BASIN Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA ECO Region:
RF1 Index: 02030104008 RF1 Mile Point: 0.990 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J. TIDE CORRECTION (H/L): (+1:09/+1:45)
ASSOCIATED NOAA WEATHER STATION: 4987

Parameter Inventory for Station: GATE0245

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-02/28/73	5	1.7	1.78	3.3	0.	2.297	1.516	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-02/28/73	5	4.	3.6	6.	0.	5.3	2.302	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-02/28/73	5	36.	153.6	430.	36.	30930.8	175.872	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-02/28/73	5	1.556	1.933	2.633	1.556	0.275	0.524	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			85.668								
31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	02/05/73-02/28/73	5	3.	3.	3.	3.	0.	0.	**	**	**	**
31678	LOG FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATI	02/05/73-02/28/73	5	0.477	0.477	0.477	0.477	0.	0.	**	**	**	**
31678	GM FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATIO	GEOMETRIC MEAN =			3.								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-02/28/73	5	11115.	7255.	11415.	1000.	30362087.5	5510.18	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0245

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	5	0	0.00				5	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0246

NPS Station ID: GATE0246
LAT/LON: 40.469170/ -73.997226
Agency: 21NJDEP1
Date Created: 11/01/80
Location: ATLANTIC OCEAN SANDY HOOK NORTH BEACH
FIPS State/County: 34991 NEW JERSEY/
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): L6992337171 /RT060
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST MAJOR BASIN
Elevation: 0
Water Body Id:
Minor Basin: NEW JERSEY COASTAL MINOR BASIN
ECO Region:
RF1 Index: 02030104014
RF1 Mile Point: 0.310
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0246

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/13/76-04/23/79	53	20.	16.938	25.	2.	43.046	6.561	4.2	13.5	22.	23.3
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/13/76-04/23/79	50	22.	20.296	32.	0.	79.339	8.907	1.5	16.5	26.175	30.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/13/76-04/23/79	54	10.	19.926	200.	1.	1075.202	32.79	3.5	7.	15.	55.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/13/76-03/27/79	2	28.5	28.5	36.	21.	112.5	10.607	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	04/13/76-04/23/79	55	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/13/76-04/23/79	52	8.4	8.704	12.2	6.7	2.178	1.476	7.03	7.6	9.9	11.08
00300	OXYGEN, DISSOLVED MG/L	04/13/76-04/23/79	55	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00310	BOD, 5 DAY, 20 DEG C MG/L	04/13/76-03/27/79	48	2.	2.745	11.	0.25	3.61	1.9	1.	2.	3.	4.1
00312	BOD, 6 DAY, 20 DEG C MG/L	04/13/76-04/23/79	55	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00315	BOD, 7 DAY, 20 DEG C MG/L	04/13/76-04/23/79	55	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00400	PH (STANDARD UNITS)	04/13/76-04/23/79	55	8.	7.987	8.5	7.3	0.046	0.215	7.7	7.9	8.1	8.24
00400	CONVERTED PH (STANDARD UNITS)	04/13/76-04/23/79	55	8.	7.931	8.5	7.3	0.05	0.223	7.7	7.9	8.1	8.24
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/13/76-04/23/79	55	0.01	0.012	0.05	0.003	0.	0.007	0.006	0.008	0.013	0.02
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/13/76-04/23/79	54	113.	113.259	145.	97.	73.403	8.568	103.	107.75	116.25	121.5
00480	SALINITY - PARTS PER THOUSAND	04/13/76-04/23/79	34	24.7	26.703	96.6	15.5	188.027	13.712	16.	21.5	28.5	35.95
00510	RESIDUE, TOTAL FIXED (MG/L)	01/31/78-01/31/78	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/13/76-04/23/79	55 ##	0.5	0.614	2.2	0.03	0.214	0.463	0.05	0.5	0.97	1.4
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/13/76-04/23/79	55	0.02	0.024	0.075	0.002	0.	0.015	0.01	0.012	0.033	0.046
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/13/76-04/23/79	54	0.24	0.32	3.	0.07	0.166	0.407	0.103	0.16	0.353	0.505
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/13/76-04/23/79	54	0.14	0.175	1.3	0.005	0.033	0.182	0.045	0.1	0.213	0.24
00940	CHLORIDE,TOTAL IN WATER MG/L	04/13/76-04/23/79	52	16875.	17855.769	25500.	12500.	10745946.456	3278.101	14150.	15125.	20000.	23350.
00956	SILICA, TOTAL (MG/L AS SI02)	01/31/79-04/23/79	3	0.	0.333	1.	0.	0.333	0.577	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/13/76-04/23/79	54	50.	629.63	24000.	10.	10667686.653	3266.142	10.	20.	140.	490.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/13/76-04/23/79	54	1.699	1.791	4.38	1.	0.529	0.727	1.	1.301	2.146	2.69
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			61.871								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/13/76-04/23/79	54 ##	10.	45.593	790.	2.	14602.925	120.843	10.	10.	20.	65.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/13/76-04/23/79	54 ##	1.	1.256	2.898	0.301	0.2	0.447	1.	1.	1.301	1.801
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			18.012								
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	04/13/76-04/23/79	54	2.	26.296	350.	1.	4914.099	70.101	1.	1.	17.	74.5
31677	LOG FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678	04/13/76-04/23/79	54	0.301	0.676	2.544	0.	0.526	0.726	0.	0.	1.23	1.871
31677	GM FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	GEOMETRIC MEAN =			4.739								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	01/11/77-12/13/77	20	11080.	8188.25	11445.	1030.	22299648.092	4722.25	1030.	1333.75	11282.5	11394.5
82028	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI(CAL)	04/13/76-04/23/79	29	10.	6.779	25.	0.3	29.295	5.412	0.5	2.	10.	10.
82028	LOG RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI(	04/13/76-04/23/79	29	1.	0.615	1.398	-0.523	0.281	0.53	-0.301	0.301	1.	1.
82028	GM RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI(C	GEOMETRIC MEAN =			4.123								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0246

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	54	6	0.11	20	1	0.05	11	4	0.36	23	1	0.04			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	52	0	0.00	19	0	0.00	11	0	0.00	22	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	55	55	1.00	20	20	1.00	11	11	1.00	24	24	1.00			
00400	PH	Other-Hi Lim.	8.5	55	1	0.02	20	0	0.00	11	0	0.00	24	1	0.04			
		Other-Lo Lim.	6.5	55	0	0.00	20	0	0.00	11	0	0.00	24	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	54	4	0.07	20	0	0.00	11	3	0.27	23	1	0.04			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	54	3	0.06	20	0	0.00	11	2	0.18	23	1	0.04			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0247

NPS Station ID: GATE0247 LAT/LON: 40.468060/ -73.997226 Agency: 11NYBGHT Date Created: 04/06/96
Location: NEW JERSEY BEACHES- SANDY HOOK PARKING AREA FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/OCEAN/NRSHRE/NET STORET Station ID(s): JC01A /JC1A /JC-1A
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 02030104 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST Elevation: 0 Water Body Id:
Minor Basin: ATLANTIC OCEAN ECO Region:
RF1 Index: 02030104014 RF1 Mile Point: 0.310 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:
ATLANTIC OCEAN- NEW YORK BIGHT SURVEILLANCE NETWORK(CURRENT) NORTH OF YELLOW CONCRETE BLOCK BUILDING AT BEACH PARKING AREA.
ACCESS IS VIA DIRT ROAD (ABOUT 100 YARDS SOUTH OF LARGE WHITE TANK) WHICH GOES EAST FROM PAVED ROAD CLOSEST TO ATLANTIC
SHORE LINE. ABOUT 1 MILE NORTH OF JC02.

Parameter Inventory for Station: GATE0247

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	05/24/95-08/28/96	26	0.	1.154	9.	0.	4.135	2.034	0.	0.	2.	4.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	05/24/95-08/28/96	26	0.	0.136	0.954	0.	0.066	0.257	0.	0.	0.301	0.602
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.368								
31649	ENTEROCOCCI- ME-MF N0/100ML	05/24/95-08/28/96	25	0.	0.84	4.	0.	2.307	1.519	0.	0.	1.5	4.
31649	LOG ENTEROCOCCI- ME-MF N0/1	05/24/95-08/28/96	25	0.	0.12	0.602	0.	0.053	0.23	0.	0.	0.151	0.602
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.32								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0247

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	26	0	0.00	9	0	0.00				17	0	0.00			
31649	ENTEROCOCCI, ME, MF	Other-Hi Lim.	33.	25	0	0.00	9	0	0.00				16	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0248

NPS Station ID: GATE0248 LAT/LON: 40.468060/ -73.997226 Agency: 1111H030 Date Created: / /
Location: NEW JERSEY BEACHES FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/OCEAN STORET Station ID(s): JC01A /JC1A
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 02030104 Depth of Water: 0 Aquifer:
Major Basin: ATLANTIC OCEAN Elevation: 0 Water Body Id:
Minor Basin: JERSEY COAST-SANDY HOOK PARKING AREA ECO Region:
RF1 Index: 02030104014 RF1 Mile Point: 0.310 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:
NORTH OF YELLOW CONCRETE BLOCK BUILDING AT BEACH PARKING AREA. ACCESS IS VIA DIRT ROAD (ABOUT 100 YARDS SOUTH OF LARGE WHITE TANK) WHICH GOES EAST FROM PAVED ROAD CLOSEST TO ATLANTIC SHORE LINE. ABOUT 1 MILE NORTH OF JC02.

Parameter Inventory for Station: GATE0248

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/08/74-09/30/81	148	15.5	76.986	1600.	0.	31061.592	176.243	2.	5.	83.	184.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/08/74-09/30/81	148	1.19	1.29	3.204	0.	0.539	0.734	0.301	0.699	1.919	2.266
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			19.504								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-08/31/94	318	1.	4.722	204.	0.	261.04	16.157	0.	0.	3.	12.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-08/31/94	318	0.	0.283	2.31	-0.301	0.217	0.466	0.	0.	0.477	1.079
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.918								
31649	ENTEROCOCCI- ME-MF N0/100ML	08/05/84-08/31/94	129	0.	0.806	20.	0.	5.376	2.319	0.	0.	1.	2.
31649	LOG ENTEROCOCCI- ME-MF N0/1	08/05/84-08/31/94	129	0.	0.078	1.301	0.	0.049	0.222	0.	0.	0.	0.301
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.198								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/20/77-08/20/77	1	2.	2.	2.	2.	0.	0.	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/20/77-08/20/77	1	0.301	0.301	0.301	0.301	0.	0.	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			2.								
71203	SALMONELLA BALSTON FILTRATION 1=PRESENT,O=ABSENT	07/31/79-07/31/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71203	LOG SALMONELLA BALSTON FILTRATION 1=PRESENT,O=ABSE	07/31/79-07/31/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71203	GM SALMONELLA BALSTON FILTRATION 1=PRESENT,O=ABSEN	GEOMETRIC MEAN =			1.								
71220	PSEUDOMONAS AERUGINOSA,MF IN WATER,MPA MED,/100ML	07/31/79-08/21/91	6	0.	0.667	2.	0.	1.067	1.033	**	**	**	**
71220	LOG PSEUDOMONAS AERUGINOSA,MF IN WATER,MPA MED,/10	07/31/79-08/21/91	6	0.	0.1	0.301	0.	0.024	0.155	**	**	**	**
71220	GM PSEUDOMONAS AERUGINOSA,MF IN WATER,MPA MED,/100	GEOMETRIC MEAN =			1.26								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0248

				Total	Exceed	Prop.	----------8/01-10/31----------			----------11/01-3/31----------			----------4/01-7/31----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	148	1	0.01	49	0	0.00	18	0	0.00	81	1	0.01			
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	318	1	0.00	117	0	0.00	20	0	0.00	181	1	0.01			
31649	ENTEROCOCCI, ME, MF	Other-Hi Lim.	33.	129	0	0.00	51	0	0.00				78	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1974 - Station GATE0248

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/08/74-09/30/81	13	44.	61.692	172.	6.	2583.064	50.824	7.6	22.	90.	160.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/08/74-09/30/81	13	1.643	1.622	2.236	0.778	0.195	0.442	0.867	1.292	1.953	2.205
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			41.874								
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-08/31/94	13	3.	11.577	84.	0.5	505.827	22.491	0.7	1.	12.	58.
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-08/31/94	13	0.477	0.597	1.924	-0.301	0.404	0.636	-0.181	0.	1.078	1.666
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			3.953								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GATE0248

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/08/74-09/30/81	16	57.	104.625	600.	5.	21555.717	146.819	9.9	22.25	131.	334.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/08/74-09/30/81	16	1.755	1.722	2.778	0.699	0.288	0.537	0.965	1.347	2.116	2.473
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			52.673								
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-08/31/94	16	3.	8.563	30.	0.	99.729	9.986	0.	0.25	16.	26.5
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-08/31/94	16	0.477	0.627	1.477	0.	0.328	0.573	0.	0.	1.204	1.422
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			4.237								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station GATE0248

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/08/74-09/30/81	18	90.	146.389	660.	5.	31960.958	178.776	6.8	29.	203.	516.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/08/74-09/30/81	18	1.954	1.852	2.82	0.699	0.346	0.588	0.83	1.462	2.302	2.711
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			71.193								
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-08/31/94	18	5.	9.5	37.	0.	95.912	9.793	0.9	2.75	13.25	26.2
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-08/31/94	18	0.699	0.762	1.568	0.	0.22	0.469	0.	0.433	1.122	1.415
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			5.775								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GATE0248

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/08/74-09/30/81	43	11.	85.605	1600.	0.	64497.34	253.963	3.	5.	32.	212.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/08/74-09/30/81	43	1.041	1.196	3.204	0.	0.527	0.726	0.477	0.699	1.505	2.326
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			15.703								
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-08/31/94	43	1.	8.721	204.	0.	1003.444	31.677	0.	0.	3.	25.4
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-08/31/94	43	0.	0.341	2.31	0.	0.311	0.558	0.	0.	0.477	1.404
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			2.191								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GATE0248

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/08/74-09/30/81	15	17.	77.4	600.	0.	23558.829	153.489	1.2	7.	112.	338.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/08/74-09/30/81	15	1.23	1.31	2.778	0.	0.578	0.76	0.181	0.845	2.049	2.44
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			20.398								

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Annual Analysis for 1978 - Station GATE0248

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-08/31/94	15	0.	3.6	21.	0.	37.829	6.15	0.	0.	7.	15.6
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-08/31/94	15	0.	0.32	1.322	0.	0.227	0.477	0.	0.	0.845	1.176
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			2.09								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station GATE0248

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/08/74-09/30/81	16	26.	78.563	660.	1.	25979.729	161.182	1.	4.5	101.	287.6
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/08/74-09/30/81	16	1.414	1.3	2.82	0.	0.655	0.809	0.	0.596	2.001	2.321
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			19.949								
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-08/31/94	16	1.5	4.875	22.	0.	46.65	6.83	0.	0.25	7.5	19.2
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-08/31/94	16	0.151	0.41	1.342	0.	0.254	0.504	0.	0.	0.872	1.281
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			2.571								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GATE0248

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/08/74-09/30/81	15	3.	5.867	40.	0.	97.552	9.877	0.	1.	8.	21.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/08/74-09/30/81	15	0.477	0.501	1.602	0.	0.208	0.456	0.	0.	0.903	1.213
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.172								
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-08/31/94	15	1.	1.	4.	0.	1.571	1.254	0.	0.	2.	3.4
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-08/31/94	15	0.	0.112	0.602	0.	0.042	0.204	0.	0.	0.301	0.527
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.294								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station GATE0248

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/08/74-09/30/81	12	5.5	8.	20.	3.	39.273	6.267	3.	3.25	11.5	20.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/08/74-09/30/81	12	0.739	0.798	1.301	0.477	0.093	0.305	0.477	0.508	1.059	1.301
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			6.276								
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-08/31/94	12	0.5	1.	4.	0.	1.818	1.348	0.	0.	1.75	3.7
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-08/31/94	12	0.	0.115	0.602	0.	0.047	0.218	0.	0.	0.226	0.565
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.303								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station GATE0248

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-08/31/94	14	0.	1.714	11.	0.	12.989	3.604	0.	0.	2.	10.
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-08/31/94	14	0.	0.186	1.041	0.	0.13	0.361	0.	0.	0.301	0.998
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.533								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station GATE0248

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-08/31/94	14	1.	9.929	100.	0.	690.379	26.275	0.	0.	10.	56.
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-08/31/94	14	0.	0.406	2.	0.	0.388	0.623	0.	0.	1.	1.54
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			2.546								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GATE0248

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-08/31/94	14	0.5	1.429	7.	0.	4.725	2.174	0.	0.	2.25	6.
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-08/31/94	14	0.	0.166	0.845	0.	0.087	0.296	0.	0.	0.345	0.772
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.465								
31649	ENTEROCOCCI- ME-MF N0/100ML	08/05/84-08/31/94	1	1.	1.	1.	1.	0.	0.	**	**	**	**
31649	LOG ENTEROCOCCI- ME-MF N0/1	08/05/84-08/31/94	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.								

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Annual Analysis for 1985 - Station GATE0248

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-08/31/94	10	0.5	1.	4.	0.	1.778	1.333	0.	0.	2.	3.8
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-08/31/94	10	0.	0.12	0.602	0.	0.044	0.21	0.	0.	0.301	0.572
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.32								
31649	ENTEROCOCCI- ME-MF N0/100ML	08/05/84-08/31/94	10	0.5	1.1	4.	0.	2.544	1.595	0.	0.	1.75	4.
31649	LOG ENTEROCOCCI- ME-MF N0/1	08/05/84-08/31/94	10	0.	0.12	0.602	0.	0.064	0.254	0.	0.	0.151	0.602
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.32								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GATE0248

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-08/31/94	12	0.	0.833	7.	0.	3.97	1.992	0.	0.	1.	5.2
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-08/31/94	12	0.	0.07	0.845	0.	0.06	0.244	0.	0.	0.	0.592
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.176								
31649	ENTEROCOCCI- ME-MF N0/100ML	08/05/84-08/31/94	12	0.	1.25	7.	0.	4.386	2.094	0.	0.	2.	5.8
31649	LOG ENTEROCOCCI- ME-MF N0/1	08/05/84-08/31/94	12	0.	0.16	0.845	0.	0.074	0.272	0.	0.	0.301	0.735
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.447								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GATE0248

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-08/31/94	16	0.5	0.75	2.	0.	0.733	0.856	0.	0.	1.75	2.
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-08/31/94	16	0.	0.075	0.301	0.	0.018	0.135	0.	0.	0.226	0.301
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.189								
31649	ENTEROCOCCI- ME-MF N0/100ML	08/05/84-08/31/94	16	1.	1.188	6.	0.	2.963	1.721	0.	0.	1.	4.6
31649	LOG ENTEROCOCCI- ME-MF N0/1	08/05/84-08/31/94	16	0.	0.116	0.778	0.	0.065	0.256	0.	0.	0.	0.655
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.306								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GATE0248

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-08/31/94	12	1.	10.833	112.	0.	1021.061	31.954	0.	0.	4.25	80.8
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-08/31/94	12	0.	0.329	2.049	0.	0.39	0.625	0.	0.	0.599	1.705
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			2.135								
31649	ENTEROCOCCI- ME-MF N0/100ML	08/05/84-08/31/94	12	0.	2.25	20.	0.	32.75	5.723	0.	0.	1.75	15.2
31649	LOG ENTEROCOCCI- ME-MF N0/1	08/05/84-08/31/94	12	0.	0.184	1.301	0.	0.158	0.398	0.	0.	0.226	1.091
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.526								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0248

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-08/31/94	9	2.	9.111	67.	0.	473.111	21.751	0.	1.	3.5	67.
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-08/31/94	9	0.301	0.414	1.826	0.	0.33	0.574	0.	0.	0.5	1.826
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			2.596								
31649	ENTEROCOCCI- ME-MF N0/100ML	08/05/84-08/31/94	9	0.	1.778	12.	0.	15.694	3.962	0.	0.	2.	12.
31649	LOG ENTEROCOCCI- ME-MF N0/1	08/05/84-08/31/94	9	0.	0.173	1.079	0.	0.14	0.375	0.	0.	0.239	1.079
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.489								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0248

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-08/31/94	14	2.	3.429	18.	0.	22.418	4.735	0.	0.75	4.25	13.
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-08/31/94	14	0.301	0.367	1.255	0.	0.15	0.387	0.	0.	0.626	1.079
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			2.329								
31649	ENTEROCOCCI- ME-MF N0/100ML	08/05/84-08/31/94	14	0.	0.5	2.	0.	0.577	0.76	0.	0.	1.	2.
31649	LOG ENTEROCOCCI- ME-MF N0/1	08/05/84-08/31/94	14	0.	0.043	0.301	0.	0.012	0.109	0.	0.	0.	0.301
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.104								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0248

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-08/31/94	13	0.	0.308	2.	0.	0.397	0.63	0.	0.	0.5	1.6
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-08/31/94	13	0.	0.023	0.301	0.	0.007	0.083	0.	0.	0.	0.181
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.055								
31649	ENTEROCOCCI- ME-MF N0/100ML	08/05/84-08/31/94	13	0.	0.231	3.	0.	0.692	0.832	0.	0.	0.	1.8
31649	LOG ENTEROCOCCI- ME-MF N0/1	08/05/84-08/31/94	13	0.	0.037	0.477	0.	0.018	0.132	0.	0.	0.	0.286
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.088								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0248

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-08/31/94	15	0.	0.2	3.	0.	0.6	0.775	0.	0.	0.	1.2
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-08/31/94	15	0.	0.032	0.477	0.	0.015	0.123	0.	0.	0.	0.191
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.076								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0248

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31649	ENTEROCOCCI- ME-MF N0/100ML	08/05/84-08/31/94	15	0.	0.067	1.	0.	0.067	0.258	0.	0.	0.	0.4
31649	LOG ENTEROCOCCI- ME-MF N0/1	08/05/84-08/31/94	15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station GATE0248

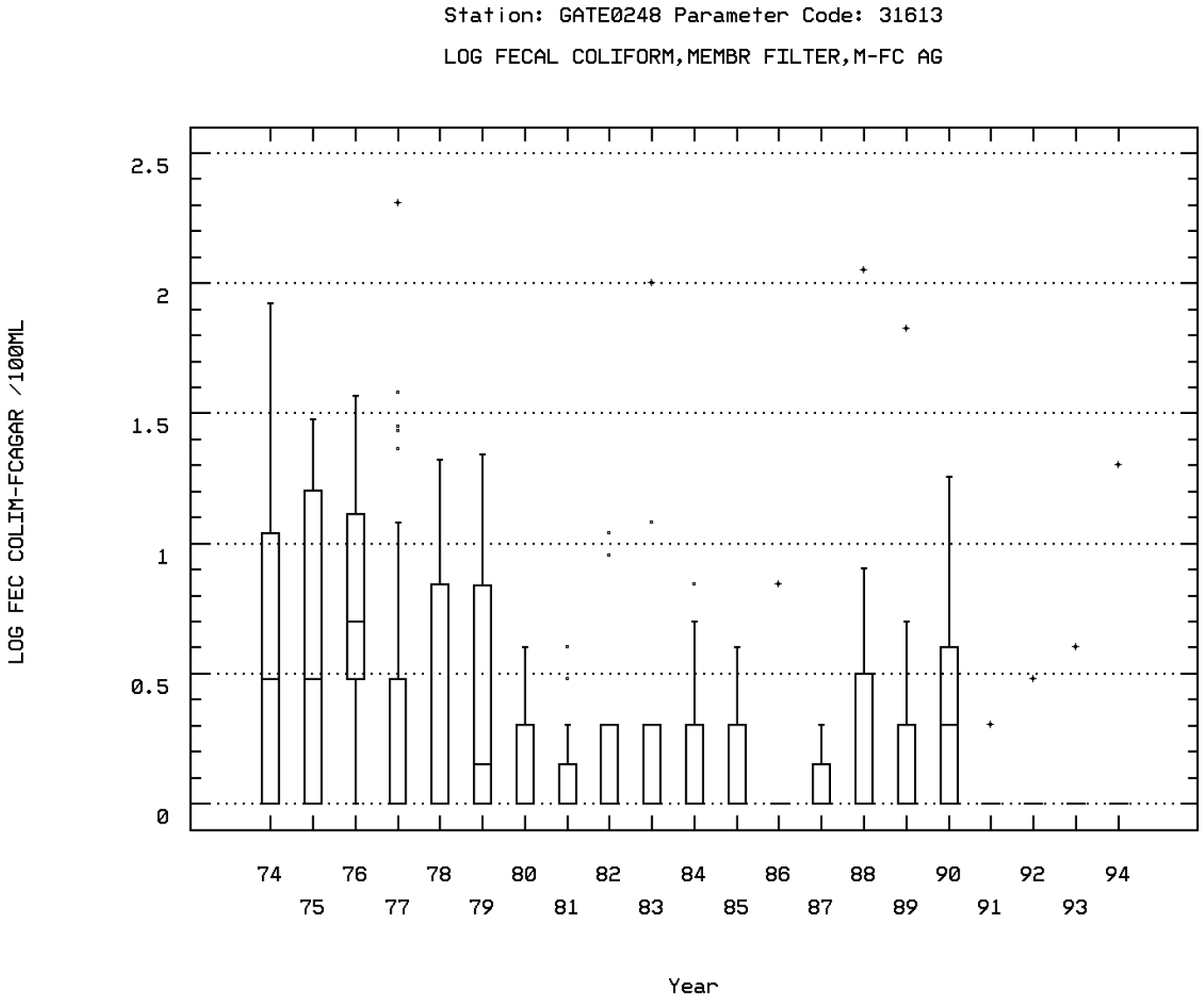
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-08/31/94	12	0.	0.417	4.	0.	1.356	1.165	0.	0.	0.	3.1
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-08/31/94	12	0.	0.05	0.602	0.	0.03	0.174	0.	0.	0.	0.421
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.122								
31649	ENTEROCOCCI- ME-MF N0/100ML	08/05/84-08/31/94	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31649	LOG ENTEROCOCCI- ME-MF N0/1	08/05/84-08/31/94	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station GATE0248

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-08/31/94	15	0.	1.467	20.	0.	26.41	5.139	0.	0.	0.	8.6
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-08/31/94	15	0.	0.087	1.301	0.	0.113	0.336	0.	0.	0.	0.52
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.221								
31649	ENTEROCOCCI- ME-MF N0/100ML	08/05/84-08/31/94	15	0.	0.267	2.	0.	0.352	0.594	0.	0.	0.	1.4
31649	LOG ENTEROCOCCI- ME-MF N0/1	08/05/84-08/31/94	15	0.	0.02	0.301	0.	0.006	0.078	0.	0.	0.	0.12
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.047								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot



NEW JERSEY BEACHES

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0248

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/08/74-09/30/81	49	24.	75.204	660.	0.	20417.541	142.89	1.	4.5	78.	164.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/08/74-09/30/81	49	1.38	1.289	2.82	0.	0.601	0.775	0.	0.651	1.88	2.215
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			19.437								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-08/31/94	117	1.	3.59	112.	0.	126.744	11.258	0.	0.	2.	9.2
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-08/31/94	117	0.	0.262	2.049	0.	0.174	0.418	0.	0.	0.301	0.963
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.826								
31649	ENTEROCOCCI- ME-MF N0/100ML	08/05/84-08/31/94	51	0.	0.824	20.	0.	8.308	2.882	0.	0.	1.	2.
31649	LOG ENTEROCOCCI- ME-MF N0/1	08/05/84-08/31/94	51	0.	0.068	1.301	0.	0.049	0.222	0.	0.	0.	0.301
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.169								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0248

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/08/74-09/30/81	18	116.	152.	660.	3.	21242.	145.746	11.1	74.	194.	300.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/08/74-09/30/81	18	2.064	1.985	2.82	0.477	0.271	0.521	1.019	1.869	2.287	2.455
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			96.631								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-08/31/94	20	11.5	16.7	84.	0.	358.221	18.927	0.1	6.5	23.75	37.2
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-08/31/94	20	1.06	0.977	1.924	0.	0.288	0.537	0.	0.809	1.374	1.57
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			9.49								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0248

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/08/74-09/30/81	81	10.	61.395	1600.	0.	38797.067	196.97	3.	5.	34.	126.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/08/74-09/30/81	81	1.	1.137	3.204	0.	0.44	0.664	0.477	0.699	1.531	2.102
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			13.696								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	04/08/74-08/31/94	181	0.	4.13	204.	0.	323.101	17.975	0.	0.	2.	7.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	04/08/74-08/31/94	181	0.	0.22	2.31	-0.301	0.182	0.426	0.	0.	0.301	0.845
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.659								
31649	ENTEROCOCCI- ME-MF N0/100ML	08/05/84-08/31/94	78	0.	0.795	12.	0.	3.542	1.882	0.	0.	1.	3.
31649	LOG ENTEROCOCCI- ME-MF N0/1	08/05/84-08/31/94	78	0.	0.085	1.079	0.	0.05	0.223	0.	0.	0.	0.477
31649	GM ENTEROCOCCI- ME-MF N0/10	GEOMETRIC MEAN =			1.218								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0249

NPS Station ID: GATE0249
LAT/LON: 40.435559/ -73.997504
Agency: 21NJDEP1
Date Created: 04/04/81
Location: SANDY HOOK BAY
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): L6986636968 /906C /SF02026 /C16
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST MAJOR BASIN
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA
ECO Region:
RF1 Index: 02030104006
RF1 Mile Point: 7.750
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J.
TIDE CORRECTION (H/L): (-0:01/ 0:00)
ASSOCIATED NOAA WEATHER STATION: 7865

Parameter Inventory for Station: GATE0249

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GATE0250

NPS Station ID: GATE0250 LAT/LON: 40.468948/ -73.997976 Agency: 11NPSWRD Date Created: 12/21/96
Location: North Beach FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/OCEAN STORET Station ID(s): GATE_SH-5
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 02030104 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METROPOLITAN AREA ECO Region:
RF1 Index: 02030104 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:
Station is a beach sampling site located at North Beach in the Sandy Hook Unit of Gateway National Recreation Area. The station can be found on the USGS 7.5 minute Sandy Hook N.Y.-N.J. quadrangle. Samples are collected in the surf at North Beach. For additional information on the water quality data stored at this station; contact the Division of Natural Resources at Gateway National Recreation Area - Building 210; Fort Wadsworth; Staten Island N.Y. 10305 (tel. 718-448-5505; fax. 718-448-4015). The park produces an Annual Report summarizing each year's monitoring activities. Data processed and uploaded to STORET by Dean Tucker; NPS Water Resources Division; 1201 Oak Ridge Drive Ste. 250; Fort Collins CO 80525 (tel. 970-225-3516; fax. 970-225-9965).

Parameter Inventory for Station: GATE0250

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/02/88-08/28/96	132	29.	88.053	2010.	0.	66905.272	258.661	0.	0.	58.	201.5
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/02/88-08/28/96	132	1.462	1.036	3.303	0.	0.945	0.972	0.	0.	1.763	2.304
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			10.864								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/15/77-08/25/77	14	30.	66.429	330.	0.	10870.879	104.264	0.	7.5	62.5	305.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/15/77-08/25/77	14	1.452	1.278	2.519	0.	0.698	0.835	0.	0.75	1.795	2.483
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			18.961								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/15/77-08/25/77	13	0.	5.769	30.	0.	99.359	9.968	0.	0.	12.5	26.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/15/77-08/25/77	13	0.	0.381	1.477	0.	0.364	0.603	0.	0.	1.088	1.407
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.405								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	134	0.	15.649	330.	0.	1991.237	44.623	0.	0.	7.25	47.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	134	0.	0.411	2.519	0.	0.526	0.725	0.	0.	0.844	1.671
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.578								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0250

				Total	Exceed	Prop.	----------8/01-10/31----------			----------11/01-3/31----------			----------4/01-7/31----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	132	2	0.02	45	1	0.02				87	1	0.01			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	14	0	0.00	4	0	0.00				10	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: GATE0250

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	13	0	0.00	4	0	0.00				9	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	134	2	0.01	47	0	0.00				87	2	0.02			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1988 - Station GATE0250

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/02/88-08/28/96	17	33.	58.235	289.	0.	4863.566	69.739	4.	12.	89.	145.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/02/88-08/28/96	17	1.519	1.465	2.461	0.	0.37	0.608	0.559	1.078	1.946	2.125
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			29.152								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	17	0.	9.471	50.	0.	239.39	15.472	0.	0.	11.	45.2
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	17	0.	0.551	1.699	0.	0.418	0.647	0.	0.	1.041	1.655
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.556								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0250

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/02/88-08/28/96	17	145.	291.471	2010.	0.	238135.14	487.991	0.	11.	388.	991.6
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/02/88-08/28/96	17	2.161	1.746	3.303	0.	1.223	1.106	0.	0.671	2.589	2.955
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			55.698								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	17	0.	29.529	330.	0.	7028.89	83.838	0.	0.	5.5	171.6
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	17	0.	0.42	2.519	0.	0.691	0.831	0.	0.	0.521	2.2
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.631								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0250

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/02/88-08/28/96	15	29.	34.8	145.	0.	1585.886	39.823	0.	0.	58.	110.2
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/02/88-08/28/96	15	1.462	1.093	2.161	0.	0.682	0.826	0.	0.	1.763	2.028
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			12.402								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	15	0.	17.4	116.	0.	1297.543	36.021	0.	0.	29.	98.6
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	15	0.	0.462	2.064	0.	0.65	0.806	0.	0.	1.462	1.989
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.897								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0250

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/02/88-08/28/96	14	0.	29.	145.	0.	2587.692	50.869	0.	0.	29.	145.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/02/88-08/28/96	14	0.	0.727	2.161	0.	0.808	0.899	0.	0.	1.462	2.161
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			5.328								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	14	0.	10.357	58.	0.	466.709	21.603	0.	0.	7.25	58.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	14	0.	0.356	1.763	0.	0.506	0.711	0.	0.	0.366	1.763
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.272								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0250

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/02/88-08/28/96	15	0.	17.667	58.	0.	584.381	24.174	0.	0.	33.	58.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/02/88-08/28/96	15	0.	0.649	1.763	0.	0.685	0.828	0.	0.	1.519	1.763
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.456								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0250

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	15	0.	1.933	29.	0.	56.067	7.488	0.	0.	0.	11.6
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	15	0.	0.097	1.462	0.	0.143	0.378	0.	0.	0.	0.585
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.252								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station GATE0250

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/02/88-08/28/96	16	0.	12.688	87.	0.	781.429	27.954	0.	0.	0.	66.7
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/02/88-08/28/96	16	0.	0.342	1.94	0.	0.541	0.735	0.	0.	0.	1.816
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.196								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station GATE0250

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/02/88-08/28/96	11	29.	212.636	1827.	0.	291406.455	539.821	0.	29.	58.	1511.6
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/02/88-08/28/96	11	1.462	1.501	3.262	0.	0.855	0.925	0.	1.462	1.763	3.089
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			31.711								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	11	0.	27.545	186.	0.	3135.473	55.995	0.	0.	30.	160.4
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	11	0.	0.634	2.27	0.	0.816	0.903	0.	0.	1.477	2.168
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4.304								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station GATE0250

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/02/88-08/28/96	14	0.	55.929	580.	0.	23478.687	153.228	0.	0.	36.25	333.5
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/02/88-08/28/96	14	0.	0.671	2.763	0.	0.96	0.98	0.	0.	1.538	2.351
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.686								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	14	29.	41.429	261.	0.	5009.033	70.775	0.	0.	36.25	188.5
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	14	1.462	0.968	2.417	0.	0.829	0.911	0.	0.	1.538	2.241
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			9.297								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1996 - Station GATE0250

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/02/88-08/28/96	13	29.	89.231	667.	0.	35106.359	187.367	0.	0.	58.	504.6
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/02/88-08/28/96	13	1.462	1.115	2.824	0.	1.01	1.005	0.	0.	1.701	2.661
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			13.025								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	13	0.	8.923	58.	0.	334.244	18.282	0.	0.	14.5	46.4
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	13	0.	0.361	1.763	0.	0.475	0.689	0.	0.	0.731	1.643
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.294								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0250

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/02/88-08/28/96	45	22.	108.8	2010.	0.	102035.8	319.43	0.	0.	58.	261.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/02/88-08/28/96	45	1.342	1.014	3.303	0.	1.071	1.035	0.	0.	1.763	2.417
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			10.317								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	47	0.	17.702	186.	0.	1326.04	36.415	0.	0.	29.	58.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	47	0.	0.517	2.27	0.	0.619	0.787	0.	0.	1.462	1.763
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.291								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0250

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/02/88-08/28/96	87	29.	77.322	1827.	0.	49367.756	222.189	0.	0.	58.	155.6
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/02/88-08/28/96	87	1.462	1.048	3.262	0.	0.891	0.944	0.	0.	1.763	2.188
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			11.158								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	87	0.	14.54	330.	0.	2366.647	48.648	0.	0.	0.	29.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/28/96	87	0.	0.354	2.519	0.	0.472	0.687	0.	0.	0.	1.462
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.259								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0251

NPS Station ID: GATE0251
LAT/LON: 40.445003/ -73.998615
Agency: 21NJDEP1
Date Created: 04/04/81
Location: SANDY HOOK BAY
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): L6988837026 /906D /SF02025 /C15
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST MAJOR BASIN
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA
ECO Region:
RF1 Index: 02030104006
RF1 Mile Point: 7.360
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J.
TIDE CORRECTION (H/L): (-0:01/ 0:00)
ASSOCIATED NOAA WEATHER STATION: 7865

Parameter Inventory for Station: GATE0251

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GATE0252

NPS Station ID: GATE0252 LAT/LON: 40.375837/ -73.998615 Agency: 21NJDEP1 Date Created: 08/08/81
Location: NAVESINK RIVER FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): 1000800109 /1017 /SF03056
RMI-Indexes: 0133006 000020 Within Park Boundary: No
RMI-Miles: 0001.70 0001.09
HUC: 02030104 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST MAJOR BASIN Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA ECO Region:
RF1 Index: 02030104008 RF1 Mile Point: 0.990 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J. TIDE CORRECTION (H/L): (+1:09/+1:45)
ASSOCIATED NOAA WEATHER STATION: 4987

Parameter Inventory for Station: GATE0252

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-02/28/73	5	1.7	1.78	3.3	0.	2.297	1.516	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-02/28/73	5	4.	3.6	6.	0.	5.3	2.302	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-02/28/73	4	82.	157.5	430.	36.	33527.	183.104	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-02/28/73	4	1.911	2.003	2.633	1.556	0.206	0.454	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			100.701								
31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	02/05/73-02/28/73	5	3.	3.	3.	3.	0.	0.	**	**	**	**
31678	LOG FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATI	02/05/73-02/28/73	5	0.477	0.477	0.477	0.477	0.	0.	**	**	**	**
31678	GM FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATIO	GEOMETRIC MEAN =			3.								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-02/28/73	5	11115.	7255.	11415.	1000.	30362087.5	5510.18	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0252

				Total	Exceed	Prop.	----------8/01-10/31----------			----------11/01-3/31----------			----------4/01-7/31----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	4	0	0.00				4	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0253

NPS Station ID: GATE0253
LAT/LON: 40.379726/ -73.998615
Agency: 21NJDEP1
Date Created: 08/08/81
Location: NAVESINK RIVER
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 100080012B /1016B /SF03062
RMI-Indexes: 0133006 000020
Within Park Boundary: No
RMI-Miles: 0001.70 0001.20
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST MAJOR BASIN
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA
ECO Region:
RF1 Index: 02030104008
RF1 Mile Point: 0.990
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J.
TIDE CORRECTION (H/L): (+1:09/+1:45)
ASSOCIATED NOAA WEATHER STATION: 4987

Parameter Inventory for Station: GATE0253

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-05/10/83	53	16.	14.106	28.	0.	66.121	8.131	2.4	5.2	21.1	23.18
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-05/10/83	55	18.	17.595	31.	0.	58.053	7.619	7.2	11.	24.	28.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-05/10/83	69	6.	7.362	20.	0.	23.352	4.832	2.	3.5	10.	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-05/10/83	70	41.	194.136	4600.	1.5	386032.21	621.315	4.	19.5	93.	240.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-05/10/83	70	1.612	1.627	3.663	0.176	0.521	0.722	0.602	1.286	1.968	2.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			42.364								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-05/10/83	65	23.	30.285	240.	1.5	1927.422	43.902	3.6	5.5	41.	66.6
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-05/10/83	65	1.362	1.178	2.38	0.176	0.288	0.536	0.552	0.724	1.612	1.821
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			15.056								
31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	02/05/73-10/16/78	13	4.	5.231	11.	3.	11.026	3.32	3.	3.	7.5	11.
31678	LOG FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATI	02/05/73-10/16/78	13	0.602	0.655	1.041	0.477	0.052	0.227	0.477	0.477	0.822	1.041
31678	GM FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATIO	GEOMETRIC MEAN =			4.523								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-05/10/83	71	11145.	7342.239	11604.	1000.	24382376.328	4937.851	1145.	1315.	11315.	11445.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0253

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	70	3	0.04	10	0	0.00	24	1	0.04	36	2	0.06			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	65	2	0.03	10	0	0.00	19	1	0.05	36	1	0.03			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0253

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-05/10/83	10	20.5	20.4	27.	12.	28.711	5.358	12.	16.5	25.25	26.9
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-05/10/83	10	5.5	6.6	15.	0.	24.489	4.949	0.1	2.5	10.5	14.7
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-05/10/83	10	15.	19.2	43.	1.5	301.011	17.35	1.5	3.375	40.	43.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-05/10/83	10	1.103	1.023	1.633	0.176	0.33	0.575	0.176	0.496	1.602	1.633
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			10.534								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-05/10/83	10	4.	9.4	39.	1.5	152.156	12.335	1.5	1.5	12.5	37.4
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-05/10/83	10	0.602	0.677	1.591	0.176	0.275	0.524	0.176	0.176	1.056	1.568
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.753								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-05/10/83	10	11145.	8230.4	11415.	1145.	23535106.044	4851.299	1145.	1272.5	11314.25	11405.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0253

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-05/10/83	14	8.	8.143	17.	0.	17.363	4.167	2.	5.5	10.	15.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-05/10/83	23	5.	7.435	20.	0.	27.166	5.212	1.8	4.	10.	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-05/10/83	24	91.	225.083	2400.	9.	231219.819	480.853	22.	26.25	237.5	445.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-05/10/83	24	1.959	1.94	3.38	0.954	0.324	0.569	1.342	1.41	2.376	2.648
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			87.166								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-05/10/83	19	36.	44.526	240.	4.	2825.374	53.154	7.	15.	43.	93.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-05/10/83	19	1.556	1.458	2.38	0.602	0.171	0.413	0.845	1.176	1.633	1.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			28.739								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-05/10/83	25	1426.	5314.72	11604.	1000.	25360548.877	5035.926	1145.	1223.5	11322.5	11484.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0253

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-05/10/83	31	22.	20.958	31.	10.	32.355	5.688	14.	16.	25.5	28.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-05/10/83	36	7.5	7.528	20.	1.	21.799	4.669	2.	3.25	10.	12.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-05/10/83	36	36.5	222.097	4600.	1.5	598808.569	773.827	4.	9.	93.	240.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-05/10/83	36	1.555	1.586	3.663	0.176	0.555	0.745	0.602	0.954	1.968	2.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			38.547								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-05/10/83	36	11.	28.569	240.	1.5	1794.502	42.362	4.	4.75	42.	65.2
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-05/10/83	36	1.034	1.169	2.38	0.176	0.253	0.503	0.602	0.663	1.623	1.812
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			14.744								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-05/10/83	36	11179.	8503.528	11556.	1145.	20773965.285	4557.847	1194.	1415.	11345.	11461.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0254

NPS Station ID: GATE0254 LAT/LON: 40.378060/ -73.998615 Agency: 21NJDEP1 Date Created: 08/08/81
Location: NAVESINK RIVER FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): 1000800112 /1017A /SF03091
RMI-Indexes: 0133006 000020 Within Park Boundary: No
RMI-Miles: 0001.70 0001.12
HUC: 02030104 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST MAJOR BASIN Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA ECO Region:
RF1 Index: 02030104008 RF1 Mile Point: 0.990 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J. TIDE CORRECTION (H/L): (+1:09/+1:45)
ASSOCIATED NOAA WEATHER STATION: 4987

Parameter Inventory for Station: GATE0254

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-02/28/73	5	1.7	1.78	3.3	0.	2.297	1.516	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-02/28/73	5	4.	3.6	6.	0.	5.3	2.302	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-02/28/73	5	230.	339.2	930.	15.	133980.7	366.034	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-02/28/73	5	2.362	2.22	2.968	1.176	0.477	0.691	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			165.868								
31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	02/05/73-02/28/73	5	3.	3.	3.	3.	0.	0.	**	**	**	**
31678	LOG FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATI	02/05/73-02/28/73	5	0.477	0.477	0.477	0.477	0.	0.	**	**	**	**
31678	GM FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATIO	GEOMETRIC MEAN =			3.								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-02/28/73	5	11115.	7255.	11415.	1000.	30362087.5	5510.18	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0254

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	5	0	0.00				5	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0255

NPS Station ID: GATE0255
LAT/LON: 40.381115/ -73.999448
Agency: 21NJDEP1
Date Created: 08/08/81
Location: NAVESINK RIVER
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 100080012C /1016C /SF03061
RMI-Indexes: 0133006 000020
Within Park Boundary: No
RMI-Miles: 0001.70 0001.20
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST MAJOR BASIN
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA
ECO Region:
RF1 Index: 02030104008
RF1 Mile Point: 1.080
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J.
TIDE CORRECTION (H/L): (+1:09/+1:45)
ASSOCIATED NOAA WEATHER STATION: 4987

Parameter Inventory for Station: GATE0255

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-10/17/95	54	15.	13.993	28.	0.	65.563	8.097	2.5	5.6	21.1	23.15
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	168	16.5	16.445	32.	0.	59.632	7.722	6.	10.	22.	27.02
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	185	7.	7.492	20.	0.	22.262	4.718	1.6	3.	10.	15.
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	150	33.	156.907	4600.	1.5	230341.263	479.939	4.	9.	93.	430.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	150	1.517	1.507	3.663	0.176	0.547	0.74	0.602	0.954	1.968	2.633
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			32.143								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/19/74-10/17/95	145	9.	42.697	930.	1.5	13892.192	117.865	1.5	4.	29.5	75.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/19/74-10/17/95	145	0.954	1.072	2.968	0.176	0.395	0.629	0.176	0.602	1.459	1.875
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.814								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	30	9.1	17.47	120.	1.5	605.937	24.616	1.5	3.	23.	41.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/88-08/08/95	30	0.959	0.946	2.079	0.176	0.279	0.529	0.176	0.477	1.362	1.606
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			8.833								
31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	02/05/73-10/16/78	13	4.	5.231	11.	3.	11.026	3.32	3.	3.	7.5	11.
31678	LOG FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATI	02/05/73-10/16/78	13	0.602	0.655	1.041	0.477	0.052	0.227	0.477	0.477	0.822	1.041
31678	GM FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATIO	GEOMETRIC MEAN =			4.523								
70211p	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	187	11130.	6862.294	11708.	1000.	24858809.209	4985.861	1203.6	1332.	11315.	11445.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

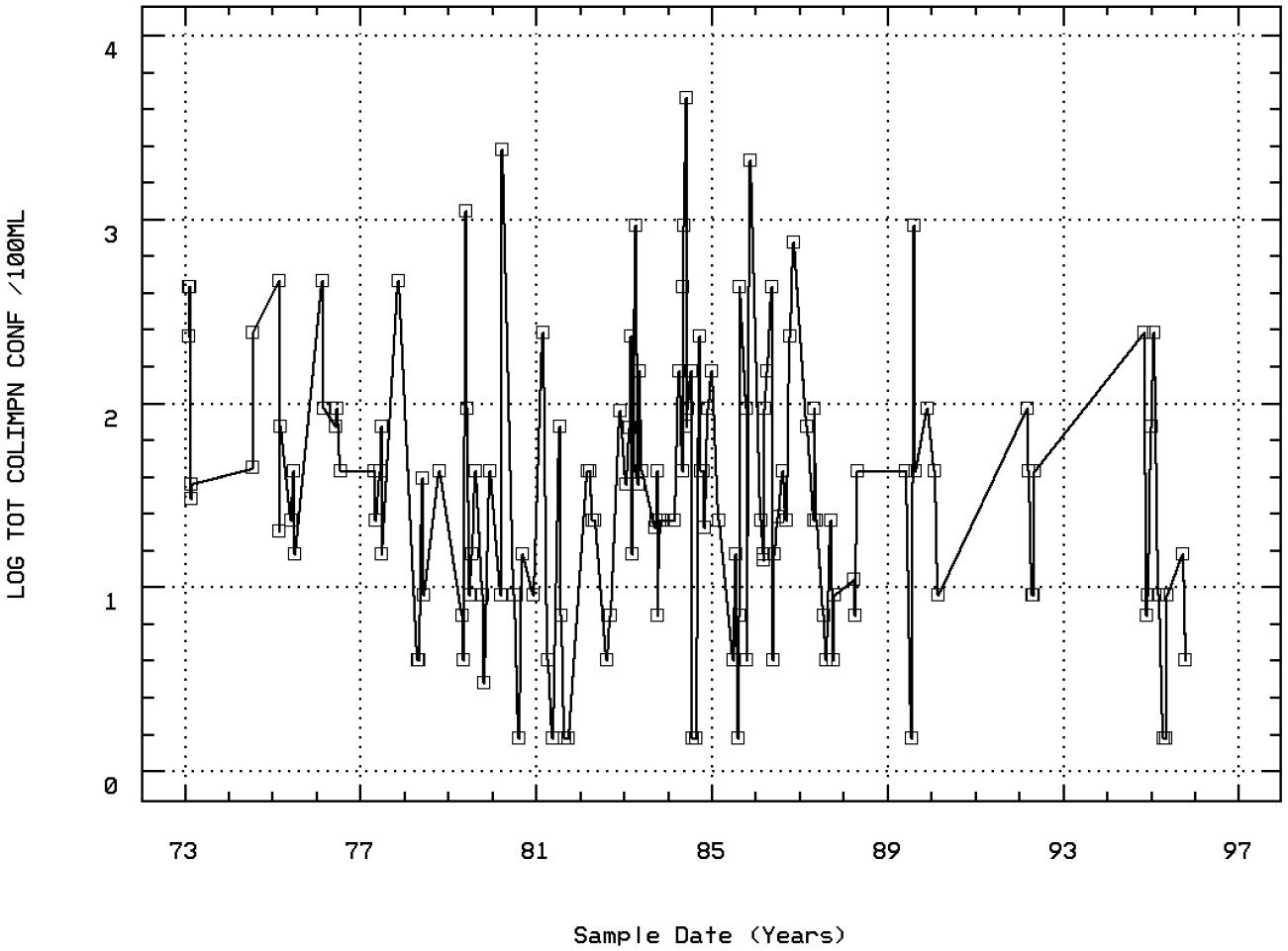
EPA Water Quality Criteria Analysis for Station: GATE0255

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	150	4	0.03	37	0	0.00	47	2	0.04	66	2	0.03			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	145	7	0.05	37	0	0.00	42	3	0.07	66	4	0.06			

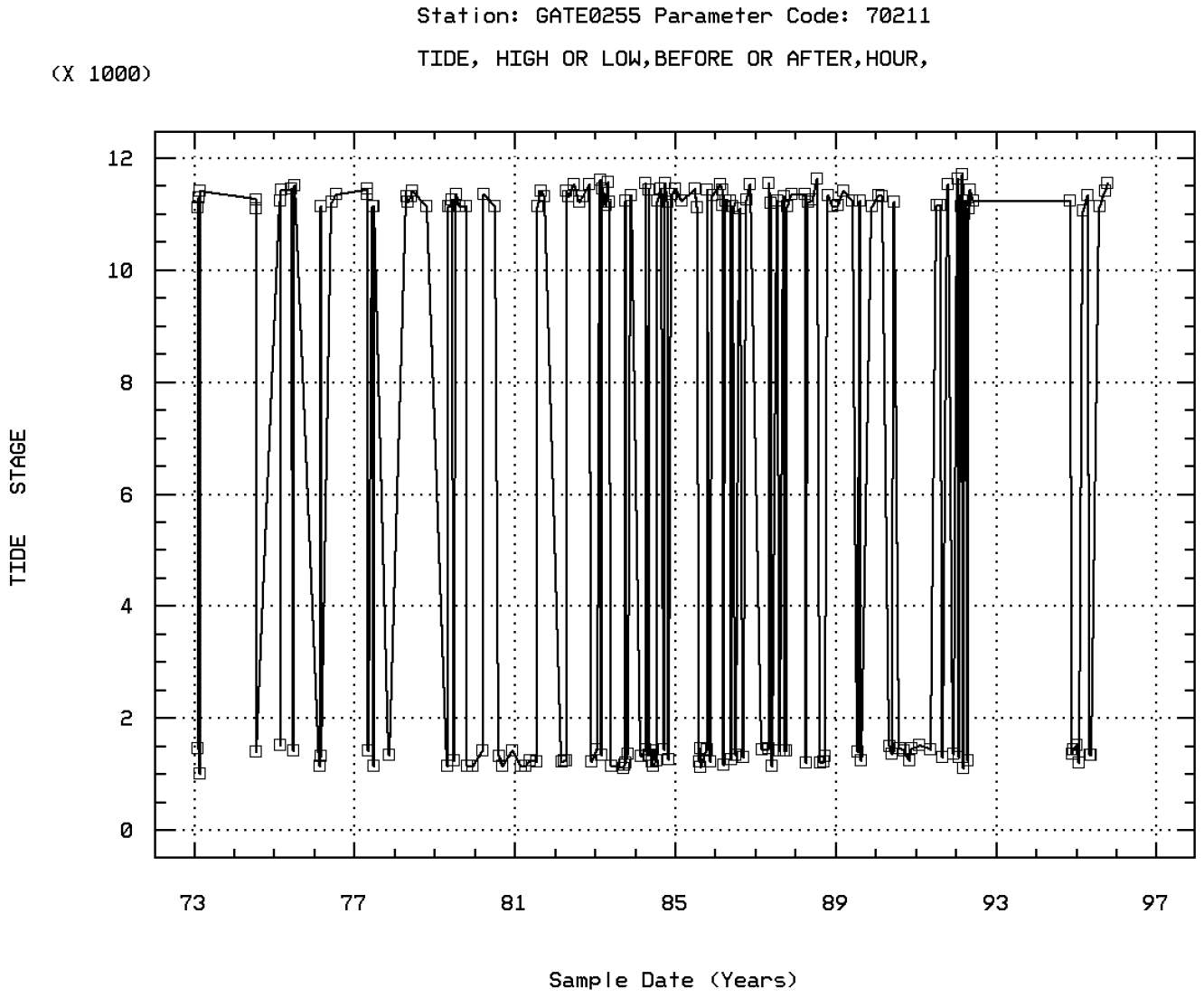
& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station: GATE0255 Parameter Code: 31505

LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C



NAVESINK RIVER



NAVESINK RIVER

Annual Analysis for 1973 - Station GATE0255

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	5	4.	3.6	6.	0.	5.3	2.302	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	5	230.	231.2	430.	30.	39407.2	198.512	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	5	2.362	2.132	2.633	1.477	0.329	0.574	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			135.649								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	5	11115.	7255.	11415.	1000.	30362087.5	5510.18	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station GATE0255

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	3	10.	8.333	10.	5.	8.333	2.887	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	2	142.5	142.5	240.	45.	19012.5	137.886	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	2	2.017	2.017	2.38	1.653	0.264	0.514	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			103.923								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/19/74-10/17/95	2	127.5	127.5	240.	15.	25312.5	159.099	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/19/74-10/17/95	2	1.778	1.778	2.38	1.176	0.725	0.851	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			60.								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	3	11100.	7915.	11245.	1400.	31839175.	5642.621	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GATE0255

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	6	17.5	15.	20.	5.	40.	6.325	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	6	33.	106.	460.	15.	30562.4	174.821	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	6	1.498	1.668	2.663	1.176	0.301	0.548	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			46.597								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/19/74-10/17/95	6	23.	32.167	93.	4.	1082.567	32.902	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/19/74-10/17/95	6	1.362	1.295	1.968	0.602	0.252	0.502	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			19.744								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	6	11330.	8089.167	11500.	1415.	26337114.167	5131.97	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station GATE0255

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	3	27.2	26.9	28.	25.5	1.63	1.277	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	4	4.5	3.75	5.	1.	3.583	1.893	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	5	93.	152.8	460.	43.	29908.2	172.94	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	5	1.968	2.022	2.663	1.633	0.147	0.384	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			105.112								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/19/74-10/17/95	5	43.	126.2	460.	15.	35772.7	189.137	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/19/74-10/17/95	5	1.633	1.748	2.663	1.176	0.356	0.597	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			56.023								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	5	11130.	7230.	11345.	1145.	30009475.	5478.09	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GATE0255

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	7	18.	19.	28.	10.	78.333	8.851	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	6	4.	4.333	10.	1.	10.267	3.204	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	7	43.	100.286	460.	15.	25520.905	159.753	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	7	1.633	1.711	2.663	1.176	0.226	0.476	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			51.388								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/19/74-10/17/95	7	20.	23.	43.	9.	150.333	12.261	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/19/74-10/17/95	7	1.301	1.308	1.633	0.954	0.055	0.235	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			20.343								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	7	11145.	6997.857	11445.	1145.	28408557.143	5329.968	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GATE0255

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	5	16.	17.8	24.	12.	25.2	5.02	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	5	5.	5.6	10.	0.	14.3	3.782	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	5	9.	19.8	43.	4.	380.7	19.512	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	5	0.954	1.077	1.633	0.602	0.26	0.51	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			11.928								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/19/74-10/17/95	5	4.	3.5	4.	1.5	1.25	1.118	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/19/74-10/17/95	5	0.602	0.517	0.602	0.176	0.036	0.19	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.288								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	5	11315.	11281.	11415.	11145.	10780.	103.827	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station GATE0255

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	11	20.	18.455	28.	4.	52.273	7.23	5.6	12.	24.	27.4
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	10	7.5	7.	12.	2.	17.111	4.137	2.1	3.	10.5	12.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	10	12.	132.6	1100.	3.	116331.156	341.074	3.1	6.25	55.5	999.3
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	10	1.065	1.329	3.041	0.477	0.591	0.769	0.49	0.784	1.717	2.934
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			21.309								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/19/74-10/17/95	10	9.	18.05	75.	1.5	559.025	23.644	1.65	3.75	28.	71.8
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/19/74-10/17/95	10	0.954	0.959	1.875	0.176	0.284	0.533	0.206	0.571	1.43	1.851
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.1								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	10	11145.	7185.	11345.	1145.	26804888.889	5177.344	1145.	1145.	11170.	11335.

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Annual Analysis for 1980 - Station GATE0255

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	6	14.	15.5	27.	6.	77.5	8.803	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	6	6.5	6.5	10.	4.	5.5	2.345	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	6	9.	407.25	2400.	1.5	953070.975	976.254	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	6	0.954	1.266	3.38	0.176	1.191	1.092	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			18.444								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/19/74-10/17/95	6	9.	13.583	43.	1.5	229.442	15.147	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/19/74-10/17/95	6	0.954	0.916	1.633	0.176	0.246	0.496	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.242								

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Annual Analysis for 1980 - Station GATE0255

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	6	1415.	4630.	11345.	1145.	26268670.	5125.297	**	**	**	**

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Annual Analysis for 1981 - Station GATE0255

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	7	20.	21.	31.	10.	41.667	6.455	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	7	10.	9.714	15.	3.	20.571	4.536	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	7	4.	47.214	240.	1.5	7948.738	89.156	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	7	0.602	0.89	2.38	0.176	0.801	0.895	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			7.764								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/19/74-10/17/95	7	## 1.5	3.286	9.	1.5	7.738	2.782	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/19/74-10/17/95	7	## 0.176	0.409	0.954	0.176	0.098	0.313	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.564								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	7	1245.	5517.857	11415.	1145.	29177257.143	5401.598	**	**	**	**

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Annual Analysis for 1982 - Station GATE0255

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	10	15.5	15.8	26.	4.	43.956	6.63	4.4	11.75	21.25	25.6
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	10	5.5	6.4	15.	1.	18.711	4.326	1.2	3.	10.	14.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	8	23.	32.125	91.	4.	767.839	27.71	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	8	1.362	1.345	1.959	0.602	0.192	0.439	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			22.12								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/19/74-10/17/95	8	6.5	18.188	91.	1.5	910.853	30.18	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/19/74-10/17/95	8	0.778	0.901	1.959	0.176	0.304	0.552	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.97								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	10	11264.	7323.	11537.	1220.	27549574.	5248.769	1220.	1228.25	11445.25	11536.3

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Annual Analysis for 1983 - Station GATE0255

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	14	15.5	13.429	22.	0.	45.802	6.768	2.5	7.5	18.75	21.5
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	14	11.	9.786	15.	1.	27.874	5.28	1.	5.75	15.	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	14	36.	118.071	930.	7.	58388.379	241.637	11.	22.5	92.25	580.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	14	1.556	1.656	2.968	0.845	0.293	0.542	1.011	1.352	1.942	2.665
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			45.243								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/19/74-10/17/95	14	23.	36.5	230.	1.5	3302.385	57.466	1.5	9.25	36.	136.5
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/19/74-10/17/95	14	1.362	1.235	2.362	0.176	0.351	0.592	0.176	0.932	1.556	1.998
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			17.184								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	14	6291.	6305.214	11606.	1102.	27597590.181	5253.341	1118.5	1189.25	11366.25	11582.

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Annual Analysis for 1984 - Station GATE0255

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	17	19.	18.235	31.	2.	66.566	8.159	6.8	12.	25.	29.4
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	17	9.	8.235	15.	1.	21.191	4.603	1.8	3.5	12.	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	16	84.	432.938	4600.	1.5	1289212.429	1135.435	1.5	28.	210.	2031.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	16	1.922	1.858	3.663	0.176	0.794	0.891	0.176	1.43	2.315	3.177
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			72.102								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/19/74-10/17/95	16	18.5	102.719	930.	1.5	59661.299	244.257	1.5	4.	42.	580.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/19/74-10/17/95	16	1.254	1.207	2.968	0.176	0.698	0.836	0.176	0.602	1.623	2.734
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			16.113								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	17	1434.	5464.176	11556.	1131.	26197137.529	5118.314	1196.6	1283.	11389.	11555.2

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Annual Analysis for 1985 - Station GATE0255

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	11	18.	19.273	32.	7.	58.418	7.643	7.8	12.	26.	30.8
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	11	3.	4.909	15.	2.	17.491	4.182	2.	2.	8.	13.8
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	10	19.	282.75	2100.	1.5	425267.847	652.126	1.75	4.	220.	1933.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	10	1.269	1.486	3.322	0.176	1.022	1.011	0.219	0.602	2.29	3.253
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			30.644								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/19/74-10/17/95	10	11.	32.3	150.	1.5	2263.733	47.579	1.5	2.625	51.	142.5
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/19/74-10/17/95	10	1.011	1.05	2.176	0.176	0.5	0.707	0.176	0.402	1.694	2.146
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.217								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	11	11124.	6766.364	11446.	1116.	27539365.255	5247.796	1135.4	1216.	11424.	11445.8

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Annual Analysis for 1986 - Station GATE0255

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	13	19.	16.	29.	5.	74.167	8.612	5.4	6.5	22.5	28.2
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	13	4.	5.538	14.	1.	17.603	4.196	1.	2.5	9.	13.2
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	13	24.	139.538	750.	4.	48539.269	220.316	8.	15.	190.	622.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	13	1.38	1.681	2.875	0.602	0.448	0.67	0.82	1.176	2.269	2.778
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			47.968								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/19/74-10/17/95	13	9.	101.923	750.	1.5	51333.535	226.569	1.5	4.	33.	622.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/19/74-10/17/95	13	0.954	1.176	2.875	0.176	0.701	0.837	0.176	0.602	1.498	2.778
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			15.013								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	13	11152.	8204.846	11538.	1153.	23250171.308	4821.843	1191.4	1316.5	11343.	11531.6

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Annual Analysis for 1987 - Station GATE0255

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	8	13.	13.	22.	7.	24.571	4.957	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	12	5.	6.667	15.	1.	27.697	5.263	1.	1.25	11.5	14.7
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	10	23.	28.4	93.	4.	942.933	30.707	4.	6.25	36.	91.2
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	10	1.362	1.229	1.968	0.602	0.227	0.477	0.602	0.784	1.49	1.959
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			16.959								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/19/74-10/17/95	10	9.	11.5	23.	4.	61.833	7.863	4.	4.	21.5	23.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/19/74-10/17/95	10	0.954	0.965	1.362	0.602	0.095	0.309	0.602	0.602	1.332	1.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.219								

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Annual Analysis for 1987 - Station GATE0255

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	12	6291.	6337.	11550.	1135.	26849160.364	5181.618	1216.9	1411.5	11297.	11489.1

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Annual Analysis for 1988 - Station GATE0255

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	10	14.5	15.	26.	6.	42.	6.481	6.3	9.75	19.	25.9
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	10	6.	5.7	10.	0.	7.789	2.791	0.3	4.5	8.	9.8
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	3	11.	20.333	43.	7.	389.333	19.732	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	3	1.041	1.173	1.633	0.845	0.168	0.41	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			14.905								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/19/74-10/17/95	3	4.	17.	43.	4.	507.	22.517	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/19/74-10/17/95	3	0.602	0.946	1.633	0.602	0.355	0.595	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.828								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	10	11172.5	7285.4	11633.	1207.	27111918.933	5206.911	1207.1	1215.5	11333.5	11604.4

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Annual Analysis for 1989 - Station GATE0255

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	7	21.	19.571	28.	5.	74.619	8.638	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	7	5.	6.286	15.	1.	25.905	5.09	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	5	43.	222.1	930.	1.5	157651.8	397.054	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	5	1.633	1.676	2.968	0.176	1.002	1.001	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			47.424								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/19/74-10/17/95	5	23.	42.5	150.	1.5	3688.5	60.733	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/19/74-10/17/95	5	1.362	1.25	2.176	0.176	0.51	0.714	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			17.797								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	7	11157.	8400.286	11410.	1232.	23424281.571	4839.864	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0255

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	9	19.	16.556	25.	5.	53.778	7.333	5.	8.5	22.5	25.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	9	10.	9.778	15.	4.	17.194	4.147	4.	6.	14.5	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	2	26.	26.	43.	9.	578.	24.042	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	2	1.294	1.294	1.633	0.954	0.231	0.48	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			19.672								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/19/74-10/17/95	2	6.5	6.5	9.	4.	12.5	3.536	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/19/74-10/17/95	2	0.778	0.778	0.954	0.602	0.062	0.249	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	9	1459.	4695.889	11324.	1242.	24408284.361	4940.474	1242.	1380.	11261.5	11324.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0255

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	7	24.	20.286	30.	6.	88.905	9.429	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	7	8.	7.857	14.	1.	17.143	4.14	**	**	**	**
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	7	1505.	5633.286	11538.	1306.	27903820.571	5282.407	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0255

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	11	8.	11.	23.	5.	35.	5.916	5.2	6.	17.	22.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	11	8.	7.455	15.	1.	20.473	4.525	1.2	2.	10.	14.4
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	5	43.	39.4	93.	9.	1186.8	34.45	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	5	1.633	1.429	1.968	0.954	0.206	0.454	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			26.84								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/19/74-10/17/95	5	9.	21.6	43.	4.	385.8	19.642	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/19/74-10/17/95	5	0.954	1.155	1.633	0.602	0.211	0.459	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			14.305								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	11	11128.	8556.	11708.	1104.	22254710.8	4717.49	1132.6	1305.	11430.	11690.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station GATE0255

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	3	10.	10.	15.	5.	25.	5.	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	3	14.	12.667	14.	10.	5.333	2.309	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	3	9.	85.333	240.	7.	17942.333	133.949	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	3	0.954	1.393	2.38	0.845	0.734	0.857	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			24.728								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/19/74-10/17/95	3	9.	18.667	43.	4.	450.333	21.221	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/19/74-10/17/95	3	0.954	1.063	1.633	0.602	0.275	0.524	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.568								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	3	1428.	4671.667	11234.	1353.	32299570.333	5683.271	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station GATE0255

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	9	13.	12.	24.	1.	70.25	8.382	1.	2.5	19.	24.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	9	10.	10.667	14.	2.	14.	3.742	2.	10.	14.	14.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	8	9.	44.375	240.	1.5	6839.911	82.704	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	8	0.954	1.037	2.38	0.176	0.602	0.776	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			10.883								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/19/74-10/17/95	8	5.5	18.125	75.	1.5	716.054	26.759	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/19/74-10/17/95	8	0.724	0.858	1.875	0.176	0.387	0.622	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.211								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	9	11048.	6876.111	11541.	1204.	27492932.861	5243.37	1204.	1346.	11375.	11541.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0255

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-10/17/95	9	20.	16.333	26.	8.	47.	6.856	8.	9.	21.5	26.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	45	20.	20.333	32.	11.	31.273	5.592	12.	16.	25.	27.4
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	47	6.	6.957	15.	0.	21.389	4.625	1.	3.	10.	15.
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	37	21.	66.77	930.	1.5	28239.508	168.046	1.5	4.	43.	230.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	37	1.322	1.199	2.968	0.176	0.5	0.707	0.176	0.602	1.633	2.362
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			15.795								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/19/74-10/17/95	37	4.	14.257	150.	1.5	650.717	25.509	1.5	2.25	23.	27.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/19/74-10/17/95	37	0.602	0.812	2.176	0.176	0.277	0.526	0.176	0.327	1.362	1.416
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.482								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	10	8.2	15.03	75.	1.5	488.771	22.108	1.5	1.5	17.	69.8
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/88-08/08/95	10	0.911	0.859	1.875	0.176	0.312	0.558	0.176	0.176	1.223	1.824
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			7.221								
70211p	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	47	1459.	6185.915	11555.	1102.	25550658.384	5054.766	1149.8	1305.	11256.	11428.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0255

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-10/17/95	15	3.3	3.207	7.	0.	4.205	2.051	0.	1.7	4.4	6.4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	52	7.5	8.115	19.	0.	17.124	4.138	3.3	5.25	10.	14.7
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	61	8.	8.41	20.	0.	24.246	4.924	2.	4.5	14.	15.
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	47	73.	217.234	2400.	7.	215444.444	464.16	9.	23.	230.	460.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	47	1.863	1.826	3.38	0.845	0.417	0.646	0.954	1.362	2.362	2.663
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			66.995								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/19/74-10/17/95	42	23.	62.667	750.	4.	18034.813	134.294	4.	9.	43.	132.9
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/19/74-10/17/95	42	1.362	1.348	2.875	0.602	0.344	0.586	0.602	0.954	1.633	2.114
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			22.299								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	12	9.1	11.867	43.	1.5	156.302	12.502	1.5	1.875	21.	37.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/88-08/08/95	12	0.959	0.831	1.633	0.176	0.26	0.51	0.176	0.251	1.315	1.552
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			6.776								
70211p	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	63	11115.	6712.952	11708.	1000.	25351326.885	5035.01	1173.4	1342.	11343.	11496.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

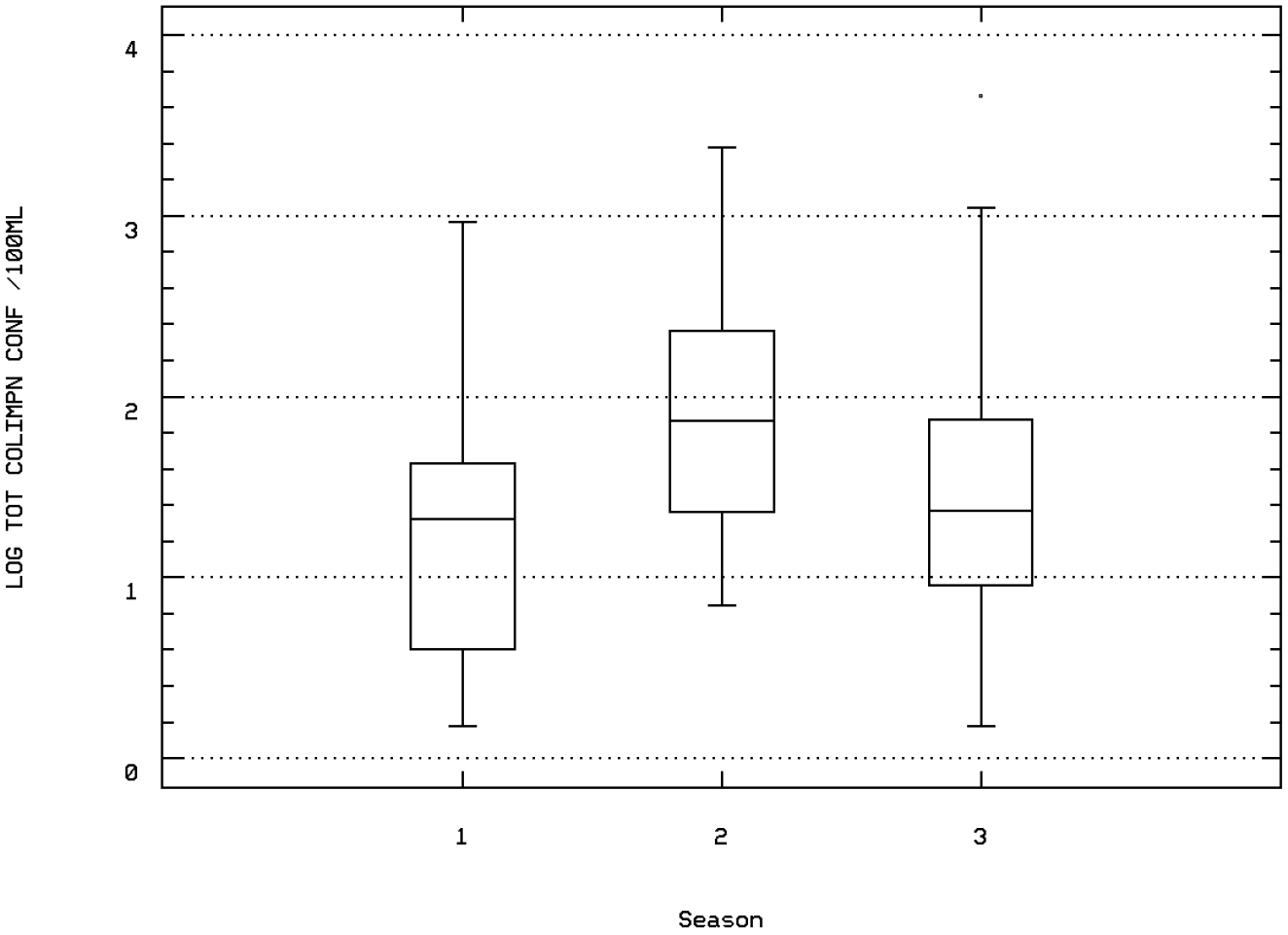
Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0255

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-10/17/95	30	20.	18.683	28.	12.	20.191	4.493	12.	14.	22.	23.93
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	71	20.	20.08	31.	8.	35.466	5.955	12.	15.	25.5	28.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	77	6.	7.091	20.	0.	20.794	4.56	2.	3.	10.	14.
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	66	23.5	164.477	4600.	1.5	352589.819	593.793	4.	9.	75.	297.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	66	1.371	1.453	3.663	0.176	0.551	0.742	0.602	0.954	1.875	2.456
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			28.375								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/19/74-10/17/95	66	9.	45.932	930.	1.5	18311.622	135.32	1.5	4.	26.25	52.6
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/19/74-10/17/95	66	0.954	1.043	2.968	0.176	0.417	0.645	0.176	0.602	1.41	1.706
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.04								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	8	23.	28.925	120.	3.	1423.979	37.736	**	**	**	**
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/88-08/08/95	8	1.362	1.228	2.079	0.477	0.224	0.473	**	**	**	**
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			16.912								
70211p	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	77	11145.	7397.338	11633.	1131.	24100999.806	4909.277	1211.8	1347.	11310.5	11445.

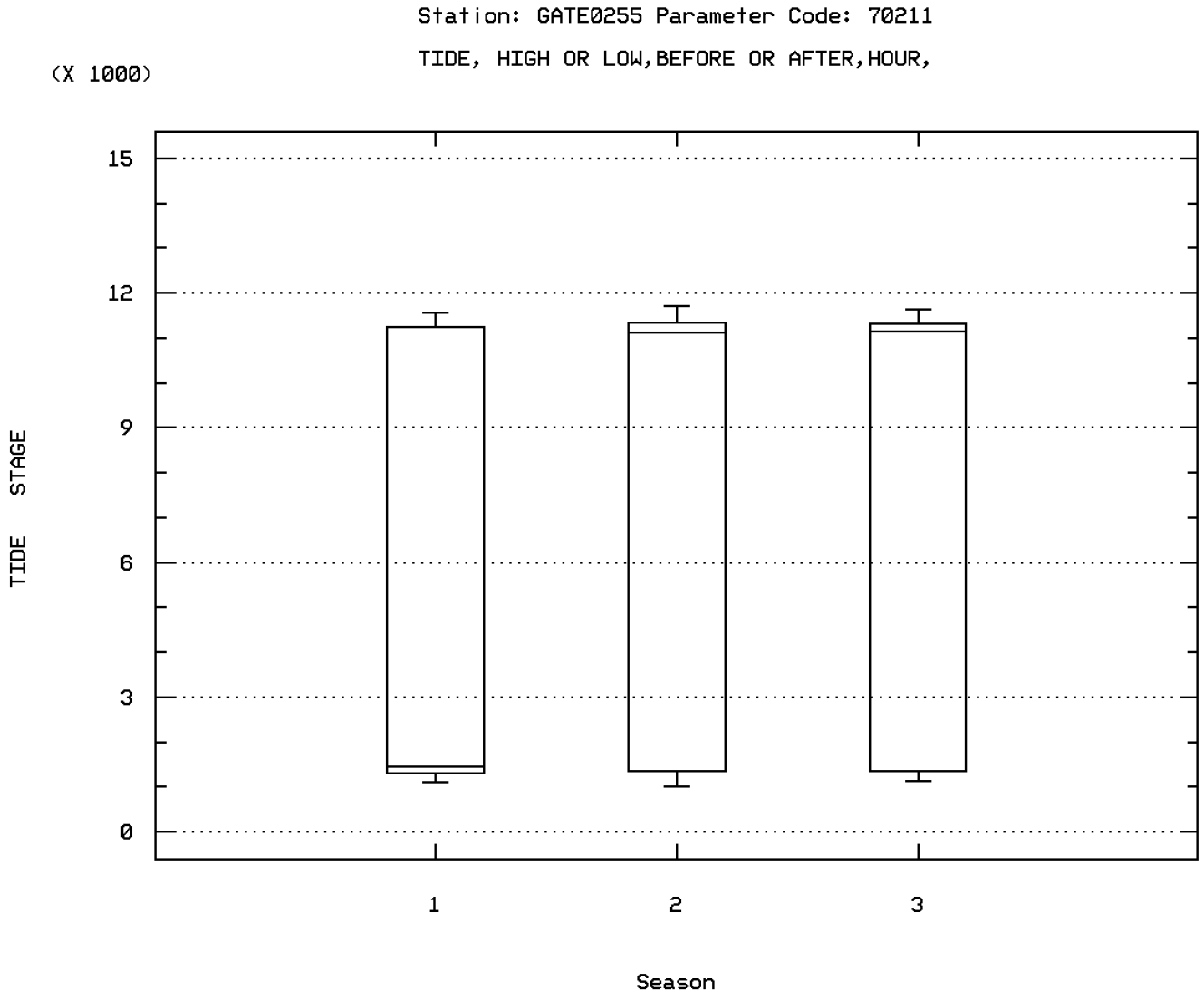
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: GATE0255 Parameter Code: 31505

LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C



NAVESINK RIVER



NAVESINK RIVER

Station Inventory for Station: GATE0256

NPS Station ID: GATE0256
LAT/LON: 40.448059/ -73.999642
Agency: 11NPSWRD
Date Created: 12/21/96
Location: Horseshoe Cove
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): GATE_SH-6
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METROPOLITAN AREA
ECO Region:
RF1 Index: 02030104
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
Station is located at Horseshoe Cove in the Sandy Hook Unit of Gateway National Recreation Area. This station can be found on the USGS 7.5 minute Sandy Hook N.Y.-N.J. quadrangle. Samples are collected in the northern reaches of Horseshoe Cove just south of the spur road which leaves west from the Main Sandy Hook Road. For additional information on the water quality data stored at this station; contact the Division of Natural Resources at Gateway National Recreation Area - Building 210; Fort Wadsworth; Staten Island N.Y. 10305 (tel. 718-448-5505; fax. 718-448-4015). The park produces an Annual Report summarizing each year's monitoring activities. Data processed and uploaded to STORET by Dean Tucker; NPS Water Resources Division; 1201 Oak Ridge Drive Ste. 250; Fort Collins CO 80525 (tel. 970-225-3516; fax. 970-225-9965).

Parameter Inventory for Station: GATE0256

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/02/88-08/30/95	118	41.5	452.847	11256.	0.	3060244.165	1749.355	0.	0.	116.	493.7
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/02/88-08/30/95	118	1.609	1.406	4.051	0.	1.208	1.099	0.	0.	2.064	2.693
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			25.439								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/17/77-07/05/77	4	450.	1257.5	4060.	70.	3524425.	1877.345	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/17/77-07/05/77	4	2.651	2.689	3.609	1.845	0.522	0.722	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			488.274								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/17/77-07/05/77	4	0.	0.	0.	0.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/17/77-07/05/77	4	0.	0.	0.	0.	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/30/95	122	25.5	62.566	603.	0.	11564.711	107.539	0.	0.	87.	172.7
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/30/95	122	1.402	1.064	2.78	0.	0.902	0.95	0.	0.	1.94	2.237
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			11.589								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0256

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	118	6	0.05	43	5	0.12				75	1	0.01			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	4	1	0.25							4	1	0.25			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	4	0	0.00							4	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	122	11	0.09	47	5	0.11				75	6	0.08			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1988 - Station GATE0256

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/02/88-08/30/95	15	6.	119.8	900.	0.	64480.886	253.931	0.	0.	105.	660.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/02/88-08/30/95	15	0.778	1.072	2.954	0.	1.068	1.033	0.	0.	2.021	2.801
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			11.814								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/30/95	17	11.	54.235	407.	0.	14375.316	119.897	0.	3.	30.5	345.4
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/30/95	17	1.041	1.016	2.61	0.	0.626	0.791	0.	0.389	1.437	2.537
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			10.387								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0256

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/02/88-08/30/95	22	171.5	1969.682	11256.	0.	13792971.942	3713.889	0.	19.25	1421.25	10458.7
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/02/88-08/30/95	22	2.229	2.117	4.051	0.	1.787	1.337	0.	1.267	3.098	4.017
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			130.818								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/30/95	22	0.	49.	603.	0.	17117.714	130.835	0.	0.	55.	149.3
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/30/95	22	0.	0.711	2.78	0.	0.884	0.94	0.	0.	1.74	2.154
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			5.137								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0256

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/02/88-08/30/95	15	29.	34.8	116.	0.	1225.457	35.007	0.	0.	58.	98.6
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/02/88-08/30/95	15	1.462	1.107	2.064	0.	0.69	0.831	0.	0.	1.763	1.989
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			12.796								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/30/95	15	0.	17.4	87.	0.	1057.257	32.515	0.	0.	29.	87.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/30/95	15	0.	0.474	1.94	0.	0.672	0.82	0.	0.	1.462	1.94
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.976								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0256

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/02/88-08/30/95	14	14.5	39.357	203.	0.	3183.786	56.425	0.	0.	58.	145.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/02/88-08/30/95	14	0.731	0.912	2.307	0.	0.925	0.962	0.	0.	1.763	2.124
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			8.159								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/30/95	14	58.	66.286	203.	0.	4195.758	64.775	0.	0.	123.25	174.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/30/95	14	1.763	1.346	2.307	0.	0.84	0.916	0.	0.	2.089	2.234
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			22.201								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0256

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/02/88-08/30/95	15	58.	203.	2001.	0.	254342.429	504.324	0.	0.	203.	957.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/02/88-08/30/95	15	1.763	1.475	3.301	0.	1.065	1.032	0.	0.	2.307	2.77
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			29.858								

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Annual Analysis for 1992 - Station GATE0256

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/30/95	15	29.	90.867	522.	0.	21369.41	146.183	0.	0.	87.	400.2
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/30/95	15	1.462	1.193	2.718	0.	1.119	1.058	0.	0.	1.94	2.589
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			15.583								

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Annual Analysis for 1993 - Station GATE0256

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/02/88-08/30/95	14	43.5	43.5	116.	0.	2037.808	45.142	0.	0.	87.	116.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/02/88-08/30/95	14	1.613	1.054	2.064	0.	0.919	0.959	0.	0.	1.94	2.064
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			11.333								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/30/95	16	29.	59.813	232.	0.	5098.563	71.404	0.	0.	87.	211.7
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/30/95	16	1.462	1.25	2.365	0.	0.833	0.913	0.	0.	1.94	2.325
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			17.765								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station GATE0256

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/02/88-08/30/95	11	66.	151.364	891.	0.	65721.655	256.362	0.	0.	203.	753.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/02/88-08/30/95	11	1.82	1.515	2.95	0.	1.087	1.043	0.	0.	2.307	2.821
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			32.713								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/30/95	11	30.	42.818	165.	0.	2570.764	50.703	0.	0.	66.	150.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/30/95	11	1.477	1.11	2.217	0.	0.822	0.907	0.	0.	1.82	2.165
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			12.89								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station GATE0256

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/02/88-08/30/95	12	87.	159.5	812.	0.	52677.182	229.515	0.	29.	195.75	672.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/02/88-08/30/95	12	1.914	1.69	2.91	0.	0.823	0.907	0.	1.462	2.291	2.799
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			48.966								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/30/95	12	87.	137.75	435.	0.	19897.295	141.058	0.	36.25	210.25	417.6
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/30/95	12	1.94	1.738	2.638	0.	0.767	0.876	0.	1.538	2.314	2.62
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			54.644								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0256

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/02/88-08/30/95	43	87.	1052.907	11256.	0.	7811038.467	2794.824	0.	29.	203.	4703.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/02/88-08/30/95	43	1.94	1.785	4.051	0.	1.431	1.196	0.	1.462	2.307	3.645
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			61.02								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/30/95	47	0.	59.	603.	0.	13473.043	116.073	0.	0.	58.	232.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/30/95	47	0.	0.847	2.78	0.	1.004	1.002	0.	0.	1.763	2.365
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			7.029								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0256

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/02/88-08/30/95	75	29.	108.813	2001.	0.	76012.424	275.704	0.	0.	87.	259.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/02/88-08/30/95	75	1.462	1.188	3.301	0.	0.967	0.983	0.	0.	1.94	2.404
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			15.405								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/30/95	75	29.	64.8	522.	0.	10521.595	102.575	0.	0.	87.	157.4
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/02/88-08/30/95	75	1.462	1.2	2.718	0.	0.802	0.895	0.	0.	1.94	2.195
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			15.855								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0257

NPS Station ID: GATE0257
LAT/LON: 40.486671/ -74.000005
Agency: REGII208
Date Created: 05/25/78
Location: LOWER NEW YORK BAY
FIPS State/County: 34025 NEW JERSEY/
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): NYC001B5 /B5
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC:
Depth of Water: 32
Aquifer:
Major Basin: AT RED BUOY 12 FLSH RED
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J.
TIDE CORRECTION (H/L): (-0:01/ 0:00)
ASSOCIATED NOAA WEATHER STATION: 7865

Parameter Inventory for Station: GATE0257

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/17/75-07/26/77	14	18.5	13.971	23.1	4.	62.095	7.88	4.2	5.325	20.75	22.3
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/17/75-09/17/75	2	34750.	34750.	35000.	34500.	125000.	353.553	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/17/75-07/26/77	14	7.55	7.529	9.5	4.	2.63	1.622	4.85	6.475	9.3	9.5
00310	BOD, 5 DAY, 20 DEG C MG/L	09/16/75-07/26/77	9	1.3	1.433	3.1	0.7	0.465	0.682	0.7	1.05	1.55	3.1
00400	PH (STANDARD UNITS)	09/16/75-12/17/76	5	7.6	7.54	7.8	7.1	0.073	0.27	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/16/75-12/17/76	5	7.6	7.464	7.8	7.1	0.08	0.283	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/16/75-12/17/76	5	0.025	0.034	0.079	0.016	0.001	0.026	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	09/17/75-09/17/75	2	25.5	25.5	26.	25.	0.5	0.707	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/16/75-07/26/77	9	8.	10.667	25.	4.	40.5	6.364	4.	6.5	13.5	25.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/16/75-07/26/77	8	0.213	0.183	0.32	0.038	0.009	0.095	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/16/75-07/26/77	9	0.022	0.087	0.322	0.007	0.012	0.11	0.007	0.019	0.167	0.322
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/16/75-07/26/77	9	0.095	0.104	0.24	0.025	0.006	0.08	0.025	0.034	0.17	0.24
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/16/75-07/26/77	9	0.63	0.731	1.18	0.56	0.039	0.198	0.56	0.595	0.82	1.18
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/16/75-07/26/77	9	0.165	0.204	0.36	0.09	0.01	0.098	0.09	0.125	0.305	0.36
00940	CHLORIDE,TOTAL IN WATER MG/L	09/23/75-07/26/77	13	15700.	15846.154	17700.	14400.	656025.641	809.954	14760.	15400.	16400.	17300.
01027	CADMIUM, TOTAL (UG/L AS CD)	12/09/76-12/09/76	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	12/09/76-12/09/76	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	12/09/76-12/09/76	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	12/09/76-12/09/76	1	8.	8.	8.	8.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	12/09/76-12/09/76	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	12/09/76-12/09/76	1	43.	43.	43.	43.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/16/75-07/26/77	9	230.	796.667	3100.	20.	1255350.	1120.424	20.	85.	1545.	3100.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/16/75-07/26/77	9	2.362	2.457	3.491	1.301	0.509	0.714	1.301	1.91	3.13	3.491
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			286.437								
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	09/16/75-07/26/77	9	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	09/16/75-07/26/77	9	0.699	0.699	0.699	0.699	0.	0.	0.699	0.699	0.699	0.699
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			5.								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	09/16/75-07/26/77	9	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	09/16/75-07/26/77	9	0.699	0.699	0.699	0.699	0.	0.	0.699	0.699	0.699	0.699
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			5.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/16/75-07/26/77	9	50.	193.333	790.	10.	74075.	272.167	10.	20.	350.	790.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/16/75-07/26/77	9	1.699	1.847	2.898	1.	0.468	0.684	1.	1.301	2.506	2.898
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			70.362								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GATE0257

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/16/75-07/26/77	9	0.056	0.061	0.108	0.044	0.	0.02	0.044	0.046	0.068	0.108
71900	MERCURY, TOTAL (UG/L AS HG)	12/09/76-12/09/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0257

				Total	Exceed	Prop.	----------8/01-10/31----------			----------11/01-3/31----------			----------4/01-7/31----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	14	1	0.07	2	0	0.00	6	0	0.00	6	1	0.17			
00400	PH	Other-Hi Lim.	9.	5	0	0.00	3	0	0.00	2	0	0.00						
		Other-Lo Lim.	6.5	5	0	0.00	3	0	0.00	2	0	0.00						
01027	CADMIUM, TOTAL	Marine Acute	43.	1	0	0.00				1	0	0.00						
01042	COPPER, TOTAL	Marine Acute	2.9	1	1	1.00				1	1	1.00						
01051	LEAD, TOTAL	Marine Acute	220.	1	0	0.00				1	0	0.00						
01067	NICKEL, TOTAL	Marine Acute	75.	1	0	0.00				1	0	0.00						
01092	ZINC, TOTAL	Marine Acute	95.	1	0	0.00				1	0	0.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	9	2	0.22	3	1	0.33	3	1	0.33	3	0	0.00			
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	9	0	0.00	3	0	0.00	3	0	0.00	3	0	0.00			
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	9	0	0.00	3	0	0.00	3	0	0.00	3	0	0.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	9	3	0.33	3	1	0.33	3	2	0.67	3	0	0.00			
71900	MERCURY, TOTAL	Marine Acute	2.1	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0258

NPS Station ID: GATE0258
LAT/LON: 40.382781/ -74.000559
Agency: 21NJDEP1
Date Created: 08/08/81
Location: NAVESINK RIVER
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 100080012D /1016D /SF03060
RMI-Indexes: 0133006 000020
Within Park Boundary: No
RMI-Miles: 0001.70 0001.20
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST MAJOR BASIN
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA
ECO Region:
RF1 Index: 02030104008
RF1 Mile Point: 1.080
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J.
TIDE CORRECTION (H/L): (+1:09/+1:45)
ASSOCIATED NOAA WEATHER STATION: 4987

Parameter Inventory for Station: GATE0258

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-05/10/83	53	16.	14.106	28.	0.	66.121	8.131	2.4	5.2	21.1	23.18
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-05/10/83	55	18.	17.595	31.	0.	58.053	7.619	7.2	11.	24.	28.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-05/10/83	69	6.	7.362	20.	0.	23.352	4.832	2.	3.5	10.	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-05/10/83	69	36.	142.971	2400.	1.5	124605.007	352.994	3.	10.	93.	240.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-05/10/83	69	1.556	1.521	3.38	0.176	0.579	0.761	0.477	0.998	1.968	2.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			33.193								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/19/74-05/10/83	64	10.	24.156	210.	1.5	1199.205	34.63	1.5	4.	23.	75.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/19/74-05/10/83	64	0.998	1.049	2.322	0.176	0.314	0.56	0.176	0.602	1.362	1.875
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.205								
31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	02/05/73-10/16/78	13	4.	5.231	11.	3.	11.026	3.32	3.	3.	7.5	11.
31678	LOG FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATI	02/05/73-10/16/78	13	0.602	0.655	1.041	0.477	0.052	0.227	0.477	0.477	0.822	1.041
31678	GM FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATIO	GEOMETRIC MEAN =			4.523								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-05/10/83	71	11145.	7343.972	11608.	1000.	24389763.256	4938.599	1145.	1315.	11318.	11445.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0258

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	69	3	0.04	10	0	0.00	24	2	0.08	35	1	0.03			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	64	1	0.02	10	0	0.00	19	1	0.05	35	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0258

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-05/10/83	10	20.5	20.4	27.	12.	28.711	5.358	12.	16.5	25.25	26.9
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-05/10/83	10	5.5	6.6	15.	0.	24.489	4.949	0.1	2.5	10.5	14.7
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-05/10/83	10	6.5	12.25	43.	1.5	163.847	12.8	1.75	4.	17.	41.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-05/10/83	10	0.778	0.889	1.633	0.176	0.198	0.445	0.219	0.602	1.223	1.606
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			7.737								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/19/74-05/10/83	10	4.	4.55	9.	1.5	8.303	2.881	1.5	1.5	7.5	9.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/19/74-05/10/83	10	0.602	0.569	0.954	0.176	0.093	0.306	0.176	0.176	0.872	0.954
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.707								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-05/10/83	10	11145.	8231.2	11415.	1145.	23540507.289	4851.856	1145.	1272.5	11315.75	11405.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0258

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-05/10/83	14	8.	8.143	17.	0.	17.363	4.167	2.	5.5	10.	15.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-05/10/83	23	5.	7.435	20.	0.	27.166	5.212	1.8	4.	10.	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-05/10/83	24	92.	255.771	2400.	1.5	262775.913	512.617	15.	26.25	210.	780.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-05/10/83	24	1.964	1.931	3.38	0.176	0.463	0.68	1.176	1.41	2.322	2.852
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			85.371								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/19/74-05/10/83	19	23.	43.921	210.	1.5	2552.507	50.522	4.	15.	75.	93.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/19/74-05/10/83	19	1.362	1.389	2.322	0.176	0.272	0.521	0.602	1.176	1.875	1.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			24.468								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-05/10/83	25	1430.	5316.	11608.	1000.	25360052.583	5035.877	1145.	1227.5	11322.5	11488.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0258

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-05/10/83	31	22.	20.958	31.	10.	32.355	5.688	14.	16.	25.5	28.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-05/10/83	36	7.5	7.528	20.	1.	21.799	4.669	2.	3.25	10.	12.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-05/10/83	35	36.	102.971	1100.	1.5	55752.058	236.119	1.5	7.	75.	240.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-05/10/83	35	1.556	1.42	3.041	0.176	0.544	0.738	0.176	0.845	1.875	2.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			26.328								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/19/74-05/10/83	35	9.	19.029	93.	1.5	510.102	22.585	1.5	4.	23.	55.8
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/19/74-05/10/83	35	0.954	1.003	1.968	0.176	0.278	0.527	0.176	0.602	1.362	1.73
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.059								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-05/10/83	36	11183.	8505.833	11600.	1145.	20785483.457	4559.11	1194.	1415.	11345.	11461.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0259

NPS Station ID: GATE0259 LAT/LON: 40.437505/ -74.001392 Agency: 1111H100 Date Created: 03/14/81
Location: HORSESHOE COVE SANDY HOOK N J IFF UNION BEACHNJ FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): RARB03
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02030104 Depth of Water: 8 Aquifer:
Major Basin: NORTHEAST Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON RIVER RARITAN BAY ECO Region:
RF1 Index: 02030104013 RF1 Mile Point: 3.870 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:
THIS STATION IS PART OF THE IFF SURVEY(STA.NO.NJ0001082) SAMPLE TAKEN
STATION 1000 FEET FROM SHORE IN HORSESHOE COVE SANDY HOOK N J 3102 SEDIMENT SAMPLE

Parameter Inventory for Station: GATE0259

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GATE0260

NPS Station ID: GATE0260 LAT/LON: 40.383337/ -74.001392 Agency: 21NJDEP1 Date Created: 08/08/81
Location: NAVESINK RIVER FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): 100080012E /1016E /SF03059
RMI-Indexes: 0133006 000020 Within Park Boundary: No
RMI-Miles: 0001.70 0001.20
HUC: 02030104 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST MAJOR BASIN Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA ECO Region:
RF1 Index: 02030104008 RF1 Mile Point: 1.080 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J. TIDE CORRECTION (H/L): (+1:09/+1:45)
ASSOCIATED NOAA WEATHER STATION: 4987

Parameter Inventory for Station: GATE0260

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-10/17/95	53	16.	14.106	28.	0.	66.121	8.131	2.4	5.2	21.1	23.18
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	167	17.	16.471	32.	0.	59.871	7.738	6.	10.	22.	27.04
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	185	7.	7.492	20.	0.	22.262	4.718	1.6	3.	10.	15.
00480	SALINITY - PARTS PER THOUSAND	06/27/85-08/22/85	5	21.	21.3	22.	20.5	0.45	0.671	**	**	**	**
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	153	23.	87.503	2400.	1.5	51326.35	226.553	4.	9.	93.	240.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	153	1.362	1.378	3.38	0.176	0.486	0.697	0.602	0.954	1.968	2.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			23.877								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	153	9.	24.242	240.	1.5	2094.51	45.766	1.5	4.	23.	43.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	153	0.954	0.979	2.38	0.176	0.321	0.567	0.176	0.602	1.362	1.633
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.529								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	30	9.1	18.6	93.	1.5	509.552	22.573	1.5	3.6	23.	38.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/88-08/08/95	30	0.959	1.003	1.968	0.176	0.272	0.521	0.176	0.556	1.362	1.578
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			10.078								
31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	07/17/74-10/16/78	8	4.	6.625	11.	4.	13.125	3.623	**	**	**	**
31678	LOG FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATI	07/17/74-10/16/78	8	0.602	0.767	1.041	0.602	0.052	0.227	**	**	**	**
31678	GM FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATIO	GEOMETRIC MEAN =			5.845								
70211p	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	187	11130.	6812.283	11706.	1000.	24925417.946	4992.536	1203.6	1334.	11315.	11448.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

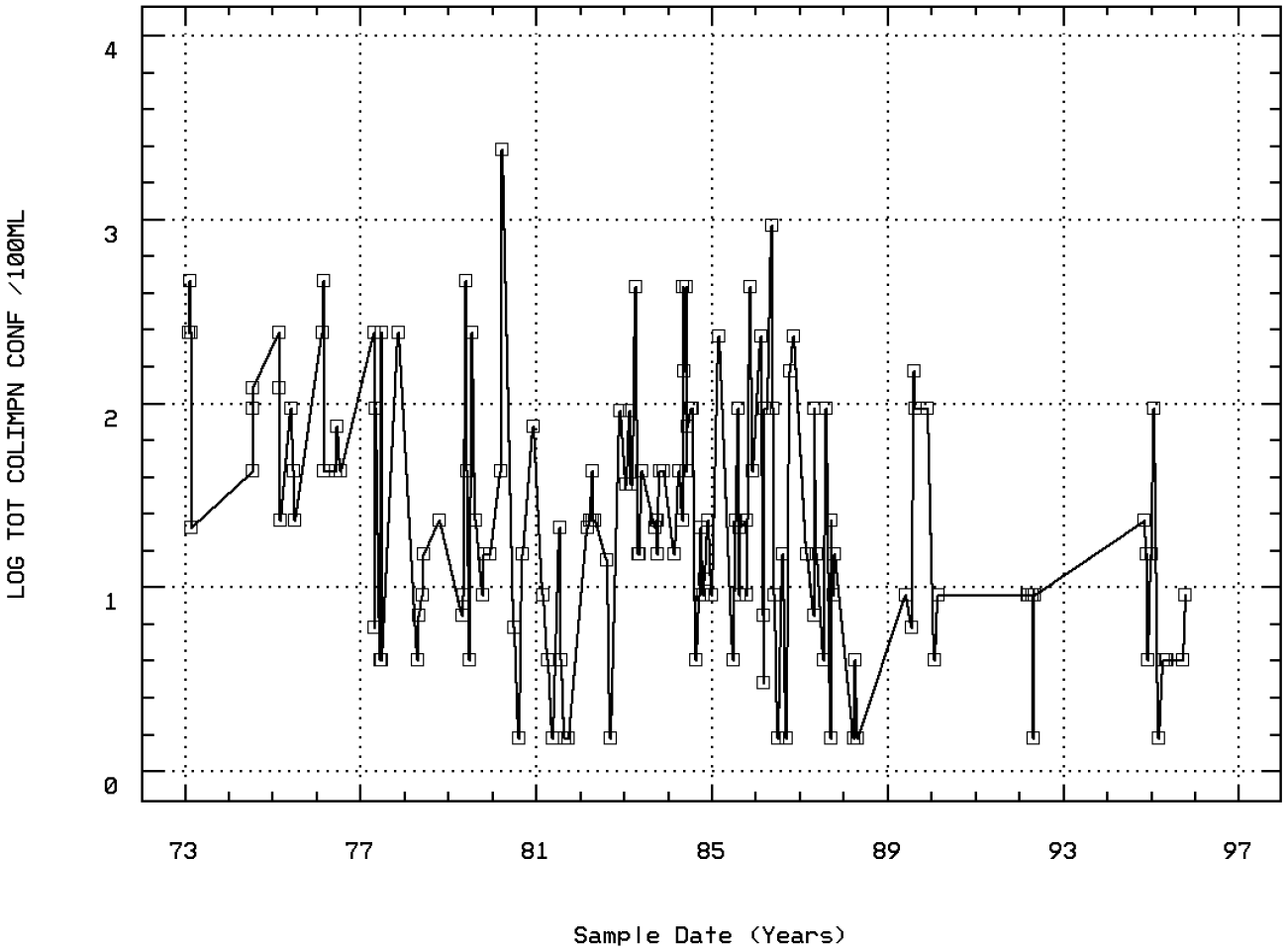
EPA Water Quality Criteria Analysis for Station: GATE0260

				Total	Exceed	Prop.	----------8/01-10/31----------			----------11/01-3/31----------			----------4/01-7/31----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	153	1	0.01	37	0	0.00	49	1	0.02	67	0	0.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	153	5	0.03	37	0	0.00	49	2	0.04	67	3	0.04			

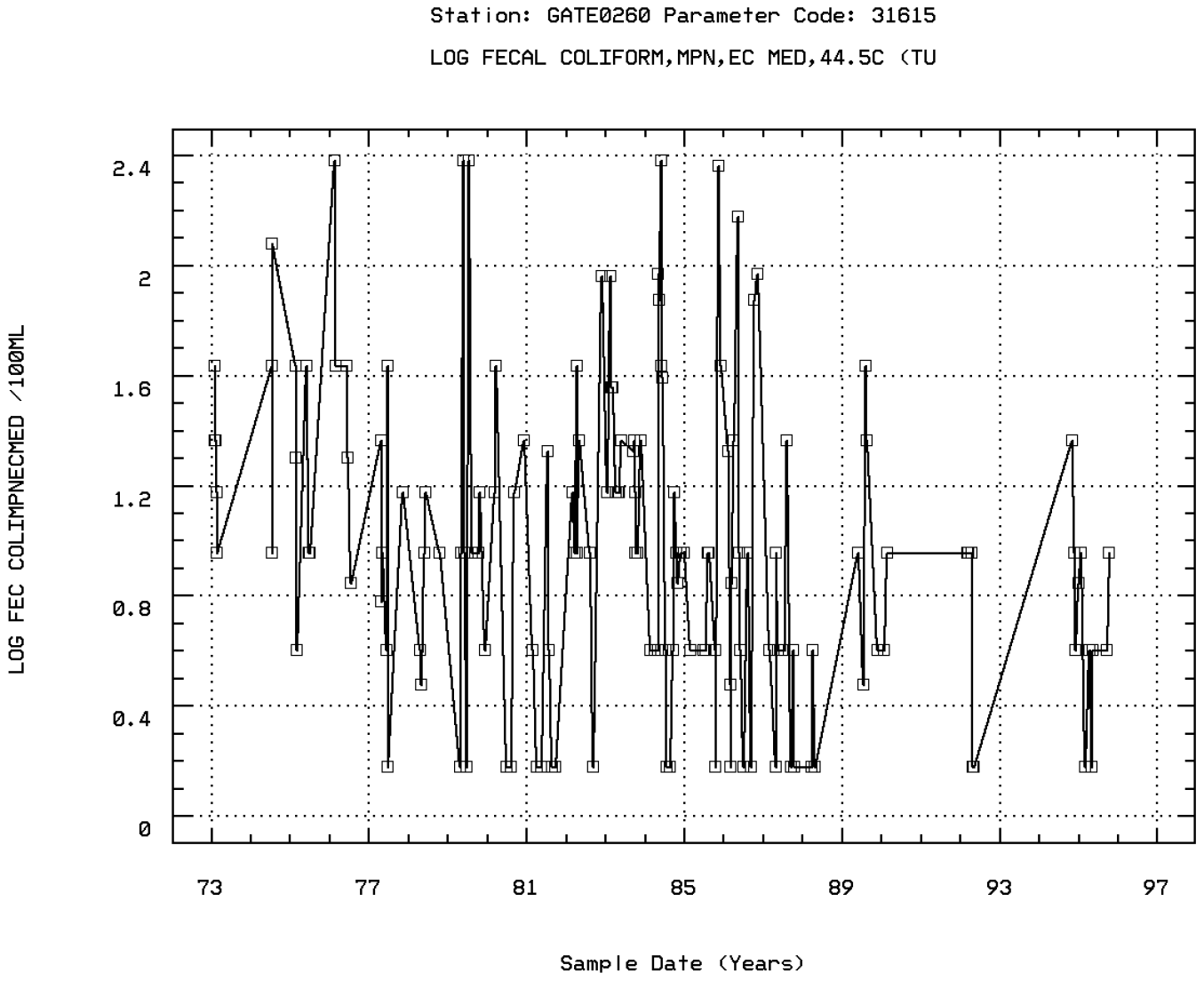
& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station: GATE0260 Parameter Code: 31505

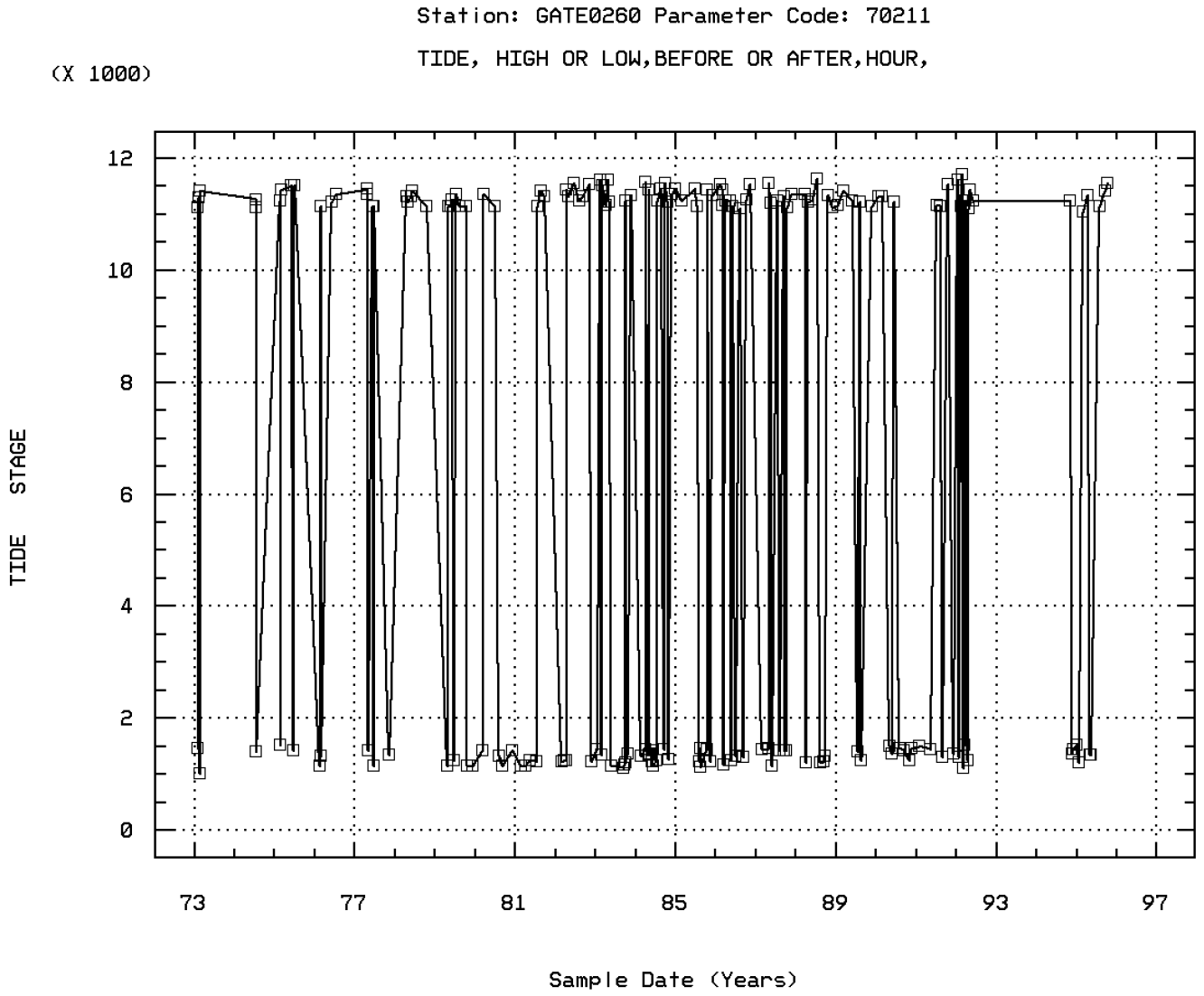
LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C



NAVESINK RIVER



NAVESINK RIVER



NAVESINK RIVER

Annual Analysis for 1973 - Station GATE0260

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	5	4.	3.6	6.	0.	5.3	2.302	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	5	240.	240.2	460.	21.	24090.2	155.21	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	5	2.38	2.225	2.663	1.322	0.27	0.519	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			167.928								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	5	23.	22.6	43.	9.	164.8	12.837	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	5	1.362	1.297	1.633	0.954	0.063	0.252	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			19.836								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	5	11115.	7255.	11415.	1000.	30362087.5	5510.18	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station GATE0260

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	3	10.	8.333	10.	5.	8.333	2.887	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	3	93.	85.333	120.	43.	1526.333	39.068	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	3	1.968	1.894	2.079	1.633	0.054	0.232	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			78.291								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	3	43.	57.333	120.	9.	3234.333	56.871	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	3	1.633	1.556	2.079	0.954	0.321	0.566	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			35.944								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	3	11115.	7920.	11245.	1400.	31887025.	5646.86	**	**	**	**

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Annual Analysis for 1975 - Station GATE0260

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	6	17.5	15.	20.	5.	40.	6.325	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	6	68.	90.333	240.	23.	6919.067	83.181	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	6	1.801	1.797	2.38	1.362	0.171	0.413	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			62.729								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	6	14.5	21.333	43.	4.	309.067	17.58	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	6	1.128	1.18	1.633	0.602	0.172	0.415	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			15.127								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	6	11330.	8100.833	11515.	1415.	26431894.167	5141.196	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station GATE0260

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	3	27.2	26.9	28.	25.5	1.63	1.277	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	4	4.5	3.75	5.	1.	3.583	1.893	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	6	59.	150.667	460.	43.	28833.867	169.805	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	6	1.754	1.97	2.663	1.633	0.199	0.447	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			93.269								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	6	43.	66.	240.	7.	7492.	86.556	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	6	1.633	1.571	2.38	0.845	0.253	0.503	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			37.25								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	5	11130.	7230.	11345.	1145.	30009475.	5478.09	**	**	**	**

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Annual Analysis for 1977 - Station GATE0260

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	7	18.	19.	28.	10.	78.333	8.851	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	6	4.	4.333	10.	1.	10.267	3.204	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	7	93.	118.143	240.	4.	13968.81	118.19	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	7	1.968	1.584	2.38	0.602	0.771	0.878	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			38.414								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	7	9.	14.5	43.	1.5	211.083	14.529	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	7	0.954	0.955	1.633	0.176	0.24	0.489	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.006								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	7	11145.	6997.857	11445.	1145.	28408557.143	5329.968	**	**	**	**

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Annual Analysis for 1978 - Station GATE0260

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	5	16.	17.8	24.	12.	25.2	5.02	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	5	5.	5.6	10.	0.	14.3	3.782	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	5	9.	11.6	23.	4.	56.8	7.537	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	5	0.954	0.988	1.362	0.602	0.086	0.294	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			9.724								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	5	9.	8.	15.	3.	23.	4.796	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	5	0.954	0.833	1.176	0.477	0.082	0.286	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.804								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	5	11315.	11281.	11415.	11145.	10780.	103.827	**	**	**	**

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Annual Analysis for 1979 - Station GATE0260

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	10	21.	19.1	28.	4.	52.989	7.279	4.8	13.5	24.25	27.7
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	10	7.5	7.	12.	2.	17.111	4.137	2.1	3.	10.5	12.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	10	15.	82.5	460.	4.	22688.056	150.626	4.3	8.5	92.25	438.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	10	1.176	1.375	2.663	0.602	0.45	0.671	0.626	0.927	1.82	2.635
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			23.692								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	10	9.	53.8	240.	1.5	9647.233	98.22	1.5	3.375	71.25	240.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	10	0.954	1.071	2.38	0.176	0.591	0.768	0.176	0.496	1.477	2.38
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.77								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	10	11145.	7185.	11345.	1145.	26804888.889	5177.344	1145.	1145.	11170.	11335.

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Annual Analysis for 1980 - Station GATE0260

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	6	14.	15.5	27.	6.	77.5	8.803	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	6	6.5	6.5	10.	4.	5.5	2.345	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	6	29.	423.417	2400.	1.5	938409.442	968.715	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	6	1.405	1.503	3.38	0.176	1.214	1.102	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			31.855								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	6	15.	16.5	43.	1.5	239.8	15.485	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	6	1.176	0.95	1.633	0.176	0.387	0.622	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.911								

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Annual Analysis for 1980 - Station GATE0260

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	6	1415.	4630.	11345.	1145.	26268670.	5125.297	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station GATE0260

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	7	20.	21.	31.	10.	41.667	6.455	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	7	10.	9.714	15.	3.	20.571	4.536	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	7	4.	6.071	21.	1.5	50.452	7.103	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	7	0.602	0.573	1.322	0.176	0.197	0.444	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			3.738								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	7 ##	1.5	5.	21.	1.5	51.167	7.153	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	7 ##	0.176	0.462	1.322	0.176	0.184	0.429	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.894								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	7	1245.	5517.857	11415.	1145.	29177257.143	5401.598	**	**	**	**

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Annual Analysis for 1982 - Station GATE0260

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	10	15.5	15.8	26.	4.	43.956	6.63	4.4	11.75	21.25	25.6
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	10	5.5	6.4	15.	1.	18.711	4.326	1.2	3.	10.	14.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	8	23.	29.938	91.	1.5	740.888	27.219	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	8	1.362	1.29	1.959	0.176	0.263	0.513	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			19.51								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	8	12.	25.063	91.	1.5	872.031	29.53	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	8	1.065	1.146	1.959	0.176	0.285	0.534	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			14.								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	10	11268.	7327.	11541.	1224.	27549574.	5248.769	1224.	1232.25	11449.25	11540.3

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Annual Analysis for 1983 - Station GATE0260

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	14	15.5	13.429	22.	0.	45.802	6.768	2.5	7.5	18.75	21.5
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	14	11.	9.786	15.	1.	27.874	5.28	1.	5.75	15.	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	14	36.	62.143	430.	15.	11594.286	107.677	15.	19.5	43.	260.5
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	14	1.556	1.553	2.633	1.176	0.146	0.383	1.176	1.286	1.633	2.296
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			35.691								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	14	18.	24.714	91.	9.	433.604	20.823	9.	15.	26.25	63.5
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	14	1.249	1.305	1.959	0.954	0.069	0.262	0.954	1.176	1.41	1.758
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			20.177								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	14	6295.	6313.929	11610.	1104.	27666647.764	5259.909	1120.5	1191.25	11378.75	11606.

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Annual Analysis for 1984 - Station GATE0260

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	17	19.	18.235	31.	2.	66.566	8.159	6.8	12.	25.	29.4
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	17	9.	8.235	15.	1.	21.191	4.603	1.8	3.5	12.	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	16	33.	92.	430.	4.	19034.667	137.966	7.5	12.	93.	430.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	16	1.498	1.581	2.633	0.602	0.355	0.596	0.849	1.075	1.968	2.633
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			38.105								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	16	8.	34.563	240.	1.5	3776.763	61.455	1.5	4.	42.	137.1
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	16	0.9	1.046	2.38	0.176	0.436	0.66	0.176	0.602	1.623	2.092
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.124								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	17	1436.	5466.176	11558.	1133.	26197137.529	5118.314	1198.6	1285.	11391.	11557.2

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Annual Analysis for 1985 - Station GATE0260

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	11	18.	19.273	32.	7.	58.418	7.643	7.8	12.	26.	30.8
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	11	3.	4.909	15.	2.	17.491	4.182	2.	2.	8.	13.8
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	11	23.	81.273	430.	4.	17739.818	133.191	5.	9.	93.	390.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	11	1.362	1.464	2.633	0.602	0.402	0.634	0.672	0.954	1.968	2.579
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			29.129								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	11	9.	29.682	230.	1.5	4544.814	67.415	2.	4.	9.	192.6
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	11	0.954	0.945	2.362	0.176	0.354	0.595	0.261	0.602	0.954	2.216
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.813								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	11	11126.	6767.	11448.	1118.	27541611.	5248.01	1137.2	1215.	11422.	11447.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GATE0260

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	13	19.	16.	29.	5.	74.167	8.612	5.4	6.5	22.5	28.2
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	13	4.	5.538	14.	1.	17.603	4.196	1.	2.5	9.	13.2
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	13	93.	142.769	930.	1.5	62877.984	250.755	1.5	5.	190.	650.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	13	1.968	1.506	2.968	0.176	0.845	0.919	0.176	0.661	2.269	2.726
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			32.064								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	13	9.	30.654	150.	1.5	2147.599	46.342	1.5	2.25	49.	127.2
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	13	0.954	1.005	2.176	0.176	0.485	0.696	0.176	0.327	1.618	2.093
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.115								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	13	11150.	8202.846	11536.	1151.	23250171.308	4821.843	1189.4	1314.5	11341.	11529.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GATE0260

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	8	13.	13.	22.	7.	24.571	4.957	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	12	5.	6.667	15.	1.	27.697	5.263	1.	1.25	11.5	14.7
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	10	15.	27.55	93.	1.5	1228.914	35.056	1.75	6.25	40.5	93.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	10	1.176	1.14	1.968	0.176	0.307	0.554	0.219	0.784	1.513	1.968
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			13.818								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	10	4.	5.4	23.	1.5	43.489	6.595	1.5	1.5	5.25	21.6
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	10	0.602	0.543	1.362	0.176	0.155	0.393	0.176	0.176	0.69	1.321
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.49								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GATE0260

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	12	6289.	6335.	11548.	1133.	26849160.364	5181.618	1214.9	1409.5	11295.	11487.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GATE0260

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	10	14.5	15.	26.	6.	42.	6.481	6.3	9.75	19.	25.9
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	10	6.	5.7	10.	0.	7.789	2.791	0.3	4.5	8.	9.8
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	3 ##	1.5	2.333	4.	1.5	2.083	1.443	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	3 ##	0.176	0.318	0.602	0.176	0.06	0.246	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			2.08								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	3 ##	1.5	2.333	4.	1.5	2.083	1.443	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	3 ##	0.176	0.318	0.602	0.176	0.06	0.246	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.08								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	10	11170.5	7283.4	11631.	1205.	27111918.933	5206.911	1205.1	1213.5	11331.5	11602.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0260

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	7	21.	19.571	28.	5.	74.619	8.638	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	7	5.	6.286	15.	1.	25.905	5.09	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	5	93.	70.2	150.	6.	3818.7	61.796	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	5	1.968	1.569	2.176	0.778	0.423	0.65	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			37.076								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	5	9.	16.4	43.	3.	284.8	16.876	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	5	0.954	1.006	1.633	0.477	0.241	0.491	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.133								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	7	11155.	8398.286	11408.	1230.	23424281.571	4839.864	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0260

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	9	19.	16.556	25.	5.	53.778	7.333	5.	8.5	22.5	25.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	9	10.	9.778	15.	4.	17.194	4.147	4.	6.	14.5	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	2	6.5	6.5	9.	4.	12.5	3.536	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	2	0.778	0.778	0.954	0.602	0.062	0.249	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			6.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	2	6.5	6.5	9.	4.	12.5	3.536	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	2	0.778	0.778	0.954	0.602	0.062	0.249	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	9	1457.	4693.889	11322.	1240.	24408284.361	4940.474	1240.	1378.	11259.5	11322.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0260

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	7	24.	20.286	30.	6.	88.905	9.429	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	7	8.	7.857	14.	1.	17.143	4.14	**	**	**	**
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	7	1503.	5631.286	11536.	1304.	27903820.571	5282.407	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0260

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	11	8.	11.	23.	5.	35.	5.916	5.2	6.	17.	22.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	11	8.	7.455	15.	1.	20.473	4.525	1.2	2.	10.	14.4
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	5	9.	7.5	9.	1.5	11.25	3.354	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	5	0.954	0.799	0.954	0.176	0.121	0.348	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			6.289								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	5	9.	6.	9.	1.5	16.875	4.108	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	5	0.954	0.643	0.954	0.176	0.182	0.426	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.395								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	11	11126.	7692.455	11706.	1102.	25785324.073	5077.925	1130.6	1303.	11428.	11688.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station GATE0260

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	3	10.	10.	15.	5.	25.	5.	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	3	14.	12.667	14.	10.	5.333	2.309	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	3	15.	14.	23.	4.	91.	9.539	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	3	1.176	1.047	1.362	0.602	0.157	0.396	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			11.133								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	3	9.	12.	23.	4.	97.	9.849	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	3	0.954	0.973	1.362	0.602	0.145	0.38	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.39								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	3	1426.	4669.333	11231.	1351.	32293008.333	5682.694	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station GATE0260

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	9	13.	12.	24.	1.	70.25	8.382	1.	2.5	19.	24.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	9	10.	10.667	14.	2.	14.	3.742	2.	10.	14.	14.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	8	4.	16.813	93.	1.5	965.71	31.076	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	8	0.602	0.835	1.968	0.176	0.295	0.543	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			6.845								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	8	4.	5.	9.	1.5	9.071	3.012	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	8	0.602	0.614	0.954	0.176	0.096	0.309	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.111								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	9	11046.	6874.111	11539.	1202.	27492932.861	5243.37	1202.	1344.	11373.	11539.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0260

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	44	20.5	20.523	32.	11.	30.348	5.509	12.	16.25	25.	27.5
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	47	6.	6.957	15.	0.	21.389	4.625	1.	3.	10.	15.
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	37	15.	27.108	150.	1.5	1448.835	38.064	1.5	9.	23.	93.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	37	1.176	1.109	2.176	0.176	0.312	0.558	0.176	0.954	1.362	1.968
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			12.856								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	37	9.	11.189	75.	1.5	191.033	13.821	1.5	1.5	15.	23.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	37	0.954	0.813	1.875	0.176	0.221	0.47	0.176	0.176	1.176	1.362
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.503								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	10	9.1	21.41	93.	3.6	695.792	26.378	4.15	9.1	24.5	86.6
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/88-08/08/95	10	0.959	1.145	1.968	0.556	0.152	0.39	0.597	0.959	1.387	1.918
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			13.948								
70211p	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	47	1459.	6185.617	11557.	1104.	25550091.198	5054.71	1151.4	1303.	11254.	11427.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0260

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	52	7.5	8.115	19.	0.	17.124	4.138	3.3	5.25	10.	14.7
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	61	8.	8.41	20.	0.	24.246	4.924	2.	4.5	14.	15.
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	49	36.	144.714	2400.	1.5	123430.656	351.327	4.	15.	230.	240.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	49	1.556	1.619	3.38	0.176	0.502	0.709	0.602	1.176	2.362	2.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			41.546								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	49	15.	29.48	240.	1.5	2341.906	48.393	4.	4.	36.	91.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	49	1.176	1.134	2.38	0.176	0.281	0.53	0.602	0.602	1.556	1.959
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			13.608								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	12	16.05	20.525	93.	1.5	668.447	25.854	1.5	3.15	23.	76.8
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/88-08/08/95	12	1.16	0.992	1.968	0.176	0.349	0.591	0.176	0.497	1.362	1.855
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			9.824								
70211p	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	63	11115.	6562.778	11706.	1000.	25470690.789	5046.85	1171.4	1345.	11345.	11512.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

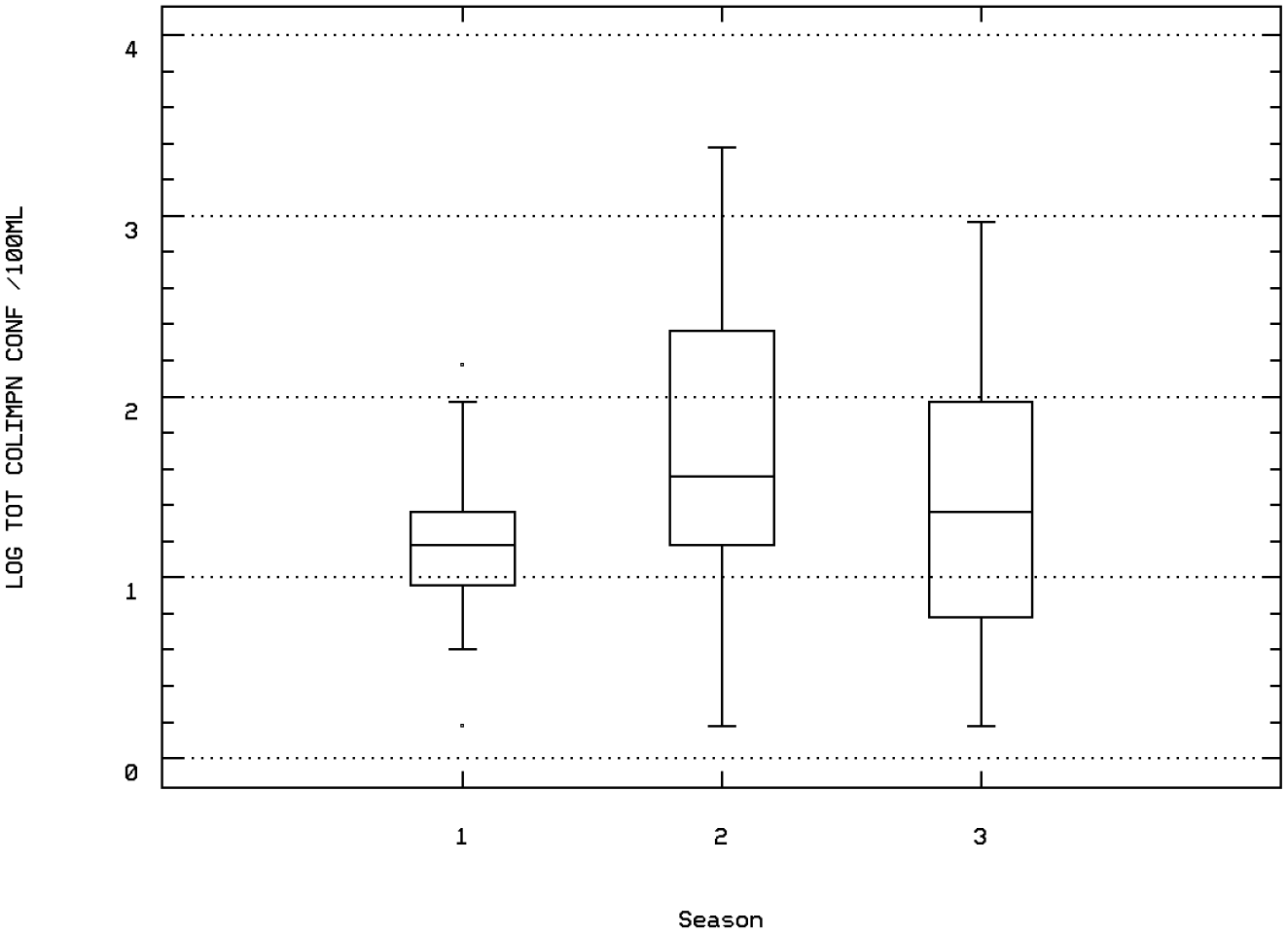
Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0260

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	71	20.	20.08	31.	8.	35.466	5.955	12.	15.	25.5	28.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	77	6.	7.091	20.	0.	20.794	4.56	2.	3.	10.	14.
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	67	23.	79.015	930.	1.5	23100.091	151.987	4.	6.	93.	240.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	67	1.362	1.351	2.968	0.176	0.501	0.708	0.602	0.778	1.968	2.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			22.415								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	67	9.	27.619	240.	1.5	2888.857	53.748	1.5	4.	23.	78.6
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	67	0.954	0.957	2.38	0.176	0.381	0.617	0.176	0.602	1.362	1.894
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.068								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	8	12.05	12.2	23.	1.5	101.549	10.077	**	**	**	**
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/88-08/08/95	8	1.068	0.844	1.362	0.176	0.324	0.569	**	**	**	**
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			6.975								
70211p	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	77	11145.	7398.935	11631.	1133.	24115276.746	4910.731	1213.	1347.	11312.5	11457.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: GATE0260 Parameter Code: 31505

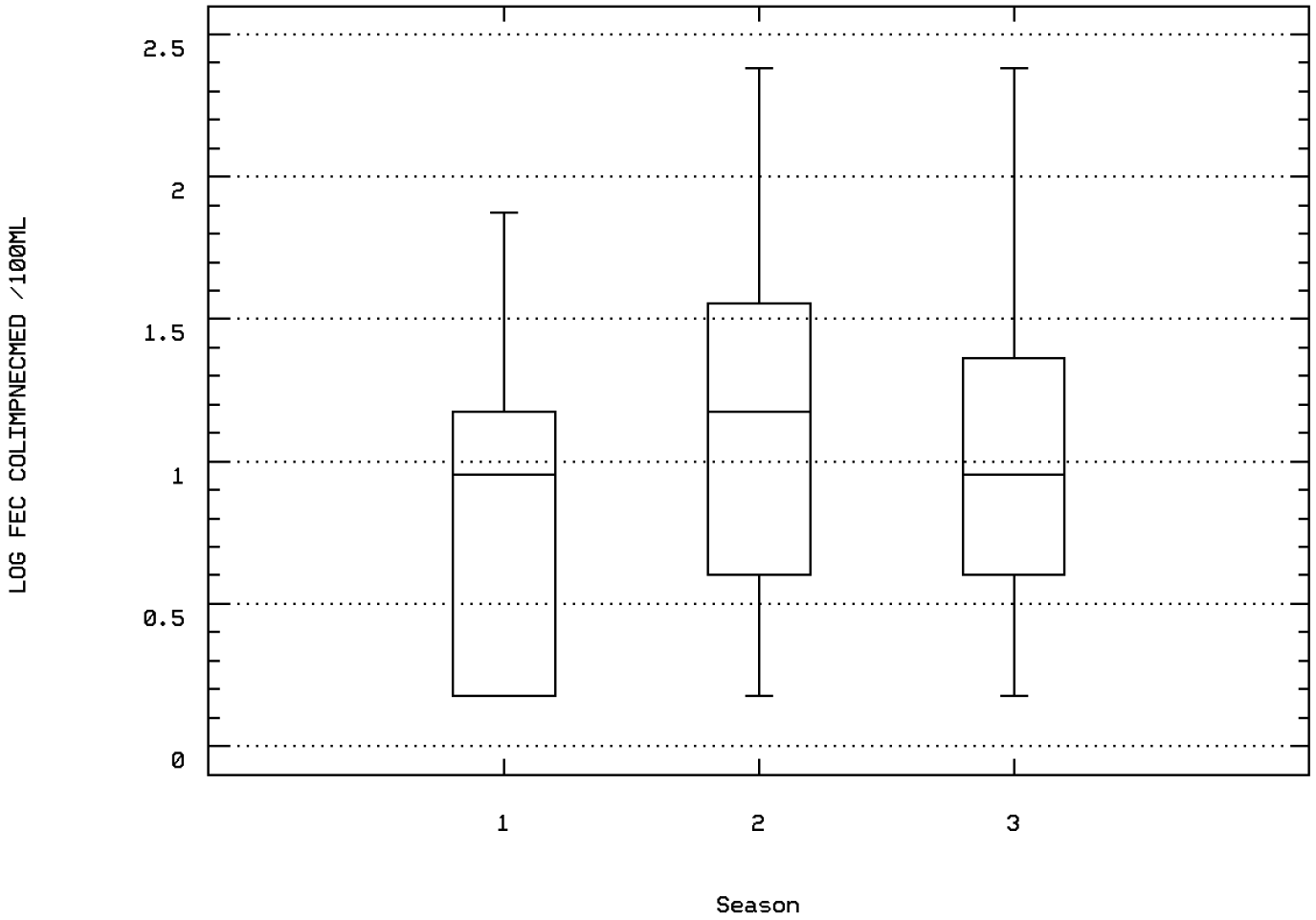
LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C



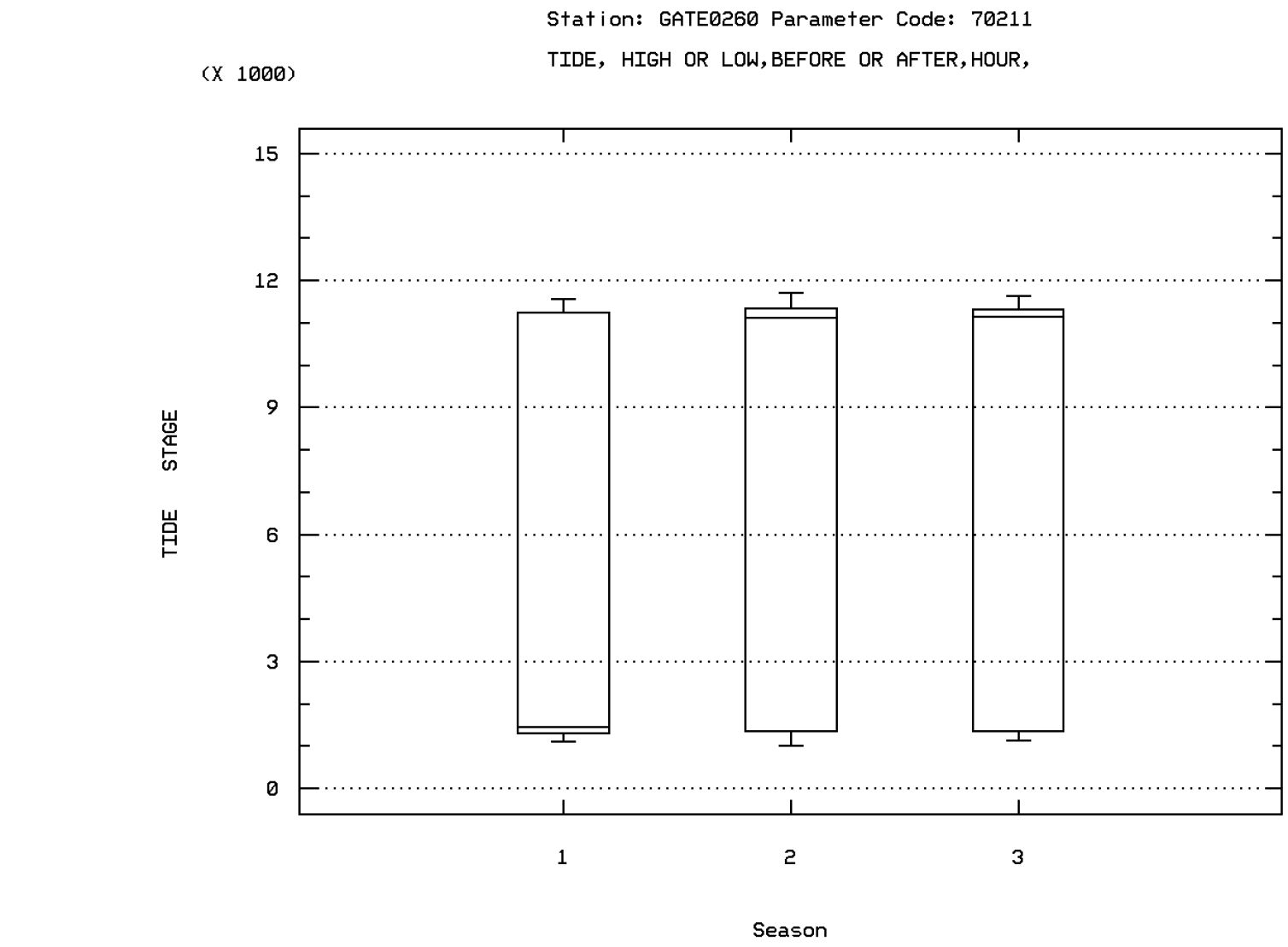
NAVESINK RIVER

Station: GATE0260 Parameter Code: 31615

LOG FECAL COLIFORM,MPN,EC MED,44.5C (TU



NAVESINK RIVER



NAVESINK RIVER

Station Inventory for Station: GATE0261

NPS Station ID: GATE0261 LAT/LON: 40.427781/ -74.001670 Agency: 21NJDEP1 Date Created: 04/04/81
Location: SANDY HOOK BAY FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): L6987236923 /906B /SF02047
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02030104 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST MAJOR BASIN Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA ECO Region:
RF1 Index: 02030104006 RF1 Mile Point: 7.650 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J. TIDE CORRECTION (H/L): (-0:01/ 0:00)
ASSOCIATED NOAA WEATHER STATION: 7865

Parameter Inventory for Station: GATE0261

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	65	18.	14.666	25.	-0.6	69.427	8.332	1.46	7.5	22.	23.3
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	158	19.	19.339	36.	0.	70.128	8.374	8.	12.	26.125	30.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	183	4.	4.754	20.	0.	13.703	3.702	1.	2.	7.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	164	15.	161.625	11000.	1.5	795056.832	891.66	1.5	4.	92.5	240.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	164	1.176	1.268	4.041	0.176	0.662	0.813	0.176	0.602	1.966	2.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			18.519								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	162	4.	34.802	2400.	1.5	36800.681	191.835	1.5	1.5	23.	65.4
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	162	0.602	0.855	3.38	0.176	0.4	0.633	0.176	0.176	1.362	1.803
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.168								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/15/90-05/18/92	18 ##	2.55	4.1	15.	1.5	15.053	3.88	1.5	1.5	4.975	9.69
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	05/15/90-05/18/92	18 ##	0.366	0.468	1.176	0.176	0.119	0.346	0.176	0.176	0.657	0.981
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			2.936								
31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	08/10/73-12/01/78	21	4.	5.333	9.	3.	7.233	2.689	3.	3.	9.	9.
31678	LOG FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATI	08/10/73-12/01/78	21	0.602	0.678	0.954	0.477	0.043	0.207	0.477	0.477	0.954	0.954
31678	GM FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATIO	GEOMETRIC MEAN =			4.762								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	184	11079.5	6638.201	11610.	0.	24711939.823	4971.111	1246.5	1400.	11300.	11419.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0261

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	164	6	0.04	39	1	0.03	52	4	0.08	73	1	0.01			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	162	2	0.01	38	0	0.00	51	1	0.02	73	1	0.01			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1973 - Station GATE0261

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	7	5.	6.	12.	3.	8.	2.828	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	7	9.	85.643	240.	1.5	12119.893	110.09	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	7	0.954	1.38	2.38	0.176	0.741	0.861	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			23.977								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	6	6.5	8.	23.	1.5	65.5	8.093	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	6	0.778	0.704	1.362	0.176	0.225	0.474	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.059								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	7	1500.	5546.429	11145.	1115.	27116689.286	5207.369	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station GATE0261

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	7	6.	6.714	15.	0.	34.238	5.851	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	7	43.	57.286	93.	43.	595.238	24.398	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	7	1.633	1.729	1.968	1.633	0.027	0.163	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			53.603								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	7	9.	25.286	93.	4.	1073.571	32.765	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	7	0.954	1.127	1.968	0.602	0.263	0.513	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			13.404								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	7	1445.	4227.857	11330.	1215.	23548440.476	4852.674	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GATE0261

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	10	7.5	8.3	20.	0.	34.9	5.908	0.2	4.25	11.25	19.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	10	93.	100.1	240.	23.	7284.767	85.351	23.	23.	172.5	240.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	10	1.968	1.829	2.38	1.362	0.184	0.429	1.362	1.362	2.227	2.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			67.435								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	10	6.5	13.6	43.	1.5	191.1	13.824	1.5	3.375	23.	41.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	10	0.778	0.883	1.633	0.176	0.277	0.526	0.176	0.496	1.362	1.606
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.641								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	10	1450.	5299.5	11500.	1130.	26381502.5	5136.293	1141.5	1308.75	11180.	11483.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GATE0261

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	10	26.	24.9	30.	10.	32.1	5.666	11.4	24.	28.25	29.9
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	9	3.	4.111	15.	1.	21.361	4.622	1.	1.	5.5	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	10	9.	125.95	1100.	1.5	117852.469	343.296	2.05	7.	34.5	999.3
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	10	0.954	1.185	3.041	0.176	0.617	0.785	0.243	0.845	1.374	2.934
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			15.301								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	10	4.	14.4	93.	1.5	798.6	28.26	1.5	1.5	12.	85.8
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	10	0.602	0.7	1.968	0.176	0.355	0.596	0.176	0.176	1.046	1.904
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.01								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	10	11300.	9353.5	11600.	1300.	17961355.833	4238.084	1303.	8755.	11418.75	11583.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GATE0261

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	8	21.	21.125	36.	6.	118.125	10.869	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	7	5.	4.143	10.	0.	10.81	3.288	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	7	93.	366.357	1100.	1.5	257863.06	507.802	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	7	1.968	1.851	3.041	0.176	1.141	1.068	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			71.022								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	7	15.	49.786	150.	1.5	4730.488	68.779	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	7	1.176	1.211	2.176	0.176	0.575	0.759	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			16.238								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	7	11230.	7060.	11400.	1315.	27839641.667	5276.328	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station GATE0261

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	9	26.	26.556	36.	15.	45.778	6.766	15.	22.	32.	36.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	9	5.	4.889	10.	2.	6.611	2.571	2.	2.5	6.5	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	9	4.	20.056	93.	1.5	936.153	30.597	1.5	4.	33.	93.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	9	0.602	0.906	1.968	0.176	0.358	0.598	0.176	0.602	1.498	1.968
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			8.046								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	9	4.	12.	43.	1.5	209.938	14.489	1.5	2.75	23.	43.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	9	0.602	0.791	1.633	0.176	0.283	0.532	0.176	0.389	1.362	1.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.178								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	9	11230.	6932.222	11530.	1300.	27806419.444	5273.179	1300.	1350.	11415.	11530.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GATE0261

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	6	18.5	17.167	28.	0.	108.967	10.439	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	6	1.5	3.	10.	0.	16.	4.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	6	125.5	266.583	1100.	1.5	179794.442	424.022	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	6	1.711	1.644	3.041	0.176	1.239	1.113	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			44.062								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	6	14.	19.917	43.	1.5	365.242	19.111	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	6	1.084	1.035	1.633	0.176	0.352	0.593	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.849								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	6	11330.	8081.667	11530.	1300.	26801736.667	5177.039	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station GATE0261

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	11	15.	16.364	30.	6.	70.255	8.382	6.2	9.	23.	29.8
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	11	3.	3.636	10.	0.	10.055	3.171	0.	1.	7.	9.4
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	11	4.	20.545	93.	1.5	1044.573	32.32	1.5	1.5	23.	89.4
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	11	0.602	0.828	1.968	0.176	0.459	0.677	0.176	0.176	1.362	1.95
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			6.726								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	11	4.	5.455	15.	1.5	24.773	4.977	1.5	1.5	9.	14.8
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	11	0.602	0.581	1.176	0.176	0.147	0.383	0.176	0.176	0.954	1.17
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.809								

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Annual Analysis for 1981 - Station GATE0261

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	11	1444.	4083.273	11300.	1216.	21354838.018	4621.13	1218.8	1321.	11230.	11300.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station GATE0261

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	10	17.	17.7	35.	9.	59.344	7.704	9.2	11.75	20.5	34.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	10	5.	4.9	8.	1.	4.989	2.234	1.2	3.	6.5	8.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	10	63.5	80.1	230.	15.	5092.989	71.365	15.	15.	127.5	222.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	10	1.758	1.719	2.362	1.176	0.201	0.448	1.176	1.176	2.103	2.343
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			52.305								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	9	15.	34.056	93.	1.5	1234.403	35.134	1.5	9.5	67.	93.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	9	1.176	1.259	1.968	0.176	0.35	0.592	0.176	0.889	1.796	1.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			18.15								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	10	6383.5	6355.5	11452.	1306.	27415230.944	5235.956	1308.5	1345.25	11321.25	11439.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station GATE0261

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	11	16.	17.727	29.	7.	47.018	6.857	7.8	12.	23.	28.4
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	11	5.	5.273	10.	1.	11.018	3.319	1.2	2.	8.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	11	15.	65.591	430.	1.5	15489.641	124.457	2.	4.	73.	362.2
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	11	1.176	1.303	2.633	0.176	0.509	0.714	0.261	0.602	1.863	2.499
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			20.088								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	11 ##	15.	49.818	430.	1.5	16040.114	126.65	1.5	4.	15.	352.6
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	11 ##	1.176	1.012	2.633	0.176	0.502	0.709	0.176	0.602	1.176	2.433
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.275								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	11	1542.	5899.455	11539.	1229.	27245481.273	5219.72	1233.	1249.	11406.	11518.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GATE0261

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	15	17.	16.933	30.	4.	69.924	8.362	5.2	8.	23.	29.4
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	15	5.	5.867	12.	1.	13.695	3.701	1.6	3.	10.	11.4
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	15	23.	105.333	930.	1.5	55248.202	235.049	1.5	4.	93.	498.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	15	1.362	1.377	2.968	0.176	0.646	0.804	0.176	0.602	1.968	2.581
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			23.81								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	15	9.	23.8	93.	1.5	986.386	31.407	1.5	1.5	43.	93.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	15	0.954	0.973	1.968	0.176	0.428	0.654	0.176	0.176	1.633	1.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.389								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	15	11125.	7954.6	11358.	1305.	22618289.257	4755.869	1330.2	1552.	11234.	11341.8

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Annual Analysis for 1985 - Station GATE0261

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	10	18.5	19.6	31.	9.	59.378	7.706	9.1	13.	26.5	30.7
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	10	4.5	4.6	9.	1.	8.489	2.914	1.1	2.	8.	8.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	10	4.	1107.5	11000.	1.5	12081751.278	3475.881	1.5	1.5	23.	9902.3
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	10	0.602	0.985	4.041	0.176	1.397	1.182	0.176	0.176	1.362	3.773
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			9.659								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	10 ##	1.5	242.35	2400.	1.5	574753.058	758.125	1.5	1.5	5.25	2160.9
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	10 ##	0.176	0.617	3.38	0.176	1.012	1.006	0.176	0.176	0.69	3.138
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.139								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	10	11145.	7270.9	11331.	1149.	26160168.1	5114.701	1165.2	1380.	11269.	11329.3

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Annual Analysis for 1986 - Station GATE0261

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	10	13.5	17.3	32.	4.	121.122	11.006	4.2	7.5	29.	31.7
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	10	3.	4.8	12.	1.	19.067	4.367	1.	1.75	10.25	11.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	10	17.	50.6	240.	4.	5433.156	73.71	4.	4.	79.5	225.3
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	10	1.202	1.302	2.38	0.602	0.412	0.642	0.602	0.602	1.898	2.339
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			20.048								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	10	5.5	23.75	93.	1.5	1372.792	37.051	1.5	1.5	40.5	93.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	10	0.724	0.883	1.968	0.176	0.472	0.687	0.176	0.176	1.513	1.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.639								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	10	6221.5	6251.8	11610.	1137.	28429168.622	5331.901	1139.1	1196.25	11237.25	11580.3

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Annual Analysis for 1987 - Station GATE0261

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	7	15.	17.286	33.	9.	69.571	8.341	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	10	2.	3.6	9.	1.	10.933	3.307	1.	1.	8.	8.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	10	29.	113.	430.	1.5	29367.944	171.371	1.5	5.625	197.5	430.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	10	1.405	1.407	2.633	0.176	0.827	0.91	0.176	0.678	2.218	2.633
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			25.545								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	10	19.	29.95	93.	1.5	1053.747	32.461	1.5	1.5	51.	91.2
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	10	1.269	1.098	1.968	0.176	0.509	0.713	0.176	0.176	1.694	1.959
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.529								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	10	11155.5	9253.9	11434.	1308.	17017804.544	4125.264	1332.5	8651.75	11255.75	11424.5

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Annual Analysis for 1988 - Station GATE0261

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	8	21.	19.	31.	2.	114.857	10.717	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	8	4.	4.75	12.	1.	11.357	3.37	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	8	3.5	6.563	23.	1.5	54.031	7.351	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	8	0.54	0.61	1.362	0.176	0.198	0.445	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			4.071								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	8 ##	2.25	5.625	23.	1.5	55.839	7.473	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	8 ##	0.327	0.512	1.362	0.176	0.197	0.444	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.254								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GATE0261

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	8	6274.5	6344.625	11452.	1336.	27684120.554	5261.57	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0261

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	7	18.	17.571	29.	1.	97.952	9.897	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	7	2.	3.143	8.	1.	7.143	2.673	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	6	14.	27.583	93.	1.5	1222.642	34.966	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	6	1.084	1.084	1.968	0.176	0.442	0.665	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			12.139								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	6	4.	18.917	93.	1.5	1320.242	36.335	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	6	0.602	0.799	1.968	0.176	0.375	0.612	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.3								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	7	1515.	5674.714	11416.	1342.	27968030.571	5288.481	**	**	**	**

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Annual Analysis for 1990 - Station GATE0261

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	8	19.5	20.5	31.	10.	70.857	8.418	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	8	3.5	3.625	8.	1.	5.696	2.387	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	2	6.5	6.5	9.	4.	12.5	3.536	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	2	0.778	0.778	0.954	0.602	0.062	0.249	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			6.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	2 ##	2.75	2.75	4.	1.5	3.125	1.768	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	2 ##	0.389	0.389	0.602	0.176	0.091	0.301	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.449								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	8	6283.	6274.375	11402.	1253.	27905564.554	5282.572	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0261

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	8	17.5	18.625	30.	11.	50.268	7.09	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	8	6.5	6.125	12.	1.	17.839	4.224	**	**	**	**
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	8	11182.5	7606.75	11521.	1248.	26158173.643	5114.506	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0261

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	7	22.	19.	28.	7.	77.333	8.794	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	7	4.	4.429	12.	1.	13.619	3.69	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	3	4.	10.	23.	3.	127.	11.269	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	3	0.602	0.814	1.362	0.477	0.229	0.479	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			6.511								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0261

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	3	4.	9.5	23.	1.5	138.25	11.758	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	3	0.602	0.713	1.362	0.176	0.361	0.601	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.168								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	7	11059.	6983.286	11418.	1100.	27830760.571	5275.487	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station GATE0261

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	5	25.	25.4	27.	24.	1.3	1.14	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	5	4.	3.6	5.	1.	2.3	1.517	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	4	## 1.5	11.875	43.	1.5	430.563	20.75	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	4	## 0.176	0.54	1.633	0.176	0.531	0.729	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			3.471								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	4	## 1.5	6.875	23.	1.5	115.563	10.75	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	4	## 0.176	0.473	1.362	0.176	0.351	0.593	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.968								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	5	1028.	4889.	11358.	0.	33417481.	5780.786	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station GATE0261

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	6	18.5	18.5	24.	13.	19.5	4.416	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	6	1.	1.5	4.	0.	1.9	1.378	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	6	25.	424.583	2400.	1.5	937786.442	968.394	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	6	1.239	1.413	3.38	0.176	1.391	1.179	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			25.907								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	6	5.5	16.583	75.	1.5	826.442	28.748	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	6	0.724	0.822	1.875	0.176	0.342	0.585	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.632								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	6	6353.	6352.167	11503.	1003.	29476343.367	5429.212	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station GATE0261

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	2	20.25	20.25	26.5	14.	78.125	8.839	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	2	4.5	4.5	8.	1.	24.5	4.95	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	2	## 2.75	2.75	4.	1.5	3.125	1.768	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	2	## 0.389	0.389	0.602	0.176	0.091	0.301	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			2.449								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	2	## 2.75	2.75	4.	1.5	3.125	1.768	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	2	## 0.389	0.389	0.602	0.176	0.091	0.301	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.449								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	2	6379.5	6379.5	11256.	1503.	47560504.5	6896.412	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0261

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	14	23.3	22.757	25.	16.	5.698	2.387	18.	21.925	24.25	25.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	37	23.	22.568	36.	7.	48.363	6.954	13.4	17.5	27.	31.6
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	45	4.	4.822	12.	0.	9.559	3.092	1.	2.5	6.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	39	9.	104.167	2400.	1.5	149711.149	386.925	1.5	1.5	43.	240.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	39	0.954	1.074	3.38	0.176	0.686	0.829	0.176	0.176	1.633	2.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			11.866								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	38	4.	16.039	93.	1.5	667.316	25.832	1.5	1.5	17.	75.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	38	0.602	0.756	1.968	0.176	0.373	0.611	0.176	0.176	1.223	1.875
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.706								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	45	11050.	6861.711	11452.	1115.	24411432.937	4940.793	1251.4	1444.	11222.5	11412.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0261

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	20	5.	4.13	10.	-0.6	9.83	3.135	0.65	1.25	7.75	0.26
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	47	10.	10.085	17.	0.	17.384	4.169	4.	8.	13.	16.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	59	4.	5.	20.	0.	20.31	4.507	0.	1.	8.	11.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	52	43.	342.288	11000.	1.5	2336738.67	1528.639	4.	15.	93.	373.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	52	1.633	1.662	4.041	0.176	0.589	0.768	0.602	1.176	1.968	2.557
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			45.878								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	51	15.	73.186	2400.	1.5	111767.76	334.317	1.5	4.	23.	93.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	51	1.176	1.12	3.38	0.176	0.43	0.655	0.176	0.602	1.362	1.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			13.187								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	59	1542.	5758.102	11600.	1003.	24791492.196	4979.106	1245.	1330.	11259.	11437.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0261

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	31	20.	17.81	23.	0.	24.649	4.965	11.2	16.	21.	22.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	74	26.	23.601	35.	10.	37.185	6.098	14.5	18.75	28.	30.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	79	4.	4.532	15.	0.	11.38	3.373	1.	2.	7.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	73	7.	63.63	1100.	1.5	30618.743	174.982	1.5	4.	41.	138.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	73	0.845	1.09	3.041	0.176	0.554	0.744	0.176	0.602	1.612	2.137
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			12.31								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	73	4.	17.753	430.	1.5	2806.876	52.98	1.5	1.5	12.	43.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	73	0.602	0.722	2.633	0.176	0.332	0.577	0.176	0.176	1.065	1.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.272								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	80	11148.5	7161.55	11610.	0.	24562226.453	4956.029	1229.1	1352.5	11300.75	11428.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0262

NPS Station ID: GATE0262
LAT/LON: 40.440837/ -74.001670
Agency: 21NYDEC2
Date Created: 02/09/79
Location: SANDY HOOK
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): 17F01020
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: DELAWARE RIVER - ZONE 2
ECO Region:
RF1 Index: 02030104006
RF1 Mile Point: 7.360
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
DATA FROM NEW YORK DEPARTMENT OF ENVIRONMENTAL CONSERVATION FISH TISSUE SAMPLES ANALYZED FOR TOXICS SAMPLE TAKEN FROM SANDY HOOK

Parameter Inventory for Station: GATE0262

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34690	PCB - 1254 WET WGTTISMG/KG	07/16/76-07/16/76	2	1.415	1.415	1.45	1.38	0.002	0.049	**	**	**	**
39105	PERCENT FAT HEXANE EXTRACTION	07/16/76-07/16/76	2	4.95	4.95	6.3	3.6	3.645	1.909	**	**	**	**
39515	PCBS (MG/KG) FISH TISSUE MG/KG	07/16/76-07/16/76	2	1.415	1.415	1.45	1.38	0.002	0.049	**	**	**	**
81371	PCBS AROCLOR 1016&1242 IN FISH TISSUE WET WGT UG/G	07/16/76-07/16/76	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	07/16/76-07/16/76	2	6.	6.	6.	6.	0.	0.	**	**	**	**
81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	07/16/76-07/16/76	2	1.	1.	1.	1.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GATE0263

NPS Station ID: GATE0263 LAT/LON: 40.381670/ -74.002227 Agency: 21NJDEP1 Date Created: 08/08/81
Location: NAVESINK RIVER FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): 1000800121 /1016G /SF03057
RMI-Indexes: 0133006 000020 Within Park Boundary: No
RMI-Miles: 0001.70 0001.21
HUC: 02030104 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST MAJOR BASIN Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA ECO Region:
RF1 Index: 02030104008 RF1 Mile Point: 1.080 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J. TIDE CORRECTION (H/L): (+1:09/+1:45)
ASSOCIATED NOAA WEATHER STATION: 4987

Parameter Inventory for Station: GATE0263

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-02/28/73	5	1.7	1.78	3.3	0.	2.297	1.516	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-02/28/73	5	4.	3.6	6.	0.	5.3	2.302	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-02/28/73	5	140.	134.4	230.	36.	9418.8	97.051	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-02/28/73	5	2.146	1.996	2.362	1.556	0.169	0.411	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			99.183								
31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	02/05/73-02/28/73	5	3.	3.	3.	3.	0.	0.	**	**	**	**
31678	LOG FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATI	02/05/73-02/28/73	5	0.477	0.477	0.477	0.477	0.	0.	**	**	**	**
31678	GM FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATIO	GEOMETRIC MEAN =			3.								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-02/28/73	5	11115.	7255.	11415.	1000.	30362087.5	5510.18	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0263

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	5	0	0.00				5	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0264

NPS Station ID: GATE0264
LAT/LON: 40.378893/ -74.002504
Agency: 21NJDEP1
Date Created: 08/08/81
Location: NAVESINK RIVER
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 1000800122 /1016F /SF03058
RMI-Indexes: 0133006 000020
Within Park Boundary: No
RMI-Miles: 0001.70 0001.22
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST MAJOR BASIN
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA
ECO Region:
RF1 Index: 02030104008
RF1 Mile Point: 1.230
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J.
TIDE CORRECTION (H/L): (+1:09/+1:45)
ASSOCIATED NOAA WEATHER STATION: 4987

Parameter Inventory for Station: GATE0264

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-07/01/75	8	3.3	9.025	21.1	0.	101.294	10.064	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-07/01/75	8	5.5	8.5	20.	0.	58.286	7.635	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-07/01/75	8	29.5	272.75	930.	15.	168794.786	410.846	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-07/01/75	8	1.459	1.861	2.968	1.176	0.599	0.774	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			72.676								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/04/75-07/01/75	3	20.	17.333	23.	9.	54.333	7.371	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/04/75-07/01/75	3	1.301	1.206	1.362	0.954	0.048	0.22	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			16.057								
31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	02/05/73-02/28/73	5	3.	3.	3.	3.	0.	0.	**	**	**	**
31678	LOG FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATI	02/05/73-02/28/73	5	0.477	0.477	0.477	0.477	0.	0.	**	**	**	**
31678	GM FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATIO	GEOMETRIC MEAN =			3.								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-07/01/75	8	11207.5	7588.125	11515.	1000.	27261970.982	5221.3	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0264

				Total	Exceed	Prop.	----------8/01-10/31----------			----------11/01-3/31----------			----------4/01-7/31----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	8	0	0.00				5	0	0.00	3	0	0.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	3	0	0.00							3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0265

NPS Station ID: GATE0265
LAT/LON: 40.417504/ -74.002504
Agency: 21NJDEP1
Date Created: 04/04/81
Location: SANDY HOOK BAY
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): L6985836862 /906 /SF02029 /C14
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST MAJOR BASIN
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA
ECO Region:
RF1 Index: 02030104006
RF1 Mile Point: 7.750
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J.
TIDE CORRECTION (H/L): (-0:01/ 0:00)
ASSOCIATED NOAA WEATHER STATION: 7865

Parameter Inventory for Station: GATE0265

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GATE0266

NPS Station ID: GATE0266 LAT/LON: 40.388892/ -74.003337 Agency: 21NJDEP1 Date Created: 08/08/81
Location: NAVESINK RIVER FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): 1000800145 /1015 /SF03065
RMI-Indexes: 0133006 000020 Within Park Boundary: No
RMI-Miles: 0001.70 0001.45
HUC: 02030104 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST MAJOR BASIN Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA ECO Region:
RF1 Index: 02030104 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J. TIDE CORRECTION (H/L): (+1:09/+1:45)
ASSOCIATED NOAA WEATHER STATION: 4987

Parameter Inventory for Station: GATE0266

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/17/74-10/17/95	48	17.5	15.39	28.	0.	55.114	7.424	4.	10.5	21.1	23.37
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	166	17.	16.522	32.	0.	59.796	7.733	6.	10.	22.25	27.06
00035	WIND VELOCITY (MILES PER HOUR)	07/17/74-10/17/95	179	8.	7.631	20.	0.	22.279	4.72	2.	4.	10.	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/17/74-10/17/95	150	23.	220.23	11000.	1.5	990860.093	995.42	4.	9.	93.	375.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/17/74-10/17/95	150	1.362	1.525	4.041	0.176	0.574	0.758	0.602	0.954	1.968	2.57
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			33.468								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	150	10.	136.66	11000.	1.5	850646.068	922.305	3.	4.	43.	93.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	150	0.998	1.194	4.041	0.176	0.471	0.686	0.477	0.602	1.633	1.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			15.622								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	30	9.1	25.387	150.	1.5	1274.452	35.699	1.5	3.6	23.	93.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/88-08/08/95	30	0.959	1.049	2.176	0.176	0.335	0.579	0.176	0.556	1.362	1.968
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			11.2								
31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	07/17/74-10/16/78	8	4.	6.625	11.	4.	13.125	3.623	**	**	**	**
31678	LOG FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATI	07/17/74-10/16/78	8	0.602	0.767	1.041	0.602	0.052	0.227	**	**	**	**
31678	GM FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATIO	GEOMETRIC MEAN =			5.845								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	07/17/74-10/17/95	181	11150.	8665.74	99984.	1000.	165385641.116	12860.235	1300.	1403.5	11347.5	11542.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0266

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	150	4	0.03	37	0	0.00	45	0	0.00	68	4	0.06			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	150	12	0.08	37	3	0.08	45	2	0.04	68	7	0.10			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1974 - Station GATE0266

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	07/17/74-10/17/95	3	10.	8.333	10.	5.	8.333	2.887	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/17/74-10/17/95	3	43.	96.667	240.	7.	15732.333	125.429	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/17/74-10/17/95	3	1.633	1.62	2.38	0.845	0.589	0.768	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			41.648								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	3	43.	96.667	240.	7.	15732.333	125.429	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	3	1.633	1.62	2.38	0.845	0.589	0.768	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			41.648								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	07/17/74-10/17/95	3	11045.	7863.333	11215.	1330.	32020558.333	5658.671	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GATE0266

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	07/17/74-10/17/95	6	17.5	15.	20.	5.	40.	6.325	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/17/74-10/17/95	6	68.	153.	460.	39.	28522.8	168.887	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/17/74-10/17/95	6	1.801	1.978	2.663	1.591	0.204	0.451	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			95.114								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	6	23.	22.833	43.	4.	152.967	12.368	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	6	1.362	1.274	1.633	0.602	0.121	0.348	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			18.785								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	07/17/74-10/17/95	6	11200.	8060.833	11545.	1445.	26284354.167	5126.827	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station GATE0266

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	3	27.2	26.9	28.	25.5	1.63	1.277	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	07/17/74-10/17/95	4	4.5	3.75	5.	1.	3.583	1.893	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/17/74-10/17/95	6	59.	254.	1100.	23.	178071.2	421.985	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/17/74-10/17/95	6	1.754	1.988	3.041	1.362	0.384	0.62	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			97.175								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	6	33.	204.167	1100.	7.	192850.567	439.148	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	6	1.498	1.578	3.041	0.845	0.624	0.79	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			37.865								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	07/17/74-10/17/95	5	11245.	7361.	11500.	1300.	29970555.	5474.537	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GATE0266

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	7	18.	19.	28.	10.	78.333	8.851	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	07/17/74-10/17/95	6	4.	4.333	10.	1.	10.267	3.204	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/17/74-10/17/95	7	23.	59.714	150.	4.	4389.905	66.256	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/17/74-10/17/95	7	1.362	1.427	2.176	0.602	0.428	0.654	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			26.742								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	7	9.	18.643	43.	1.5	323.726	17.992	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	7	0.954	1.029	1.633	0.176	0.298	0.546	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.702								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	07/17/74-10/17/95	7	11300.	7147.143	11600.	1300.	28483223.81	5336.968	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GATE0266

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	5	16.	17.8	24.	12.	25.2	5.02	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	07/17/74-10/17/95	5	5.	5.6	10.	0.	14.3	3.782	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/17/74-10/17/95	5	9.	10.5	23.	1.5	75.5	8.689	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/17/74-10/17/95	5	0.954	0.854	1.362	0.176	0.224	0.473	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			7.146								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	5	4.	8.3	23.	1.5	74.95	8.657	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	5	0.602	0.739	1.362	0.176	0.197	0.444	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.486								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	07/17/74-10/17/95	5	11430.	11404.	11530.	11300.	8380.	91.542	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station GATE0266

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	10	21.	19.1	28.	4.	52.989	7.279	4.8	13.5	24.25	27.7
00035	WIND VELOCITY (MILES PER HOUR)	07/17/74-10/17/95	10	7.5	7.	12.	2.	17.111	4.137	2.1	3.	10.5	12.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/17/74-10/17/95	10	68.	116.1	240.	4.	12014.767	109.612	4.5	9.	240.	240.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/17/74-10/17/95	10	1.801	1.727	2.38	0.602	0.471	0.687	0.637	0.954	2.38	2.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			53.294								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	10	43.	72.6	240.	4.	8538.933	92.406	4.	6.25	129.75	240.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	10	1.633	1.463	2.38	0.602	0.461	0.679	0.602	0.784	2.071	2.38
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			29.059								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	07/17/74-10/17/95	10	11300.	7340.	11500.	1300.	26804888.889	5177.344	1300.	1300.	11325.	11490.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GATE0266

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	6	14.	15.5	27.	6.	77.5	8.803	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	07/17/74-10/17/95	6	6.5	6.5	10.	4.	5.5	2.345	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/17/74-10/17/95	5	15.	17.3	43.	1.5	281.2	16.769	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/17/74-10/17/95	5	1.176	0.99	1.633	0.176	0.35	0.592	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			9.77								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	5	9.	8.8	23.	1.5	77.075	8.779	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	5	0.954	0.724	1.362	0.176	0.278	0.528	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.302								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	07/17/74-10/17/95	6	1530.	4765.	11500.	1300.	26425070.	5140.532	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station GATE0266

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	7	20.	21.	31.	10.	41.667	6.455	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	07/17/74-10/17/95	7	10.	9.714	15.	3.	20.571	4.536	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/17/74-10/17/95	7	9.	9.071	23.	1.5	49.369	7.026	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/17/74-10/17/95	7	0.954	0.83	1.362	0.176	0.152	0.39	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			6.761								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	7	3.	6.429	23.	1.5	59.869	7.738	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	7	0.477	0.603	1.362	0.176	0.183	0.427	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.013								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station GATE0266

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	07/17/74-10/17/95	7	1400.	5655.714	11530.	1300.	29079161.905	5392.51	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station GATE0266

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	10	15.5	15.8	26.	4.	43.956	6.63	4.4	11.75	21.25	25.6
00035	WIND VELOCITY (MILES PER HOUR)	07/17/74-10/17/95	10	5.5	6.4	15.	1.	18.711	4.326	1.2	3.	10.	14.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/17/74-10/17/95	10	18.	29.5	140.	3.	1635.833	40.445	3.6	9.	28.	130.3
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/17/74-10/17/95	10	1.249	1.234	2.146	0.477	0.205	0.453	0.525	0.954	1.43	2.095
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			17.144								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	10	9.	13.55	72.	1.5	437.803	20.924	1.65	3.75	10.5	66.3
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	10	0.954	0.871	1.857	0.176	0.208	0.457	0.206	0.571	1.01	1.789
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.426								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	07/17/74-10/17/95	10	11382.	16273.9	99984.	1338.	890465999.433	29840.677	1338.	1346.25	11563.25	91150.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station GATE0266

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	14	15.5	13.429	22.	0.	45.802	6.768	2.5	7.5	18.75	21.5
00035	WIND VELOCITY (MILES PER HOUR)	07/17/74-10/17/95	14	11.	9.786	15.	1.	27.874	5.28	1.	5.75	15.	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/17/74-10/17/95	14	29.5	115.643	930.	4.	58500.863	241.87	6.5	15.	91.5	580.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/17/74-10/17/95	14	1.459	1.595	2.968	0.602	0.369	0.607	0.778	1.176	1.961	2.665
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			39.31								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	14	19.	34.429	91.	4.	1083.648	32.919	4.	9.	55.	91.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	14	1.269	1.33	1.959	0.602	0.215	0.464	0.602	0.954	1.715	1.959
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			21.4								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	07/17/74-10/17/95	14	11164.5	19722.	99984.	1212.	1179344563.538	34341.587	1228.5	1309.25	11488.25	99984.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GATE0266

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	17	19.	18.235	31.	2.	66.566	8.159	6.8	12.	25.	29.4
00035	WIND VELOCITY (MILES PER HOUR)	07/17/74-10/17/95	17	9.	8.235	15.	1.	21.191	4.603	1.8	3.5	12.	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/17/74-10/17/95	17	43.	343.882	4600.	9.	1213326.735	1101.511	9.	14.5	121.5	1264.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/17/74-10/17/95	17	1.633	1.725	3.663	0.954	0.501	0.708	0.954	1.161	2.072	2.839
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			53.09								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	17	14.	76.529	930.	1.5	49176.608	221.758	1.5	4.	33.	260.4
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	17	1.146	1.18	2.968	0.176	0.493	0.702	0.176	0.602	1.498	2.168
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			15.124								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	07/17/74-10/17/95	17	11011.	6622.353	11706.	1011.	26512717.368	5149.05	1191.8	1369.5	11392.	11578.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GATE0266

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	11	18.	19.273	32.	7.	58.418	7.643	7.8	12.	26.	30.8
00035	WIND VELOCITY (MILES PER HOUR)	07/17/74-10/17/95	11	3.	4.909	15.	2.	17.491	4.182	2.	2.	8.	13.8
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/17/74-10/17/95	11	210.	1394.136	11000.	1.5	10653232.405	3263.929	3.	39.	930.	9280.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/17/74-10/17/95	11	2.322	2.154	4.041	0.176	1.224	1.106	0.332	1.591	2.968	3.909
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			142.616								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	11	210.	1325.955	11000.	1.5	10775763.223	3282.646	3.	9.	430.	9280.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	11	2.322	2.016	4.041	0.176	1.289	1.135	0.332	0.954	2.633	3.909
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			103.851								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	07/17/74-10/17/95	11	11230.	7703.182	11552.	1222.	25727070.964	5072.186	1225.2	1319.	11446.	11551.8

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Annual Analysis for 1986 - Station GATE0266

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	13	19.	16.	29.	5.	74.167	8.612	5.4	6.5	22.5	28.2
00035	WIND VELOCITY (MILES PER HOUR)	07/17/74-10/17/95	13	4.	5.538	14.	1.	17.603	4.196	1.	2.5	9.	13.2
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/17/74-10/17/95	13	43.	141.462	930.	4.	69499.936	263.628	4.	5.5	121.5	730.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/17/74-10/17/95	13	1.633	1.552	2.968	0.602	0.609	0.78	0.602	0.724	2.072	2.834
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			35.614								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	13	23.	45.923	230.	4.	4084.91	63.913	4.	4.	68.	175.2
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	13	1.362	1.271	2.362	0.602	0.409	0.639	0.602	0.602	1.801	2.204
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			18.672								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	07/17/74-10/17/95	13	11214.	8251.462	11600.	1215.	23279496.436	4824.883	1253.4	1338.5	11385.	11577.6

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Annual Analysis for 1987 - Station GATE0266

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	8	13.	13.	22.	7.	24.571	4.957	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	07/17/74-10/17/95	12	5.	6.667	15.	1.	27.697	5.263	1.	1.25	11.5	14.7
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/17/74-10/17/95	11	15.	64.545	430.	7.	15756.273	125.524	7.4	9.	93.	362.6
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/17/74-10/17/95	11	1.176	1.362	2.633	0.845	0.326	0.571	0.867	0.954	1.968	2.5
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			23.017								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	11	9.	15.909	43.	4.	207.291	14.398	4.	7.	23.	43.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	11	0.954	1.061	1.633	0.602	0.127	0.357	0.602	0.845	1.362	1.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.508								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	07/17/74-10/17/95	12	6333.	6372.333	11612.	1157.	26852770.061	5181.966	1238.9	1433.5	11319.	11551.1

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Annual Analysis for 1988 - Station GATE0266

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	10	14.5	15.	26.	6.	42.	6.481	6.3	9.75	19.	25.9
00035	WIND VELOCITY (MILES PER HOUR)	07/17/74-10/17/95	10	6.	5.7	10.	0.	7.789	2.791	0.3	4.5	8.	9.8
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/17/74-10/17/95	3	3.	131.5	390.	1.5	50117.25	223.869	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/17/74-10/17/95	3	0.477	1.081	2.591	0.176	1.732	1.316	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			12.062								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	3 ##	1.5	15.333	43.	1.5	574.083	23.96	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	3 ##	0.176	0.662	1.633	0.176	0.708	0.841	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.591								

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Annual Analysis for 1988 - Station GATE0266

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	07/17/74-10/17/95	10	6243.5	6249.9	11409.	1000.	28261241.433	5316.13	1022.9	1229.75	11321.75	11403.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0266

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	7	21.	19.571	28.	5.	74.619	8.638	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	07/17/74-10/17/95	7	5.	6.286	15.	1.	25.905	5.09	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/17/74-10/17/95	5	150.	289.2	930.	43.	133153.7	364.902	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/17/74-10/17/95	5	2.176	2.222	2.968	1.633	0.247	0.497	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			166.591								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	5	23.	44.2	93.	9.	1389.2	37.272	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	5	1.362	1.496	1.968	0.954	0.177	0.421	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			31.358								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	07/17/74-10/17/95	7	11219.	8433.714	11432.	1254.	23499294.905	4847.607	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0266

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	9	19.	16.556	25.	5.	53.778	7.333	5.	8.5	22.5	25.
00035	WIND VELOCITY (MILES PER HOUR)	07/17/74-10/17/95	9	10.	9.778	15.	4.	17.194	4.147	4.	6.	14.5	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/17/74-10/17/95	2	13.5	13.5	23.	4.	180.5	13.435	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/17/74-10/17/95	2	0.982	0.982	1.362	0.602	0.289	0.537	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			9.592								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	2	6.5	6.5	9.	4.	12.5	3.536	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	2	0.778	0.778	0.954	0.602	0.062	0.249	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	07/17/74-10/17/95	9	11002.	6843.222	11346.	1304.	26531032.944	5150.828	1304.	1422.	11283.5	11346.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0266

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	7	24.	20.286	30.	6.	88.905	9.429	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	07/17/74-10/17/95	7	8.	7.857	14.	1.	17.143	4.14	**	**	**	**
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	07/17/74-10/17/95	7	1527.	5677.857	11600.	1328.	28069402.476	5298.056	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0266

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	10	9.5	11.3	23.	5.	37.789	6.147	5.1	6.	17.25	22.5
00035	WIND VELOCITY (MILES PER HOUR)	07/17/74-10/17/95	10	9.	8.	15.	1.	19.111	4.372	1.1	4.25	10.5	14.7
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/17/74-10/17/95	4	11.	66.5	240.	4.	13400.333	115.76	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/17/74-10/17/95	4	1.011	1.251	2.38	0.602	0.622	0.789	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			17.818								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0266

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	4	9.5	29.	93.	4.	1847.333	42.981	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	4	0.889	1.087	1.968	0.602	0.418	0.647	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.223								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	07/17/74-10/17/95	10	11137.	8241.6	11640.	1017.	23938203.822	4892.668	1027.9	1276.75	11338.75	11621.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station GATE0266

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	3	10.	10.	15.	5.	25.	5.	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	07/17/74-10/17/95	3	14.	12.667	14.	10.	5.333	2.309	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/17/74-10/17/95	3	23.	34.	75.	4.	1351.	36.756	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/17/74-10/17/95	3	1.362	1.28	1.875	0.602	0.41	0.64	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			19.038								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	3	9.	12.	23.	4.	97.	9.849	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	3	0.954	0.973	1.362	0.602	0.145	0.38	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.39								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	07/17/74-10/17/95	3	1450.	4724.	11307.	1415.	32502223.	5701.072	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station GATE0266

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	9	13.	12.	24.	1.	70.25	8.382	1.	2.5	19.	24.
00035	WIND VELOCITY (MILES PER HOUR)	07/17/74-10/17/95	9	10.	10.667	14.	2.	14.	3.742	2.	10.	14.	14.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/17/74-10/17/95	8	19.	80.125	460.	1.5	24501.768	156.53	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/17/74-10/17/95	8	1.269	1.22	2.663	0.176	0.771	0.878	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			16.58								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	8	8.	19.	43.	1.5	401.357	20.034	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	8	0.9	0.957	1.633	0.176	0.39	0.625	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.052								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	07/17/74-10/17/95	9	11110.	7972.556	11603.	1226.	24723804.528	4972.304	1226.	1408.	11397.	11603.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0266

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	44	20.5	20.523	32.	11.	30.348	5.509	12.	16.25	25.	27.5
00035	WIND VELOCITY (MILES PER HOUR)	07/17/74-10/17/95	47	6.	6.957	15.	0.	21.389	4.625	1.	3.	10.	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/17/74-10/17/95	37	23.	114.095	930.	1.5	50618.373	224.985	2.7	9.	93.	430.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/17/74-10/17/95	37	1.362	1.452	2.968	0.176	0.55	0.741	0.417	0.954	1.968	2.633
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			28.296								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	37	9.	43.216	430.	1.5	6980.924	83.552	1.5	5.5	43.	116.4
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	37	0.954	1.154	2.633	0.176	0.405	0.636	0.176	0.724	1.633	2.039
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			14.267								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	10	8.2	21.07	93.	1.5	810.42	28.468	1.71	3.6	28.	88.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/88-08/08/95	10	0.911	0.999	1.968	0.176	0.321	0.567	0.214	0.556	1.43	1.935
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			9.983								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	07/17/74-10/17/95	47	11011.	6641.447	11603.	1011.	25405038.513	5040.341	1238.	1327.	11340.	11462.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0266

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	52	7.5	8.115	19.	0.	17.124	4.138	3.3	5.25	10.	14.7
00035	WIND VELOCITY (MILES PER HOUR)	07/17/74-10/17/95	56	10.	8.839	20.	1.	23.774	4.876	2.	5.	14.	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/17/74-10/17/95	45	39.	102.067	930.	3.	27627.336	166.215	4.	15.	145.	240.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/17/74-10/17/95	45	1.591	1.586	2.968	0.477	0.418	0.646	0.602	1.176	2.161	2.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			38.557								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	45	15.	35.011	240.	1.5	2653.676	51.514	3.6	5.5	43.	91.8
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	45	1.176	1.196	2.38	0.176	0.322	0.568	0.552	0.724	1.633	1.963
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			15.698								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	12	15.	27.508	93.	1.5	1067.161	32.667	2.13	4.525	38.	93.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/88-08/08/95	12	1.176	1.146	1.968	0.176	0.312	0.559	0.29	0.633	1.566	1.968
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			14.01								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	07/17/74-10/17/95	58	11066.5	8394.69	99984.	1017.	174415629.902	13206.651	1293.8	1419.5	11366.25	11556.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0266

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	70	20.5	20.253	31.	10.	33.835	5.817	12.	15.	25.625	28.
00035	WIND VELOCITY (MILES PER HOUR)	07/17/74-10/17/95	76	6.5	7.158	20.	0.	20.721	4.552	2.	3.	10.	14.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/17/74-10/17/95	68	23.	356.176	11000.	1.5	2123857.327	1457.346	4.	9.	93.	430.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/17/74-10/17/95	68	1.362	1.524	4.041	0.176	0.702	0.838	0.602	0.954	1.968	2.633
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			33.391								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	68	12.5	254.772	11000.	1.5	1860321.212	1363.936	1.5	4.	43.	231.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	68	1.094	1.214	4.041	0.176	0.617	0.786	0.176	0.602	1.633	2.364
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			16.361								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	8	9.1	27.6	150.	1.5	2521.	50.21	**	**	**	**
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/88-08/08/95	8	0.959	0.966	2.176	0.176	0.456	0.675	**	**	**	**
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			9.242								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	07/17/74-10/17/95	76	11240.	10124.461	99984.	1000.	244006918.972	15620.721	1300.	1410.25	11388.25	11545.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0267

NPS Station ID: GATE0267
LAT/LON: 40.378893/ -74.004170
Agency: 21NJDEP1
Date Created: 08/08/81
Location: NAVESINK RIVER
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 100080016H /1014H /SF03067
RMI-Indexes: 0133006 000020
Within Park Boundary: No
RMI-Miles: 0001.70 0001.62
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST MAJOR BASIN
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA
ECO Region:
RF1 Index: 02030104008
RF1 Mile Point: 1.330
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J.
TIDE CORRECTION (H/L): (+1:09/+1:45)
ASSOCIATED NOAA WEATHER STATION: 4987

Parameter Inventory for Station: GATE0267

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-05/17/84	53	13.	13.515	28.	0.	64.022	8.001	2.4	5.2	20.5	23.18
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-05/17/84	71	18.	16.925	31.	0.	51.856	7.201	8.	10.	22.	27.16
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-05/17/84	79	6.	7.418	20.	0.	21.631	4.651	2.	3.	10.	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-05/17/84	80	36.	154.888	2400.	1.5	163365.829	404.185	4.	15.	93.	411.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-05/17/84	80	1.556	1.553	3.38	0.176	0.547	0.739	0.602	1.176	1.968	2.608
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			35.701								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/19/74-05/17/84	75	15.	25.833	150.	1.5	917.029	30.282	1.5	4.	36.	81.4
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/19/74-05/17/84	75	1.176	1.119	2.176	0.176	0.297	0.545	0.176	0.602	1.556	1.909
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			13.138								
31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	02/05/73-10/16/78	13	4.	5.231	11.	3.	11.026	3.32	3.	3.	7.5	11.
31678	LOG FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATI	02/05/73-10/16/78	13	0.602	0.655	1.041	0.477	0.052	0.227	0.477	0.477	0.822	1.041
31678	GM FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATIO	GEOMETRIC MEAN =			4.523								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-05/17/84	81	11200.	6862.691	11612.	1015.	25217146.191	5021.668	1200.	1307.5	11330.	11437.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0267

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	80	3	0.04	15	0	0.00	27	1	0.04	38	2	0.05			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	75	0	0.00	15	0	0.00	22	0	0.00	38	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1976 - Station GATE0267

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-05/17/84	3	27.2	26.9	28.	25.5	1.63	1.277	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GATE0267

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-05/17/84	10	14.5	17.1	28.	10.	66.322	8.144	10.	10.	28.	28.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GATE0267

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-05/17/84	5	16.	17.8	24.	12.	25.2	5.02	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station GATE0267

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-05/17/84	10	21.	19.1	28.	4.	52.989	7.279	4.8	13.5	24.25	27.7

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GATE0267

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-05/17/84	6	14.	15.5	27.	6.	77.5	8.803	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station GATE0267

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-05/17/84	7	20.	21.	31.	10.	41.667	6.455	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station GATE0267

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-05/17/84	10	15.5	15.8	26.	4.	43.956	6.63	4.4	11.75	21.25	25.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station GATE0267

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-05/17/84	14	15.5	13.429	22.	0.	45.802	6.768	2.5	7.5	18.75	21.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GATE0267

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-05/17/84	6	14.	14.	21.	8.	22.	4.69	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0267

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-05/17/84	15	19.	19.333	27.	12.	24.667	4.967	12.	16.	24.	26.4
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-05/17/84	15	10.	8.333	15.	0.	31.238	5.589	0.6	3.	15.	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-05/17/84	15	15.	23.1	93.	1.5	759.186	27.553	1.5	4.	23.	82.2
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-05/17/84	15	1.176	1.042	1.968	0.176	0.358	0.598	0.176	0.602	1.362	1.912
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			11.018								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/19/74-05/17/84	15	4.	18.1	93.	1.5	777.971	27.892	1.5	4.	23.	82.2
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/19/74-05/17/84	15	0.602	0.879	1.968	0.176	0.329	0.574	0.176	0.602	1.362	1.912
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.574								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-05/17/84	15	11200.	6580.6	11430.	1106.	26924110.686	5188.845	1135.4	1200.	11243.	11370.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0267

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-05/17/84	17	8.	8.059	17.	0.	14.934	3.864	3.2	5.5	10.	13.8
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-05/17/84	25	6.	7.8	20.	0.	26.5	5.148	2.2	4.	12.	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-05/17/84	27	43.	224.296	2400.	9.	231653.293	481.304	15.	23.	210.	554.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-05/17/84	27	1.633	1.855	3.38	0.954	0.381	0.617	1.176	1.362	2.322	2.724
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			71.594								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/19/74-05/17/84	22	23.	31.545	93.	4.	675.307	25.987	7.6	13.5	43.	87.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/19/74-05/17/84	22	1.362	1.358	1.968	0.602	0.138	0.371	0.878	1.121	1.633	1.937
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			22.8								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-05/17/84	27	1434.	5406.037	11612.	1015.	25379924.114	5037.849	1200.	1237.	11340.	11509.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0267

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-05/17/84	39	20.	19.864	31.	10.	33.826	5.816	11.	15.	24.	28.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-05/17/84	39	6.	6.821	15.	1.	15.362	3.919	2.	3.	10.	12.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-05/17/84	38	43.	157.592	2400.	1.5	175173.363	418.537	3.75	9.	150.	259.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-05/17/84	38	1.633	1.54	3.38	0.176	0.592	0.769	0.559	0.954	2.176	2.406
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			34.635								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/19/74-05/17/84	38	14.5	25.579	150.	1.5	1112.696	33.357	1.5	4.	33.25	91.2
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/19/74-05/17/84	38	1.161	1.074	2.176	0.176	0.333	0.577	0.176	0.602	1.516	1.96
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.868								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-05/17/84	39	11200.	7979.641	11604.	1139.	22984665.026	4794.232	1200.	1351.	11400.	11500.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0268

NPS Station ID: GATE0268
LAT/LON: 40.420837/ -74.005003
Agency: 21NJDEP1
Date Created: 04/04/81
Location: SANDY HOOK BAY
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): L6987636883 /906A /SF02028
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST MAJOR BASIN
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA
ECO Region:
RF1 Index: 02030104006
RF1 Mile Point: 7.550
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J.
TIDE CORRECTION (H/L): (-0:01/ 0:00)
ASSOCIATED NOAA WEATHER STATION: 7865

Parameter Inventory for Station: GATE0268

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-05/18/92	63	18.	14.735	25.	-0.6	66.47	8.153	1.9	8.	22.	23.3
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	141	18.	18.872	36.	0.	72.612	8.521	8.	12.	26.	30.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	167	4.	4.934	20.	0.	14.219	3.771	1.	2.	8.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	150	15.	124.793	2400.	1.5	147470.044	384.018	1.5	7.	93.	230.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	150	1.176	1.328	3.38	0.176	0.561	0.749	0.176	0.845	1.968	2.362
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			21.281								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	150	7.	32.023	1100.	1.5	11568.004	107.555	1.5	4.	21.5	43.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	150	0.845	0.917	3.041	0.176	0.364	0.604	0.176	0.602	1.332	1.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.26								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/15/90-05/18/92	18	3.6	4.583	23.	1.5	31.64	5.625	1.5	1.5	3.6	15.8
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	05/15/90-05/18/92	18	0.556	0.484	1.362	0.176	0.129	0.359	0.176	0.176	0.556	1.195
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			3.045								
31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	08/10/73-12/01/78	15	4.	6.267	9.	3.	7.067	2.658	3.6	4.	9.	9.
31678	LOG FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATI	08/10/73-12/01/78	15	0.602	0.758	0.954	0.477	0.037	0.192	0.552	0.602	0.954	0.954
31678	GM FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATIO	GEOMETRIC MEAN =			5.729								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	168	11136.	6889.304	11638.	1115.	24448338.644	4944.526	1317.	1420.	11330.	11453.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0268

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	150	7	0.05	35	0	0.00	50	3	0.06	65	4	0.06			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	150	7	0.05	35	1	0.03	50	3	0.06	65	3	0.05			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1973 - Station GATE0268

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	7	5.	6.	12.	3.	8.	2.828	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	7	23.	35.643	93.	1.5	1599.226	39.99	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	7	1.362	1.234	1.968	0.176	0.41	0.64	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			17.127								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	7	4.	8.286	23.	1.5	65.155	8.072	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	7	0.602	0.721	1.362	0.176	0.216	0.464	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.263								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	7	1500.	5546.429	11145.	1115.	27116689.286	5207.369	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station GATE0268

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	7	6.	6.714	15.	0.	34.238	5.851	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	7	93.	73.286	150.	23.	2225.571	47.176	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	7	1.968	1.769	2.176	1.362	0.109	0.33	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			58.783								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	7	23.	19.143	43.	4.	174.81	13.222	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	7	1.362	1.176	1.633	0.602	0.123	0.351	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			14.983								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	7	1445.	4227.857	11330.	1215.	23548440.476	4852.674	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GATE0268

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	10	7.5	8.3	20.	0.	34.9	5.908	0.2	4.25	11.25	19.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	10	121.5	151.9	460.	15.	20848.989	144.392	15.	21.	240.	438.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	10	2.072	1.93	2.663	1.176	0.306	0.553	1.176	1.315	2.38	2.635
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			85.023								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	10	21.5	49.7	240.	4.	5171.789	71.915	4.3	8.5	55.5	225.3
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	10	1.331	1.386	2.38	0.602	0.288	0.537	0.626	0.927	1.717	2.339
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			24.299								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	10	1457.5	5339.	11515.	1200.	26285054.444	5126.895	1210.	1375.	11208.75	11503.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GATE0268

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	10	26.	24.9	30.	10.	32.1	5.666	11.4	24.	28.25	29.9
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	9	3.	4.111	15.	1.	21.361	4.622	1.	1.	5.5	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	10	9.	123.65	1100.	1.5	117914.003	343.386	1.75	4.	40.	994.3
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	10	0.943	1.15	3.041	0.176	0.667	0.817	0.219	0.602	1.602	2.901
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			14.114								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	10	4.	12.9	43.	1.5	259.156	16.098	1.5	2.625	27.	42.6
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	10	0.602	0.8	1.633	0.176	0.293	0.541	0.176	0.402	1.419	1.629
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.309								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	10	11330.	9399.5	11630.	1330.	17942280.278	4235.833	1337.	8825.	11458.75	11617.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GATE0268

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	7	16.	19.	32.	6.	95.667	9.781	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	7	5.	4.143	10.	0.	10.81	3.288	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	7	15.	69.571	150.	4.	5670.286	75.301	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	7	1.176	1.459	2.176	0.602	0.478	0.691	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			28.792								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	7	7.	22.857	75.	4.	740.476	27.212	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	7	0.845	1.075	1.875	0.602	0.293	0.541	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.871								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	7	11300.	7107.143	11430.	1345.	27876432.143	5279.814	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station GATE0268

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	9	26.	26.556	36.	15.	45.778	6.766	15.	22.	32.	36.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	9	5.	4.889	10.	2.	6.611	2.571	2.	2.5	6.5	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	9	21.	288.5	2400.	1.5	627685.875	792.266	1.5	10.	58.	2400.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	9	1.322	1.416	3.38	0.176	0.766	0.875	0.176	0.998	1.665	3.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			26.049								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	9	9.	137.389	1100.	1.5	131136.736	362.128	1.5	4.	51.	1100.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	9	0.954	1.122	3.041	0.176	0.75	0.866	0.176	0.602	1.461	3.041
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			13.243								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	9	11300.	6983.889	11615.	1345.	27947736.111	5286.562	1345.	1387.5	11472.5	11615.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GATE0268

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	6	18.5	17.167	28.	0.	108.967	10.439	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	6	1.5	3.	10.	0.	16.	4.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	6	58.	243.583	1100.	1.5	184159.842	429.138	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	6	1.665	1.588	3.041	0.176	1.18	1.086	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			38.755								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	6	33.	67.417	240.	1.5	8275.042	90.967	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	6	1.498	1.354	2.38	0.176	0.692	0.832	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			22.577								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	6	11400.	8134.167	11600.	1345.	26920564.167	5188.503	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station GATE0268

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	11	15.	16.364	30.	6.	70.255	8.382	6.2	9.	23.	29.8
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	11	3.	3.636	10.	0.	10.055	3.171	0.	1.	7.	9.4
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	11	3.	15.	93.	1.5	815.1	28.55	1.5	1.5	7.	83.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	11	0.477	0.681	1.968	0.176	0.371	0.609	0.176	0.176	0.845	1.901
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			4.792								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	11 ##	1.5	4.455	23.	1.5	40.723	6.381	1.5	1.5	4.	19.8
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	11 ##	0.176	0.438	1.362	0.176	0.146	0.382	0.176	0.176	0.602	1.258
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.743								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station GATE0268

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	11	1512.	4132.273	11330.	1244.	21322387.418	4617.617	1255.2	1349.	11300.	11330.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station GATE0268

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	10	17.	17.7	35.	9.	59.344	7.704	9.2	11.75	20.5	34.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	10	5.	4.9	8.	1.	4.989	2.234	1.2	3.	6.5	8.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	10	18.	39.5	150.	14.	2060.056	45.388	14.1	15.	49.75	144.1
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	10	1.249	1.423	2.176	1.146	0.134	0.366	1.149	1.176	1.657	2.154
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			26.46								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	10	15.	17.	36.	4.	134.667	11.605	4.	6.25	26.25	36.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	10	1.176	1.123	1.556	0.602	0.118	0.344	0.602	0.784	1.41	1.556
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			13.268								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	10	6431.5	6403.5	11520.	1334.	27459937.611	5240.223	1336.5	1403.25	11349.25	11503.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station GATE0268

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	11	16.	17.727	29.	7.	47.018	6.857	7.8	12.	23.	28.4
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	11	5.	5.273	10.	1.	11.018	3.319	1.2	2.	8.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	11	15.	257.591	2400.	1.5	509156.241	713.552	3.	9.	73.	1966.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	11	1.176	1.474	3.38	0.176	0.71	0.843	0.332	0.954	1.863	3.177
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			29.781								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	11 ##	15.	30.545	230.	1.5	4421.623	66.495	1.5	4.	15.	188.6
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	11 ##	1.176	1.016	2.362	0.176	0.365	0.604	0.176	0.602	1.176	2.162
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.387								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	11	1610.	5940.818	11607.	1257.	27350276.964	5229.749	1269.	1317.	11434.	11586.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GATE0268

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	15	17.	16.933	30.	4.	69.924	8.362	5.2	8.	23.	29.4
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	15	5.	5.867	12.	1.	13.695	3.701	1.6	3.	10.	11.4
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	15	15.	123.567	1500.	1.5	145872.96	381.933	3.	4.	43.	655.8
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	15	1.176	1.257	3.176	0.176	0.543	0.737	0.432	0.602	1.633	2.452
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			18.066								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	15	4.	32.567	430.	1.5	12095.817	109.981	1.5	1.5	9.	177.4
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	15	0.602	0.666	2.633	0.176	0.382	0.618	0.176	0.176	0.954	1.626
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.634								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	15	11153.	9248.867	11426.	1333.	16368372.695	4045.785	1382.2	11019.	11302.	11385.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GATE0268

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	10	18.5	19.6	31.	9.	59.378	7.706	9.1	13.	26.5	30.7
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	10	4.5	4.6	9.	1.	8.489	2.914	1.1	2.	8.	8.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	10	19.	266.9	2400.	1.5	562941.156	750.294	1.5	3.375	93.	2169.3
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	10	1.269	1.335	3.38	0.176	0.918	0.958	0.176	0.496	1.968	3.239
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			21.613								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	10	11.	52.4	430.	1.5	17670.656	132.931	1.5	3.375	23.	389.3
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	10	1.011	1.011	2.633	0.176	0.521	0.722	0.176	0.496	1.362	2.506
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.258								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	10	11212.	7318.7	11359.	1217.	26157037.344	5114.395	1229.2	1408.	11327.	11357.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GATE0268

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	10	13.5	17.3	32.	4.	121.122	11.006	4.2	7.5	29.	31.7
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	10	3.	4.8	12.	1.	19.067	4.367	1.	1.75	10.25	11.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	10	19.	150.5	1100.	4.	116273.167	340.989	4.	4.	127.25	1013.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	10	1.269	1.403	3.041	0.602	0.678	0.824	0.602	0.602	2.067	2.973
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			25.302								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	10	4.	30.	240.	1.5	5484.389	74.057	1.5	3.375	12.5	218.3
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	10	0.602	0.841	2.38	0.176	0.42	0.648	0.176	0.496	1.056	2.278
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.936								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	10	6269.5	6289.	11638.	1205.	28325771.111	5322.196	1205.4	1221.75	11265.25	11608.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GATE0268

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	7	15.	17.286	33.	9.	69.571	8.341	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	10	2.	3.6	9.	1.	10.933	3.307	1.	1.	8.	8.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	10	12.	54.55	230.	1.5	6138.136	78.346	2.25	9.	107.25	222.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	10	1.065	1.298	2.362	0.176	0.455	0.675	0.254	0.954	2.02	2.343
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			19.845								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	10	9.	12.25	43.	1.5	176.014	13.267	1.5	1.5	21.5	41.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	10	0.954	0.831	1.633	0.176	0.284	0.532	0.176	0.176	1.332	1.606
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.777								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	10	11223.5	10242.3	11502.	1336.	9813663.122	3132.677	2304.9	11040.75	11293.75	11492.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GATE0268

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	8	21.	19.	31.	2.	114.857	10.717	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	8	4.	4.75	12.	1.	11.357	3.37	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	8	5.5	6.375	15.	1.5	21.054	4.588	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	8	0.724	0.686	1.176	0.176	0.135	0.367	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			4.85								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	8	## 2.75	5.125	15.	1.5	24.268	4.926	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	8	## 0.389	0.535	1.176	0.176	0.172	0.415	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.43								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GATE0268

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	8	6322.5	6397.625	11520.	1404.	27737210.554	5266.613	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0268

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	7	18.	17.571	29.	1.	97.952	9.897	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	7	2.	3.143	8.	1.	7.143	2.673	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	7	23.	89.714	460.	15.	26780.238	163.647	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	7	1.362	1.593	2.663	1.176	0.25	0.5	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			39.18								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	7	9.	20.429	93.	4.	1037.952	32.217	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	7	0.954	1.03	1.968	0.602	0.214	0.463	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.72								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	7	1543.	5719.857	11444.	1410.	27927565.81	5284.654	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0268

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	8	19.5	20.5	31.	10.	70.857	8.418	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	8	3.5	3.625	8.	1.	5.696	2.387	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	2 ##	5.25	5.25	9.	1.5	28.125	5.303	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	2 ##	0.565	0.565	0.954	0.176	0.303	0.55	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			3.674								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	2 ##	5.25	5.25	9.	1.5	28.125	5.303	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	2 ##	0.565	0.565	0.954	0.176	0.303	0.55	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.674								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	8	6331.	6327.375	11430.	1321.	27959503.125	5287.675	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0268

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	8	17.5	18.625	30.	11.	50.268	7.09	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	8	6.5	6.125	12.	1.	17.839	4.224	**	**	**	**
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	8	11230.5	7654.75	11549.	1316.	26101019.357	5108.916	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0268

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	4	12.	13.25	22.	7.	50.25	7.089	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	4	4.	5.25	12.	1.	22.25	4.717	**	**	**	**
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	4	6336.5	6259.75	11238.	1128.	32342464.25	5687.044	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0268

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-05/18/92	13	23.3	22.585	25.	16.	5.721	2.392	17.6	21.85	23.95	25.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	31	23.	21.935	36.	7.	50.996	7.141	11.6	16.	27.	30.8
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	40	5.	5.1	12.	1.	9.682	3.112	2.	3.	6.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	35	9.	37.871	460.	1.5	7282.549	85.338	1.5	4.	23.	93.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	35	0.954	1.082	2.663	0.176	0.38	0.616	0.176	0.602	1.362	1.968
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			12.065								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	35	4.	16.5	230.	1.5	1649.574	40.615	1.5	1.5	9.	28.2
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	35	0.602	0.778	2.362	0.176	0.283	0.532	0.176	0.176	0.954	1.44
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	40	11079.	6828.	11520.	1115.	24623651.538	4962.222	1317.4	1430.25	11242.	11435.7

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0268

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-05/18/92	20	5.	4.13	10.	-0.6	9.83	3.135	0.65	1.25	7.75	0.26
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	45	10.	9.911	17.	0.	17.401	4.171	4.	7.5	12.	16.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	57	4.	5.14	20.	0.	20.444	4.522	0.	1.	8.5	11.2
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	50	30.5	155.03	2400.	1.5	152161.882	390.079	1.75	9.	150.	240.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	50	1.471	1.533	3.38	0.176	0.616	0.785	0.219	0.954	2.176	2.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			34.146								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	50	15.	34.86	430.	1.5	5548.123	74.486	1.5	4.	26.25	71.8
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	50	1.176	1.072	2.633	0.176	0.381	0.617	0.176	0.602	1.41	1.851
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.808								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	57	1610.	6282.439	11630.	1128.	25103485.072	5010.338	1314.2	1400.	11328.5	11507.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0268

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-05/18/92	30	20.	18.403	23.	10.	14.197	3.768	12.	16.	21.025	22.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	65	26.	23.615	35.	10.	39.115	6.254	14.6	18.5	28.5	30.4
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	70	3.5	4.671	15.	0.	12.021	3.467	1.	2.	7.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	65	21.	148.338	2400.	1.5	217551.735	466.424	2.4	6.5	43.	186.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	65	1.322	1.303	3.38	0.176	0.566	0.752	0.357	0.812	1.633	2.258
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			20.08								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	65	7.	38.2	1100.	1.5	21630.827	147.074	1.5	3.	15.	40.6
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	65	0.845	0.872	3.041	0.176	0.375	0.613	0.176	0.477	1.176	1.608
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.454								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	71	11221.	7411.042	11638.	1200.	23946934.355	4893.56	1306.	1425.	11342.	11489.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0269

NPS Station ID: GATE0269 LAT/LON: 40.379726/ -74.005559 Agency: 21NJDEP1 Date Created: 08/08/81
Location: NAVESINK RIVER FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): 100080016G /1014G /SF03068
RMI-Indexes: 0133006 000020 Within Park Boundary: No
RMI-Miles: 0001.70 0001.63
HUC: 02030104 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST MAJOR BASIN Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA ECO Region:
RF1 Index: 02030104008 RF1 Mile Point: 1.440 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J. TIDE CORRECTION (H/L): (+1:09/+1:45)
ASSOCIATED NOAA WEATHER STATION: 4987

Parameter Inventory for Station: GATE0269

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-02/28/73	5	1.7	1.78	3.3	0.	2.297	1.516	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-02/28/73	5	4.	3.6	6.	0.	5.3	2.302	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-02/28/73	5	36.	403.4	1500.	15.	406014.8	637.193	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-02/28/73	5	1.556	2.02	3.176	1.176	0.714	0.845	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			104.629								
31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	02/05/73-02/28/73	5	3.	3.	3.	3.	0.	0.	**	**	**	**
31678	LOG FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATI	02/05/73-02/28/73	5	0.477	0.477	0.477	0.477	0.	0.	**	**	**	**
31678	GM FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATIO	GEOMETRIC MEAN =			3.								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-02/28/73	5	11115.	7261.	11430.	1015.	30346442.5	5508.761	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0269

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	5	1	0.20				5	1	0.20						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0270

NPS Station ID: GATE0270
LAT/LON: 40.378337/ -74.005838
Agency: 21NJDEP1
Date Created: 08/08/81
Location: NAVESINK RIVER
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 100080016I /1014I /SF03066
RMI-Indexes: 0133006 000020
Within Park Boundary: No
RMI-Miles: 0001.70 0001.64
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST MAJOR BASIN
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA
ECO Region:
RF1 Index: 02030104008
RF1 Mile Point: 1.440
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J.
TIDE CORRECTION (H/L): (+1:09/+1:45)
ASSOCIATED NOAA WEATHER STATION: 4987

Parameter Inventory for Station: GATE0270

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-07/01/75	8	3.3	9.025	21.1	0.	101.294	10.064	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-07/01/75	8	5.5	8.5	20.	0.	58.286	7.635	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-07/01/75	8	39.5	171.25	930.	10.	99602.214	315.598	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-07/01/75	8	1.595	1.742	2.968	1.	0.427	0.653	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			55.265								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/04/75-07/01/75	3	23.	25.	43.	9.	292.	17.088	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/04/75-07/01/75	3	1.362	1.316	1.633	0.954	0.117	0.342	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			20.724								
31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	02/05/73-02/28/73	5	3.	3.	3.	3.	0.	0.	**	**	**	**
31678	LOG FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATI	02/05/73-02/28/73	5	0.477	0.477	0.477	0.477	0.	0.	**	**	**	**
31678	GM FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATIO	GEOMETRIC MEAN =			3.								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-07/01/75	8	11207.5	7591.875	11515.	1015.	27250185.268	5220.171	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0270

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	8	0	0.00				5	0	0.00	3	0	0.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	3	0	0.00							3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0271

NPS Station ID: GATE0271
LAT/LON: 40.419726/ -74.005838
Agency: 31ISC2RS
Date Created: / /
Location: SANDY HOOK BAY NEAR NAVESINK PARK
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): RSH-5 /RB-05 /RB05 /4405
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METROPOLITAN AREA
ECO Region:
RF1 Index: 02030104006
RF1 Mile Point: 7.360
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
BELL BUOY R"2" OFF NAVESINK PARK

Parameter Inventory for Station: GATE0271

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/71-08/02/77	18	22.35	22.6	24.2	21.	0.869	0.932	21.	22.	23.5	23.93
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/12/71-07/22/71	8	18.	17.625	26.	12.	18.268	4.274	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/02/77-08/02/77	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/02/77-08/02/77	1	41500.	41500.	41500.	41500.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/12/71-08/02/77	18	7.75	7.728	10.3	1.8	3.584	1.893	5.49	7.05	9.1	9.76
00310	BOD, 5 DAY, 20 DEG C MG/L	08/02/77-08/02/77	1	3.8	3.8	3.8	3.8	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/12/71-07/26/71	17	7.3	7.353	8.	6.6	0.165	0.406	6.84	7.	7.8	7.84
00400	CONVERTED PH (STANDARD UNITS)	07/12/71-07/26/71	17	7.3	7.184	8.	6.6	0.195	0.442	6.84	7.	7.8	7.84
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/12/71-07/26/71	17	0.05	0.065	0.251	0.01	0.004	0.061	0.015	0.016	0.1	0.151
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/12/71-08/02/77	3	2.76	2.07	3.1	0.35	2.248	1.499	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/12/71-07/26/71	8	0.065	0.07	0.11	0.04	0.001	0.027	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/12/71-07/26/71	8	0.41	0.414	0.47	0.33	0.002	0.048	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/02/77-08/02/77	1	0.16	0.16	0.16	0.16	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/02/77-08/02/77	1	0.11	0.11	0.11	0.11	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/12/71-08/02/77	14	9.5	9.786	16.	6.	5.874	2.424	7.	8.	10.25	14.5
00690	CARBON, TOTAL (MG/L AS C)	07/12/71-08/02/77	14	34.	34.071	39.	28.	5.918	2.433	30.	33.	35.25	37.5
00940	CHLORIDE,TOTAL IN WATER MG/L	07/12/71-07/22/71	15	14500.	14400.	16500.	10000.	2507142.857	1583.396	11800.	13500.	15500.	15900.
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/02/77-08/02/77	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	07/12/71-08/02/77	8	0.55	0.65	1.	0.3	0.063	0.251	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/02/77-08/02/77	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/12/71-08/02/77	8 ##	5.	4.688	5.	2.5	0.781	0.884	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	08/02/77-08/02/77	1	55.	55.	55.	55.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/12/71-08/02/77	8	54.5	57.875	78.	40.	215.554	14.682	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	08/02/77-08/02/77	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/19/71-08/02/77	4	4.	12.5	40.	2.	337.	18.358	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	08/02/77-08/02/77	1	15.	15.	15.	15.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	07/12/71-08/02/77	8	44.	45.25	84.	20.	594.214	24.377	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/02/77-08/02/77	1	158.	158.	158.	158.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	07/12/71-08/02/77	8	39.	59.125	193.	10.	3826.696	61.86	**	**	**	**
31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	08/02/77-08/02/77	1	56000.	56000.	56000.	56000.	0.	0.	**	**	**	**
31504	LOG COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,	08/02/77-08/02/77	1	4.748	4.748	4.748	4.748	0.	0.	**	**	**	**
31504	GM COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,3	GEOMETRIC MEAN =			56000.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/12/71-07/26/71	16	7.	21.875	140.	0.	1302.25	36.087	0.	3.75	23.5	92.4
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/12/71-07/26/71	16	0.841	0.961	2.146	0.	0.351	0.593	0.	0.552	1.368	1.944
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			9.132								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/02/77-08/02/77	1	22.	22.	22.	22.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GATE0271

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	08/02/77-08/02/77	1	10.	10.	10.	10.	0.	0.	**	**	**	**
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	08/02/77-08/02/77	1	20.	20.	20.	20.	0.	0.	**	**	**	**
32230	CHLOROPHYLL A (MG/L)	07/13/71-07/20/71	3	0.008	0.01	0.013	0.008	0.	0.003	**	**	**	**
70204	TIDE, DURATION BETWEEN ADJ. HIGHS OR LOWS (HOURS)	07/12/71-07/26/71	17	12.4	12.424	12.6	12.2	0.026	0.16	12.2	12.3	12.6	12.6
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	07/12/71-07/26/71	17	11246.	11185.529	11952.	10018.	351080.89	592.521	10089.2	11015.5	11625.5	11934.4
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/12/71-07/26/71	8	0.18	0.18	0.21	0.15	0.	0.019	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	07/13/71-08/02/77	7	0.2	0.207	0.5	0.05	0.02	0.143	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0271

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	8	0	0.00							8	0	0.00			
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	18	1	0.06	1	0	0.00				17	1	0.06			
00400	PH	Other-Hi Lim.	9.	17	0	0.00							17	0	0.00			
		Other-Lo Lim.	6.5	17	0	0.00							17	0	0.00			
01025	CADMIUM, DISSOLVED	Marine Acute	43.	1	0	0.00	1	0	0.00									
01027	CADMIUM, TOTAL	Marine Acute	43.	8	0	0.00	1	0	0.00				7	0	0.00			
01040	COPPER, DISSOLVED	Marine Acute	2.9	1	1	1.00	1	1	1.00									
01042	COPPER, TOTAL	Marine Acute	2.9	8	8	1.00	1	1	1.00				7	7	1.00			
01049	LEAD, DISSOLVED	Marine Acute	220.	1	0	0.00	1	0	0.00									
01051	LEAD, TOTAL	Marine Acute	220.	4	0	0.00	1	0	0.00				3	0	0.00			
01065	NICKEL, DISSOLVED	Marine Acute	75.	1	0	0.00	1	0	0.00									
01067	NICKEL, TOTAL	Marine Acute	75.	8	1	0.13	1	0	0.00				7	1	0.14			
01090	ZINC, DISSOLVED	Marine Acute	95.	1	1	1.00	1	1	1.00									
01092	ZINC, TOTAL	Marine Acute	95.	8	2	0.25	1	1	1.00				7	1	0.14			
31504	COLIFORM,TOT,MEMBRANE FILTR,IMMED. LES-E	Other-Hi Lim.	1000.	1	1	1.00	1	1	1.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	16	0	0.00							16	0	0.00			
71900	MERCURY, TOTAL	Marine Acute	2.1	7	0	0.00	1	0	0.00				6	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0272

NPS Station ID: GATE0272
LAT/LON: 40.444448/ -74.006392
Agency: 21NJDEP1
Date Created: 04/04/81
Location: SANDY HOOK BAY
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): L6992337027 /908C /SF02006 /C7
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST MAJOR BASIN
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA
ECO Region:
RF1 Index: 02030104006
RF1 Mile Point: 7.160
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J.
TIDE CORRECTION (H/L): (-0:01/ 0:00)
ASSOCIATED NOAA WEATHER STATION: 7865

Parameter Inventory for Station: GATE0272

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GATE0273

NPS Station ID: GATE0273
LAT/LON: 40.380837/ -74.006948
Agency: 21NJDEP1
Date Created: 08/08/81
Location: NAVESINK RIVER
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 100080016F /1014F /SF03069
RMI-Indexes: 0133006 000020
Within Park Boundary: No
RMI-Miles: 0001.70 0001.63
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST MAJOR BASIN
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA
ECO Region:
RF1 Index: 02030104008
RF1 Mile Point: 1.540
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J.
TIDE CORRECTION (H/L): (+1:09/+1:45)
ASSOCIATED NOAA WEATHER STATION: 4987

Parameter Inventory for Station: GATE0273

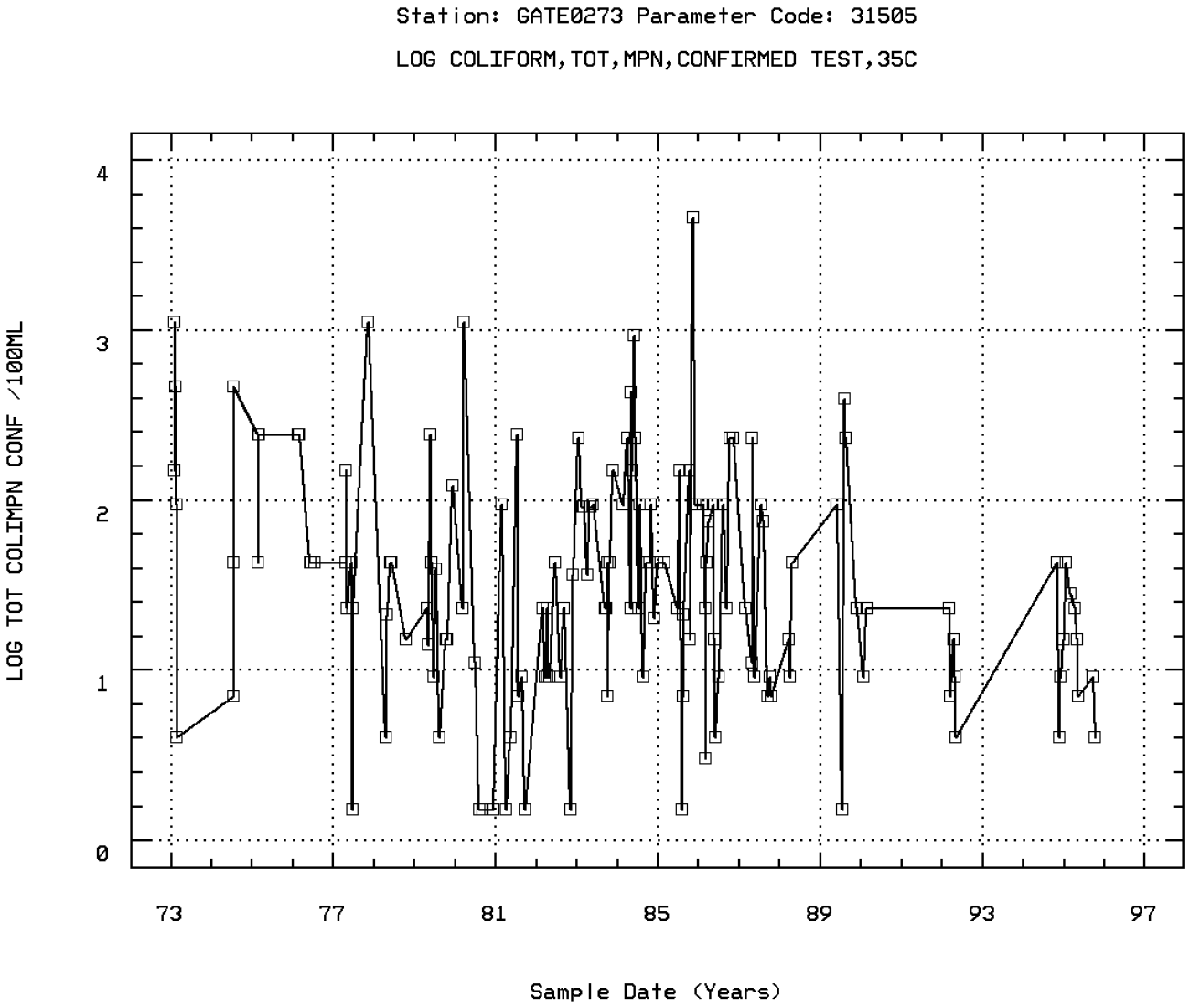
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-10/17/95	50	14.	13.686	28.	0.	66.994	8.185	2.1	4.4	21.025	23.27
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	167	17.	16.471	32.	0.	59.871	7.738	6.	10.	22.	27.04
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	182	7.	7.341	20.	0.	20.845	4.566	1.3	3.	10.	14.
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	151	23.	123.195	4600.	1.5	168425.903	410.397	4.	9.	93.	240.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	151	1.362	1.499	3.663	0.176	0.472	0.687	0.602	0.954	1.968	2.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			31.536								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	151	15.	32.46	460.	1.5	3811.472	61.737	1.5	4.	39.	87.8
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	151	1.176	1.099	2.663	0.176	0.363	0.602	0.176	0.602	1.591	1.942
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.557								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	30	9.1	28.997	240.	1.5	3436.567	58.622	3.6	3.6	23.	43.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/88-08/08/95	30	0.959	1.066	2.38	0.176	0.284	0.533	0.556	0.556	1.362	1.633
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			11.637								
31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	07/17/74-10/16/78	8	4.	6.625	11.	4.	13.125	3.623	**	**	**	**
31678	LOG FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATI	07/17/74-10/16/78	8	0.602	0.767	1.041	0.602	0.052	0.227	**	**	**	**
31678	GM FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATIO	GEOMETRIC MEAN =			5.845								
70211p	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	184	11129.	6796.859	11704.	1015.	24927097.138	4992.704	1201.5	1330.	11314.	11449.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

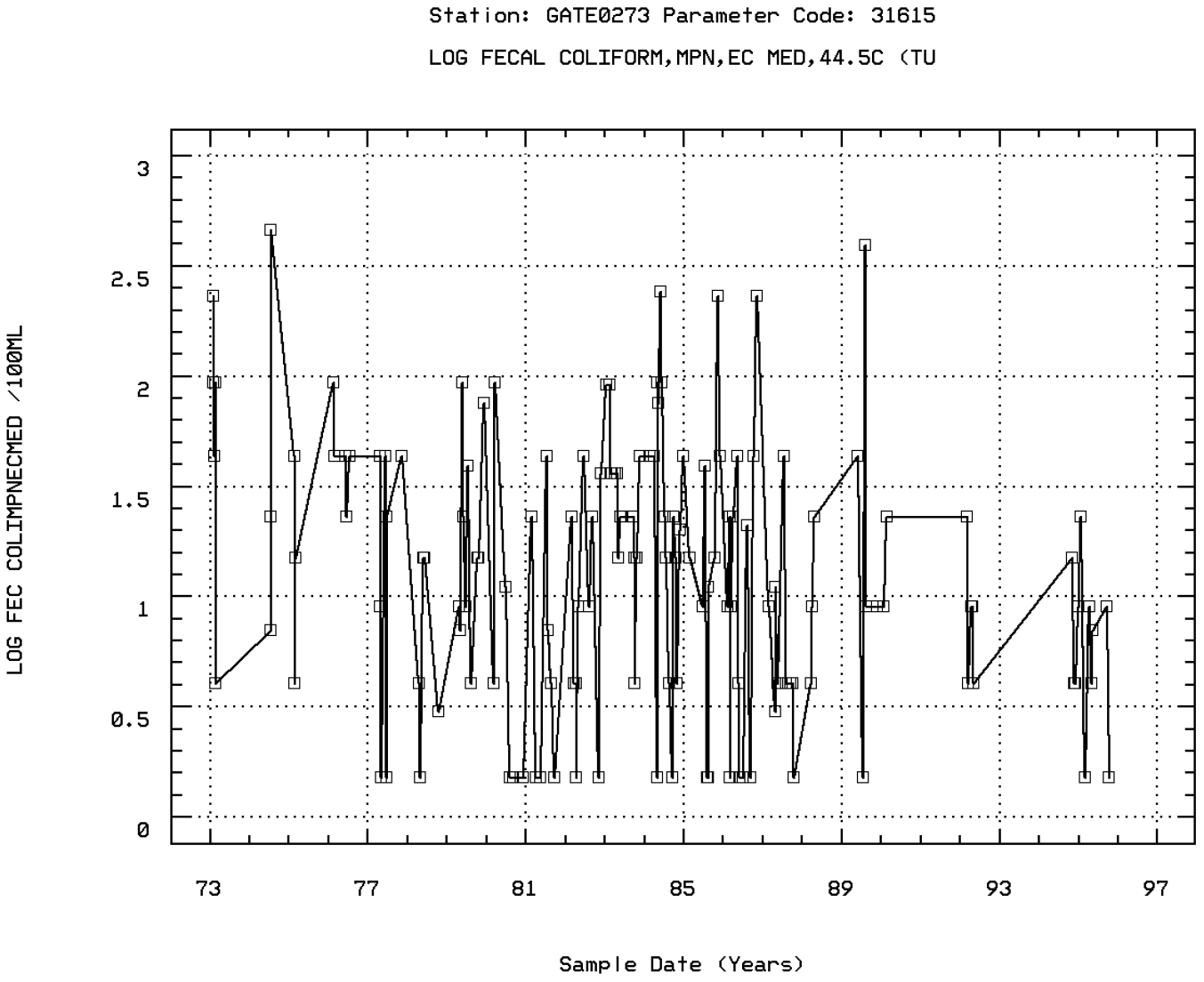
EPA Water Quality Criteria Analysis for Station: GATE0273

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	151	4	0.03	37	0	0.00	50	4	0.08	64	0	0.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	151	6	0.04	37	1	0.03	50	3	0.06	64	2	0.03			

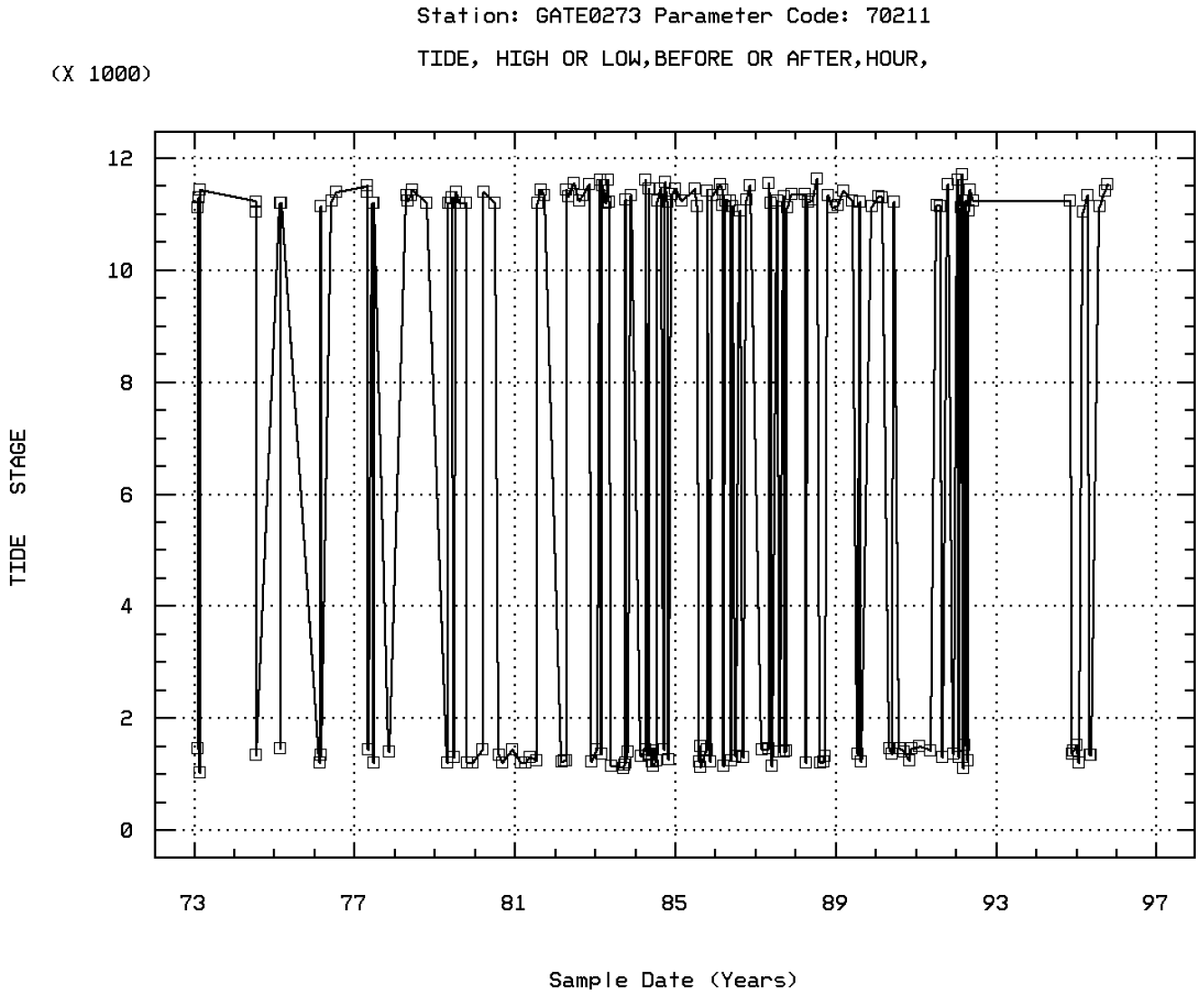
& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



NAVESINK RIVER



NAVESINK RIVER



NAVESINK RIVER

Annual Analysis for 1973 - Station GATE0273

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	5	4.	3.6	6.	0.	5.3	2.302	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	5	150.	361.4	1100.	4.	199928.8	447.134	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	5	2.176	2.09	3.041	0.602	0.867	0.931	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			123.071								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	5	93.	92.6	230.	4.	7297.3	85.424	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	5	1.968	1.707	2.362	0.602	0.448	0.669	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			50.915								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	5	11115.	7261.	11430.	1015.	30346442.5	5508.761	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station GATE0273

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	3	10.	8.333	10.	5.	8.333	2.887	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	3	43.	170.	460.	7.	63399.	251.792	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	3	1.633	1.714	2.663	0.845	0.831	0.911	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			51.734								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	3	23.	163.333	460.	7.	66072.333	257.045	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	3	1.362	1.623	2.663	0.845	0.877	0.937	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			41.995								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	3	11045.	7863.333	11215.	1330.	32020558.333	5658.671	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GATE0273

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	3	15.	13.333	20.	5.	58.333	7.638	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	3	240.	174.333	240.	43.	12936.333	113.738	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	3	2.38	2.131	2.38	1.633	0.186	0.431	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			135.3								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	3	15.	20.667	43.	4.	404.333	20.108	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	3	1.176	1.137	1.633	0.602	0.267	0.517	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			13.715								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	3	11200.	7948.333	11200.	1445.	31720008.333	5632.052	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station GATE0273

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	3	27.2	26.9	28.	25.5	1.63	1.277	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	4	4.5	3.75	5.	1.	3.583	1.893	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	6	141.5	141.5	240.	43.	11642.7	107.901	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	6	2.007	2.007	2.38	1.633	0.167	0.409	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			101.587								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	6	43.	48.	93.	23.	550.	23.452	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	6	1.633	1.644	1.968	1.362	0.037	0.193	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			44.057								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	5	11145.	7261.	11400.	1200.	29970555.	5474.537	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GATE0273

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	7	18.	19.	28.	10.	78.333	8.851	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	6	4.	4.333	10.	1.	10.267	3.204	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	7	43.	197.643	1100.	1.5	160636.56	400.795	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	7	1.633	1.626	3.041	0.176	0.758	0.871	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			42.294								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	7	23.	23.429	43.	1.5	386.536	19.661	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	7	1.362	1.081	1.633	0.176	0.441	0.664	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.057								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	7	11200.	7047.143	11500.	1200.	28483223.81	5336.968	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GATE0273

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	5	16.	17.8	24.	12.	25.2	5.02	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	5	5.	5.6	10.	0.	14.3	3.782	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	5	21.	25.2	43.	4.	301.2	17.355	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	5	1.322	1.273	1.633	0.602	0.18	0.425	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			18.77								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	5	4.	7.7	15.	1.5	45.2	6.723	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	5	0.602	0.721	1.176	0.176	0.196	0.443	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.266								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	5	11330.	11304.	11430.	11200.	8380.	91.542	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station GATE0273

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	10	21.	19.1	28.	4.	52.989	7.279	4.8	13.5	24.25	27.7
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	10	7.5	7.	12.	2.	17.111	4.137	2.1	3.	10.5	12.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	10	19.	52.2	240.	4.	5488.178	74.082	4.5	12.75	62.25	228.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	10	1.269	1.41	2.38	0.602	0.279	0.528	0.637	1.098	1.745	2.35
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			25.706								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	10	15.	28.9	93.	4.	960.989	31.	4.3	8.5	48.	91.2
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	10	1.176	1.25	1.968	0.602	0.201	0.448	0.626	0.927	1.662	1.959
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			17.8								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	10	11200.	7240.	11400.	1200.	26804888.889	5177.344	1200.	1200.	11225.	11390.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GATE0273

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	6	14.	15.5	27.	6.	77.5	8.803	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	6	6.5	6.5	10.	4.	5.5	2.345	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	6 ##	6.25	189.75	1100.	1.5	198925.275	446.01	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	6 ##	0.609	0.995	3.041	0.176	1.267	1.126	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			9.896								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	6 ##	2.75	18.75	93.	1.5	1336.675	36.561	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	6 ##	0.389	0.69	1.968	0.176	0.512	0.715	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.898								

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Annual Analysis for 1980 - Station GATE0273

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	6	1430.	4665.	11400.	1200.	26425070.	5140.532	**	**	**	**

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Annual Analysis for 1981 - Station GATE0273

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	7	20.	21.	31.	10.	41.667	6.455	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	7	10.	9.714	15.	3.	20.571	4.536	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	7	7.	50.857	240.	1.5	8049.06	89.717	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	7	0.845	1.015	2.38	0.176	0.731	0.855	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			10.342								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	7	4.	11.643	43.	1.5	250.143	15.816	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	7	0.602	0.71	1.633	0.176	0.36	0.6	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.13								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	7	1300.	5555.714	11430.	1200.	29079161.905	5392.51	**	**	**	**

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Annual Analysis for 1982 - Station GATE0273

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	10	15.5	15.8	26.	4.	43.956	6.63	4.4	11.75	21.25	25.6
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	10	5.5	6.4	15.	1.	18.711	4.326	1.2	3.	10.	14.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	10	16.	18.55	43.	1.5	179.692	13.405	2.25	9.	26.25	42.3
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	10	1.158	1.127	1.633	0.176	0.181	0.426	0.254	0.954	1.41	1.626
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			13.391								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	10	9.	15.4	43.	1.5	225.544	15.018	1.5	3.375	26.25	42.3
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	10	0.954	0.938	1.633	0.176	0.29	0.539	0.176	0.496	1.41	1.626
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.666								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	10	11272.	7331.	11545.	1228.	27549574.	5248.769	1228.	1236.25	11453.25	11544.3

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Annual Analysis for 1983 - Station GATE0273

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	14	15.5	13.429	22.	0.	45.802	6.768	2.5	7.5	18.75	21.5
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	14	11.	9.786	15.	1.	27.874	5.28	1.	5.75	15.	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	14	91.	78.786	230.	7.	3434.951	58.608	15.	32.75	91.5	190.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	14	1.959	1.764	2.362	0.845	0.154	0.393	1.103	1.508	1.961	2.269
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			58.051								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	14	29.5	34.786	91.	4.	687.104	26.213	9.5	15.	37.75	91.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	14	1.459	1.428	1.959	0.602	0.12	0.346	0.889	1.176	1.576	1.959
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			26.793								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	14	6319.	6323.643	11614.	1108.	27666164.247	5259.864	1124.5	1195.25	11382.75	11610.

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Annual Analysis for 1984 - Station GATE0273

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	17	19.	18.235	31.	2.	66.566	8.159	6.8	12.	25.	29.4
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	17	9.	8.235	15.	1.	21.191	4.603	1.8	3.5	12.	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	15	93.	163.533	930.	9.	57856.124	240.533	15.6	23.	230.	630.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	15	1.968	1.886	2.968	0.954	0.303	0.55	1.162	1.362	2.362	2.767
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			76.867								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	15	23.	46.267	240.	1.5	3861.174	62.138	1.5	4.	75.	151.8
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	15	1.362	1.293	2.38	0.176	0.439	0.663	0.176	0.602	1.875	2.133
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			19.625								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	17	1438.	5471.235	11602.	1135.	26226605.941	5121.192	1200.6	1288.	11394.	11567.6

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Annual Analysis for 1985 - Station GATE0273

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	11	18.	19.273	32.	7.	58.418	7.643	7.8	12.	26.	30.8
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	11	3.	4.909	15.	2.	17.491	4.182	2.	2.	8.	13.8
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	11	43.	467.864	4600.	1.5	1881073.305	1371.522	2.6	15.	150.	3710.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	11	1.633	1.648	3.663	0.176	0.794	0.891	0.31	1.176	2.176	3.365
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			44.497								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	11	15.	38.455	230.	1.5	4273.423	65.371	1.5	9.	43.	192.6
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	11	1.176	1.191	2.362	0.176	0.406	0.637	0.176	0.954	1.633	2.216
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			15.507								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	11	11128.	6771.182	11450.	1120.	27500644.964	5244.106	1138.4	1217.	11420.	11449.8

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Annual Analysis for 1986 - Station GATE0273

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	13	19.	16.	29.	5.	74.167	8.612	5.4	6.5	22.5	28.2
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	13	4.	5.538	14.	1.	17.603	4.196	1.	2.5	9.	13.2
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	13	43.	71.846	230.	3.	6125.474	78.265	3.4	12.	93.	230.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	13	1.633	1.544	2.362	0.477	0.381	0.617	0.527	1.065	1.968	2.362
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			34.985								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	13	9.	31.615	230.	1.5	3774.173	61.434	1.5	1.5	33.	155.2
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	13	0.954	0.991	2.362	0.176	0.492	0.701	0.176	0.176	1.498	2.07
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.806								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	13	11148.	8197.769	11534.	1149.	23230980.026	4819.853	1187.4	1312.5	11339.	11527.6

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Annual Analysis for 1987 - Station GATE0273

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	8	13.	13.	22.	7.	24.571	4.957	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	12	5.	6.667	15.	1.	27.697	5.263	1.	1.25	11.5	14.7
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	10	10.	47.1	230.	7.	5105.433	71.452	7.	7.	79.5	216.3
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	10	0.998	1.305	2.362	0.845	0.315	0.561	0.845	0.845	1.898	2.322
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			20.194								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	10	4.	8.75	43.	1.5	152.958	12.368	1.65	3.75	9.5	39.8
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	10	0.602	0.729	1.633	0.176	0.157	0.397	0.206	0.571	0.976	1.574
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.361								

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Annual Analysis for 1987 - Station GATE0273

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	12	6287.	6333.	11546.	1131.	26849160.364	5181.618	1212.9	1407.5	11293.	11485.1

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Annual Analysis for 1988 - Station GATE0273

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	10	14.5	15.	26.	6.	42.	6.481	6.3	9.75	19.	25.9
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	10	6.	5.7	10.	0.	7.789	2.791	0.3	4.5	8.	9.8
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	3	15.	22.333	43.	9.	329.333	18.148	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	3	1.176	1.255	1.633	0.954	0.12	0.346	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			17.972								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	3	9.	12.	23.	4.	97.	9.849	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	3	0.954	0.973	1.362	0.602	0.145	0.38	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.39								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	10	11168.5	7281.4	11629.	1203.	27111918.933	5206.911	1203.1	1211.5	11329.5	11600.4

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Annual Analysis for 1989 - Station GATE0273

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	7	21.	19.571	28.	5.	74.619	8.638	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	7	5.	6.286	15.	1.	25.905	5.09	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	5	93.	147.5	390.	1.5	26349.75	162.326	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	5	1.968	1.692	2.591	0.176	0.935	0.967	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			49.183								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	5	9.	90.5	390.	1.5	28290.5	168.198	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	5	0.954	1.262	2.591	0.176	0.818	0.905	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			18.274								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	7	11153.	8390.571	11406.	1228.	23517820.619	4849.518	**	**	**	**

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Annual Analysis for 1990 - Station GATE0273

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	9	19.	16.556	25.	5.	53.778	7.333	5.	8.5	22.5	25.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	9	10.	9.778	15.	4.	17.194	4.147	4.	6.	14.5	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	2	16.	16.	23.	9.	98.	9.899	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	2	1.158	1.158	1.362	0.954	0.083	0.288	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			14.387								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	2	16.	16.	23.	9.	98.	9.899	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	2	1.158	1.158	1.362	0.954	0.083	0.288	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			14.387								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	9	1455.	4687.444	11320.	1238.	24440391.028	4943.722	1238.	1376.	11257.5	11320.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0273

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	7	24.	20.286	30.	6.	88.905	9.429	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	7	8.	7.857	14.	1.	17.143	4.14	**	**	**	**
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	7	1501.	5629.286	11534.	1302.	27903820.571	5282.407	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0273

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	11	8.	11.	23.	5.	35.	5.916	5.2	6.	17.	22.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	11	8.	7.455	15.	1.	20.473	4.525	1.2	2.	10.	14.4
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	5	9.	11.6	23.	4.	56.8	7.537	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	5	0.954	0.988	1.362	0.602	0.086	0.294	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			9.724								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	5	9.	9.8	23.	4.	60.7	7.791	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	5	0.954	0.895	1.362	0.602	0.099	0.315	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.85								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	11	11124.	7686.818	11704.	1100.	25758209.164	5075.255	1128.6	1301.	11426.	11686.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station GATE0273

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	3	10.	10.	15.	5.	25.	5.	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	3	14.	12.667	14.	10.	5.333	2.309	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	3	9.	18.667	43.	4.	450.333	21.221	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	3	0.954	1.063	1.633	0.602	0.275	0.524	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			11.568								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	3	4.	7.667	15.	4.	40.333	6.351	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	3	0.602	0.793	1.176	0.602	0.11	0.331	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.214								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	3	1424.	4667.	11228.	1349.	32286447.	5682.116	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station GATE0273

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	9	13.	12.	24.	1.	70.25	8.382	1.	2.5	19.	24.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	9	10.	10.667	14.	2.	14.	3.742	2.	10.	14.	14.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	8	15.	18.	43.	4.	166.571	12.906	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	8	1.176	1.149	1.633	0.602	0.114	0.338	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			14.109								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	8	8.	8.	23.	1.5	47.071	6.861	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	8	0.9	0.753	1.362	0.176	0.17	0.412	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.662								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	9	11044.	6872.111	11537.	1200.	27492932.861	5243.37	1200.	1342.	11371.	11537.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0273

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	44	20.5	20.523	32.	11.	30.348	5.509	12.	16.25	25.	27.5
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	47	6.	6.957	15.	0.	21.389	4.625	1.	3.	10.	15.
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	37	15.	47.108	390.	1.5	6516.849	80.727	1.5	7.	43.	166.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	37	1.176	1.239	2.591	0.176	0.391	0.625	0.176	0.845	1.633	2.213
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			17.344								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	37	4.	20.041	390.	1.5	3993.283	63.192	1.5	2.25	15.	23.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	37	0.602	0.827	2.591	0.176	0.291	0.54	0.176	0.327	1.176	1.362
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.719								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	10	9.1	34.56	240.	1.5	5369.292	73.275	1.71	3.6	28.	220.3
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/88-08/08/95	10	0.959	1.01	2.38	0.176	0.412	0.642	0.214	0.556	1.43	2.306
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			10.227								
70211p	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	47	1501.	6193.191	11559.	1108.	25538528.767	5053.566	1200.	1301.	11252.	11434.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0273

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	52	7.5	8.115	19.	0.	17.124	4.138	3.3	5.25	10.	14.7
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	61	8.	8.41	20.	0.	24.246	4.924	2.	4.5	14.	15.
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	50	43.	235.18	4600.	1.5	464805.528	681.766	4.3	22.25	170.	438.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	50	1.633	1.719	3.663	0.176	0.553	0.743	0.626	1.347	2.223	2.635
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			52.374								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	50	23.	42.18	230.	1.5	3100.538	55.682	4.	7.75	43.	93.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	50	1.362	1.287	2.362	0.176	0.353	0.594	0.602	0.866	1.633	1.968
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			19.381								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	12	16.05	18.142	43.	1.5	198.317	14.083	2.13	7.75	23.	43.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/88-08/08/95	12	1.16	1.099	1.633	0.176	0.192	0.438	0.29	0.887	1.362	1.633
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			12.557								
70211p	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	63	11115.	6563.	11704.	1015.	25405543.161	5040.391	1200.	1349.	11342.	11512.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

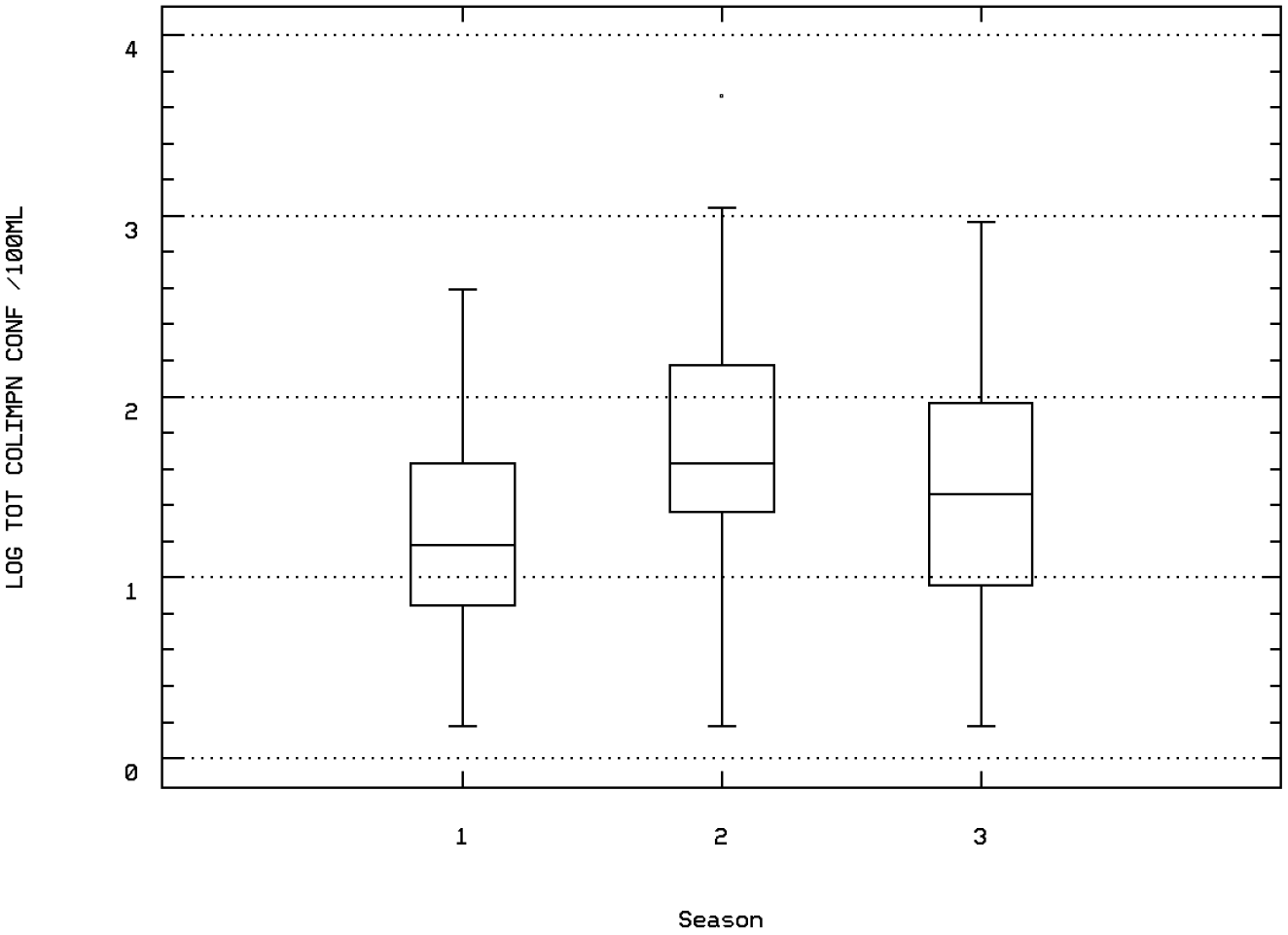
Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0273

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	71	20.	20.08	31.	8.	35.466	5.955	12.	15.	25.5	28.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	74	5.5	6.703	15.	0.	16.815	4.101	2.	3.	10.	12.
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	64	29.5	79.695	930.	1.5	20499.568	143.177	4.	9.	92.5	230.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	64	1.459	1.477	2.968	0.176	0.392	0.626	0.602	0.954	1.966	2.362
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			29.977								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	64	13.	32.047	460.	1.5	4215.783	64.929	1.5	4.	42.	59.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	64	1.109	1.109	2.663	0.176	0.351	0.593	0.176	0.602	1.623	1.754
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.842								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	8	9.1	38.325	240.	3.6	6676.531	81.71	**	**	**	**
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/88-08/08/95	8	0.959	1.086	2.38	0.556	0.34	0.583	**	**	**	**
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			12.199								
70211p	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	74	11200.	7379.365	11629.	1131.	24192611.742	4918.599	1210.	1340.25	11303.5	11445.

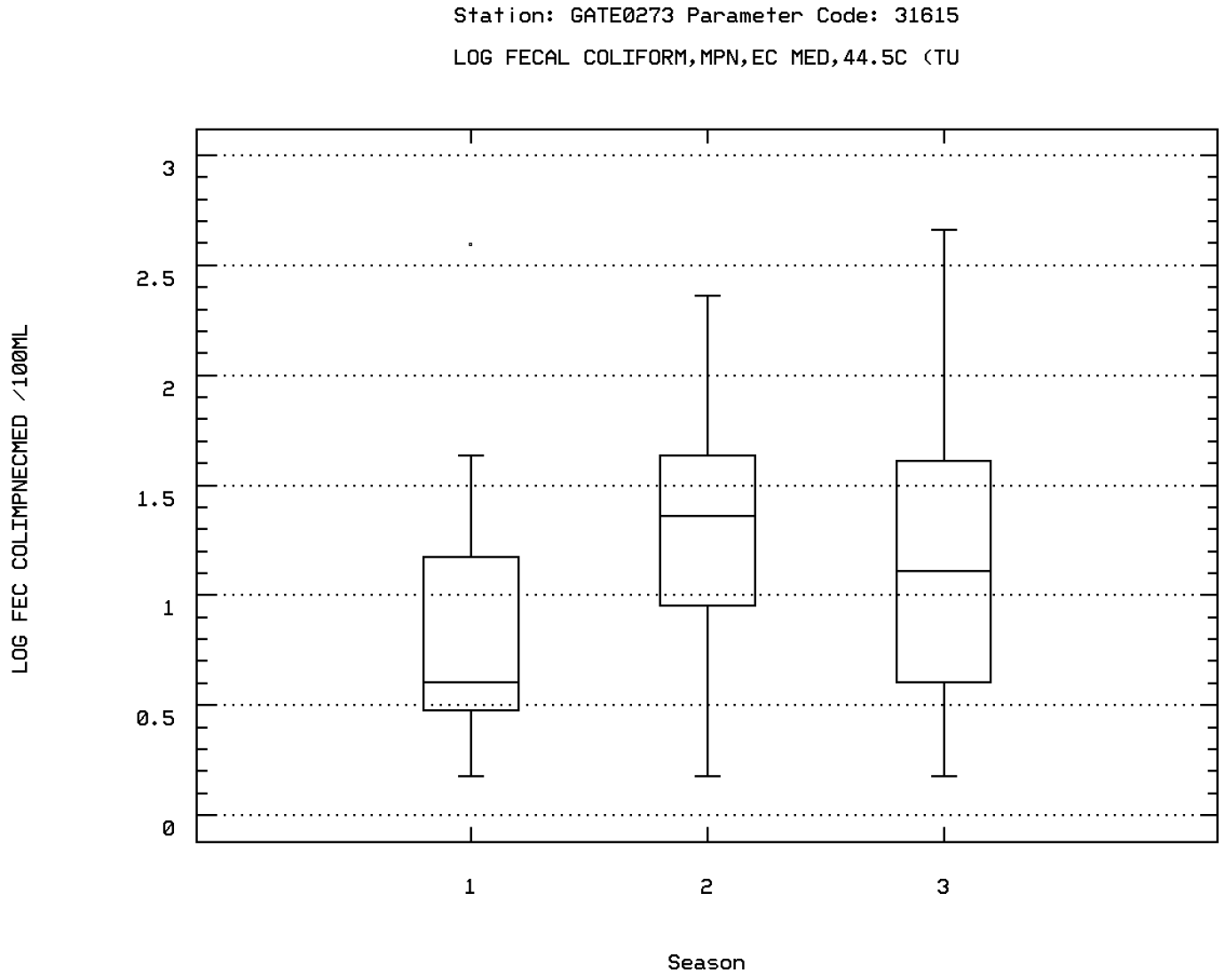
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: GATE0273 Parameter Code: 31505

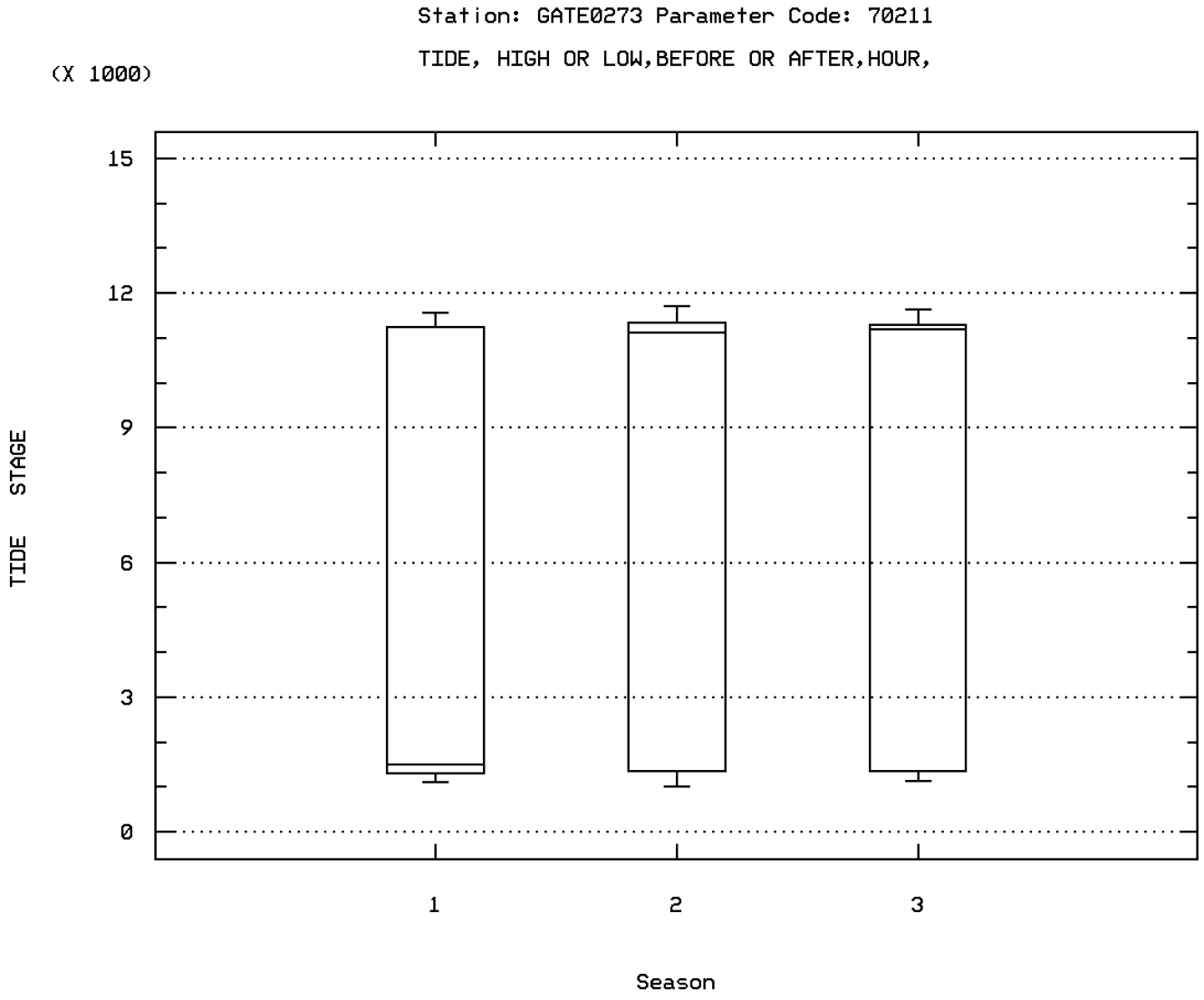
LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C



NAVESINK RIVER



NAVESINK RIVER



NAVESINK RIVER

Station Inventory for Station: GATE0274

NPS Station ID: GATE0274 LAT/LON: 40.457781/ -74.007504 Agency: 21NJDEP1 Date Created: 04/04/81
Location: SANDY HOOK BAY FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): L6995137108 /910E /SF02009
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 02030104 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST MAJOR BASIN Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA ECO Region:
RF1 Index: 02030104013 RF1 Mile Point: 5.270 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J. TIDE CORRECTION (H/L): (-0:01/ 0:00)
ASSOCIATED NOAA WEATHER STATION: 7865

Parameter Inventory for Station: GATE0274

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-05/18/92	63	18.	14.735	25.	-0.6	66.47	8.153	1.9	8.	22.	23.3
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	141	18.	18.872	36.	0.	72.612	8.521	8.	12.	26.	30.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	167	4.	4.934	20.	0.	14.219	3.771	1.	2.	8.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	150	9.	170.89	4600.	1.5	370879.369	608.999	1.5	1.5	93.	240.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	150	0.954	1.175	3.663	0.176	0.838	0.915	0.176	0.176	1.968	2.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			14.973								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	142	4.	42.546	2400.	1.5	45094.017	212.354	1.5	1.5	15.	43.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	142	0.602	0.756	3.38	0.176	0.482	0.694	0.176	0.176	1.176	1.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.697								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/15/90-05/18/92	18 ##	2.55	5.217	23.	1.5	34.083	5.838	1.5	1.5	7.75	15.8
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	05/15/90-05/18/92	18 ##	0.366	0.52	1.362	0.176	0.164	0.404	0.176	0.176	0.887	1.195
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			3.311								
31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	08/10/73-12/01/78	15	3.	3.467	4.	3.	0.267	0.516	3.	3.	4.	4.
31678	LOG FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATI	08/10/73-12/01/78	15	0.477	0.535	0.602	0.477	0.004	0.065	0.477	0.477	0.602	0.602
31678	GM FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATIO	GEOMETRIC MEAN =			3.431								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	168	11107.5	6606.238	11602.	1052.	24635890.051	4963.455	1241.	1346.	11245.	11412.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0274

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	150	7	0.05	35	0	0.00	50	5	0.10	65	2	0.03			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	142	7	0.05	28	0	0.00	49	4	0.08	65	3	0.05			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1973 - Station GATE0274

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	7	5.	6.	12.	3.	8.	2.828	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	7	150.	156.714	460.	1.5	29567.488	171.952	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	7	2.176	1.508	2.663	0.176	1.278	1.131	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			32.184								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	7	1515.	5580.	11200.	1100.	27329741.667	5227.786	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station GATE0274

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	7	6.	6.714	15.	0.	34.238	5.851	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	7	93.	149.714	460.	23.	24557.905	156.71	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	7	1.968	1.968	2.663	1.362	0.22	0.469	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			92.83								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	7	23.	72.643	240.	1.5	8259.726	90.883	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	7	1.362	1.392	2.38	0.176	0.662	0.814	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			24.687								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	7	1430.	4215.	11315.	1200.	23534408.333	4851.228	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GATE0274

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	10	7.5	8.3	20.	0.	34.9	5.908	0.2	4.25	11.25	19.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	10	59.	109.7	460.	4.	19617.122	140.061	5.9	23.	129.75	438.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	10	1.754	1.745	2.663	0.602	0.332	0.576	0.678	1.362	2.071	2.635
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			55.558								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	10	19.	18.35	43.	1.5	247.836	15.743	1.5	1.5	28.	43.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	10	1.269	1.001	1.633	0.176	0.363	0.602	0.176	0.176	1.43	1.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.025								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	10	1395.	5280.	11445.	1130.	26394533.333	5137.561	1140.	1305.	11168.75	11433.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GATE0274

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	10	26.	24.9	30.	10.	32.1	5.666	11.4	24.	28.25	29.9
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	9	3.	4.111	15.	1.	21.361	4.622	1.	1.	5.5	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	10	6.5	250.25	2400.	1.5	570719.125	755.46	1.5	1.5	28.	2164.3
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	10	0.778	1.024	3.38	0.176	0.953	0.976	0.176	0.176	1.43	3.206
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			10.564								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	10	4.	9.2	23.	1.5	95.844	9.79	1.5	1.5	23.	23.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	10	0.602	0.695	1.362	0.176	0.277	0.527	0.176	0.176	1.362	1.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.952								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	10	11245.	9318.5	11545.	1245.	17960622.5	4237.997	1252.	8740.	11403.75	11532.

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Annual Analysis for 1978 - Station GATE0274

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	7	16.	19.	32.	6.	95.667	9.781	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	7	5.	4.143	10.	0.	10.81	3.288	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	7	9.	330.643	1100.	1.5	277254.06	526.549	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	7	0.954	1.518	3.041	0.176	1.376	1.173	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			32.991								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	7	9.	35.	93.	1.5	1778.917	42.177	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	7	0.954	1.068	1.968	0.176	0.627	0.792	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.706								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	7	11215.	7027.857	11345.	1300.	27799832.143	5272.555	**	**	**	**

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Annual Analysis for 1979 - Station GATE0274

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	9	26.	26.556	36.	15.	45.778	6.766	15.	22.	32.	36.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	9	5.	4.889	10.	2.	6.611	2.571	2.	2.5	6.5	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	9	3.	144.889	1100.	1.5	129807.736	360.288	1.5	1.5	93.	1100.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	9	0.477	1.013	3.041	0.176	1.129	1.063	0.176	0.176	1.968	3.041
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			10.296								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	9 ##	1.5	53.889	460.	1.5	23200.924	152.318	1.5	1.5	8.	460.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	9 ##	0.176	0.613	2.663	0.176	0.69	0.83	0.176	0.176	0.9	2.663
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.104								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	9	11215.	6890.556	11515.	1245.	27939752.778	5285.807	1245.	1295.	11380.	11515.

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Annual Analysis for 1980 - Station GATE0274

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	6	18.5	17.167	28.	0.	108.967	10.439	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	6	1.5	3.	10.	0.	16.	4.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	6	122.	482.	2400.	4.	896260.8	946.711	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	6	1.491	1.658	3.38	0.602	1.471	1.213	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			45.478								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	6	6.5	81.833	460.	1.5	34349.267	185.336	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	6	0.778	0.958	2.663	0.176	0.861	0.928	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.076								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	6	11315.	8046.667	11515.	1245.	26961336.667	5192.431	**	**	**	**

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Annual Analysis for 1981 - Station GATE0274

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	11	15.	16.364	30.	6.	70.255	8.382	6.2	9.	23.	29.8
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	11	3.	3.636	10.	0.	10.055	3.171	0.	1.	7.	9.4
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	11 ##	1.5	41.364	240.	1.5	5629.305	75.029	1.5	1.5	93.	210.6
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	11 ##	0.176	0.852	2.38	0.176	0.762	0.873	0.176	0.176	1.968	2.298
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			7.108								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	11 ##	1.5	13.045	43.	1.5	370.673	19.253	1.5	1.5	43.	43.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	11 ##	0.176	0.612	1.633	0.176	0.446	0.668	0.176	0.176	1.633	1.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.095								

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Annual Analysis for 1981 - Station GATE0274

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	11	1434.	4058.727	11245.	1206.	21252155.018	4610.006	1207.8	1311.	11215.	11245.

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Annual Analysis for 1982 - Station GATE0274

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	10	17.	17.7	35.	9.	59.344	7.704	9.2	11.75	20.5	34.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	10	5.	4.9	8.	1.	4.989	2.234	1.2	3.	6.5	8.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	10	36.	50.1	230.	1.5	4735.156	68.812	1.5	3.375	55.	216.1
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	10	1.556	1.283	2.362	0.176	0.549	0.741	0.176	0.496	1.715	2.321
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			19.19								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	9	## 15.	20.944	91.	1.5	828.84	28.79	1.5	1.5	29.5	91.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	9	## 1.176	0.929	1.959	0.176	0.446	0.668	0.176	0.176	1.459	1.959
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.489								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	10	6373.5	6341.5	11442.	1256.	27460275.389	5240.255	1262.5	1335.25	11311.25	11429.6

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Annual Analysis for 1983 - Station GATE0274

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	11	16.	17.727	29.	7.	47.018	6.857	7.8	12.	23.	28.4
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	11	5.	5.273	10.	1.	11.018	3.319	1.2	2.	8.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	11	## 9.	459.682	4600.	1.5	1898851.364	1377.988	1.5	1.5	15.	3758.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	11	## 0.954	1.134	3.663	0.176	1.187	1.09	0.176	0.176	1.176	3.448
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			13.599								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	11	## 4.	65.364	430.	1.5	19151.955	138.391	1.5	1.5	15.	390.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	11	## 0.602	0.948	2.633	0.176	0.762	0.873	0.176	0.176	1.176	2.579
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.879								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	11	1534.	5883.455	11531.	1219.	27158617.673	5211.393	1223.4	1241.	11356.	11510.6

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Annual Analysis for 1984 - Station GATE0274

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	15	17.	16.933	30.	4.	69.924	8.362	5.2	8.	23.	29.4
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	15	5.	5.867	12.	1.	13.695	3.701	1.6	3.	10.	11.4
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	15	9.	89.167	430.	1.5	22964.238	151.54	1.5	4.	93.	430.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	15	0.954	1.185	2.633	0.176	0.811	0.901	0.176	0.602	1.968	2.633
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			15.305								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	15	4.	9.533	43.	1.5	199.445	14.123	1.5	1.5	9.	43.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	15	0.602	0.646	1.633	0.176	0.27	0.52	0.176	0.176	0.954	1.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.427								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	15	11117.	7311.933	11350.	1257.	24457971.924	4945.5	1306.2	1544.	11226.	11333.8

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Annual Analysis for 1985 - Station GATE0274

Parameter		Period of Record	Obs		Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	10		18.5	19.6	31.	9.	59.378	7.706	9.1	13.	26.5	30.7
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	10		4.5	4.6	9.	1.	8.489	2.914	1.1	2.	8.	8.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	10		12.	471.9	4600.	1.5	2104036.211	1450.53	1.5	1.5	28.	4144.3
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	10		1.065	1.085	3.663	0.176	1.159	1.076	0.176	0.176	1.43	3.46
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =				12.174								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	10	##	1.5	243.1	2400.	1.5	574357.267	757.864	1.5	1.5	9.	2160.9
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	10	##	0.176	0.695	3.38	0.176	0.997	0.998	0.176	0.176	0.954	3.138
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =				4.951								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	10		11137.	7254.9	11323.	1141.	26177659.656	5116.411	1157.2	1342.	11261.	11321.3

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Annual Analysis for 1986 - Station GATE0274

Parameter		Period of Record	Obs		Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	10		13.5	17.3	32.	4.	121.122	11.006	4.2	7.5	29.	31.7
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	10		3.	4.8	12.	1.	19.067	4.367	1.	1.75	10.25	11.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	10		5.5	59.05	460.	1.5	20625.525	143.616	1.5	1.5	30.	423.3
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	10		0.724	0.912	2.663	0.176	0.667	0.817	0.176	0.176	1.208	2.593
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =				8.161								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	10	##	2.75	27.45	240.	1.5	5594.358	74.795	1.5	1.5	6.75	217.5
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	10	##	0.389	0.624	2.38	0.176	0.488	0.699	0.176	0.176	0.746	2.26
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =				4.21								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	10		6193.5	6236.6	11602.	1129.	28332460.711	5322.825	1131.1	1194.25	11229.25	11572.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GATE0274

Parameter		Period of Record	Obs		Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	7		15.	17.286	33.	9.	69.571	8.341	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	10		2.	3.6	9.	1.	10.933	3.307	1.	1.	8.	8.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	10		9.	52.25	230.	1.5	8816.681	93.897	1.5	1.5	73.25	230.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	10		0.954	1.026	2.362	0.176	0.671	0.819	0.176	0.176	1.582	2.362
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =				10.618								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	10		4.	7.	23.	1.5	51.889	7.203	1.5	1.5	10.5	22.2
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	10		0.602	0.635	1.362	0.176	0.208	0.456	0.176	0.176	1.01	1.343
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =				4.32								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	10		11147.5	9245.9	11426.	1300.	17017804.544	4125.264	1324.5	8643.75	11247.75	11416.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GATE0274

Parameter		Period of Record	Obs		Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	8		21.	19.	31.	2.	114.857	10.717	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	8		4.	4.75	12.	1.	11.357	3.37	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	8		3.5	3.563	9.	1.5	6.174	2.485	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	8		0.54	0.471	0.954	0.176	0.078	0.279	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =				2.956								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	8	##	1.5	2.438	4.	1.5	1.674	1.294	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	8	##	0.176	0.336	0.602	0.176	0.049	0.22	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =				2.167								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GATE0274

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	8	6246.5	6326.625	11444.	1328.	27795129.125	5272.109	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0274

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	7	18.	17.571	29.	1.	97.952	9.897	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	7	2.	3.143	8.	1.	7.143	2.673	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	7	9.	22.5	93.	1.5	1046.417	32.348	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	7	0.954	1.004	1.968	0.176	0.366	0.605	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			10.087								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	7	4.	6.357	23.	1.5	60.976	7.809	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	7	0.602	0.578	1.362	0.176	0.207	0.455	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.787								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	7	1507.	5666.714	11408.	1334.	27968030.571	5288.481	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0274

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	8	19.5	20.5	31.	10.	70.857	8.418	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	8	3.5	3.625	8.	1.	5.696	2.387	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	2 ##	5.25	5.25	9.	1.5	28.125	5.303	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	2 ##	0.565	0.565	0.954	0.176	0.303	0.55	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			3.674								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	2 ##	0.176	0.176	0.176	0.176	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.5								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	8	6275.	6261.375	11354.	1245.	27847163.125	5277.041	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0274

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	8	17.5	18.625	30.	11.	50.268	7.09	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	8	6.5	6.125	12.	1.	17.839	4.224	**	**	**	**
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	8	11174.5	7598.75	11513.	1240.	26158173.643	5114.506	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0274

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	4	12.	13.25	22.	7.	50.25	7.089	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	4	4.	5.25	12.	1.	22.25	4.717	**	**	**	**
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	4	6280.5	6203.75	11202.	1052.	32350050.917	5687.711	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0274

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-05/18/92	13	23.3	22.585	25.	16.	5.721	2.392	17.6	21.85	23.95	25.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	31	23.	21.935	36.	7.	50.996	7.141	11.6	16.	27.	30.8
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	40	5.	5.1	12.	1.	9.682	3.112	2.	3.	6.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	35	4.	50.871	460.	1.5	10019.52	100.098	1.5	1.5	36.	234.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	35	0.602	0.954	2.663	0.176	0.67	0.819	0.176	0.176	1.556	2.369
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			8.997								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	28 ##	1.5	8.429	93.	1.5	342.328	18.502	1.5	1.5	4.	24.3
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	28 ##	0.176	0.508	1.968	0.176	0.249	0.499	0.176	0.176	0.602	1.381
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.224								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	40	11068.5	6547.2	11442.	1100.	24806196.933	4980.582	1241.4	1436.	11206.75	11393.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0274

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-05/18/92	20	5.	4.13	10.	-0.6	9.83	3.135	0.65	1.25	7.75	0.26
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	45	10.	9.911	17.	0.	17.401	4.171	4.	7.5	12.	16.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	57	4.	5.14	20.	0.	20.444	4.522	0.	1.	8.5	11.2
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	50	37.5	321.23	4600.	1.5	638914.461	799.321	1.5	4.	240.	1036.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	50	1.574	1.552	3.663	0.176	1.032	1.016	0.176	0.602	2.38	3.004
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			35.623								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	49	9.	84.969	2400.	1.5	120601.202	347.277	1.5	1.5	33.	150.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	49	0.954	0.949	3.38	0.176	0.669	0.818	0.176	0.176	1.498	2.176
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.894								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	57	1534.	5728.175	11545.	1052.	24763339.504	4976.278	1238.2	1335.	11247.5	11432.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0274

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-05/18/92	30	20.	18.403	23.	10.	14.197	3.768	12.	16.	21.025	22.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	65	26.	23.615	35.	10.	39.115	6.254	14.6	18.5	28.5	30.4
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	70	3.5	4.671	15.	0.	12.021	3.467	1.	2.	7.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	65	7.	119.869	4600.	1.5	340782.643	583.766	1.5	1.5	33.	147.8
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	65	0.845	1.005	3.663	0.176	0.637	0.798	0.176	0.176	1.498	2.126
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			10.114								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	65	4.	25.262	460.	1.5	6561.837	81.005	1.5	1.5	15.	43.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	65	0.602	0.716	2.663	0.176	0.397	0.63	0.176	0.176	1.176	1.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.204								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	71	11145.	7344.423	11602.	1129.	23960425.876	4894.939	1227.4	1345.	11306.	11412.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0275

NPS Station ID: GATE0275 LAT/LON: 40.381670/ -74.008059 Agency: 21NJDEP1 Date Created: 08/08/81
Location: NAVESINK RIVER FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): 100080016E /1014E /SF03070
RMI-Indexes: 0133006 000020 Within Park Boundary: No
RMI-Miles: 0001.70 0001.63
HUC: 02030104 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST MAJOR BASIN Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA ECO Region:
RF1 Index: 02030104008 RF1 Mile Point: 1.540 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J. TIDE CORRECTION (H/L): (+1:09/+1:45)
ASSOCIATED NOAA WEATHER STATION: 4987

Parameter Inventory for Station: GATE0275

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-02/28/73	5	1.7	1.78	3.3	0.	2.297	1.516	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-02/28/73	5	4.	3.6	6.	0.	5.3	2.302	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-02/28/73	5	150.	422.	1500.	15.	391857.5	625.985	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-02/28/73	5	2.176	2.068	3.176	1.176	0.788	0.887	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			116.833								
31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	02/05/73-02/28/73	5	3.	3.	3.	3.	0.	0.	**	**	**	**
31678	LOG FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATI	02/05/73-02/28/73	5	0.477	0.477	0.477	0.477	0.	0.	**	**	**	**
31678	GM FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATIO	GEOMETRIC MEAN =			3.								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-02/28/73	5	11130.	7278.	11430.	1015.	30246207.5	5499.655	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0275

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	5	1	0.20				5	1	0.20						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0276

NPS Station ID: GATE0276
LAT/LON: 40.382781/ -74.009170
Agency: 21NJDEP1
Date Created: 08/08/81
Location: NAVESINK RIVER
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 100080016D /1014D /SF03071
RMI-Indexes: 0133006 000020
Within Park Boundary: No
RMI-Miles: 0001.70 0001.67
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST MAJOR BASIN
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA
ECO Region:
RF1 Index: 02030104008
RF1 Mile Point: 1.640
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J.
TIDE CORRECTION (H/L): (+1:09/+1:45)
ASSOCIATED NOAA WEATHER STATION: 4987

Parameter Inventory for Station: GATE0276

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-10/17/95	53	16.	14.106	28.	0.	66.121	8.131	2.4	5.2	21.1	23.18
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	192	16.5	16.384	32.	0.	61.018	7.811	6.	10.	22.	27.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	210	7.	7.348	20.	0.	22.324	4.725	1.	3.	10.	14.
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	180	23.	125.289	2400.	1.5	93941.612	306.499	4.	9.	93.	240.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	180	1.362	1.5	3.38	0.176	0.513	0.716	0.602	0.954	1.968	2.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			31.64								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	175	9.	51.914	2400.	1.5	41387.648	203.44	1.5	4.	23.	93.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	175	0.954	1.073	3.38	0.176	0.424	0.651	0.176	0.602	1.362	1.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.84								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	30	9.1	32.543	460.	1.5	8355.762	91.41	1.71	3.6	14.25	41.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/88-08/08/95	30	0.959	0.961	2.663	0.176	0.308	0.555	0.214	0.556	1.154	1.606
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			9.136								
31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	02/05/73-10/16/78	13	4.	5.231	11.	3.	11.026	3.32	3.	3.	7.5	11.
31678	LOG FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATI	02/05/73-10/16/78	13	0.602	0.655	1.041	0.477	0.052	0.227	0.477	0.477	0.822	1.041
31678	GM FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATIO	GEOMETRIC MEAN =			4.523								
70211p	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	212	11120.	6726.547	11702.	1015.	24973989.699	4997.398	1200.3	1330.	11309.	11453.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

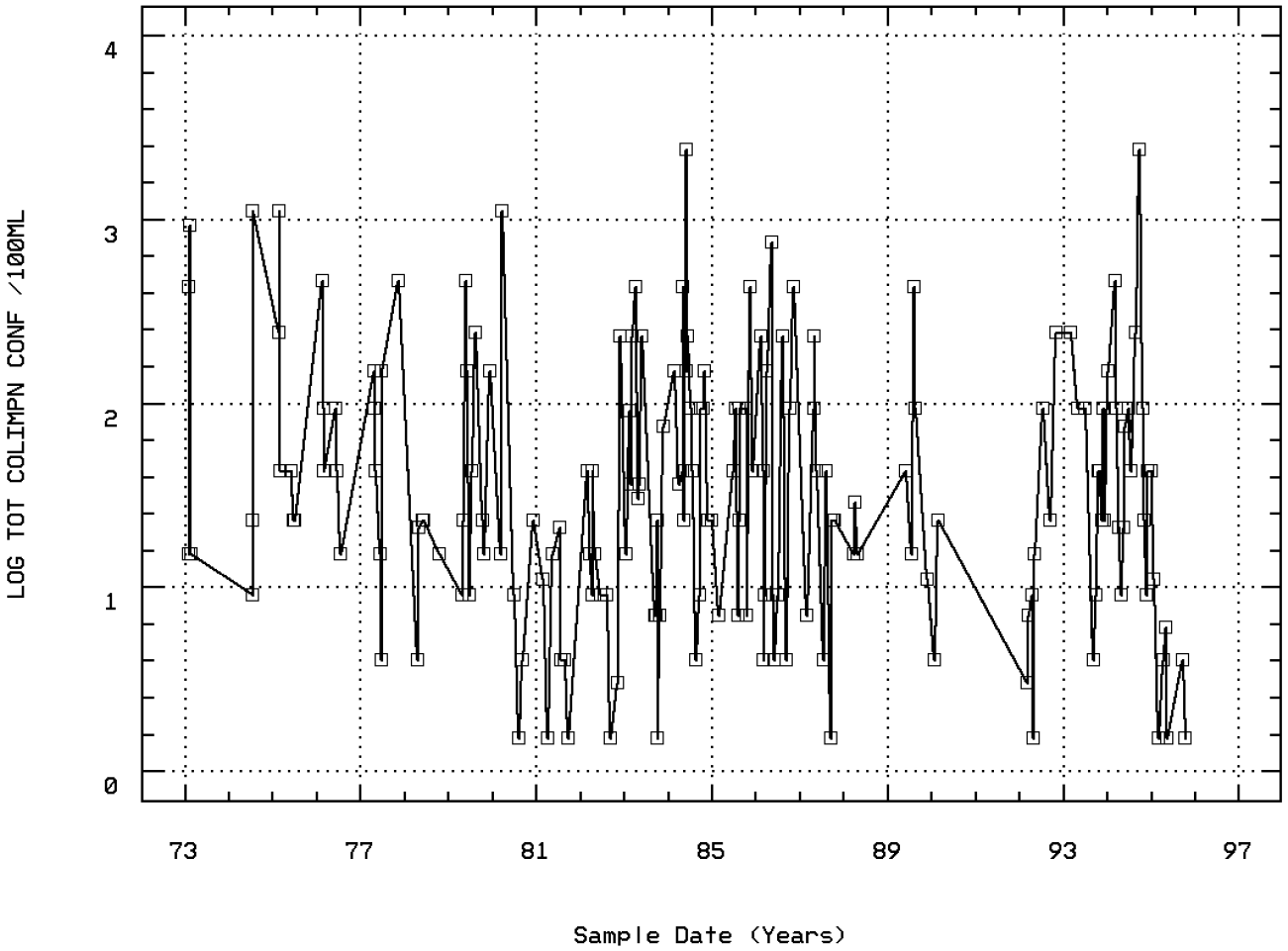
EPA Water Quality Criteria Analysis for Station: GATE0276

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	180	5	0.03	45	1	0.02	58	2	0.03	77	2	0.03			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	175	10	0.06	45	2	0.04	53	4	0.08	77	4	0.05			

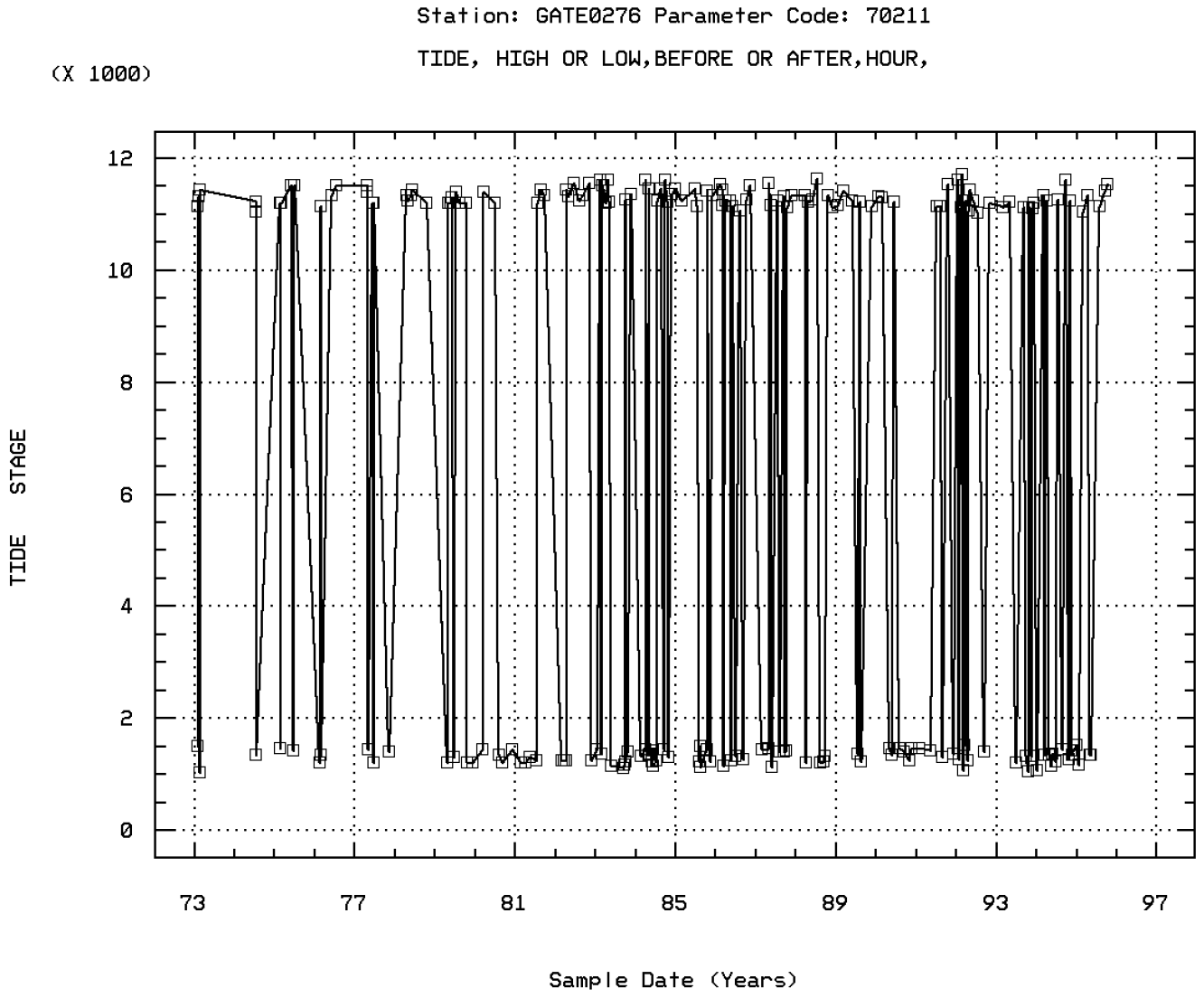
& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station: GATE0276 Parameter Code: 31505

LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C



NAVESINK RIVER



NAVESINK RIVER

Annual Analysis for 1973 - Station GATE0276

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	5	4.	3.6	6.	0.	5.3	2.302	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	5 ##	15.	281.	930.	15.	163917.5	404.867	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	5 ##	1.176	1.826	2.968	1.176	0.806	0.898	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			66.995								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	5	11130.	7278.	11430.	1015.	30246207.5	5499.655	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station GATE0276

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	3	10.	8.333	10.	5.	8.333	2.887	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	3	23.	377.333	1100.	9.	391734.333	625.887	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	3	1.362	1.786	3.041	0.954	1.224	1.106	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			61.064								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	3	23.	164.	460.	9.	65761.	256.439	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	3	1.362	1.66	2.663	0.954	0.796	0.892	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			45.664								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	3	11045.	7863.333	11215.	1330.	32020558.333	5658.671	**	**	**	**

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Annual Analysis for 1975 - Station GATE0276

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	6	17.5	15.	20.	5.	40.	6.325	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	6	43.	245.333	1100.	23.	182245.067	426.902	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	6	1.633	1.902	3.041	1.362	0.451	0.672	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			79.799								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	6	16.	13.917	23.	1.5	104.842	10.239	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	6	1.158	0.97	1.362	0.176	0.245	0.495	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.324								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	6	11200.	8045.833	11515.	1415.	26280574.167	5126.458	**	**	**	**

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Annual Analysis for 1976 - Station GATE0276

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	3	27.2	26.9	28.	25.5	1.63	1.277	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	4	4.5	3.75	5.	1.	3.583	1.893	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	6	68.	124.5	460.	15.	27963.9	167.224	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	6	1.801	1.84	2.663	1.176	0.247	0.497	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			69.256								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	6	33.	100.833	460.	15.	31097.767	176.346	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	6	1.498	1.632	2.663	1.176	0.288	0.537	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			42.818								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	5	11145.	7301.	11500.	1200.	30378955.	5511.711	**	**	**	**

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Annual Analysis for 1977 - Station GATE0276

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	7	18.	19.	28.	10.	78.333	8.851	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	6	4.	4.333	10.	1.	10.267	3.204	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	7	93.	130.714	460.	4.	24622.571	156.916	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	7	1.968	1.771	2.663	0.602	0.484	0.695	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			58.982								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	7	9.	23.714	75.	4.	695.571	26.374	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	7	0.954	1.154	1.875	0.602	0.219	0.468	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			14.253								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	7	11200.	7047.143	11500.	1200.	28483223.81	5336.968	**	**	**	**

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Annual Analysis for 1978 - Station GATE0276

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	5	16.	17.8	24.	12.	25.2	5.02	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	5	5.	5.6	10.	0.	14.3	3.782	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	5	21.	17.2	23.	4.	65.2	8.075	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	5	1.322	1.165	1.362	0.602	0.105	0.324	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			14.614								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	5	9.	11.5	23.	1.5	64.25	8.016	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	5	0.954	0.924	1.362	0.176	0.204	0.452	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.404								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	5	11330.	11304.	11430.	11200.	8380.	91.542	**	**	**	**

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Annual Analysis for 1979 - Station GATE0276

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	10	21.	19.1	28.	4.	52.989	7.279	4.8	13.5	24.25	27.7
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	10	7.5	7.	12.	2.	17.111	4.137	2.1	3.	10.5	12.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	10	33.	112.2	460.	9.	21289.511	145.909	9.	13.5	172.5	438.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	10	1.498	1.684	2.663	0.954	0.384	0.62	0.954	1.121	2.227	2.635
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			48.269								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	10	16.	34.75	150.	1.5	2328.292	48.252	2.05	8.5	40.5	144.3
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	10	1.158	1.211	2.176	0.176	0.331	0.575	0.243	0.927	1.513	2.155
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			16.269								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	10	11200.	7240.	11400.	1200.	26804888.889	5177.344	1200.	1200.	11225.	11390.

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Annual Analysis for 1980 - Station GATE0276

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	6	14.	15.5	27.	6.	77.5	8.803	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	6	6.5	6.5	10.	4.	5.5	2.345	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	6	12.	192.083	1100.	1.5	197895.442	444.854	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	6	1.065	1.219	3.041	0.176	0.976	0.988	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			16.542								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	6	4.	13.083	43.	1.5	278.842	16.699	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	6	0.602	0.809	1.633	0.176	0.316	0.562	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.438								

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Annual Analysis for 1980 - Station GATE0276

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	6	1430.	4665.	11400.	1200.	26425070.	5140.532	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station GATE0276

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	7	20.	21.	31.	10.	41.667	6.455	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	7	10.	9.714	15.	3.	20.571	4.536	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	7	4.	8.286	21.	1.5	57.155	7.56	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	7	0.602	0.728	1.322	0.176	0.216	0.464	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			5.346								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	7	4.	4.071	9.	1.5	8.786	2.964	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	7	0.602	0.505	0.954	0.176	0.11	0.332	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.195								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	7	1300.	5555.714	11430.	1200.	29079161.905	5392.51	**	**	**	**

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Annual Analysis for 1982 - Station GATE0276

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	10	15.5	15.8	26.	4.	43.956	6.63	4.4	11.75	21.25	25.6
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	10	5.5	6.4	15.	1.	18.711	4.326	1.2	3.	10.	14.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	10	12.	37.75	230.	1.5	4783.514	69.163	1.65	7.5	43.	211.3
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	10	1.065	1.15	2.362	0.176	0.384	0.619	0.206	0.835	1.633	2.289
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			14.115								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	10	4.	17.2	91.	1.5	835.4	28.903	1.5	1.5	22.	86.2
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	10	0.602	0.763	1.959	0.176	0.425	0.652	0.176	0.176	1.29	1.926
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.796								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	10	11274.	7333.	11547.	1230.	27549574.	5248.769	1230.	1238.25	11455.25	11546.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station GATE0276

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	14	15.5	13.429	22.	0.	45.802	6.768	2.5	7.5	18.75	21.5
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	14	11.	9.786	15.	1.	27.874	5.28	1.	5.75	15.	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	14	33.	87.036	430.	1.5	15611.402	124.946	4.25	7.	125.75	330.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	14	1.517	1.502	2.633	0.176	0.484	0.696	0.511	0.845	2.06	2.498
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			31.779								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	14	15.	63.464	230.	1.5	8629.172	92.893	2.25	6.25	125.75	230.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	14	1.176	1.297	2.362	0.176	0.51	0.714	0.327	0.784	2.06	2.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			19.838								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	14	6321.	6325.643	11616.	1110.	27666164.247	5259.864	1126.5	1197.25	11384.75	11612.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GATE0276

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	17	19.	18.235	31.	2.	66.566	8.159	6.8	12.	25.	29.4
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	17	9.	8.235	15.	1.	21.191	4.603	1.8	3.5	12.	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	16	93.	248.125	2400.	4.	340822.65	583.8	7.5	26.25	150.	1021.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	16	1.968	1.87	3.38	0.602	0.439	0.663	0.849	1.41	2.176	2.857
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			74.047								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	16	33.	94.094	930.	1.5	50801.607	225.392	3.25	7.5	88.5	344.1
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	16	1.498	1.43	2.968	0.176	0.473	0.688	0.474	0.872	1.945	2.268
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			26.895								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	17	1440.	5477.941	11604.	1137.	26236155.059	5122.124	1202.6	1310.	11396.	11601.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GATE0276

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	11	18.	19.273	32.	7.	58.418	7.643	7.8	12.	26.	30.8
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	11	3.	4.909	15.	2.	17.491	4.182	2.	2.	8.	13.8
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	11	43.	78.364	430.	7.	14820.055	121.738	7.	7.	93.	362.6
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	11	1.633	1.551	2.633	0.845	0.327	0.572	0.845	0.845	1.968	2.5
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			35.59								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	11	9.	54.955	430.	1.5	15677.923	125.212	2.6	7.	43.	352.6
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	11	0.954	1.214	2.633	0.176	0.396	0.629	0.31	0.845	1.633	2.433
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			16.364								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	11	11130.	6771.727	11452.	1122.	27502005.618	5244.235	1139.6	1219.	11418.	11451.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GATE0276

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	13	19.	16.	29.	5.	74.167	8.612	5.4	6.5	22.5	28.2
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	13	4.	5.538	14.	1.	17.603	4.196	1.	2.5	9.	13.2
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	13	43.	151.154	750.	4.	49122.641	221.636	4.	6.5	230.	622.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	13	1.633	1.591	2.875	0.602	0.713	0.845	0.602	0.778	2.362	2.778
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			38.966								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	13	11.	40.923	230.	1.5	4273.702	65.374	1.5	4.	68.	175.2
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	13	1.041	1.125	2.362	0.176	0.494	0.703	0.176	0.602	1.801	2.204
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			13.333								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	13	11146.	8192.692	11532.	1147.	23277081.564	4824.633	1185.4	1290.5	11337.	11525.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GATE0276

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	8	13.	13.	22.	7.	24.571	4.957	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	12	5.	6.667	15.	1.	27.697	5.263	1.	1.25	11.5	14.7
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	10	23.	49.05	230.	1.5	4760.247	68.995	1.75	6.25	55.5	216.3
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	10	1.362	1.331	2.362	0.176	0.417	0.646	0.219	0.784	1.717	2.322
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			21.407								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	10	15.	20.3	93.	1.5	733.511	27.083	1.5	3.375	23.	86.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	10	1.176	0.996	1.968	0.176	0.341	0.584	0.176	0.496	1.362	1.908
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.913								

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Annual Analysis for 1987 - Station GATE0276

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	12	6285.	6327.667	11544.	1129.	26813897.333	5178.214	1210.9	1405.5	11291.	11483.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GATE0276

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	10	14.5	15.	26.	6.	42.	6.481	6.3	9.75	19.	25.9
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	10	6.	5.7	10.	0.	7.789	2.791	0.3	4.5	8.	9.8
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	3	15.	19.667	29.	15.	65.333	8.083	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	3	1.176	1.272	1.462	1.176	0.027	0.165	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			18.686								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	3	4.	5.667	9.	4.	8.333	2.887	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	3	0.602	0.719	0.954	0.602	0.041	0.203	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.241								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	10	11166.5	7279.4	11627.	1201.	27111918.933	5206.911	1201.1	1209.5	11327.5	11598.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0276

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	7	21.	19.571	28.	5.	74.619	8.638	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	7	5.	6.286	15.	1.	25.905	5.09	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	5	43.	118.4	430.	11.	31412.8	177.237	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	5	1.633	1.691	2.633	1.041	0.414	0.643	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			49.043								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	5	15.	55.8	230.	4.	9537.7	97.661	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	5	1.176	1.269	2.362	0.602	0.459	0.677	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			18.593								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	7	11151.	8388.571	11404.	1226.	23517820.619	4849.518	**	**	**	**

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Annual Analysis for 1990 - Station GATE0276

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	9	19.	16.556	25.	5.	53.778	7.333	5.	8.5	22.5	25.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	9	10.	9.778	15.	4.	17.194	4.147	4.	6.	14.5	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	2	13.5	13.5	23.	4.	180.5	13.435	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	2	0.982	0.982	1.362	0.602	0.289	0.537	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			9.592								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	2	13.5	13.5	23.	4.	180.5	13.435	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	2	0.982	0.982	1.362	0.602	0.289	0.537	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.592								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	9	1453.	4685.444	11318.	1236.	24440391.028	4943.722	1236.	1374.	11255.5	11318.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0276

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	7	24.	20.286	30.	6.	88.905	9.429	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	7	8.	7.857	14.	1.	17.143	4.14	**	**	**	**
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	7	1459.	5621.571	11532.	1300.	27959092.952	5287.636	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0276

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	14	9.5	12.571	29.	3.	65.187	8.074	4.	6.	19.25	26.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	14	7.5	7.214	15.	1.	21.72	4.66	1.	2.	10.5	14.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	8	12.	48.938	240.	1.5	6855.031	82.795	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	8	1.065	1.167	2.38	0.176	0.537	0.733	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			14.702								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	8 ##	2.75	4.375	9.	1.5	11.839	3.441	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	8 ##	0.389	0.508	0.954	0.176	0.137	0.371	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.217								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	14	11089.	7720.071	11702.	1058.	24734094.533	4973.338	1149.5	1368.5	11280.75	11657.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station GATE0276

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	10	13.5	15.2	32.	5.	63.511	7.969	5.4	9.	20.25	31.2
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	10	5.5	6.2	14.	1.	16.622	4.077	1.2	3.	8.25	13.8
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	10	43.	66.4	240.	4.	4923.378	70.167	4.5	19.5	93.	225.3
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	10	1.633	1.583	2.38	0.602	0.282	0.531	0.637	1.26	1.968	2.339
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			38.303								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	10	9.	21.55	93.	1.5	794.469	28.186	1.65	3.75	28.	88.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	10	0.954	1.033	1.968	0.176	0.303	0.551	0.206	0.571	1.43	1.935
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.8								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	10	11108.	7174.2	11213.	1038.	26276978.4	5126.108	1054.9	1287.25	11140.	11211.7

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station GATE0276

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	15	15.	14.533	27.	0.	61.981	7.873	3.	7.	20.	27.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	15	10.	7.6	14.	1.	29.971	5.475	1.	1.	14.	14.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	15	75.	251.533	2400.	9.	367107.695	605.894	9.	21.	150.	1236.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	15	1.875	1.837	3.38	0.954	0.423	0.65	0.954	1.322	2.176	2.95
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			68.774								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	15	15.	180.233	2400.	1.5	377661.674	614.542	2.4	4.	43.	1015.8
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	15	1.176	1.231	3.38	0.176	0.606	0.779	0.357	0.602	1.633	2.533
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			17.026								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	15	1351.	4636.667	11610.	1058.	24022853.095	4901.311	1112.	1250.	11227.	11446.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station GATE0276

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	9	13.	12.	24.	1.	70.25	8.382	1.	2.5	19.	24.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	9	10.	10.667	14.	2.	14.	3.742	2.	10.	14.	14.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	8	4.	9.063	43.	1.5	198.246	14.08	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	8	0.602	0.648	1.633	0.176	0.259	0.509	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			4.448								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	8 ##	2.75	5.5	23.	1.5	53.857	7.339	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	8 ##	0.389	0.514	1.362	0.176	0.186	0.431	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.269								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	9	11042.	6865.667	11535.	1158.	27549831.75	5248.793	1158.	1340.	11369.	11535.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0276

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	52	20.	20.135	32.	11.	29.021	5.387	12.	16.	24.	27.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	55	6.	6.727	15.	0.	21.387	4.625	1.	3.	10.	14.4
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	45	23.	105.689	2400.	1.5	129629.185	360.041	1.5	4.	93.	234.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	45	1.362	1.281	3.38	0.176	0.585	0.765	0.176	0.602	1.968	2.369
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			19.087								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	45	7.	75.622	2400.	1.5	127263.002	356.739	1.5	3.5	23.	93.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	45	0.845	0.966	3.38	0.176	0.494	0.703	0.176	0.54	1.362	1.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.254								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	10	5.45	52.51	460.	1.5	20546.752	143.341	1.5	1.5	16.25	416.3
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/88-08/08/95	10	0.71	0.863	2.663	0.176	0.576	0.759	0.176	0.176	1.2	2.533
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			7.301								
70211p	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	55	1453.	6025.255	11610.	1038.	25404615.527	5040.299	1200.	1300.	11247.	11439.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0276

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	60	7.	7.883	19.	0.	16.851	4.105	3.	5.	10.	13.9
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	69	8.	8.232	20.	0.	24.21	4.92	1.	4.	13.	15.
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	58	43.	151.647	1100.	1.5	63152.404	251.301	6.7	15.	230.	460.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	58	1.633	1.657	3.041	0.176	0.514	0.717	0.821	1.176	2.362	2.663
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			45.368								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	53	15.	46.632	460.	1.5	8736.03	93.467	1.5	4.	43.	127.2
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	53	1.176	1.164	2.663	0.176	0.429	0.655	0.176	0.602	1.633	2.093
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			14.591								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	12	9.1	11.558	43.	3.6	123.99	11.135	3.6	4.525	9.1	37.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/88-08/08/95	12	0.959	0.94	1.633	0.556	0.101	0.317	0.556	0.633	0.959	1.552
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			8.712								
70211p	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	71	11115.	6662.282	11702.	1015.	25258240.405	5025.758	1200.	1340.	11326.	11496.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

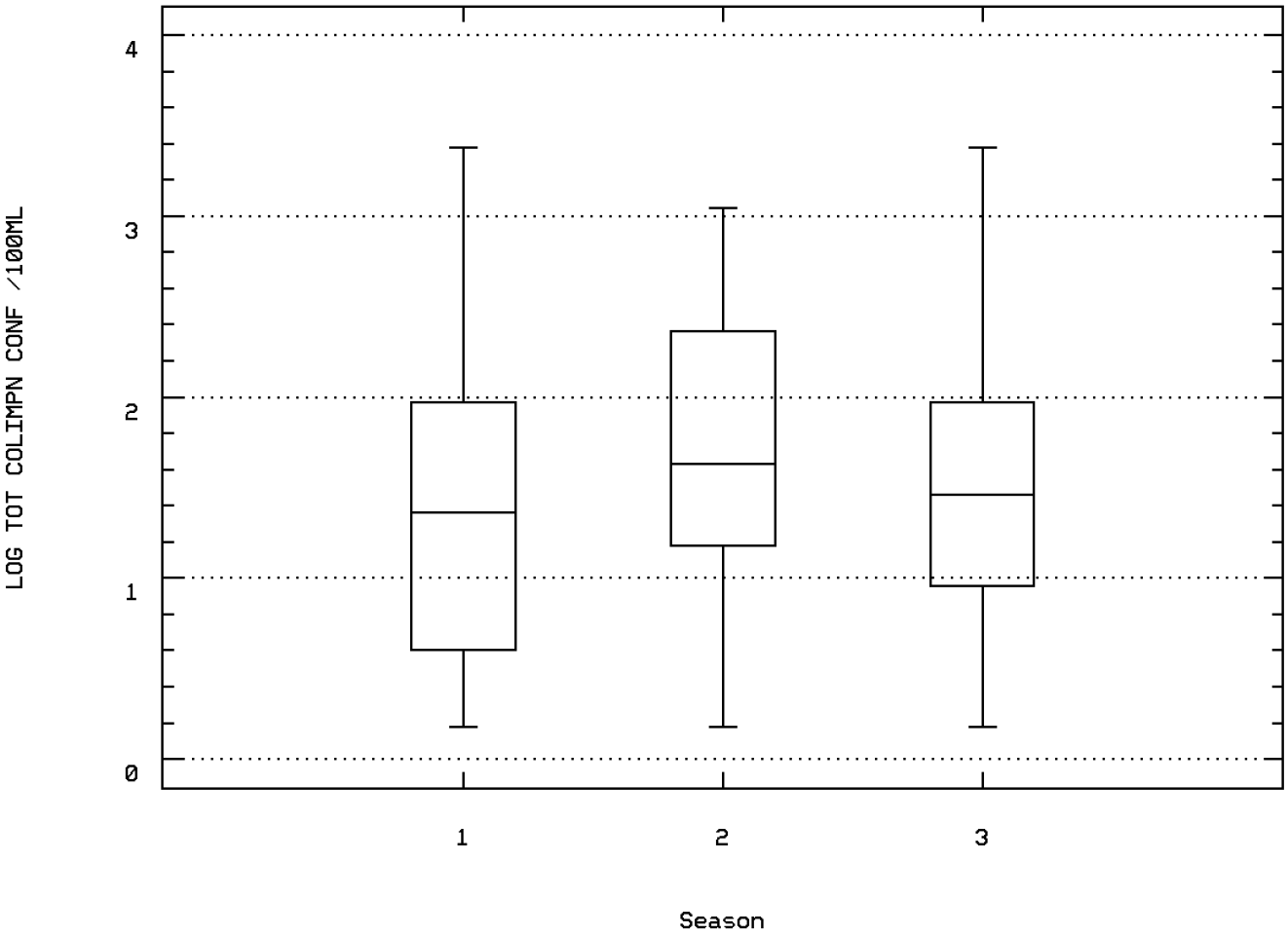
Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0276

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	80	20.5	20.321	32.	8.	36.365	6.03	12.	15.	26.	28.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	86	6.	7.035	20.	0.	20.952	4.577	1.7	3.	10.	14.
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	77	29.	116.89	2400.	1.5	98015.313	313.074	4.	9.	93.	230.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	77	1.462	1.511	3.38	0.176	0.436	0.66	0.602	0.954	1.968	2.362
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			32.406								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	77	9.	41.695	930.	1.5	14641.994	121.004	1.5	4.	23.	93.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	77	0.954	1.073	2.968	0.176	0.38	0.616	0.176	0.602	1.362	1.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.843								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	8	9.1	39.063	240.	3.6	6631.617	81.435	**	**	**	**
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/88-08/08/95	8	0.959	1.113	2.38	0.556	0.338	0.581	**	**	**	**
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			12.986								
70211p	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	86	11200.	7228.105	11627.	1129.	24477750.001	4947.499	1205.2	1336.75	11304.	11500.

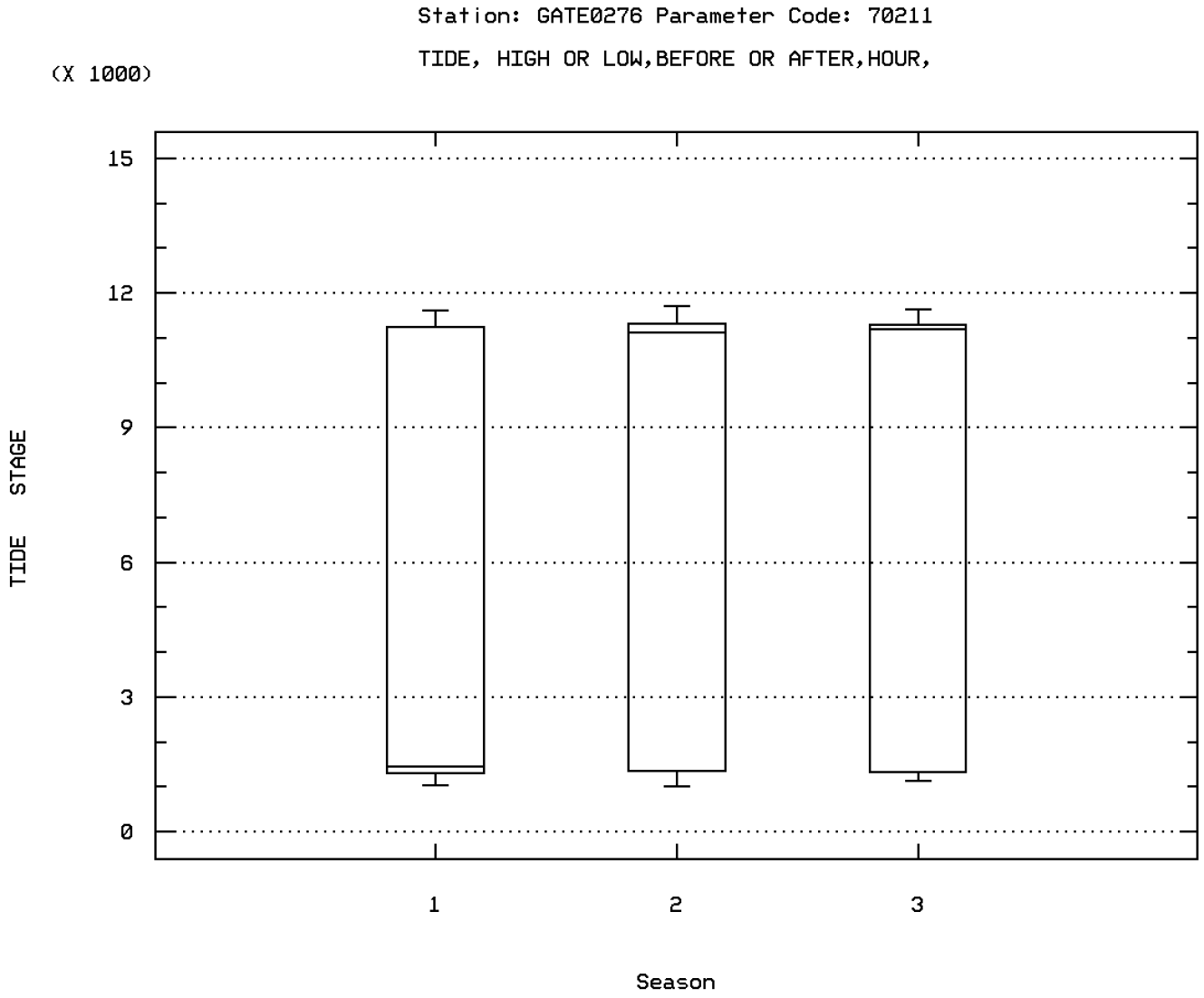
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: GATE0276 Parameter Code: 31505

LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C



NAVESINK RIVER



NAVESINK RIVER

Station Inventory for Station: GATE0277

NPS Station ID: GATE0277 LAT/LON: 40.384448/ -74.010003 Agency: 21NJDEP1 Date Created: 08/08/81
Location: NAVESINK RIVER FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): 1000800170 /1014C /SF03072
RMI-Indexes: 0133006 000020 Within Park Boundary: No
RMI-Miles: 0001.70 0001.70
HUC: 02030104 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST MAJOR BASIN Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA ECO Region:
RF1 Index: 02030104008 RF1 Mile Point: 1.740 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J. TIDE CORRECTION (H/L): (+1:09/+1:45)
ASSOCIATED NOAA WEATHER STATION: 4987

Parameter Inventory for Station: GATE0277

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-02/28/73	5	1.7	1.78	3.3	0.	2.297	1.516	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-02/28/73	5	4.	3.6	6.	0.	5.3	2.302	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-02/28/73	5	230.	339.2	930.	15.	133980.7	366.034	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-02/28/73	5	2.362	2.22	2.968	1.176	0.477	0.691	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			165.868								
31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	02/05/73-02/28/73	5	3.	3.	3.	3.	0.	0.	**	**	**	**
31678	LOG FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATI	02/05/73-02/28/73	5	0.477	0.477	0.477	0.477	0.	0.	**	**	**	**
31678	GM FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATIO	GEOMETRIC MEAN =			3.								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-02/28/73	5	11130.	7278.	11430.	1015.	30246207.5	5499.655	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0277

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	5	0	0.00				5	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0278

NPS Station ID: GATE0278 LAT/LON: 40.468615/ -74.011116 Agency: 21NJDEP1 Date Created: 10/08/85
Location: SANDY HOOK BAY AT SANDY HOOK LIGHT MIDDLETOWN FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): L6998637176 /CCMPMC0005
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 02030104 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST MAJOR BASIN Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA ECO Region:
RF1 Index: 02030104013 RF1 Mile Point: 6.960 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:

Parameter Inventory for Station: GATE0278

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/10/85-09/03/85	13	93.	414.846	2400.	4.	453536.641	673.451	8.	22.	460.	1880.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/10/85-09/03/85	13	1.968	2.054	3.38	0.602	0.676	0.822	0.82	1.342	2.663	3.245
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			113.185								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/85-09/13/93	161	17.	73.602	2400.	1.	53789.788	231.926	2.	7.	50.	140.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/85-09/13/93	161	1.23	1.269	3.38	0.	0.453	0.673	0.301	0.845	1.699	2.146
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			18.598								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0278

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	13	2	0.15	5	0	0.00				8	2	0.25			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1985 - Station GATE0278

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/85-09/13/93	13	21.	291.923	2400.	1.5	490124.369	700.089	1.5	5.	93.	1880.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/85-09/13/93	13	1.322	1.41	3.38	0.176	0.969	0.985	0.176	0.661	1.968	3.245
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			25.722								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GATE0278

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/85-09/13/93	19	17.	39.	140.	1.	2080.	45.607	1.	5.	49.	130.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/85-09/13/93	19	1.23	1.193	2.146	0.	0.495	0.704	0.	0.699	1.69	2.114
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			15.594								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GATE0278

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/85-09/13/93	19	30.	102.842	900.	1.	43163.918	207.759	1.	7.	110.	300.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/85-09/13/93	19	1.477	1.395	2.954	0.	0.67	0.818	0.	0.845	2.041	2.477
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			24.81								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GATE0278

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/85-09/13/93	18	18.	36.056	220.	1.	2995.467	54.731	3.7	7.75	35.	139.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/85-09/13/93	18	1.244	1.233	2.342	0.	0.301	0.549	0.542	0.889	1.533	2.137
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			17.117								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0278

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/85-09/13/93	19	23.	25.211	60.	4.	354.842	18.837	4.	4.	50.	50.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/85-09/13/93	19	1.362	1.233	1.778	0.602	0.195	0.442	0.602	0.602	1.699	1.699
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			17.091								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0278

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/85-09/13/93	17	23.	101.235	900.	1.	48746.816	220.787	1.8	8.	95.	420.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/85-09/13/93	17	1.362	1.357	2.954	0.	0.594	0.771	0.241	0.903	1.923	2.573
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			22.776								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0278

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/85-09/13/93	19	17.	50.368	240.	2.	5646.023	75.14	2.	7.	60.	240.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/85-09/13/93	19	1.23	1.276	2.38	0.301	0.411	0.641	0.301	0.845	1.778	2.38
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			18.895								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0278

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/85-09/13/93	19	11.	48.316	240.	2.	6157.561	78.47	2.	7.	50.	240.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/85-09/13/93	19	1.041	1.19	2.38	0.301	0.446	0.668	0.301	0.845	1.699	2.38
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			15.488								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station GATE0278

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/85-09/13/93	18	15.5	35.333	280.	2.	4148.118	64.406	2.	7.	35.	100.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/85-09/13/93	18	1.188	1.185	2.447	0.301	0.307	0.554	0.301	0.828	1.533	1.957
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			15.298								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0278

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/85-09/13/93	53	17.	77.443	900.	1.5	31639.631	177.875	4.	7.5	50.	240.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/85-09/13/93	53	1.23	1.334	2.954	0.176	0.423	0.65	0.602	0.874	1.699	2.38
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			21.588								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0278

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/85-09/13/93	108	19.	71.718	2400.	1.	65046.165	255.041	2.	7.	50.	140.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/85-09/13/93	108	1.276	1.238	3.38	0.	0.469	0.685	0.301	0.845	1.699	2.146
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			17.286								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0279

NPS Station ID: GATE0279
Location: RARITAN BAY (73)
Station Type: /TYPA/AMBNT/OCEAN
RMI-Indexes:
RMI-Miles:
HUC: 02030104
Major Basin: NORTHEAST
Minor Basin: LOWER HUDSON-N.Y. METROPOLI
RF1 Index: 02030104006
RF3 Index: 02030202104200.00
Description:

LAT/LON: 40.428615/ -74.011392
Depth of Water: 19
Elevation: 0
RF1 Mile Point: 7.160
RF3 Mile Point: 0.00

Agency: 1111H030
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
STORET Station ID(s): 402543007400410/073 /73
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 4.93

Date Created: / /
On/Off RF1: ON
On/Off RF3:

Parameter Inventory for Station: GATE0279

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/11/63-08/13/64	7	15.8	14.471	26.1	2.4	105.852	10.288	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/11/63-08/13/64	7	17.	15.571	30.	2.	134.952	11.617	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	02/06/64-08/13/64	6	10.95	10.267	13.3	4.5	9.099	3.016	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	06/03/64-07/29/64	2	4.5	4.5	4.8	4.2	0.18	0.424	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	07/29/64-07/29/64	1	112.	112.	112.	112.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	02/06/64-08/13/64	3	8.	7.933	8.	7.8	0.013	0.115	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/06/64-08/13/64	3	8.	7.923	8.	7.8	0.014	0.116	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/06/64-08/13/64	3	0.01	0.012	0.016	0.01	0.	0.003	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	07/29/64-07/29/64	1	0.16	0.16	0.16	0.16	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/29/64-07/29/64	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/29/64-07/29/64	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/29/64-07/29/64	1	0.47	0.47	0.47	0.47	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/23/64-07/29/64	2	13750.	13750.	15500.	12000.	6125000.	2474.874	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	12/11/63-08/13/64	6	44.	84.667	320.	8.	13788.267	117.423	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	12/11/63-08/13/64	6	1.642	1.642	2.505	0.903	0.291	0.54	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			43.818								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/11/63-08/13/64	6	6.	6.	12.	2.	16.	4.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/11/63-08/13/64	6	0.753	0.682	1.079	0.301	0.11	0.332	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4.804								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	12/11/63-08/13/64	6	8.	10.333	24.	2.	67.867	8.238	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	12/11/63-08/13/64	6	0.903	0.882	1.38	0.301	0.154	0.392	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			7.625								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0279

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	6	0	0.00	1	0	0.00	2	0	0.00	3	0	0.00			
00400	PH	Other-Hi Lim.	9.	3	0	0.00	1	0	0.00	2	0	0.00						
		Other-Lo Lim.	6.5	3	0	0.00	1	0	0.00	2	0	0.00						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	6	0	0.00	1	0	0.00	3	0	0.00	2	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	6	0	0.00	1	0	0.00	3	0	0.00	2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0280

NPS Station ID: GATE0280 LAT/LON: 40.382781/ -74.011392 Agency: 21NJDEP1 Date Created: 08/13/88
Location: RUMSON OCEANIC BRIDGE OVER NAVESINK RIVER FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): L6984036656 /CCMPMC0055
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02030104 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST MAJOR BASIN Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA ECO Region:
RF1 Index: 02030104 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:

Parameter Inventory for Station: GATE0280

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/27/88-08/15/88	8	4.	7.125	23.	1.	56.696	7.53	**	**	**	**
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/27/88-08/15/88	8	0.602	0.648	1.362	0.	0.208	0.456	**	**	**	**
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			4.448								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GATE0281

NPS Station ID: GATE0281 LAT/LON: 40.480976/ -74.012087 Agency: 11NYCOR Date Created: 09/08/79
Location: SANDY HOOK CHNL.AT NORTH TIP OF SANDY HOOK-NJ. FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): NYCOR154
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02030104 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METRO AREA ECO Region:
RF1 Index: 02030104 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:
NEW YORK CORPS OF ENGINEERS DREDGING STUDIES

Parameter Inventory for Station: GATE0281

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	09/15/77-09/15/77	1	1.91	1.91	1.91	1.91	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/15/77-09/15/77	1	0.27	0.27	0.27	0.27	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/15/77-09/15/77	1	9.05	9.05	9.05	9.05	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/15/77-09/15/77	1	2.72	2.72	2.72	2.72	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/15/77-09/15/77	1	4.53	4.53	4.53	4.53	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/15/77-09/15/77	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	09/15/77-09/15/77	1	12.68	12.68	12.68	12.68	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/15/77-09/15/77	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/15/77-09/15/77	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GATE0282

NPS Station ID: GATE0282
LAT/LON: 40.466670/ -74.011949
Agency: 21NJDEP1
Date Created: 11/01/80
Location: SANDY HOOK BAY COAST GUARD STATION
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): L6998737165 /RT050
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST MAJOR BASIN
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA
ECO Region:
RF1 Index: 02030104013
RF1 Mile Point: 5.860
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0282

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/27/73-09/10/79	142	18.4	16.123	29.	-1.5	60.336	7.768	4.	7.125	23.	25.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/27/73-09/10/79	139	20.	18.083	34.	-1.1	79.196	8.899	4.	11.7	26.	28.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/27/73-09/10/79	146	5.	6.753	42.	0.	33.539	5.791	3.	4.	8.	12.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	11/27/73-07/26/79	131	48.	49.298	120.	1.	508.441	22.549	24.	36.	60.	84.
00080	COLOR (PLATINUM-COBALT UNITS)	11/27/73-09/10/79	147	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/27/73-09/10/79	141	8.9	9.116	16.8	3.	5.738	2.395	6.6	7.6	10.4	11.98
00300	OXYGEN, DISSOLVED MG/L	11/27/73-09/10/79	147	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00310	BOD, 5 DAY, 20 DEG C MG/L	12/11/73-09/10/79	128	3.	3.773	14.	0.5	6.015	2.453	1.	2.	5.	7.
00312	BOD, 6 DAY, 20 DEG C MG/L	11/27/73-09/10/79	147	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00315	BOD, 7 DAY, 20 DEG C MG/L	11/27/73-09/10/79	147	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00400	PH (STANDARD UNITS)	11/27/73-09/10/79	147	7.9	7.845	8.7	6.4	0.121	0.348	7.4	7.6	8.1	8.3
00400	CONVERTED PH (STANDARD UNITS)	11/27/73-09/10/79	147	7.9	7.674	8.7	6.4	0.151	0.388	7.4	7.6	8.1	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/27/73-09/10/79	147	0.013	0.021	0.398	0.002	0.001	0.035	0.005	0.008	0.025	0.04
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/27/73-09/10/79	146	104.	103.904	138.	76.	84.06	9.168	93.	99.	109.5	114.3
00480	SALINITY - PARTS PER THOUSAND	11/27/73-08/09/79	122	21.7	20.988	74.9	1.4	100.049	10.002	2.73	17.45	24.775	30.4
00500	RESIDUE, TOTAL (MG/L)	06/10/75-06/17/75	2	49362.	49362.	56780.	41944.	110053448.	10490.636	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	02/10/75-05/21/79	4	2.5	3.	5.	2.	2.	1.414	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/27/73-09/10/79	147	0.5	0.552	3.5	0.	0.354	0.595	0.	0.03	1.	1.32
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/27/73-09/10/79	147	0.042	0.059	0.585	0.	0.005	0.073	0.015	0.025	0.07	0.1
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/27/73-09/10/79	144	0.2	0.225	0.96	0.	0.025	0.157	0.05	0.1	0.318	0.43
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/27/73-09/10/79	144	0.14	0.148	0.73	0.	0.011	0.105	0.035	0.07	0.2	0.255
00940	CHLORIDE,TOTAL IN WATER MG/L	11/27/73-09/10/79	141	15500.	16327.66	45500.	6250.	22252658.055	4717.272	12260.	14000.	18500.	20780.
00956	SILICA, TOTAL (MG/L AS SI02)	01/31/79-09/10/79	13	0.25	0.75	3.	0.	0.781	0.884	0.	0.	1.25	2.4
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/27/73-09/10/79	141	80.	623.206	24000.	2.	7651925.536	2766.211	10.	20.	230.	490.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	11/27/73-09/10/79	141	1.903	1.921	4.38	0.301	0.542	0.736	1.	1.301	2.362	2.69
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			83.447								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/27/73-09/10/79	141	20.	149.092	9200.	2.	629221.341	793.235	10.	10.	70.	230.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/27/73-09/10/79	141	1.301	1.474	3.964	0.301	0.347	0.589	1.	1.	1.845	2.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			29.766								
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	11/27/73-09/10/79	141	5.	70.362	2400.	1.	85447.033	292.313	1.	1.	26.	126.
31677	LOG FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678	11/27/73-09/10/79	141	0.699	0.851	3.38	0.	0.712	0.844	0.	0.	1.415	2.099
31677	GM FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	GEOMETRIC MEAN =			7.099								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	11/27/73-04/17/78	99	11100.	7123.929	11545.	1000.	24549555.944	4954.751	1100.	1330.	11300.	11445.
74010	IRON, TOTAL (MG/L AS FE)	05/17/79-09/10/79	9	0.02	0.073	0.24	0.	0.007	0.086	0.	0.01	0.14	0.24
82028	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI(CAL)	11/27/73-08/09/79	117	5.	15.067	245.	0.03	1297.551	36.022	0.3	1.	10.	33.
82028	LOG RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI(	11/27/73-08/09/79	117	0.699	0.567	2.389	-1.523	0.646	0.804	-0.523	0.	1.	1.518
82028	GM RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI(C	GEOMETRIC MEAN =			3.692								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0282

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	146	0	0.00	47	0	0.00	41	0	0.00	58	0	0.00			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	141	3	0.02	46	0	0.00	41	0	0.00	54	3	0.06			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	147	147	1.00	48	48	1.00	41	41	1.00	58	58	1.00			
00400	PH	Other-Hi Lim.	8.5	147	6	0.04	48	0	0.00	41	1	0.02	58	5	0.09			
		Other-Lo Lim.	6.5	147	1	0.01	48	0	0.00	41	1	0.02	58	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	141	10	0.07	46	6	0.13	41	2	0.05	54	2	0.04			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	141	17	0.12	46	6	0.13	41	9	0.22	54	2	0.04			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1973 - Station GATE0282

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/27/73-09/10/79	2	8.25	8.25	10.5	6.	10.125	3.182	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/27/73-09/10/79	2	7.5	7.5	11.	4.	24.5	4.95	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/27/73-09/10/79	2	1.5	1.5	3.	0.	4.5	2.121	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	11/27/73-07/26/79	2	74.	74.	81.	67.	98.	9.899	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	11/27/73-09/10/79	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/27/73-09/10/79	2	8.85	8.85	9.7	8.	1.445	1.202	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/27/73-09/10/79	2	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	12/11/73-09/10/79	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00312	BOD, 6 DAY, 20 DEG C MG/L	11/27/73-09/10/79	2	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00315	BOD, 7 DAY, 20 DEG C MG/L	11/27/73-09/10/79	2	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	11/27/73-09/10/79	2	7.3	7.3	7.4	7.2	0.02	0.141	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/27/73-09/10/79	2	7.289	7.289	7.4	7.2	0.02	0.142	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/27/73-09/10/79	2	0.051	0.051	0.063	0.04	0.	0.016	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/27/73-09/10/79	2	104.5	104.5	105.	104.	0.5	0.707	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	11/27/73-08/09/79	2	2.7	2.7	2.7	2.7	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/27/73-09/10/79	2	1.	1.	1.	1.	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/27/73-09/10/79	2	0.033	0.033	0.05	0.016	0.001	0.024	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/27/73-09/10/79	2	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/27/73-09/10/79	2	0.185	0.185	0.2	0.17	0.	0.021	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/27/73-09/10/79	2	11375.	11375.	16500.	6250.	52531250.	7247.845	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/27/73-09/10/79	2	175.	175.	330.	20.	48050.	219.203	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	11/27/73-09/10/79	2	1.91	1.91	2.519	1.301	0.741	0.861	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			81.24								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/27/73-09/10/79	2 ##	45.	45.	80.	10.	2450.	49.497	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/27/73-09/10/79	2 ##	1.452	1.452	1.903	1.	0.408	0.639	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			28.284								
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	11/27/73-09/10/79	2	183.5	183.5	350.	17.	55444.5	235.467	**	**	**	**
31677	LOG FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678	11/27/73-09/10/79	2	1.887	1.887	2.544	1.23	0.863	0.929	**	**	**	**
31677	GM FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	GEOMETRIC MEAN =			77.136								
82028	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI(CAL)	11/27/73-08/09/79	2	2.53	2.53	5.	0.06	12.202	3.493	**	**	**	**
82028	LOG RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI(	11/27/73-08/09/79	2	-0.261	-0.261	0.699	-1.222	1.845	1.358	**	**	**	**
82028	GM RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI(C	GEOMETRIC MEAN =			0.548								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station GATE0282

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/27/73-09/10/79	36	16.5	15.286	26.	1.	66.984	8.184	3.21	6.125	23.	25.3
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/27/73-09/10/79	36	17.5	17.147	34.	-1.1	83.037	9.112	5.4	10.	25.75	28.3
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/27/73-09/10/79	37	4.	5.432	29.	2.	24.03	4.902	2.8	3.	5.	10.4
00077	TRANSPARENCY, SECCHI DISC (INCHES)	11/27/73-07/26/79	32	51.	51.938	106.	12.	458.125	21.404	24.	37.5	60.	80.4
00080	COLOR (PLATINUM-COBALT UNITS)	11/27/73-09/10/79	37	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/27/73-09/10/79	36	8.65	8.583	15.	3.	5.189	2.278	5.58	6.925	10.225	10.94
00300	OXYGEN, DISSOLVED MG/L	11/27/73-09/10/79	37	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00310	BOD, 5 DAY, 20 DEG C MG/L	12/11/73-09/10/79	33	3.	3.97	12.	1.	7.093	2.663	1.	2.	5.5	7.6
00312	BOD, 6 DAY, 20 DEG C MG/L	11/27/73-09/10/79	37	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00315	BOD, 7 DAY, 20 DEG C MG/L	11/27/73-09/10/79	37	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00400	PH (STANDARD UNITS)	11/27/73-09/10/79	37	7.7	7.749	8.5	6.4	0.139	0.373	7.4	7.5	8.05	8.14
00400	CONVERTED PH (STANDARD UNITS)	11/27/73-09/10/79	37	7.7	7.519	8.5	6.4	0.194	0.44	7.4	7.5	8.05	8.14
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/27/73-09/10/79	37	0.02	0.03	0.398	0.003	0.004	0.063	0.007	0.009	0.032	0.04
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/27/73-09/10/79	37	102.	101.973	119.	80.	60.305	7.766	92.	97.5	107.	112.2
00480	SALINITY - PARTS PER THOUSAND	11/27/73-08/09/79	37	20.1	16.186	34.	1.4	107.219	10.355	2.38	2.7	23.25	28.48
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/27/73-09/10/79	37	0.5	0.476	1.1	0.	0.183	0.428	0.	0.	1.	1.
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/27/73-09/10/79	37	0.056	0.055	0.106	0.007	0.001	0.023	0.029	0.039	0.077	0.083
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/27/73-09/10/79	35	0.1	0.17	0.5	0.	0.027	0.164	0.05	0.05	0.2	0.5
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/27/73-09/10/79	36	0.08	0.098	0.3	0.	0.005	0.07	0.034	0.05	0.108	0.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station GATE0282

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00940	CHLORIDE,TOTAL IN WATER MG/L	11/27/73-09/10/79	37	16500.	17167.568	23000.	8700.	9821696.697	3133.959	13900.	15500.	19750.	21600.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/27/73-09/10/79	36	80.	1324.778	24000.	2.	22184434.349	4710.035	20.	50.	330.	1273.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	11/27/73-09/10/79	36	1.903	2.102	4.38	0.301	0.626	0.791	1.301	1.699	2.519	3.042
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			126.505								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/27/73-09/10/79	36	20.	106.722	1300.	2.	53599.349	231.515	10.	10.	102.5	330.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/27/73-09/10/79	36	1.301	1.553	3.114	0.301	0.364	0.603	1.	1.	2.007	2.519
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			35.759								
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	11/27/73-09/10/79	36	5.	172.056	2400.	1.	309115.94	555.982	1.	2.	20.75	350.
31677	LOG FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678	11/27/73-09/10/79	36	0.699	0.923	3.38	0.	0.939	0.969	0.	0.301	1.308	2.544
31677	GM FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	GEOMETRIC MEAN =			8.379								
82028	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI(CAL)	11/27/73-08/09/79	35	5.	14.437	165.	0.03	846.242	29.09	0.22	1.	12.5	35.5
82028	LOG RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI(	11/27/73-08/09/79	35	0.699	0.6	2.217	-1.523	0.705	0.84	-0.714	0.	1.097	1.548
82028	GM RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI(C	GEOMETRIC MEAN =			3.982								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GATE0282

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/27/73-09/10/79	42	15.5	14.883	26.5	1.	54.958	7.413	4.	8.375	21.	23.94
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/27/73-09/10/79	41	18.	16.046	31.	0.	79.021	8.889	4.	7.25	22.75	27.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/27/73-09/10/79	41	4.	5.976	42.	0.	51.874	7.202	2.	3.	6.	8.8
00077	TRANSPARENCY, SECCHI DISC (INCHES)	11/27/73-07/26/79	41	48.	53.537	106.	6.	654.355	25.58	24.	36.	72.	96.
00080	COLOR (PLATINUM-COBALT UNITS)	11/27/73-09/10/79	42	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/27/73-09/10/79	41	9.2	9.31	13.3	5.	3.744	1.935	7.1	7.65	10.9	11.58
00300	OXYGEN, DISSOLVED MG/L	11/27/73-09/10/79	42	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00310	BOD, 5 DAY, 20 DEG C MG/L	12/11/73-09/10/79	35	3.	3.571	9.	1.	4.134	2.033	1.	2.	5.	7.
00312	BOD, 6 DAY, 20 DEG C MG/L	11/27/73-09/10/79	42	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00315	BOD, 7 DAY, 20 DEG C MG/L	11/27/73-09/10/79	42	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00400	PH (STANDARD UNITS)	11/27/73-09/10/79	42	7.65	7.7	8.6	6.9	0.119	0.345	7.3	7.475	7.925	8.17
00400	CONVERTED PH (STANDARD UNITS)	11/27/73-09/10/79	42	7.647	7.569	8.6	6.9	0.137	0.37	7.3	7.475	7.925	8.17
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/27/73-09/10/79	42	0.023	0.027	0.126	0.003	0.001	0.024	0.007	0.012	0.034	0.05
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/27/73-09/10/79	41	106.	106.756	138.	76.	98.689	9.934	97.	100.	113.	118.8
00480	SALINITY - PARTS PER THOUSAND	11/27/73-08/09/79	41	23.8	26.146	74.9	6.1	121.982	11.045	17.22	21.4	29.2	34.34
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/27/73-09/10/79	42	0.25	0.595	3.5	0.	0.698	0.835	0.	0.	1.	2.
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/27/73-09/10/79	42	0.045	0.093	0.585	0.	0.013	0.116	0.011	0.032	0.106	0.239
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/27/73-09/10/79	42	0.185	0.178	0.5	0.01	0.009	0.094	0.053	0.118	0.213	0.309
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/27/73-09/10/79	42	0.155	0.148	0.33	0.005	0.006	0.078	0.033	0.098	0.193	0.244
00940	CHLORIDE,TOTAL IN WATER MG/L	11/27/73-09/10/79	41	15000.	17173.171	45500.	11000.	48187512.195	6941.723	12520.	13600.	18000.	20940.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/27/73-09/10/79	40	110.	770.5	16000.	10.	6599092.051	2568.87	10.	20.	330.	1390.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	11/27/73-09/10/79	40	2.041	2.045	4.204	1.	0.685	0.828	1.	1.301	2.519	3.143
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			110.799								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/27/73-09/10/79	40	35.	373.5	9200.	10.	2131331.026	1459.908	10.	10.	155.	760.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/27/73-09/10/79	40	1.5	1.683	3.964	1.	0.56	0.749	1.	1.	2.183	2.877
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			48.148								
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	11/27/73-09/10/79	40	8.	40.025	540.	1.	8783.102	93.718	1.	1.25	33.	110.
31677	LOG FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678	11/27/73-09/10/79	40	0.903	0.941	2.732	0.	0.605	0.778	0.	0.075	1.519	2.041
31677	GM FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	GEOMETRIC MEAN =			8.729								
82028	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI(CAL)	11/27/73-08/09/79	40	5.	23.545	245.	0.09	2901.372	53.864	0.4	1.125	16.25	79.6
82028	LOG RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI(	11/27/73-08/09/79	40	0.699	0.651	2.389	-1.046	0.658	0.811	-0.398	0.044	1.207	1.892
82028	GM RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI(C	GEOMETRIC MEAN =			4.476								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station GATE0282

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/27/73-09/10/79	10	19.	17.75	25.	1.5	46.569	6.824	2.6	15.5	22.5	24.9
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/27/73-09/10/79	8	21.	20.25	30.	0.	90.786	9.528	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/27/73-09/10/79	11	5.	7.818	25.	3.	42.964	6.555	3.	4.	12.	22.4
00077	TRANSPARENCY, SECCHI DISC (INCHES)	11/27/73-07/26/79	5	48.	49.2	96.	18.	835.2	28.9	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	11/27/73-09/10/79	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/27/73-09/10/79	9	8.6	9.378	13.1	7.1	4.484	2.118	7.1	7.8	11.5	13.1
00300	OXYGEN, DISSOLVED MG/L	11/27/73-09/10/79	11	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00310	BOD, 5 DAY, 20 DEG C MG/L	12/11/73-09/10/79	10	3.5	3.6	7.	2.	2.933	1.713	2.	2.	5.	6.8
00312	BOD, 6 DAY, 20 DEG C MG/L	11/27/73-09/10/79	11	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00315	BOD, 7 DAY, 20 DEG C MG/L	11/27/73-09/10/79	11	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00400	PH (STANDARD UNITS)	11/27/73-09/10/79	11	8.	7.9	8.3	7.5	0.058	0.241	7.52	7.7	8.1	8.26
00400	CONVERTED PH (STANDARD UNITS)	11/27/73-09/10/79	11	8.	7.839	8.3	7.5	0.062	0.249	7.52	7.7	8.1	8.26
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/27/73-09/10/79	11	0.01	0.014	0.032	0.005	0.	0.008	0.006	0.008	0.02	0.03
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/27/73-09/10/79	11	104.	102.364	109.	94.	18.255	4.273	94.8	99.	105.	108.4
00480	SALINITY - PARTS PER THOUSAND	11/27/73-08/09/79	9	22.5	23.122	26.	19.7	3.629	1.905	19.7	22.	24.7	26.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/27/73-09/10/79	11 ##	0.5	0.673	1.5	0.5	0.148	0.385	0.5	0.5	0.5	1.48
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/27/73-09/10/79	11	0.025	0.039	0.09	0.006	0.001	0.029	0.008	0.02	0.07	0.089
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/27/73-09/10/79	10	0.155	0.217	0.4	0.05	0.024	0.154	0.052	0.07	0.39	0.399
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/27/73-09/10/79	10	0.1	0.13	0.3	0.005	0.009	0.097	0.01	0.05	0.225	0.294
00940	CHLORIDE,TOTAL IN WATER MG/L	11/27/73-09/10/79	9	15000.	14222.222	19500.	6500.	12256944.444	3500.992	6500.	13000.	15500.	19500.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/27/73-09/10/79	9	80.	156.667	490.	10.	31650.	177.904	10.	20.	330.	490.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	11/27/73-09/10/79	9	1.903	1.87	2.69	1.	0.369	0.607	1.	1.301	2.519	2.69
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			74.215								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/27/73-09/10/79	9	20.	30.	130.	10.	1425.	37.749	10.	15.	20.	130.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/27/73-09/10/79	9	1.301	1.324	2.114	1.	0.105	0.323	1.	1.151	1.301	2.114
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			21.109								
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	11/27/73-09/10/79	9	5.	46.444	240.	1.	6600.028	81.241	1.	1.	79.5	240.
31677	LOG FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678	11/27/73-09/10/79	9	0.699	0.896	2.38	0.	0.869	0.932	0.	0.	1.866	2.38
31677	GM FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	GEOMETRIC MEAN =			7.875								
82028	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI(CAL)	11/27/73-08/09/79	6	10.	8.5	10.	1.	13.5	3.674	**	**	**	**
82028	LOG RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI(	11/27/73-08/09/79	6	1.	0.833	1.	0.	0.167	0.408	**	**	**	**
82028	GM RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI(C	GEOMETRIC MEAN =			6.813								

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Annual Analysis for 1977 - Station GATE0282

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/27/73-09/10/79	20	21.	17.665	29.	-1.5	62.623	7.913	8.03	13.25	22.75	24.9
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/27/73-09/10/79	20	23.	21.3	32.	0.	46.853	6.845	12.2	19.5	25.75	26.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/27/73-09/10/79	20	6.	7.4	15.	4.	10.042	3.169	5.	5.	9.5	14.5
00077	TRANSPARENCY, SECCHI DISC (INCHES)	11/27/73-07/26/79	20	36.	40.6	84.	1.	304.989	17.464	24.	32.25	48.	70.2
00080	COLOR (PLATINUM-COBALT UNITS)	11/27/73-09/10/79	20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/27/73-09/10/79	19	9.5	10.147	16.8	6.7	8.725	2.954	6.9	7.7	11.9	15.9
00300	OXYGEN, DISSOLVED MG/L	11/27/73-09/10/79	20	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00310	BOD, 5 DAY, 20 DEG C MG/L	12/11/73-09/10/79	18	3.	3.028	6.	0.5	2.308	1.519	0.95	2.	4.	5.1
00312	BOD, 6 DAY, 20 DEG C MG/L	11/27/73-09/10/79	20	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00315	BOD, 7 DAY, 20 DEG C MG/L	11/27/73-09/10/79	20	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00400	PH (STANDARD UNITS)	11/27/73-09/10/79	20	8.	8.08	8.7	7.6	0.097	0.312	7.71	7.8	8.275	8.6
00400	CONVERTED PH (STANDARD UNITS)	11/27/73-09/10/79	20	8.	7.988	8.7	7.6	0.106	0.326	7.71	7.8	8.275	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/27/73-09/10/79	20	0.01	0.01	0.025	0.002	0.	0.006	0.003	0.005	0.016	0.02
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/27/73-09/10/79	20	106.5	105.8	120.	83.	78.8	8.877	91.1	102.5	111.75	116.6
00480	SALINITY - PARTS PER THOUSAND	11/27/73-08/09/79	3	19.	22.467	30.4	18.	47.453	6.889	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/27/73-09/10/79	20	0.85	0.978	1.96	0.5	0.281	0.53	0.5	0.5	1.475	1.79
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/27/73-09/10/79	20	0.028	0.033	0.095	0.001	0.001	0.023	0.005	0.016	0.044	0.069
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/27/73-09/10/79	20	0.275	0.251	0.4	0.06	0.01	0.101	0.073	0.173	0.34	0.359
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/27/73-09/10/79	20	0.165	0.165	0.35	0.02	0.01	0.1	0.03	0.068	0.238	0.3

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Annual Analysis for 1977 - Station GATE0282

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00940	CHLORIDE,TOTAL IN WATER MG/L	11/27/73-09/10/79	20	18750.	18150.	21000.	12000.	7344736.842	2710.117	12650.	17125.	20250.	21000.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/27/73-09/10/79	20	20.	106.5	490.	10.	20950.263	144.742	10.	12.5	230.	330.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	11/27/73-09/10/79	20	1.301	1.616	2.69	1.	0.371	0.609	1.	1.075	2.362	2.519
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			41.293								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/27/73-09/10/79	20	## 10.	39.5	230.	10.	4541.842	67.393	10.	10.	20.	215.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/27/73-09/10/79	20	## 1.	1.276	2.362	1.	0.202	0.45	1.	1.	1.301	2.316
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			18.901								
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	11/27/73-09/10/79	20	## 1.	8.1	79.	1.	334.832	18.298	1.	1.	2.	26.6
31677	LOG FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678	11/27/73-09/10/79	20	## 0.	0.364	1.898	0.	0.341	0.584	0.	0.	0.301	1.424
31677	GM FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	GEOMETRIC MEAN =			2.311								
82028	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI(CAL)	11/27/73-08/09/79	2	17.5	17.5	25.	10.	112.5	10.607	**	**	**	**
82028	LOG RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI(	11/27/73-08/09/79	2	1.199	1.199	1.398	1.	0.079	0.281	**	**	**	**
82028	GM RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI(C	GEOMETRIC MEAN =			15.811								

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Annual Analysis for 1978 - Station GATE0282

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/27/73-09/10/79	20	20.	17.66	27.2	0.	68.218	8.259	2.1	12.625	24.475	25.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/27/73-09/10/79	20	24.15	19.6	29.	0.	91.086	9.544	0.5	13.5	26.675	28.22
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/27/73-09/10/79	22	8.	8.	18.	3.	11.619	3.409	3.3	6.5	9.25	12.7
00077	TRANSPARENCY, SECCHI DISC (INCHES)	11/27/73-07/26/79	20	48.	45.	66.	18.	217.895	14.761	24.	36.	60.	60.
00080	COLOR (PLATINUM-COBALT UNITS)	11/27/73-09/10/79	22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/27/73-09/10/79	22	8.6	9.273	14.6	5.3	6.277	2.505	6.68	7.6	10.35	14.32
00300	OXYGEN, DISSOLVED MG/L	11/27/73-09/10/79	22	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00310	BOD, 5 DAY, 20 DEG C MG/L	12/11/73-09/10/79	20	3.	3.225	11.	0.5	4.644	2.155	1.1	2.	4.	4.9
00312	BOD, 6 DAY, 20 DEG C MG/L	11/27/73-09/10/79	22	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00315	BOD, 7 DAY, 20 DEG C MG/L	11/27/73-09/10/79	22	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00400	PH (STANDARD UNITS)	11/27/73-09/10/79	22	8.	8.005	8.5	7.6	0.061	0.248	7.63	7.8	8.125	8.4
00400	CONVERTED PH (STANDARD UNITS)	11/27/73-09/10/79	22	8.	7.941	8.5	7.6	0.066	0.256	7.63	7.8	8.125	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/27/73-09/10/79	22	0.01	0.011	0.025	0.003	0.	0.006	0.004	0.008	0.016	0.024
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/27/73-09/10/79	22	107.5	106.636	126.	85.	89.766	9.475	90.9	100.	113.	116.4
00480	SALINITY - PARTS PER THOUSAND	11/27/73-08/09/79	18	19.35	20.1	31.	14.5	20.793	4.56	14.95	16.	22.625	28.3
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/27/73-09/10/79	22	## 0.25	0.317	1.07	0.025	0.098	0.313	0.05	0.05	0.5	0.85
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/27/73-09/10/79	22	0.027	0.032	0.072	0.011	0.	0.017	0.013	0.018	0.046	0.061
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/27/73-09/10/79	22	0.26	0.312	0.96	0.04	0.044	0.21	0.076	0.17	0.415	0.586
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/27/73-09/10/79	21	0.18	0.199	0.73	0.01	0.026	0.162	0.022	0.095	0.26	0.396
00940	CHLORIDE,TOTAL IN WATER MG/L	11/27/73-09/10/79	19	14000.	14086.842	19500.	10500.	4296067.251	2072.696	11000.	13150.	15250.	17000.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/27/73-09/10/79	22	35.	142.273	1700.	10.	126056.494	355.044	10.	10.	132.5	227.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	11/27/73-09/10/79	22	1.5	1.645	3.23	1.	0.369	0.607	1.	1.	2.122	2.356
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			44.159								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/27/73-09/10/79	22	## 10.	21.818	80.	10.	491.775	22.176	10.	10.	20.	71.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/27/73-09/10/79	22	## 1.	1.2	1.903	1.	0.099	0.315	1.	1.	1.301	1.842
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			15.863								
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	11/27/73-09/10/79	22	4.5	23.909	240.	1.	2957.229	54.38	1.	1.	17.	91.7
31677	LOG FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678	11/27/73-09/10/79	22	0.651	0.717	2.38	0.	0.528	0.727	0.	0.	1.23	1.936
31677	GM FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	GEOMETRIC MEAN =			5.21								
82028	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI(CAL)	11/27/73-08/09/79	21	5.	6.614	40.	0.2	74.628	8.639	0.32	0.5	10.	10.
82028	LOG RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI(	11/27/73-08/09/79	21	0.699	0.474	1.602	-0.699	0.417	0.646	-0.498	-0.301	1.	1.
82028	GM RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI(C	GEOMETRIC MEAN =			2.979								

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Annual Analysis for 1979 - Station GATE0282

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/27/73-09/10/79	12	19.	17.8	28.9	3.	56.875	7.542	4.05	14.	22.775	28.18
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/27/73-09/10/79	12	21.5	20.275	30.6	1.5	73.386	8.567	3.	19.125	25.5	30.48
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/27/73-09/10/79	13	7.	9.769	33.	4.	61.359	7.833	4.4	6.	10.	27.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	11/27/73-07/26/79	11	42.	45.	120.	12.	808.2	28.429	13.8	30.	48.	108.
00080	COLOR (PLATINUM-COBALT UNITS)	11/27/73-09/10/79	13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/27/73-09/10/79	12	8.4	7.975	12.7	3.	8.8	2.967	3.	6.125	9.525	12.37
00300	OXYGEN, DISSOLVED MG/L	11/27/73-09/10/79	13	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00310	BOD, 5 DAY, 20 DEG C MG/L	12/11/73-09/10/79	11	5.	6.364	14.	2.	14.655	3.828	2.2	4.	10.	13.4
00312	BOD, 6 DAY, 20 DEG C MG/L	11/27/73-09/10/79	13	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00315	BOD, 7 DAY, 20 DEG C MG/L	11/27/73-09/10/79	13	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00400	PH (STANDARD UNITS)	11/27/73-09/10/79	13	7.9	7.992	8.3	7.8	0.024	0.155	7.8	7.9	8.1	8.26
00400	CONVERTED PH (STANDARD UNITS)	11/27/73-09/10/79	13	7.9	7.968	8.3	7.8	0.025	0.157	7.8	7.9	8.1	8.26
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/27/73-09/10/79	13	0.013	0.011	0.016	0.005	0.	0.003	0.006	0.008	0.013	0.016
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/27/73-09/10/79	13	95.	94.077	106.	80.	42.91	6.551	81.6	91.5	97.	103.2
00480	SALINITY - PARTS PER THOUSAND	11/27/73-08/09/79	12	20.	20.575	28.8	14.4	19.333	4.397	14.58	17.375	24.2	28.02
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/27/73-09/10/79	13	0.17	0.2	0.54	0.03	0.023	0.151	0.038	0.065	0.31	0.468
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/27/73-09/10/79	13	0.025	0.065	0.3	0.015	0.008	0.088	0.016	0.018	0.067	0.263
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/27/73-09/10/79	13	0.31	0.353	0.75	0.08	0.028	0.167	0.14	0.27	0.42	0.686
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/27/73-09/10/79	13	0.2	0.19	0.53	0.005	0.014	0.119	0.039	0.135	0.2	0.41
00940	CHLORIDE,TOTAL IN WATER MG/L	11/27/73-09/10/79	13	14500.	13961.538	17500.	8750.	7321314.103	2705.793	9250.	11875.	16125.	17400.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/27/73-09/10/79	12	120.	195.	790.	10.	47900.	218.861	13.	42.5	305.	652.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	11/27/73-09/10/79	12	2.078	2.025	2.898	1.	0.304	0.552	1.09	1.626	2.479	2.784
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			105.911								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/27/73-09/10/79	12	35.	50.833	230.	10.	3808.333	61.712	10.	10.	65.	185.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/27/73-09/10/79	12	1.5	1.484	2.362	1.	0.202	0.449	1.	1.	1.809	2.224
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			30.484								
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	11/27/73-09/10/79	12	26.	54.417	240.	1.	5123.902	71.581	1.	1.25	83.5	207.
31677	LOG FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678	11/27/73-09/10/79	12	1.415	1.188	2.38	0.	0.792	0.89	0.	0.075	1.921	2.3
31677	GM FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	GEOMETRIC MEAN =			15.416								
82028	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI(CAL)	11/27/73-08/09/79	11	2.	7.799	35.	0.04	135.02	11.62	0.052	0.15	10.	33.
82028	LOG RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI(	11/27/73-08/09/79	11	0.301	0.227	1.544	-1.398	0.977	0.988	-1.318	-0.824	1.	1.515
82028	GM RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI(C	GEOMETRIC MEAN =			1.687								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0283

NPS Station ID: GATE0283
LAT/LON: 40.385837/ -74.012226
Agency: 21NJDEP1
Date Created: 08/08/81
Location: NAVESINK RIVER
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 1006400005 /1014B /SF03073
RMI-Indexes: 0133006 000020 00080
Within Park Boundary: No
RMI-Miles: 0001.70 0001.70 000.05
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST MAJOR BASIN
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA
ECO Region:
RF1 Index: 02030104008
RF1 Mile Point: 1.740
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J.
TIDE CORRECTION (H/L): (+1:09/+1:45)
ASSOCIATED NOAA WEATHER STATION: 4987

Parameter Inventory for Station: GATE0283

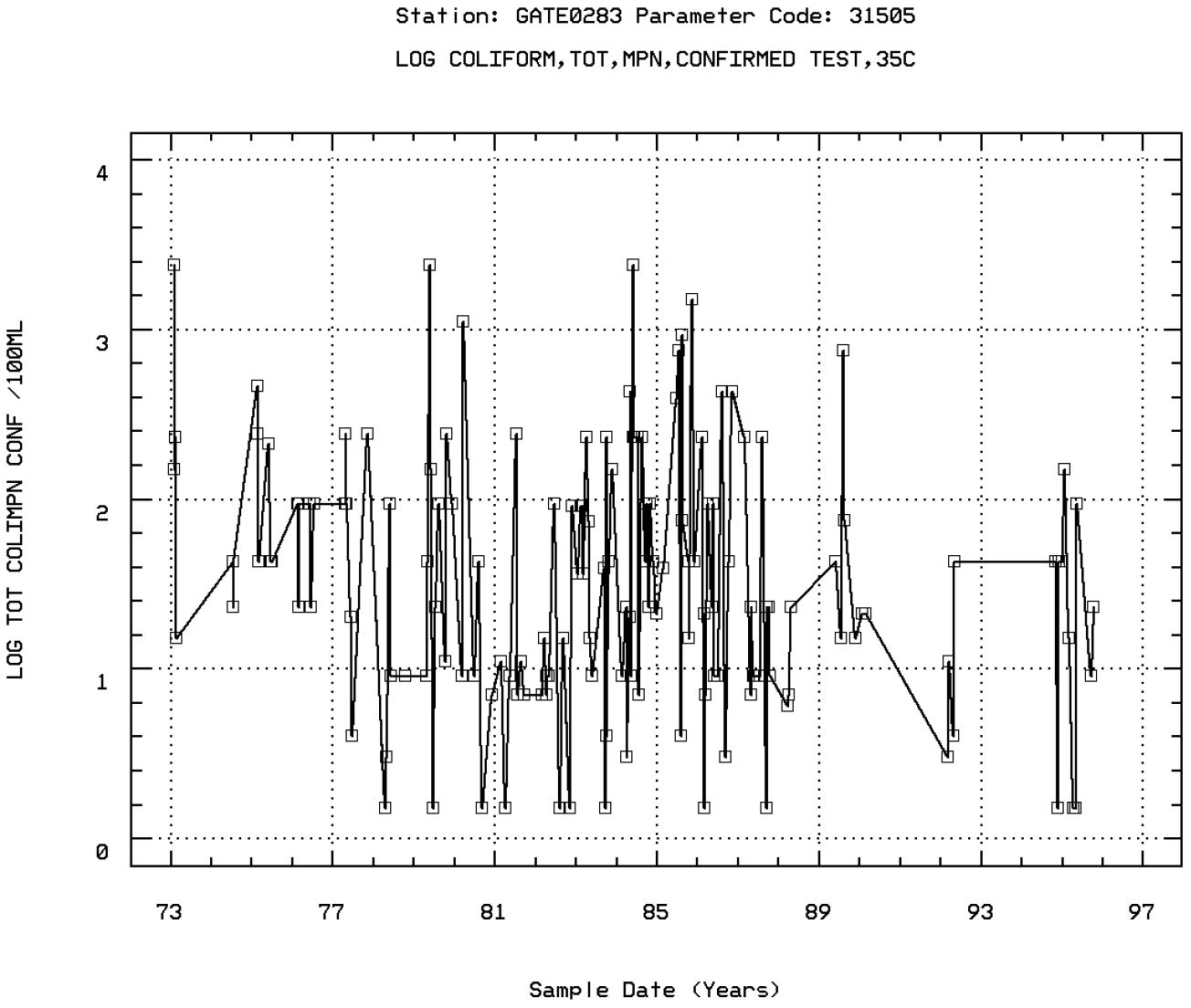
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-10/17/95	53	16.	14.106	28.	0.	66.121	8.131	2.4	5.2	21.1	23.18
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	166	17.	16.522	32.	0.	59.796	7.733	6.	10.	22.25	27.06
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	184	7.	7.522	20.	0.	22.218	4.714	1.5	3.25	10.	15.
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	156	23.	143.301	2400.	1.5	139480.463	373.471	3.	9.	93.	240.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	156	1.362	1.494	3.38	0.176	0.567	0.753	0.477	0.954	1.968	2.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			31.189								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	151	9.	39.364	930.	1.5	9207.856	95.958	1.5	4.	36.	93.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	151	0.954	1.08	2.968	0.176	0.419	0.648	0.176	0.602	1.556	1.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.034								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	30	9.1	43.963	460.	1.5	12933.792	113.727	3.06	6.375	23.	43.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/88-08/08/95	30	0.959	1.099	2.663	0.176	0.335	0.579	0.485	0.787	1.362	1.633
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			12.575								
31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	02/05/73-10/16/78	13	4.	5.231	11.	3.	11.026	3.32	3.	3.	7.5	11.
31678	LOG FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATI	02/05/73-10/16/78	13	0.602	0.655	1.041	0.477	0.052	0.227	0.477	0.477	0.822	1.041
31678	GM FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATIO	GEOMETRIC MEAN =			4.523								
70211p	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	186	11148.5	8730.624	99984.	1004.	161132422.128	12693.795	1287.4	1408.25	11346.25	11534.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

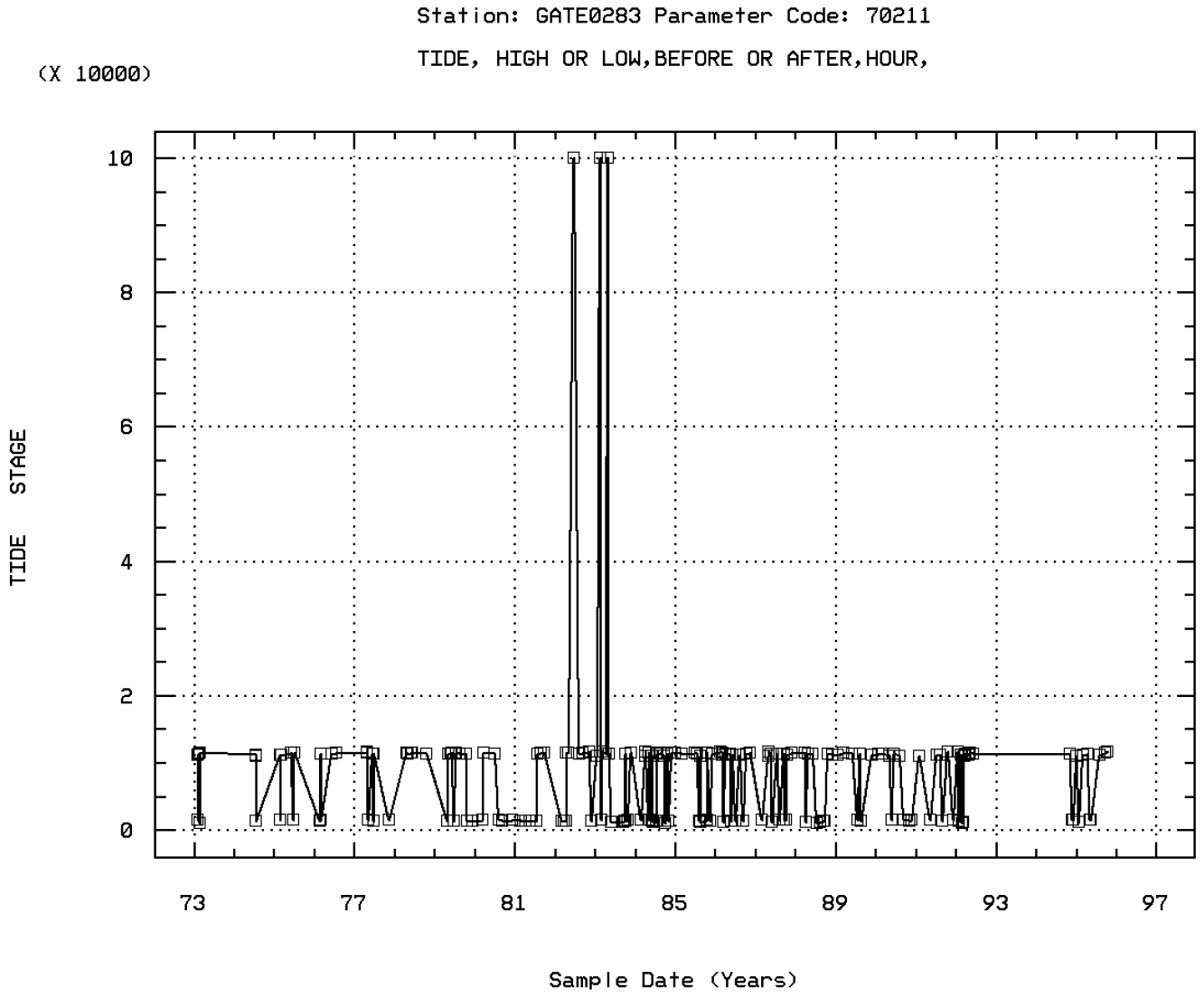
EPA Water Quality Criteria Analysis for Station: GATE0283

				Total	Exceed	Prop.	----------8/01-10/31----------			----------11/01-3/31----------			----------4/01-7/31----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	156	5	0.03	37	0	0.00	50	3	0.06	69	2	0.03			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	151	7	0.05	37	2	0.05	45	1	0.02	69	4	0.06			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



NAVESINK RIVER



NAVESINK RIVER

Annual Analysis for 1973 - Station GATE0283

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	5	4.	3.6	6.	0.	5.3	2.302	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	5	150.	562.	2400.	15.	1064157.5	1031.58	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	5	2.176	2.054	3.38	1.176	0.852	0.923	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			113.251								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	5	11130.	7278.	11430.	1015.	30246207.5	5499.655	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station GATE0283

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	3	10.	8.333	10.	5.	8.333	2.887	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	3	43.	36.333	43.	23.	133.333	11.547	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	3	1.633	1.543	1.633	1.362	0.025	0.157	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			34.905								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	3	23.	25.	43.	9.	292.	17.088	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	3	1.362	1.316	1.633	0.954	0.117	0.342	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			20.724								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	3	11045.	7858.333	11215.	1315.	32118633.333	5667.33	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GATE0283

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	6	17.5	15.	20.	5.	40.	6.325	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	6	126.5	173.167	460.	43.	27785.367	166.689	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	6	1.978	2.044	2.663	1.633	0.216	0.465	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			110.73								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	6	23.	33.083	93.	1.5	1043.242	32.299	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	6	1.362	1.28	1.968	0.176	0.368	0.607	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			19.037								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	6	11145.	8040.	11545.	1430.	26186660.	5117.29	**	**	**	**

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Annual Analysis for 1976 - Station GATE0283

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	3	27.2	26.9	28.	25.5	1.63	1.277	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	4	4.5	3.75	5.	1.	3.583	1.893	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	6	93.	69.667	93.	23.	1306.667	36.148	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	6	1.968	1.766	1.968	1.362	0.098	0.313	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			58.376								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	6	9.	35.333	93.	4.	2000.267	44.724	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	6	0.954	1.175	1.968	0.602	0.403	0.635	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			14.96								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	5	11245.	7361.	11500.	1300.	29970555.	5474.537	**	**	**	**

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Annual Analysis for 1977 - Station GATE0283

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	7	18.	19.	28.	10.	78.333	8.851	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	6	4.	4.333	10.	1.	10.267	3.204	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	7	93.	99.143	240.	4.	10687.476	103.38	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	7	1.968	1.6	2.38	0.602	0.595	0.771	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			39.844								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	7	9.	13.071	43.	1.5	203.036	14.249	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	7	0.954	0.903	1.633	0.176	0.232	0.482	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.996								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	7	11300.	7147.143	11600.	1300.	28483223.81	5336.968	**	**	**	**

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Annual Analysis for 1978 - Station GATE0283

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	5	16.	17.8	24.	12.	25.2	5.02	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	5	5.	5.6	10.	0.	14.3	3.782	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	5	9.	23.1	93.	1.5	1538.55	39.224	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	5	0.954	0.906	1.968	0.176	0.463	0.68	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			8.054								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	5	3.	7.2	21.	1.5	69.075	8.311	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	5	0.477	0.621	1.322	0.176	0.255	0.505	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.18								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	5	11430.	11404.	11530.	11300.	8380.	91.542	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station GATE0283

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	10	21.	19.1	28.	4.	52.989	7.279	4.8	13.5	24.25	27.7
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	10	7.5	7.	12.	2.	17.111	4.137	2.1	3.	10.5	12.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	10	68.	306.35	2400.	1.5	546830.781	739.48	2.25	10.5	172.5	2184.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	10	1.801	1.704	3.38	0.176	0.788	0.887	0.254	1.02	2.227	3.28
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			50.587								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	10	19.	29.1	93.	1.5	1008.044	31.75	1.5	5.625	51.	91.2
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	10	1.269	1.153	1.968	0.176	0.394	0.628	0.176	0.678	1.694	1.959
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			14.217								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	10	11300.	7340.	11500.	1300.	26804888.889	5177.344	1300.	1300.	11325.	11490.

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Annual Analysis for 1980 - Station GATE0283

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	6	14.	15.5	27.	6.	77.5	8.803	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	6	6.5	6.5	10.	4.	5.5	2.345	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	6	9.	194.917	1100.	1.5	196821.442	443.646	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	6	0.954	1.267	3.041	0.176	0.969	0.985	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			18.511								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	6	4.	15.	75.	1.5	865.5	29.419	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	6	0.602	0.672	1.875	0.176	0.391	0.625	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.702								

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Annual Analysis for 1980 - Station GATE0283

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	6	1530.	4765.	11500.	1300.	26425070.	5140.532	**	**	**	**

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Annual Analysis for 1981 - Station GATE0283

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	7	20.	21.	31.	10.	41.667	6.455	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	7	10.	9.714	15.	3.	20.571	4.536	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	7	9.	40.929	240.	1.5	7716.202	87.842	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	7	0.954	1.041	2.38	0.176	0.438	0.662	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			10.978								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	7	4.	38.357	240.	1.5	7912.393	88.952	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	7	0.602	0.862	2.38	0.176	0.511	0.715	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.285								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	7	1400.	5655.714	11530.	1300.	29079161.905	5392.51	**	**	**	**

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Annual Analysis for 1982 - Station GATE0283

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	10	15.5	15.8	26.	4.	43.956	6.63	4.4	11.75	21.25	25.6
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	10	5.5	6.4	15.	1.	18.711	4.326	1.2	3.	10.	14.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	10	9.	24.9	93.	1.5	1271.6	35.66	1.5	5.625	34.	92.8
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	10	0.954	1.023	1.968	0.176	0.369	0.608	0.176	0.678	1.372	1.968
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			10.545								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	10	8.	19.	91.	1.5	792.167	28.145	1.5	2.625	22.	86.2
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	10	0.9	0.918	1.959	0.176	0.348	0.59	0.176	0.402	1.29	1.926
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.271								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	10	11378.	16270.3	99984.	1334.	890540410.011	29841.924	1334.	1342.25	11559.25	91150.

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Annual Analysis for 1983 - Station GATE0283

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	14	15.5	13.429	22.	0.	45.802	6.768	2.5	7.5	18.75	21.5
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	14	11.	9.786	15.	1.	27.874	5.28	1.	5.75	15.	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	14	41.	74.893	230.	1.5	5996.315	77.436	2.75	13.5	105.75	230.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	14	1.612	1.566	2.362	0.176	0.418	0.646	0.389	1.121	2.013	2.362
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			36.828								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	14	23.	31.107	93.	1.5	837.468	28.939	2.75	12.25	37.75	92.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	14	1.362	1.276	1.968	0.176	0.267	0.517	0.389	1.033	1.576	1.964
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			18.873								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	14	11160.5	19712.857	99984.	1208.	1179669063.055	34346.311	1224.5	1295.25	11484.25	99984.

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Annual Analysis for 1984 - Station GATE0283

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	17	19.	18.235	31.	2.	66.566	8.159	6.8	12.	25.	29.4
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	17	9.	8.235	15.	1.	21.191	4.603	1.8	3.5	12.	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	17	43.	242.118	2400.	3.	323913.61	569.134	6.2	14.5	230.	824.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	17	1.633	1.76	3.38	0.477	0.579	0.761	0.772	1.128	2.362	2.783
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			57.542								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	17	11.	90.235	930.	1.5	50114.66	223.863	1.5	5.5	68.	370.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	17	1.041	1.265	2.968	0.176	0.577	0.76	0.176	0.724	1.801	2.483
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			18.426								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	17	11007.	6616.	11702.	1007.	26538923.25	5151.594	1187.8	1345.5	11388.	11574.

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Annual Analysis for 1985 - Station GATE0283

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	11	18.	19.273	32.	7.	58.418	7.643	7.8	12.	26.	30.8
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	11	3.	4.909	15.	2.	17.491	4.182	2.	2.	8.	13.8
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	11	43.	346.364	1500.	4.	252138.055	502.134	6.2	21.	750.	1386.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	11	1.633	1.949	3.176	0.602	0.695	0.834	0.717	1.322	2.875	3.135
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			89.016								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	11	15.	115.955	430.	1.5	26563.023	162.982	2.	9.	230.	422.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	11	1.176	1.467	2.633	0.176	0.707	0.841	0.261	0.954	2.362	2.625
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			29.284								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	11	11226.	7702.091	11548.	1218.	25718572.491	5071.348	1222.8	1315.	11450.	11547.8

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Annual Analysis for 1986 - Station GATE0283

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	13	19.	16.	29.	5.	74.167	8.612	5.4	6.5	22.5	28.2
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	13	4.	5.538	14.	1.	17.603	4.196	1.	2.5	9.	13.2
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	13	23.	107.115	430.	1.5	24490.09	156.493	2.1	8.	161.5	430.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	13	1.362	1.484	2.633	0.176	0.637	0.798	0.297	0.9	2.165	2.633
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			30.467								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	13	23.	48.731	230.	1.5	4282.401	65.44	1.5	2.25	93.	175.2
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	13	1.362	1.215	2.362	0.176	0.597	0.773	0.176	0.327	1.968	2.204
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			16.411								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	13	11218.	8255.462	11604.	1219.	23279496.436	4824.883	1257.4	1342.5	11389.	11581.6

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Annual Analysis for 1987 - Station GATE0283

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	8	13.	13.	22.	7.	24.571	4.957	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	12	5.	6.667	15.	1.	27.697	5.263	1.	1.25	11.5	14.7
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	11	9.	52.136	230.	1.5	7786.205	88.239	2.6	9.	23.	230.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	11	0.954	1.241	2.362	0.176	0.418	0.646	0.31	0.954	1.362	2.362
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			17.403								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	11	9.	19.318	93.	1.5	655.414	25.601	2.	9.	23.	79.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	11	0.954	1.055	1.968	0.176	0.215	0.463	0.261	0.954	1.362	1.847
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.345								

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Annual Analysis for 1987 - Station GATE0283

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	12	11076.5	7172.917	11616.	1201.	25960507.902	5095.146	1270.9	1437.5	11333.	11555.1

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Annual Analysis for 1988 - Station GATE0283

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	10	14.5	15.	26.	6.	42.	6.481	6.3	9.75	19.	25.9
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	10	6.	5.7	10.	0.	7.789	2.791	0.3	4.5	8.	9.8
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	3	7.	12.	23.	6.	91.	9.539	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	3	0.845	0.995	1.362	0.778	0.102	0.319	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			9.885								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	3	4.	3.167	4.	1.5	2.083	1.443	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	3	0.602	0.46	0.602	0.176	0.06	0.246	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.884								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	10	6247.5	6253.9	11413.	1004.	28261241.433	5316.13	1026.9	1233.75	11325.75	11407.2

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Annual Analysis for 1989 - Station GATE0283

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	7	21.	19.571	28.	5.	74.619	8.638	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	7	5.	6.286	15.	1.	25.905	5.09	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	5	43.	179.6	750.	15.	102285.8	319.822	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	5	1.633	1.747	2.875	1.176	0.488	0.699	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			55.867								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	5	43.	38.	93.	4.	1298.	36.028	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	5	1.633	1.337	1.968	0.602	0.339	0.582	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			21.703								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	7	11223.	8443.429	11436.	1258.	23535820.619	4851.373	**	**	**	**

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Annual Analysis for 1990 - Station GATE0283

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	9	19.	16.556	25.	5.	53.778	7.333	5.	8.5	22.5	25.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	9	10.	9.778	15.	4.	17.194	4.147	4.	6.	14.5	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	2	21.	21.	21.	21.	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	2	1.322	1.322	1.322	1.322	0.	0.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			21.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	2	9.5	9.5	15.	4.	60.5	7.778	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	2	0.889	0.889	1.176	0.602	0.165	0.406	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.746								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	9	11006.	6847.222	11350.	1308.	26531032.944	5150.828	1308.	1426.	11287.5	11350.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0283

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	7	24.	20.286	30.	6.	88.905	9.429	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	7	8.	7.857	14.	1.	17.143	4.14	**	**	**	**
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	7	11001.	7034.714	11604.	1332.	27778087.238	5270.492	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0283

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	10	9.5	11.3	23.	5.	37.789	6.147	5.1	6.	17.25	22.5
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	10	9.	8.	15.	1.	19.111	4.372	1.1	4.25	10.5	14.7
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	4	7.5	15.25	43.	3.	354.917	18.839	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	4	0.822	0.939	1.633	0.477	0.273	0.523	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			8.68								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	4	## 2.25	12.25	43.	1.5	420.75	20.512	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	4	## 0.327	0.616	1.633	0.176	0.481	0.693	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.128								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	10	11141.	8249.6	11644.	1021.	23965158.489	4895.422	1031.9	1280.75	11342.75	11625.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station GATE0283

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	3	10.	10.	15.	5.	25.	5.	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	3	14.	12.667	14.	10.	5.333	2.309	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	3	43.	29.167	43.	1.5	574.083	23.96	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	3	1.633	1.148	1.633	0.176	0.708	0.841	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			14.05								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	3	9.	11.167	23.	1.5	119.083	10.913	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	3	0.954	0.831	1.362	0.176	0.363	0.602	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.772								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	3	1454.	4728.667	11313.	1419.	32515390.333	5702.227	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station GATE0283

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	9	13.	12.	24.	1.	70.25	8.382	1.	2.5	19.	24.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	9	10.	10.667	14.	2.	14.	3.742	2.	10.	14.	14.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	8	19.	42.	150.	1.5	2817.929	53.084	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	8	1.269	1.203	2.176	0.176	0.559	0.748	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			15.951								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	8	9.	12.438	39.	1.5	172.317	13.127	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	8	0.954	0.821	1.591	0.176	0.328	0.573	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.618								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	9	11114.	7976.556	11607.	1230.	24723804.528	4972.304	1230.	1412.	11401.	11607.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0283

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	44	20.5	20.523	32.	11.	30.348	5.509	12.	16.25	25.	27.5
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	47	6.	6.957	15.	0.	21.389	4.625	1.	3.	10.	15.
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	37	23.	105.892	930.	1.5	40689.682	201.717	1.5	9.	93.	278.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	37	1.362	1.441	2.968	0.176	0.582	0.763	0.176	0.954	1.968	2.431
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			27.631								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	37	9.	36.554	430.	1.5	6214.58	78.833	1.5	4.	23.	93.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	37	0.954	1.087	2.633	0.176	0.378	0.615	0.176	0.602	1.362	1.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.225								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	10	9.1	60.1	460.	3.6	19966.78	141.304	3.6	6.375	43.	418.3
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/88-08/08/95	10	0.959	1.186	2.663	0.556	0.41	0.64	0.556	0.787	1.633	2.56
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			15.357								
70211p	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	47	11007.	6640.511	11607.	1007.	25425770.473	5042.397	1242.	1331.	11336.	11466.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0283

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	52	7.5	8.115	19.	0.	17.124	4.138	3.3	5.25	10.	14.7
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	61	8.	8.41	20.	0.	24.246	4.924	2.	4.5	14.	15.
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	50	41.	173.75	2400.	1.5	173846.217	416.949	6.1	14.	150.	411.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	50	1.612	1.608	3.38	0.176	0.554	0.744	0.785	1.142	2.176	2.608
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			40.543								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	45	14.	33.411	390.	1.5	3897.844	62.433	1.5	4.	37.5	93.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	45	1.146	1.081	2.591	0.176	0.405	0.636	0.176	0.602	1.574	1.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.054								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	12	9.1	8.025	23.	1.5	32.938	5.739	1.5	3.15	9.1	18.83
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/88-08/08/95	12	0.959	0.788	1.362	0.176	0.13	0.361	0.176	0.497	0.959	1.241
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			6.143								
70211p	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	63	11114.	8455.762	99984.	1015.	161751382.184	12718.152	1265.2	1419.	11356.	11548.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

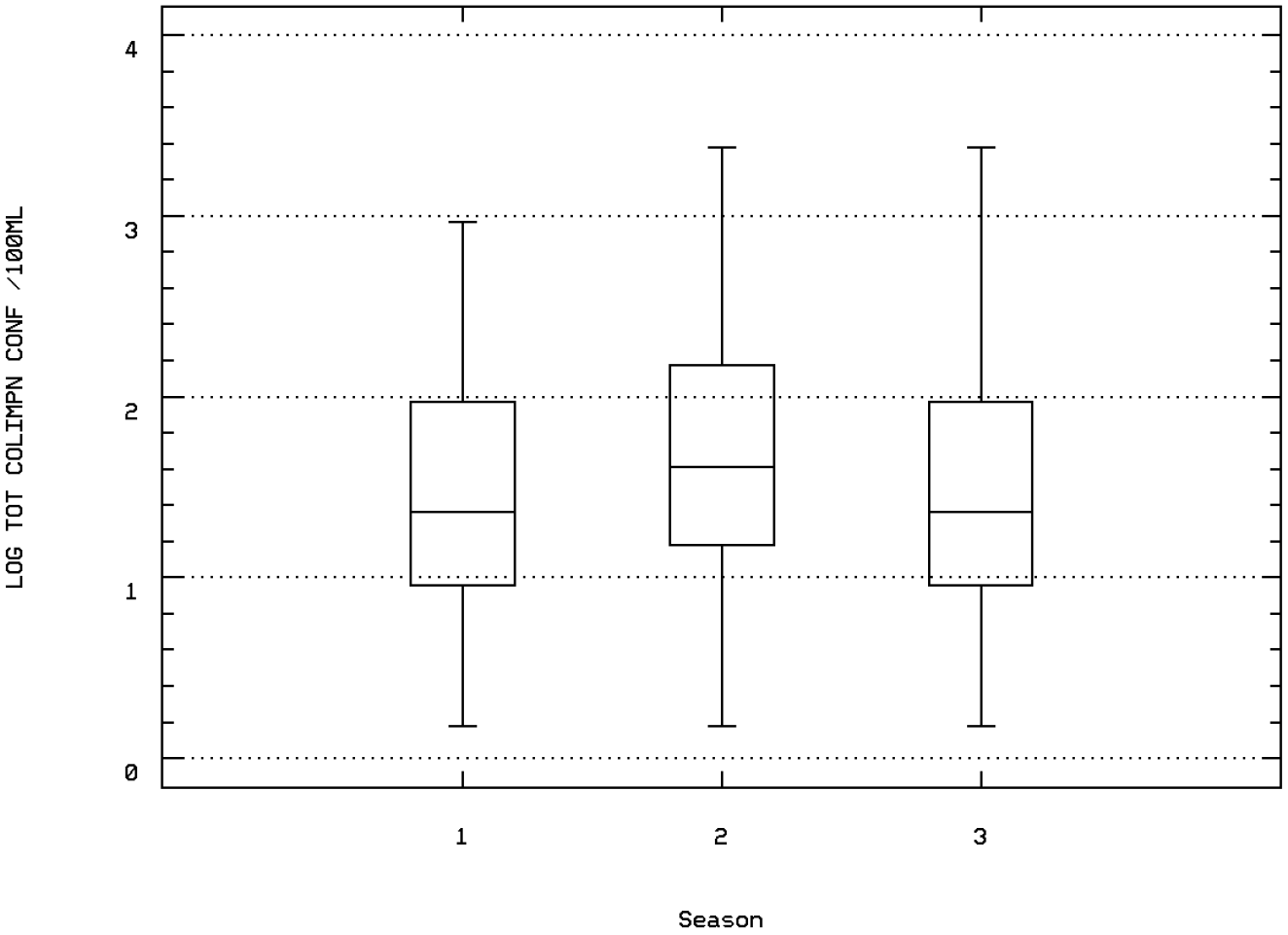
Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0283

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	70	20.5	20.253	31.	10.	33.835	5.817	12.	15.	25.625	28.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	76	6.5	7.158	20.	0.	20.721	4.552	2.	3.	10.	14.
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	69	23.	141.297	2400.	1.5	169673.017	411.914	3.	9.	93.	240.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	69	1.362	1.44	3.38	0.176	0.57	0.755	0.477	0.954	1.968	2.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			27.522								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	69	9.	44.754	930.	1.5	14442.019	120.175	1.5	4.	43.	93.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	69	0.954	1.076	2.968	0.176	0.463	0.681	0.176	0.602	1.633	1.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.921								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	8	23.	77.7	460.	3.6	23972.663	154.831	**	**	**	**
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/88-08/08/95	8	1.362	1.458	2.663	0.556	0.335	0.578	**	**	**	**
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			28.684								
70211p	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	76	11244.	10251.039	99984.	1004.	243007439.772	15588.696	1300.	1414.25	11389.25	11542.2

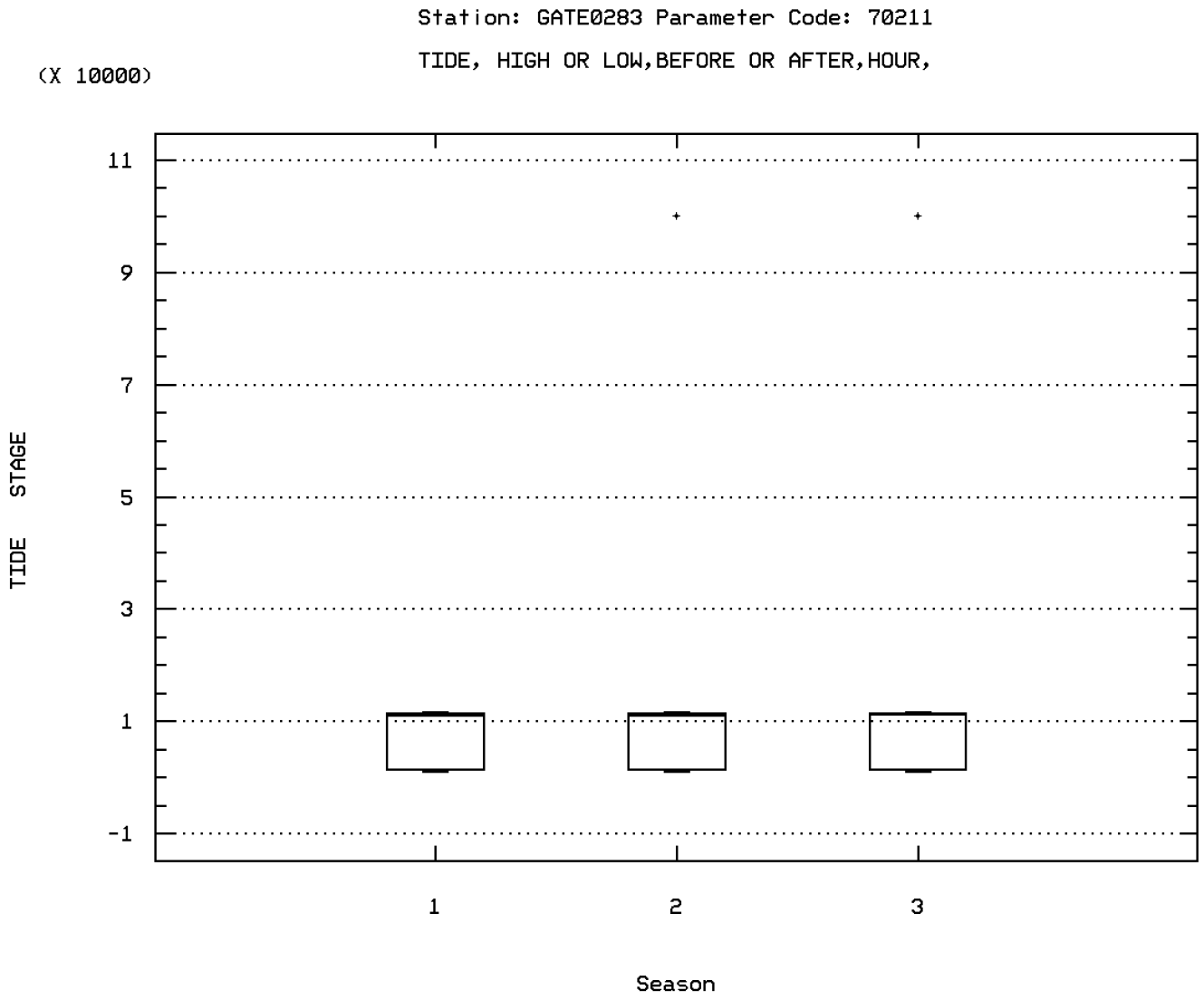
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: GATE0283 Parameter Code: 31505

LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C



NAVESINK RIVER



NAVESINK RIVER

Station Inventory for Station: GATE0284

NPS Station ID: GATE0284
LAT/LON: 40.418337/ -74.012226
Agency: 21NJDEP1
Date Created: 04/04/81
Location: SANDY HOOK BAY
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): L6990536872 /907 /SF02024
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST MAJOR BASIN
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA
ECO Region:
RF1 Index: 02030104006
RF1 Mile Point: 7.260
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J.
TIDE CORRECTION (H/L): (-0:01/ 0:00)
ASSOCIATED NOAA WEATHER STATION: 7865

Parameter Inventory for Station: GATE0284

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	65	17.8	14.282	25.	-0.6	70.969	8.424	1.1	6.5	21.85	23.3
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	157	19.	19.232	36.	0.	68.787	8.294	8.	12.	26.	29.2
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	183	4.	4.754	20.	0.	13.703	3.702	1.	2.	7.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	161	15.	144.689	2400.	1.5	167530.072	409.304	1.5	6.	93.	240.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	161	1.176	1.322	3.38	0.176	0.671	0.819	0.176	0.778	1.968	2.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			20.967								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	154	4.	36.705	1100.	1.5	11719.025	108.254	1.5	1.5	15.	93.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	154	0.602	0.898	3.041	0.176	0.46	0.678	0.176	0.176	1.176	1.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.905								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/15/90-05/18/92	18 ##	2.55	10.706	93.	1.5	469.192	21.661	1.5	1.5	10.575	30.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	05/15/90-05/18/92	18 ##	0.366	0.606	1.968	0.176	0.302	0.549	0.176	0.176	1.013	1.422
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			4.035								
31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	08/10/73-12/01/78	21	3.	3.333	4.	3.	0.233	0.483	3.	3.	4.	4.
31678	LOG FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATI	08/10/73-12/01/78	21	0.477	0.519	0.602	0.477	0.004	0.06	0.477	0.477	0.602	0.602
31678	GM FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATIO	GEOMETRIC MEAN =			3.302								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	184	11115.	6879.25	11640.	0.	24615920.473	4961.443	1313.5	1422.	11329.75	11448.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0284

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	161	7	0.04	38	0	0.00	52	6	0.12	71	1	0.01			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	154	10	0.06	31	1	0.03	52	3	0.06	71	6	0.08			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1973 - Station GATE0284

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	7	5.	6.	12.	3.	8.	2.828	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	7	9.	21.429	93.	4.	1025.286	32.02	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	7	0.954	1.07	1.968	0.602	0.203	0.451	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			11.755								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	7	1430.	5521.429	11115.	1130.	27111805.952	5206.9	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station GATE0284

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	7	6.	6.714	15.	0.	34.238	5.851	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	7	150.	145.	240.	9.	9784.	98.914	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	7	2.176	1.982	2.38	0.954	0.282	0.531	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			95.906								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	7	15.	24.286	75.	4.	662.238	25.734	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	7	1.176	1.196	1.875	0.602	0.187	0.433	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			15.7								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	7	1500.	4252.857	11345.	1245.	23482432.143	4845.868	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GATE0284

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	10	7.5	8.3	20.	0.	34.9	5.908	0.2	4.25	11.25	19.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	10	68.	122.15	460.	1.5	22039.336	148.457	1.65	7.5	240.	438.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	10	1.801	1.619	2.663	0.176	0.702	0.838	0.206	0.835	2.38	2.635
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			41.612								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	10	33.	71.2	240.	1.5	8659.011	93.054	1.5	3.375	129.75	240.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	10	1.498	1.367	2.38	0.176	0.664	0.815	0.176	0.496	2.071	2.38
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			23.3								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	10	1457.5	5340.5	11515.	1200.	26304330.278	5128.775	1210.	1375.	11208.75	11503.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GATE0284

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	10	26.	24.9	30.	10.	32.1	5.666	11.4	24.	28.25	29.9
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	9	3.	4.111	15.	1.	21.361	4.622	1.	1.	5.5	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	9	23.	549.444	2400.	9.	1100943.528	1049.259	9.	9.	1221.5	2400.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	9	1.362	1.69	3.38	0.954	0.999	1.	0.954	0.954	2.507	3.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			48.929								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	9	4.	152.722	1100.	1.5	132238.069	363.646	1.5	3.5	124.5	1100.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	9	0.602	1.088	3.041	0.176	0.929	0.964	0.176	0.54	1.667	3.041
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.238								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	10	11330.	9399.5	11630.	1330.	17942280.278	4235.833	1337.	8825.	11458.75	11617.

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Annual Analysis for 1978 - Station GATE0284

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	7	16.	19.	32.	6.	95.667	9.781	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	7	5.	4.143	10.	0.	10.81	3.288	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	7	23.	521.	2400.	4.	846608.667	920.113	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	7	1.362	1.76	3.38	0.602	1.218	1.104	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			57.5								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	7	9.	20.143	93.	4.	1046.143	32.344	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	7	0.954	1.015	1.968	0.602	0.219	0.468	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.342								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	7	11300.	7107.143	11430.	1345.	27876432.143	5279.814	**	**	**	**

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Annual Analysis for 1979 - Station GATE0284

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	9	26.	26.556	36.	15.	45.778	6.766	15.	22.	32.	36.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	9	5.	4.889	10.	2.	6.611	2.571	2.	2.5	6.5	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	9	11.	135.278	460.	1.5	39616.194	199.038	1.5	6.5	350.	460.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	9	1.041	1.422	2.663	0.176	0.851	0.922	0.176	0.778	2.521	2.663
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			26.407								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	9	9.	57.778	240.	1.5	10684.382	103.365	1.5	2.75	125.5	240.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	9	0.954	1.03	2.38	0.176	0.685	0.828	0.176	0.389	1.711	2.38
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.706								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	9	11300.	6983.889	11615.	1345.	27947736.111	5286.562	1345.	1387.5	11472.5	11615.

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Annual Analysis for 1980 - Station GATE0284

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	6	18.5	17.167	28.	0.	108.967	10.439	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	6	1.5	3.	10.	0.	16.	4.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	6	80.5	289.833	1100.	9.	188072.567	433.673	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	6	1.609	1.805	3.041	0.954	0.887	0.942	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			63.829								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	6	7.5	58.917	240.	1.5	9115.442	95.475	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	6	0.822	1.128	2.38	0.176	0.748	0.865	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			13.439								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	6	11400.	8134.167	11600.	1345.	26920564.167	5188.503	**	**	**	**

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Annual Analysis for 1981 - Station GATE0284

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	11	15.	16.364	30.	6.	70.255	8.382	6.2	9.	23.	29.8
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	11	3.	3.636	10.	0.	10.055	3.171	0.	1.	7.	9.4
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	11	4.	13.455	43.	1.5	256.423	16.013	1.5	3.	23.	43.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	11	0.602	0.833	1.633	0.176	0.29	0.539	0.176	0.477	1.362	1.633
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			6.804								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	11	3.	8.045	43.	1.5	173.423	13.169	1.5	1.5	4.	39.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	11	0.477	0.56	1.633	0.176	0.254	0.504	0.176	0.176	0.602	1.579
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.63								

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Annual Analysis for 1981 - Station GATE0284

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	11	1514.	4132.818	11330.	1246.	21319071.564	4617.258	1256.8	1351.	11300.	11330.

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Annual Analysis for 1982 - Station GATE0284

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	10	17.	17.7	35.	9.	59.344	7.704	9.2	11.75	20.5	34.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	10	5.	4.9	8.	1.	4.989	2.234	1.2	3.	6.5	8.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	9	21.	43.889	150.	9.	2223.361	47.153	9.	15.	67.	150.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	9	1.322	1.459	2.176	0.954	0.165	0.406	0.954	1.176	1.796	2.176
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			28.764								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	9	15.	21.889	91.	3.	765.861	27.674	3.	6.5	25.5	91.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	9	1.176	1.115	1.959	0.477	0.205	0.453	0.477	0.778	1.366	1.959
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			13.019								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	10	6433.5	6409.5	11522.	1336.	27415257.611	5235.958	1342.5	1415.25	11351.25	11505.6

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Annual Analysis for 1983 - Station GATE0284

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	11	16.	17.727	29.	7.	47.018	6.857	7.8	12.	23.	28.4
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	11	5.	5.273	10.	1.	11.018	3.319	1.2	2.	8.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	11	23.	80.591	430.	1.5	17605.341	132.685	3.	9.	72.	390.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	11	1.362	1.443	2.633	0.176	0.472	0.687	0.332	0.954	1.857	2.579
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			27.748								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	11	15.	21.591	93.	1.5	691.441	26.295	2.	4.	23.	83.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	11	1.176	1.091	1.968	0.176	0.25	0.5	0.261	0.602	1.362	1.901
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.335								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	11	1612.	5942.818	11609.	1259.	27350276.964	5229.749	1271.	1319.	11436.	11588.6

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Annual Analysis for 1984 - Station GATE0284

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	15	17.	16.933	30.	4.	69.924	8.362	5.2	8.	23.	29.4
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	15	5.	5.867	12.	1.	13.695	3.701	1.6	3.	10.	11.4
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	15	15.	84.767	930.	1.5	55584.638	235.764	1.5	3.	43.	427.8
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	15	1.176	1.161	2.968	0.176	0.609	0.78	0.176	0.477	1.633	2.368
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			14.478								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	15	4.	13.9	93.	1.5	602.864	24.553	1.5	1.5	9.	63.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	15	0.602	0.733	1.968	0.176	0.325	0.57	0.176	0.176	0.954	1.767
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.404								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	15	11155.	9256.2	11428.	1335.	16336686.6	4041.867	1384.2	11021.	11304.	11411.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GATE0284

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	10	18.5	19.6	31.	9.	59.378	7.706	9.1	13.	26.5	30.7
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	10	4.5	4.6	9.	1.	8.489	2.914	1.1	2.	8.	8.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	10	23.	280.2	2400.	1.5	559782.789	748.186	1.5	2.625	127.25	2183.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	10	1.362	1.323	3.38	0.176	1.066	1.033	0.176	0.402	2.067	3.278
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			21.023								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	10	4.	36.1	230.	1.5	5429.322	73.684	1.5	1.5	34.5	216.3
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	10	0.602	0.837	2.362	0.176	0.621	0.788	0.176	0.176	1.374	2.322
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.869								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	10	11214.	7324.7	11401.	1219.	26193111.122	5117.921	1231.2	1410.	11329.	11395.3

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Annual Analysis for 1986 - Station GATE0284

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	10	13.5	17.3	32.	4.	121.122	11.006	4.2	7.5	29.	31.7
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	10	3.	4.8	12.	1.	19.067	4.367	1.	1.75	10.25	11.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	10	42.	219.55	1100.	1.5	147492.914	384.048	1.75	5.5	300.	1065.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	10	1.415	1.529	3.041	0.176	0.987	0.993	0.219	0.734	2.351	3.025
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			33.82								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	10	4.	67.45	460.	1.5	21170.858	145.502	1.5	1.5	69.75	429.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	10	0.602	0.946	2.663	0.176	0.8	0.894	0.176	0.176	1.769	2.614
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.831								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	10	6271.5	6294.8	11640.	1207.	28283479.956	5318.222	1207.2	1223.25	11267.25	11610.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GATE0284

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	7	15.	17.286	33.	9.	69.571	8.341	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	10	2.	3.6	9.	1.	10.933	3.307	1.	1.	8.	8.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	10	12.	36.85	150.	1.5	2642.392	51.404	1.5	1.5	79.5	144.3
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	10	1.065	1.07	2.176	0.176	0.574	0.757	0.176	0.176	1.898	2.155
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			11.747								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	10	5.	15.6	75.	1.5	597.933	24.453	1.5	1.5	22.	71.8
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	10	0.661	0.756	1.875	0.176	0.404	0.636	0.176	0.176	1.29	1.851
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.697								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	10	11225.5	10248.3	11504.	1338.	9821971.567	3134.002	2306.9	11042.75	11295.75	11494.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GATE0284

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	8	21.	19.	31.	2.	114.857	10.717	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	8	4.	4.75	12.	1.	11.357	3.37	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	8	6.5	43.688	230.	1.5	6272.781	79.201	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	8	0.778	1.051	2.362	0.176	0.572	0.756	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			11.253								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	8 ##	2.25	31.5	230.	1.5	6439.571	80.247	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	8 ##	0.327	0.637	2.362	0.176	0.565	0.751	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.339								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GATE0284

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	8	6324.5	6399.625	11522.	1406.	27737210.554	5266.613	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0284

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	7	18.	17.571	29.	1.	97.952	9.897	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	7	2.	3.143	8.	1.	7.143	2.673	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	7	9.	107.286	460.	3.	31562.905	177.66	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	7	0.954	1.376	2.663	0.477	0.685	0.828	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			23.795								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	7	7.	18.071	93.	1.5	1100.202	33.169	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	7	0.845	0.854	1.968	0.176	0.321	0.567	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.143								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	7	1545.	5721.857	11446.	1412.	27927565.81	5284.654	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0284

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	8	19.5	20.5	31.	10.	70.857	8.418	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	8	3.5	3.625	8.	1.	5.696	2.387	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	2 ##	3.75	3.75	6.	1.5	10.125	3.182	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	2 ##	0.477	0.477	0.778	0.176	0.181	0.426	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			3.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	2 ##	0.176	0.176	0.176	0.176	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.5								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	8	6333.	6329.375	11432.	1323.	27959503.125	5287.675	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0284

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	8	17.5	18.625	30.	11.	50.268	7.09	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	8	6.5	6.125	12.	1.	17.839	4.224	**	**	**	**
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	8	11232.5	7656.75	11551.	1318.	26101019.357	5108.916	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0284

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	7	22.	19.	28.	7.	77.333	8.794	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	7	4.	4.429	12.	1.	13.619	3.69	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	3	4.	4.167	7.	1.5	7.583	2.754	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	3	0.602	0.541	0.845	0.176	0.115	0.339	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			3.476								

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Annual Analysis for 1992 - Station GATE0284

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	3 ##	1.5	2.333	4.	1.5	2.083	1.443	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	3 ##	0.176	0.318	0.602	0.176	0.06	0.246	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.08								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	7	11129.	7015.714	11427.	1130.	27919896.905	5283.928	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station GATE0284

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	5	25.	25.4	27.	24.	1.3	1.14	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	5	4.	3.6	5.	1.	2.3	1.517	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	3	21.	15.167	23.	1.5	141.083	11.878	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	3	1.322	0.953	1.362	0.176	0.453	0.673	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			8.981								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	3	15.	13.167	23.	1.5	118.083	10.867	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	3	1.176	0.905	1.362	0.176	0.407	0.638	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.029								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	5	1015.	4695.	11404.	0.	35775363.	5981.251	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station GATE0284

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	6	18.5	18.5	24.	13.	19.5	4.416	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	6	1.	1.5	4.	0.	1.9	1.378	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	5	9.	23.3	93.	1.5	1528.7	39.099	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	5	0.954	0.931	1.968	0.176	0.439	0.662	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			8.531								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	5	4.	4.	9.	1.5	9.375	3.062	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	5	0.602	0.502	0.954	0.176	0.109	0.331	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.178								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	6	11060.	7927.167	11512.	1012.	26333694.567	5131.637	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station GATE0284

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	2	20.25	20.25	26.5	14.	78.125	8.839	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	2	4.5	4.5	8.	1.	24.5	4.95	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	2 ##	5.25	5.25	9.	1.5	28.125	5.303	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	2 ##	0.565	0.565	0.954	0.176	0.303	0.55	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			3.674								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	2 ##	5.25	5.25	9.	1.5	28.125	5.303	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	2 ##	0.565	0.565	0.954	0.176	0.303	0.55	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.674								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	2	6408.5	6408.5	11305.	1512.	47951424.5	6924.697	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0284

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	13	23.3	22.585	25.	16.	5.721	2.392	17.6	21.85	23.95	25.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	36	23.	22.194	36.	7.	44.447	6.667	13.1	17.25	26.75	30.3
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	45	4.	4.822	12.	0.	9.559	3.092	1.	2.5	6.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	38	9.	43.382	460.	1.5	8100.033	90.	1.5	3.75	23.	158.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	38	0.954	1.061	2.663	0.176	0.467	0.683	0.176	0.571	1.362	2.195
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			11.505								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	31	4.	19.935	230.	1.5	2045.512	45.227	1.5	1.5	15.	83.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	31	0.602	0.777	2.362	0.176	0.368	0.607	0.176	0.176	1.176	1.901
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.988								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	45	11114.	7311.244	11522.	1130.	23774436.962	4875.904	1321.4	1430.	11252.5	11432.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0284

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	20	5.	4.13	10.	-0.6	9.83	3.135	0.65	1.25	7.75	0.26
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	47	10.	10.085	17.	0.	17.384	4.169	4.	8.	13.	16.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	59	4.	5.	20.	0.	20.31	4.507	0.	1.	8.	11.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	52	23.	246.038	2400.	1.5	354464.675	595.369	1.5	6.25	93.	1100.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	52	1.362	1.475	3.38	0.176	0.831	0.911	0.176	0.795	1.968	3.041
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			29.859								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	52	8.	36.125	460.	1.5	6093.822	78.063	1.5	1.5	41.25	93.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	52	0.9	0.951	2.663	0.176	0.506	0.711	0.176	0.176	1.614	1.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.936								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	59	1609.	6119.407	11630.	1012.	25049310.728	5004.929	1309.	1400.	11329.	11507.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0284

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	32	19.15	17.253	23.	0.	33.766	5.811	10.3	16.	21.	22.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	74	26.	23.601	35.	10.	37.185	6.098	14.5	18.75	28.	30.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	79	4.	4.532	15.	0.	11.38	3.373	1.	2.	7.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	71	15.	124.683	2400.	1.5	106783.78	326.778	1.8	7.	75.	454.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	71	1.176	1.349	3.38	0.176	0.627	0.792	0.236	0.845	1.875	2.657
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			22.315								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	71	4.	44.451	1100.	1.5	20112.365	141.818	1.5	3.	15.	138.6
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	71	0.602	0.912	3.041	0.176	0.47	0.686	0.176	0.477	1.176	2.135
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.159								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	80	11212.5	7196.638	11640.	0.	24750091.221	4974.946	1263.1	1422.5	11340.5	11494.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0285

NPS Station ID: GATE0285
LAT/LON: 40.445281/ -74.012226
Agency: 31ISC2RS
Date Created: / /
Location: SANDY HOOK BAY
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): RSH-4 /RB-04 /RB04 /4404
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METROPOLITAN AREA
ECO Region:
RF1 Index: 02030104006
RF1 Mile Point: 6.300
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
EAST-WEST RANGE-- LARGEST RADAR DOME ON SANDY HOOK AND SOUTH OF FISH NET POLES
NORTH-SOUTH RANGE-- LINE OF FLASHING WHITE BELL BUOY AT SANDY HOOK POINT AND R"2" BELL BUOY
OFF NAVESINK PARK

Parameter Inventory for Station: GATE0285

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/71-08/02/77	18	22.5	22.617	24.4	21.2	0.869	0.932	21.47	21.975	23.35	24.04
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/12/71-07/22/71	8	17.5	17.5	25.	12.	18.571	4.309	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/02/77-08/02/77	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/02/77-08/02/77	1	43000.	43000.	43000.	43000.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/12/71-08/02/77	18	8.9	8.694	11.3	6.4	1.128	1.062	7.3	8.075	9.325	9.77
00400	PH (STANDARD UNITS)	07/12/71-07/26/71	17	7.4	7.424	8.2	6.8	0.173	0.416	6.8	7.1	7.8	7.88
00400	CONVERTED PH (STANDARD UNITS)	07/12/71-07/26/71	17	7.4	7.249	8.2	6.8	0.206	0.453	6.8	7.1	7.8	7.88
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/12/71-07/26/71	17	0.04	0.056	0.158	0.006	0.003	0.05	0.014	0.016	0.079	0.158
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/12/71-07/19/71	2	3.32	3.32	4.44	2.2	2.509	1.584	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/12/71-07/26/71	8	0.07	0.126	0.5	0.04	0.024	0.155	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/12/71-07/26/71	8	0.36	0.371	0.52	0.28	0.007	0.086	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/12/71-08/02/77	14	10.	9.429	12.	6.	3.648	1.91	6.5	8.	11.	12.
00690	CARBON, TOTAL (MG/L AS C)	07/12/71-08/02/77	14	34.	33.857	37.	28.	4.901	2.214	30.	32.75	35.25	36.5
00940	CHLORIDE,TOTAL IN WATER MG/L	07/12/71-07/22/71	14	14500.	14214.286	15500.	11500.	1681318.681	1296.657	11750.	13375.	15500.	15500.
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/02/77-08/02/77	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	07/12/71-08/02/77	8	0.55	0.638	1.	0.4	0.054	0.233	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/02/77-08/02/77	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/12/71-08/02/77	8 ##	5.	4.688	5.	2.5	0.781	0.884	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	08/02/77-08/02/77	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/12/71-08/02/77	8	56.	56.5	80.	40.	154.	12.41	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	08/02/77-08/02/77	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/19/71-08/02/77	5	2.	9.	35.	2.	212.	14.56	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	08/02/77-08/02/77	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	07/13/71-08/02/77	7	48.	42.857	72.	10.	465.143	21.567	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/02/77-08/02/77	1	113.	113.	113.	113.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	07/12/71-08/02/77	8	48.	57.125	141.	10.	1631.839	40.396	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/12/71-07/26/71	16	3.	6.25	44.	0.	119.8	10.945	0.	0.	8.75	23.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/12/71-07/26/71	16	0.477	0.502	1.643	0.	0.256	0.506	0.	0.	0.941	1.295
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.177								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/02/77-08/02/77	1	16.	16.	16.	16.	0.	0.	**	**	**	**
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	08/02/77-08/02/77	1	9.	9.	9.	9.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GATE0285

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	08/02/77-08/02/77	1	25.	25.	25.	25.	0.	0.	**	**	**	**
32230	CHLOROPHYLL A (MG/L)	07/15/71-07/22/71	2	0.01	0.01	0.014	0.006	0.	0.006	**	**	**	**
70204	TIDE, DURATION BETWEEN ADJ. HIGHS OR LOWS (HOURS)	07/12/71-07/26/71	17	12.4	12.441	12.6	12.2	0.026	0.162	12.2	12.3	12.6	12.6
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	07/12/71-07/26/71	17	11236.	11115.118	11942.	10007.	417211.735	645.919	10027.8	10621.5	11610.5	11914.8
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/12/71-07/26/71	8	0.165	0.164	0.22	0.12	0.001	0.034	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	07/13/71-08/02/77	7	0.2	0.293	0.8	0.05	0.06	0.246	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0285

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	8	0	0.00							8	0	0.00			
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	18	0	0.00	1	0	0.00				17	0	0.00			
00400	PH	Other-Hi Lim.	9.	17	0	0.00							17	0	0.00			
		Other-Lo Lim.	6.5	17	0	0.00							17	0	0.00			
01025	CADMIUM, DISSOLVED	Marine Acute	43.	1	0	0.00	1	0	0.00									
01027	CADMIUM, TOTAL	Marine Acute	43.	8	0	0.00	1	0	0.00				7	0	0.00			
01040	COPPER, DISSOLVED	Marine Acute	2.9	1	1	1.00	1	1	1.00									
01042	COPPER, TOTAL	Marine Acute	2.9	8	8	1.00	1	1	1.00				7	7	1.00			
01049	LEAD, DISSOLVED	Marine Acute	220.	1	0	0.00	1	0	0.00									
01051	LEAD, TOTAL	Marine Acute	220.	5	0	0.00	1	0	0.00				4	0	0.00			
01065	NICKEL, DISSOLVED	Marine Acute	75.	1	0	0.00	1	0	0.00									
01067	NICKEL, TOTAL	Marine Acute	75.	7	0	0.00	1	0	0.00				6	0	0.00			
01090	ZINC, DISSOLVED	Marine Acute	95.	1	1	1.00	1	1	1.00									
01092	ZINC, TOTAL	Marine Acute	95.	8	1	0.13	1	1	1.00				7	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	16	0	0.00							16	0	0.00			
71900	MERCURY, TOTAL	Marine Acute	2.1	7	0	0.00	1	0	0.00				6	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0286

NPS Station ID: GATE0286 LAT/LON: 40.378615/ -74.012226 Agency: 21NJDEP1 Date Created: 08/08/81
Location: NAVESINK RIVER FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): 100080019C /1013C /SF03080
RMI-Indexes: 0133006 000020 Within Park Boundary: No
RMI-Miles: 0001.70 0001.90
HUC: 02030104 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST MAJOR BASIN Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA ECO Region:
RF1 Index: 02030104008 RF1 Mile Point: 1.740 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J. TIDE CORRECTION (H/L): (+1:09/+1:45)
ASSOCIATED NOAA WEATHER STATION: 4987

Parameter Inventory for Station: GATE0286

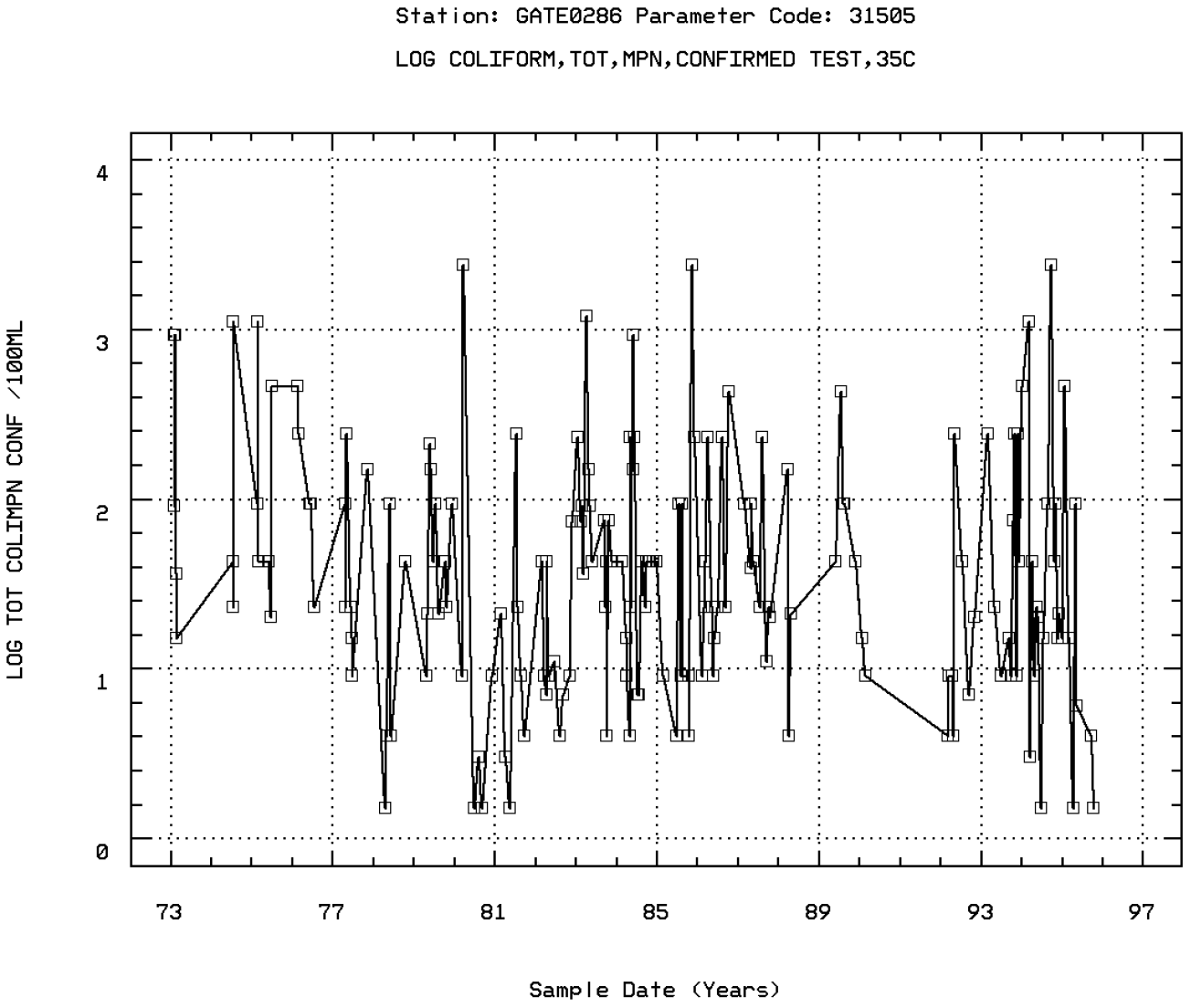
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-10/17/95	54	15.	14.067	28.	0.	64.955	8.059	2.5	5.6	21.1	23.15
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	193	16.	16.372	32.	0.	60.729	7.793	6.	10.	22.	27.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	210	7.	7.348	20.	0.	22.324	4.725	1.	3.	10.	14.
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	179	36.	146.025	2400.	1.5	132551.155	364.076	4.	9.	93.	240.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	179	1.556	1.543	3.38	0.176	0.508	0.713	0.602	0.954	1.968	2.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			34.902								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	174	9.	47.713	2400.	1.5	37409.66	193.416	1.5	4.	24.75	93.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	174	0.954	1.09	3.38	0.176	0.397	0.63	0.176	0.602	1.391	1.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.302								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	30	9.1	40.227	460.	1.5	8489.832	92.14	1.5	3.6	28.	93.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/88-08/08/95	30	0.959	1.042	2.663	0.176	0.439	0.663	0.176	0.556	1.43	1.968
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			11.006								
31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	02/05/73-10/16/78	13	4.	5.231	11.	3.	11.026	3.32	3.	3.	7.5	11.
31678	LOG FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATI	02/05/73-10/16/78	13	0.602	0.655	1.041	0.477	0.052	0.227	0.477	0.477	0.822	1.041
31678	GM FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATIO	GEOMETRIC MEAN =			4.523								
70211p	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	212	11114.	6724.137	11656.	1015.	24976530.052	4997.652	1200.	1327.	11304.5	11457.7

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

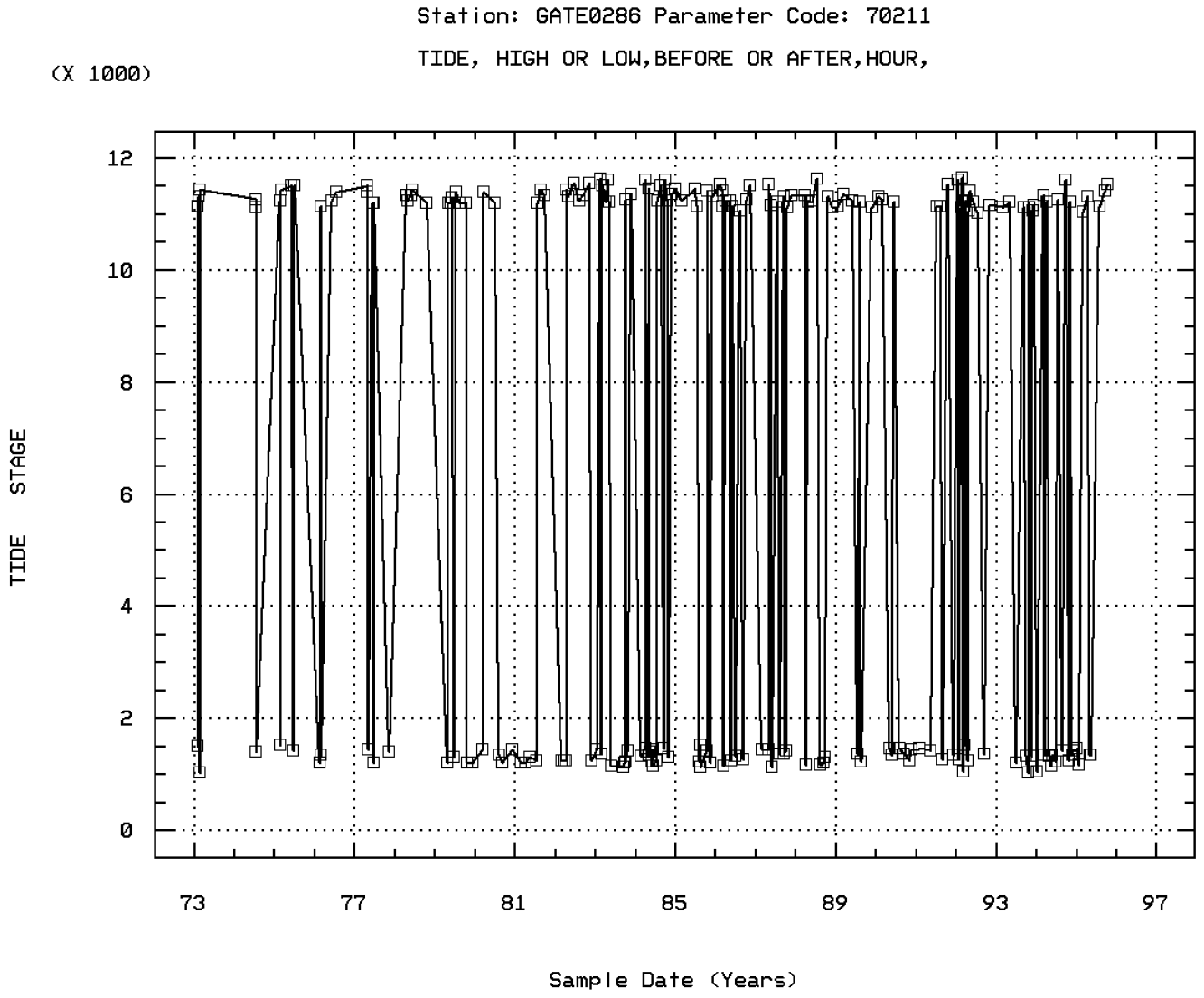
EPA Water Quality Criteria Analysis for Station: GATE0286

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	179	7	0.04	44	1	0.02	57	4	0.07	78	2	0.03			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	174	8	0.05	44	2	0.05	52	2	0.04	78	4	0.05			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



NAVESINK RIVER



NAVESINK RIVER

Annual Analysis for 1973 - Station GATE0286

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	5	4.	3.6	6.	0.	5.3	2.302	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	5	91.	400.4	930.	15.	234500.3	484.252	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	5	1.959	2.126	2.968	1.176	0.669	0.818	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			133.561								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	5	11130.	7278.	11430.	1015.	30246207.5	5499.655	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station GATE0286

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	3	10.	8.333	10.	5.	8.333	2.887	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	3	43.	388.667	1100.	23.	379596.333	616.114	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	3	1.633	2.012	3.041	1.362	0.813	0.902	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			102.848								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	3	43.	175.333	460.	23.	60876.333	246.731	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	3	1.633	1.886	2.663	1.362	0.471	0.686	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			76.91								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	3	11115.	7920.	11245.	1400.	31887025.	5646.86	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GATE0286

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	6	17.5	15.	20.	5.	40.	6.325	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	6	68.	293.167	1100.	20.	183733.367	428.641	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	6	1.801	2.04	3.041	1.301	0.454	0.674	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			109.673								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	6	23.	17.083	23.	1.5	89.642	9.468	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	6	1.362	1.096	1.362	0.176	0.23	0.479	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.48								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	6	11330.	8100.833	11515.	1415.	26431894.167	5141.196	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station GATE0286

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	3	27.2	26.9	28.	25.5	1.63	1.277	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	4	4.5	3.75	5.	1.	3.583	1.893	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	6	166.5	191.5	460.	23.	24918.7	157.857	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	6	2.174	2.12	2.663	1.362	0.21	0.458	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			131.921								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	6	93.	82.5	150.	23.	1997.5	44.693	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	6	1.968	1.846	2.176	1.362	0.087	0.295	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			70.165								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	5	11145.	7261.	11400.	1200.	29970555.	5474.537	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GATE0286

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	8	16.	18.375	28.	10.	70.268	8.383	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	6	4.	4.333	10.	1.	10.267	3.204	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	7	23.	79.	240.	9.	7737.667	87.964	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	7	1.362	1.626	2.38	0.954	0.297	0.545	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			42.219								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	7	15.	24.071	93.	1.5	995.869	31.557	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	7	1.176	1.086	1.968	0.176	0.336	0.58	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.184								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	7	11200.	7047.143	11500.	1200.	28483223.81	5336.968	**	**	**	**

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Annual Analysis for 1978 - Station GATE0286

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	5	16.	17.8	24.	12.	25.2	5.02	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	5	5.	5.6	10.	0.	14.3	3.782	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	5	4.	29.1	93.	1.5	1574.55	39.681	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	5	0.602	0.996	1.968	0.176	0.584	0.764	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			9.918								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	5	4.	20.8	93.	1.5	1630.575	40.38	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	5	0.602	0.705	1.968	0.176	0.544	0.738	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.069								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	5	11330.	11304.	11430.	11200.	8380.	91.542	**	**	**	**

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Annual Analysis for 1979 - Station GATE0286

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	10	21.	19.1	28.	4.	52.989	7.279	4.8	13.5	24.25	27.7
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	10	7.5	7.	12.	2.	17.111	4.137	2.1	3.	10.5	12.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	10	43.	70.6	210.	9.	4360.489	66.034	10.2	21.	107.25	204.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	10	1.633	1.666	2.322	0.954	0.19	0.436	0.991	1.322	2.02	2.308
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			46.373								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	10	22.	26.9	93.	3.	751.656	27.416	3.1	6.25	43.	88.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	10	1.342	1.216	1.968	0.477	0.233	0.483	0.49	0.784	1.633	1.935
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			16.442								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	10	11200.	7240.	11400.	1200.	26804888.889	5177.344	1200.	1200.	11225.	11390.

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Annual Analysis for 1980 - Station GATE0286

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	6	14.	15.5	27.	6.	77.5	8.803	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	6	6.5	6.5	10.	4.	5.5	2.345	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	6	6.	404.	2400.	1.5	956175.9	977.842	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	6	0.716	1.02	3.38	0.176	1.46	1.208	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			10.463								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	6	## 2.75	18.417	93.	1.5	1343.542	36.654	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	6	## 0.389	0.676	1.968	0.176	0.501	0.708	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.737								

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Annual Analysis for 1980 - Station GATE0286

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	6	1430.	4665.	11400.	1200.	26425070.	5140.532	**	**	**	**

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Annual Analysis for 1981 - Station GATE0286

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	7	20.	21.	31.	10.	41.667	6.455	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	7	10.	9.714	15.	3.	20.571	4.536	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	7	9.	43.071	240.	1.5	7615.369	87.266	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	7	0.954	1.039	2.38	0.176	0.54	0.735	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			10.942								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	7	4.	11.929	43.	1.5	247.619	15.736	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	7	0.602	0.726	1.633	0.176	0.367	0.606	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.317								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	7	1300.	5555.714	11430.	1200.	29079161.905	5392.51	**	**	**	**

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Annual Analysis for 1982 - Station GATE0286

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	10	15.5	15.8	26.	4.	43.956	6.63	4.4	11.75	21.25	25.6
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	10	5.5	6.4	15.	1.	18.711	4.326	1.2	3.	10.	14.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	10	9.	21.5	73.	4.	542.5	23.292	4.3	7.	43.	70.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	10	0.954	1.133	1.863	0.602	0.176	0.42	0.626	0.845	1.633	1.84
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			13.573								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	10	7.	13.45	73.	1.5	450.692	21.229	1.75	4.	10.5	67.2
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	10	0.845	0.875	1.863	0.176	0.191	0.436	0.219	0.602	1.01	1.795
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.506								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	10	11280.	7339.	11553.	1236.	27549574.	5248.769	1236.	1244.25	11461.25	11552.3

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Annual Analysis for 1983 - Station GATE0286

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	14	15.5	13.429	22.	0.	45.802	6.768	2.5	7.5	18.75	21.5
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	14	11.	9.786	15.	1.	27.874	5.28	1.	5.75	15.	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	14	74.	155.5	1200.	4.	93646.577	306.017	13.5	41.25	105.75	715.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	14	1.869	1.826	3.079	0.602	0.301	0.549	0.982	1.614	2.013	2.72
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			67.044								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	14	26.5	45.	230.	4.	3301.077	57.455	4.	15.	50.5	152.5
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	14	1.419	1.426	2.362	0.602	0.219	0.468	0.602	1.176	1.691	2.118
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			26.672								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	14	6327.	6334.5	11622.	1116.	27634483.808	5256.851	1132.5	1213.25	11390.75	11618.

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Annual Analysis for 1984 - Station GATE0286

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	17	19.	18.235	31.	2.	66.566	8.159	6.8	12.	25.	29.4
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	17	9.	8.235	15.	1.	21.191	4.603	1.8	3.5	12.	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	17	43.	110.941	930.	4.	49783.559	223.122	6.4	12.	96.5	370.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	17	1.633	1.577	2.968	0.602	0.388	0.623	0.796	1.065	1.905	2.483
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			37.787								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	17	15.	55.235	430.	1.5	12443.004	111.548	1.5	2.75	33.	270.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	17	1.176	1.126	2.633	0.176	0.577	0.76	0.176	0.389	1.498	2.416
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			13.38								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	17	1446.	5488.647	11610.	1143.	26245597.118	5123.046	1208.6	1316.	11402.	11607.6

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Annual Analysis for 1985 - Station GATE0286

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	11	18.	19.273	32.	7.	58.418	7.643	7.8	12.	26.	30.8
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	11	3.	4.909	15.	2.	17.491	4.182	2.	2.	8.	13.8
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	11	9.	263.909	2400.	4.	506627.491	711.778	4.	9.	93.	1966.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	11	0.954	1.485	3.38	0.602	0.754	0.868	0.602	0.954	1.968	3.177
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			30.539								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	11	9.	49.682	430.	1.5	16061.764	126.735	1.5	1.5	23.	352.6
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	11	0.954	0.982	2.633	0.176	0.543	0.737	0.176	0.176	1.362	2.433
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.586								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	11	11136.	6773.364	11458.	1128.	27506136.455	5244.629	1143.2	1225.	11412.	11457.8

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Annual Analysis for 1986 - Station GATE0286

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	13	19.	16.	29.	5.	74.167	8.612	5.4	6.5	22.5	28.2
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	13	4.	5.538	14.	1.	17.603	4.196	1.	2.5	9.	13.2
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	12	23.	91.75	430.	9.	17807.659	133.445	9.	17.	183.25	370.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	12	1.362	1.596	2.633	0.954	0.316	0.562	0.954	1.223	2.18	2.552
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			39.471								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	12	12.	36.958	230.	1.5	4295.203	65.538	2.25	5.25	23.	188.9
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	12	1.065	1.153	2.362	0.176	0.358	0.598	0.304	0.69	1.362	2.244
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			14.219								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	13	11140.	8186.692	11526.	1141.	23277081.564	4824.633	1179.4	1284.5	11331.	11519.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GATE0286

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	8	13.	13.	22.	7.	24.571	4.957	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	12	5.	6.667	15.	1.	27.697	5.263	1.	1.25	11.5	14.7
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	9	39.	63.889	230.	11.	4801.361	69.292	11.	21.5	93.	230.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	9	1.591	1.621	2.362	1.041	0.17	0.413	1.041	1.331	1.968	2.362
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			41.784								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	9	9.	16.333	43.	4.	163.75	12.796	4.	6.5	23.	43.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	9	0.954	1.087	1.633	0.602	0.131	0.362	0.602	0.778	1.362	1.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.226								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GATE0286

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	12	6279.	6315.	11538.	1123.	26885778.545	5185.15	1192.9	1369.5	11285.	11477.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GATE0286

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	10	14.5	15.	26.	6.	42.	6.481	6.3	9.75	19.	25.9
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	10	6.	5.7	10.	0.	7.789	2.791	0.3	4.5	8.	9.8
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	3	21.	58.333	150.	4.	6374.333	79.839	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	3	1.322	1.367	2.176	0.602	0.621	0.788	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			23.27								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	3	4.	5.667	9.	4.	8.333	2.887	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	3	0.602	0.719	0.954	0.602	0.041	0.203	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.241								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	10	11160.5	7265.4	11621.	1155.	27220254.933	5217.303	1155.1	1193.5	11321.5	11592.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0286

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	7	21.	19.571	28.	5.	74.619	8.638	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	7	5.	6.286	15.	1.	25.905	5.09	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	5	93.	140.4	430.	43.	26833.8	163.81	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	5	1.968	1.967	2.633	1.633	0.167	0.408	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			92.784								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	5	43.	116.4	430.	23.	30807.8	175.522	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	5	1.633	1.779	2.633	1.362	0.242	0.492	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			60.134								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	7	11145.	8376.857	11358.	1220.	23477843.476	4845.394	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0286

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	9	19.	16.556	25.	5.	53.778	7.333	5.	8.5	22.5	25.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	9	10.	9.778	15.	4.	17.194	4.147	4.	6.	14.5	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	2	12.	12.	15.	9.	18.	4.243	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	2	1.065	1.065	1.176	0.954	0.025	0.157	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			11.619								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	2	4.	4.	4.	4.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	2	0.602	0.602	0.602	0.602	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	9	1447.	4670.556	11312.	1230.	24407391.028	4940.384	1230.	1348.	11229.5	11312.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0286

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	7	24.	20.286	30.	6.	88.905	9.429	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	7	8.	7.857	14.	1.	17.143	4.14	**	**	**	**
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	7	1453.	5609.857	11526.	1254.	28016942.476	5293.103	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0286

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	14	9.5	12.571	29.	3.	65.187	8.074	4.	6.	19.25	26.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	14	7.5	7.214	15.	1.	21.72	4.66	1.	2.	10.5	14.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	8	9.	42.	240.	4.	6568.571	81.047	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	8	0.954	1.159	2.38	0.602	0.363	0.602	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			14.423								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	8	4.	6.125	23.	1.5	49.482	7.034	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	8	0.602	0.621	1.362	0.176	0.142	0.377	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.177								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	14	11083.	7705.5	11656.	1052.	24727302.885	4972.656	1143.5	1332.5	11274.75	11631.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station GATE0286

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	10	13.5	15.2	32.	5.	63.511	7.969	5.4	9.	20.25	31.2
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	10	5.5	6.2	14.	1.	16.622	4.077	1.2	3.	8.25	13.8
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	10	33.	90.3	240.	9.	11081.122	105.267	9.	9.	240.	240.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	10	1.498	1.605	2.38	0.954	0.377	0.614	0.954	0.954	2.38	2.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			40.269								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	10	9.	21.5	93.	4.	763.833	27.638	4.3	8.5	28.	88.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	10	0.954	1.118	1.968	0.602	0.169	0.411	0.626	0.927	1.43	1.935
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			13.128								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	10	11082.	7160.6	11209.	1032.	26205723.822	5119.153	1049.1	1281.75	11124.	11203.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station GATE0286

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	15	15.	14.533	27.	0.	61.981	7.873	3.	7.	20.	27.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	15	10.	7.6	14.	1.	29.971	5.475	1.	1.	14.	14.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	15	23.	289.3	2400.	1.5	424935.064	651.87	2.4	15.	93.	1620.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	15	1.362	1.616	3.38	0.176	0.781	0.884	0.357	1.176	1.968	3.177
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			41.26								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	15	9.	174.933	2400.	1.5	379122.745	615.729	1.5	7.	43.	985.8
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	15	0.954	1.152	3.38	0.176	0.59	0.768	0.176	0.845	1.633	2.332
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			14.19								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	15	1345.	4630.467	11604.	1052.	24020030.124	4901.023	1106.	1244.	11221.	11440.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station GATE0286

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	9	13.	12.	24.	1.	70.25	8.382	1.	2.5	19.	24.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	9	10.	10.667	14.	2.	14.	3.742	2.	10.	14.	14.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	8	10.5	74.5	460.	1.5	25193.357	158.724	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	8	0.977	1.089	2.663	0.176	0.752	0.867	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			12.288								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	8	4.	13.438	43.	1.5	339.031	18.413	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	8	0.602	0.744	1.633	0.176	0.376	0.613	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.549								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	9	11036.	6855.222	11529.	1152.	27603616.194	5253.914	1152.	1334.	11363.	11529.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0286

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	52	20.	20.135	32.	11.	29.021	5.387	12.	16.	24.	27.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	55	6.	6.727	15.	0.	21.387	4.625	1.	3.	10.	14.4
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	44	23.	107.682	2400.	1.5	131832.443	363.087	4.	9.	75.	230.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	44	1.362	1.401	3.38	0.176	0.454	0.673	0.602	0.954	1.875	2.362
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			25.164								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	44	9.	74.534	2400.	1.5	129988.144	360.539	1.5	4.	23.	43.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	44	0.954	1.025	3.38	0.176	0.418	0.647	0.176	0.602	1.362	1.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.591								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	10	9.1	59.11	460.	1.5	20079.721	141.703	1.71	3.6	43.	418.3
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/88-08/08/95	10	0.959	1.105	2.663	0.176	0.504	0.71	0.214	0.556	1.633	2.56
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			12.748								
70211p	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	55	1447.	6020.491	11607.	1032.	25445130.81	5044.317	1200.	1254.	11244.	11458.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0286

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	60	7.	7.883	19.	0.	16.851	4.105	3.	5.	10.	13.9
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	69	8.	8.232	20.	0.	24.21	4.92	1.	4.	13.	15.
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	57	43.	235.263	2400.	3.	243169.805	493.123	9.	15.	230.	930.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	57	1.633	1.775	3.38	0.477	0.505	0.711	0.954	1.176	2.362	2.968
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			59.592								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	52	15.	39.894	430.	1.5	4987.17	70.62	2.25	4.	43.	93.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	52	1.176	1.181	2.633	0.176	0.373	0.611	0.304	0.602	1.633	1.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			15.181								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	12	12.05	37.117	240.	1.5	4702.298	68.573	1.5	3.6	23.	195.9
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/88-08/08/95	12	1.068	1.083	2.38	0.176	0.449	0.67	0.176	0.556	1.362	2.257
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			12.099								
70211p	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	71	11109.	6660.577	11656.	1015.	25252936.99	5025.23	1200.	1334.	11331.	11499.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

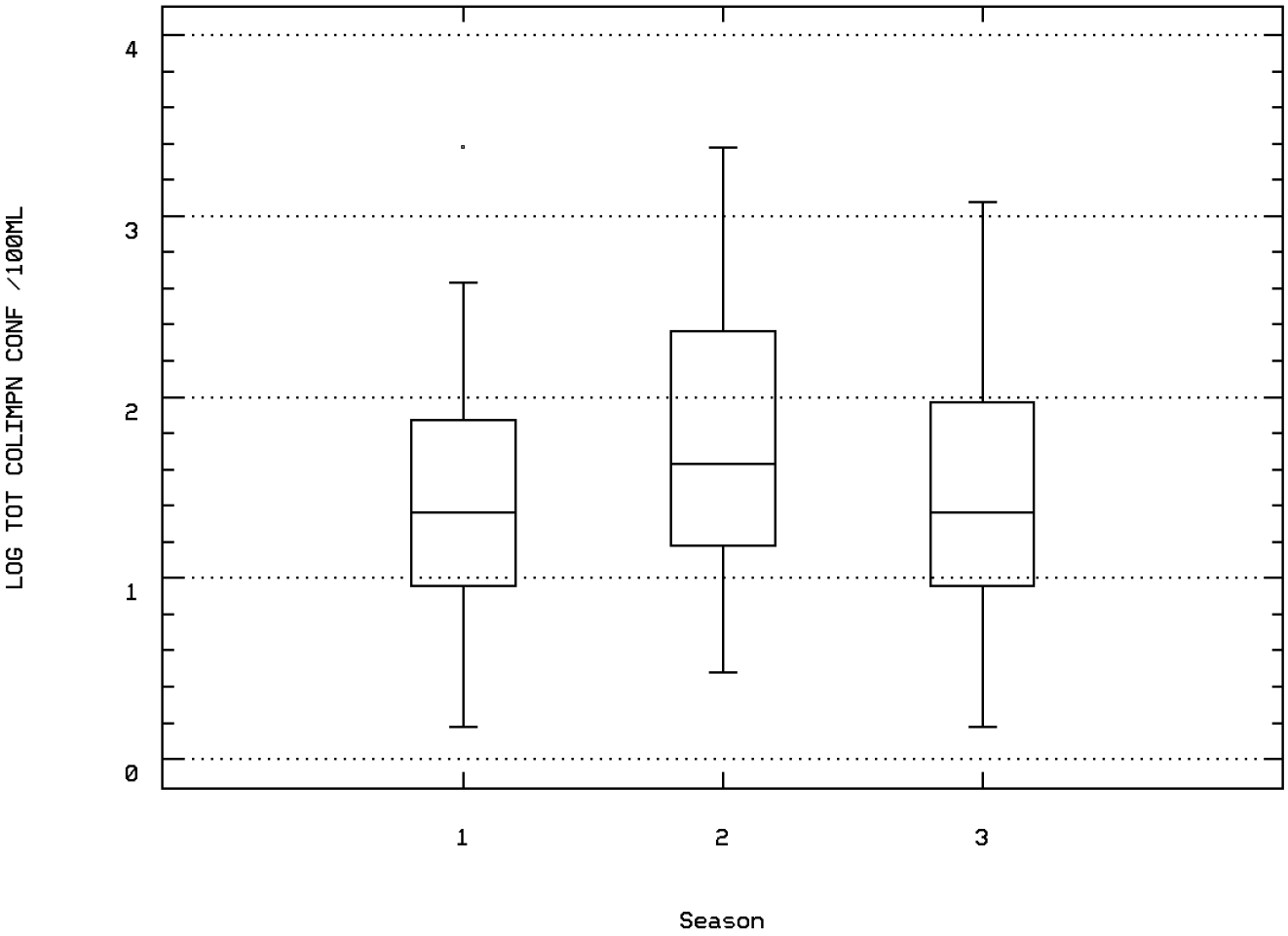
Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0286

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	81	20.	20.243	32.	8.	36.404	6.034	12.	15.	26.	28.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	86	6.	7.035	20.	0.	20.952	4.577	1.7	3.	10.	14.
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	78	23.	102.442	1200.	1.5	47286.221	217.454	4.	9.	93.	240.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	78	1.362	1.453	3.079	0.176	0.494	0.703	0.602	0.954	1.968	2.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			28.392								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	78	9.	37.795	460.	1.5	7604.302	87.203	1.5	4.	24.75	93.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	78	0.954	1.066	2.663	0.176	0.402	0.634	0.176	0.602	1.391	1.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.635								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	8	6.35	21.288	93.	1.5	1030.138	32.096	**	**	**	**
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/88-08/08/95	8	0.758	0.9	1.968	0.176	0.435	0.659	**	**	**	**
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			7.948								
70211p	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	86	11200.	7226.616	11621.	1123.	24459683.933	4945.673	1202.1	1334.5	11261.75	11469.9

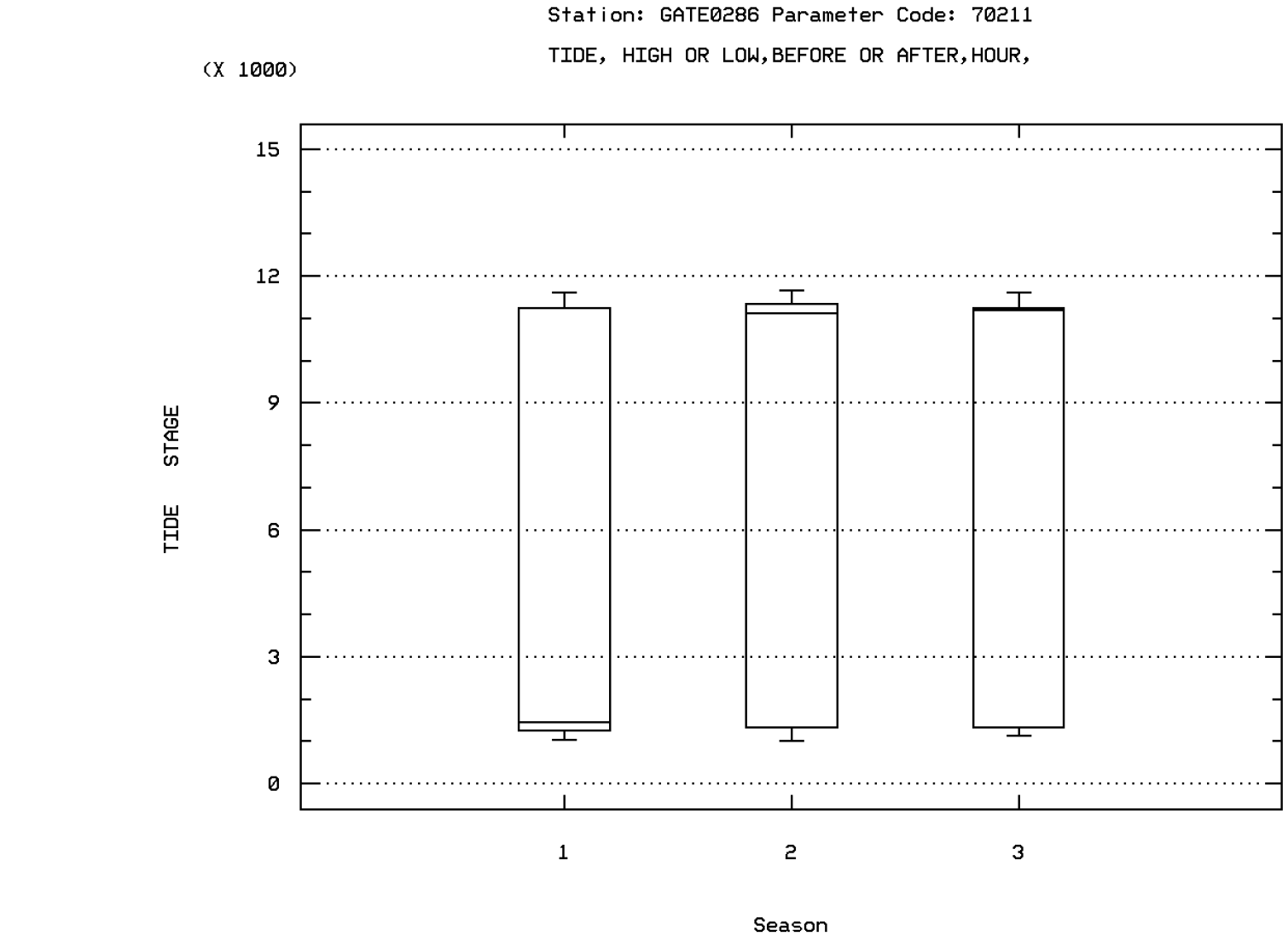
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: GATE0286 Parameter Code: 31505

LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C



NAVESINK RIVER



NAVESINK RIVER

Station Inventory for Station: GATE0287

NPS Station ID: GATE0287 LAT/LON: 40.453337/ -74.012226 Agency: 21NJDEP1 Date Created: 04/04/81
Location: SANDY HOOK BAY FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): L6996537084 /910D /SF02010
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02030104 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST MAJOR BASIN Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA ECO Region:
RF1 Index: 02030104006 RF1 Mile Point: 6.300 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J. TIDE CORRECTION (H/L): (-0:01/ 0:00)
ASSOCIATED NOAA WEATHER STATION: 7865

Parameter Inventory for Station: GATE0287

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-05/18/92	64	17.9	14.614	25.	-0.6	66.35	8.146	1.95	7.25	21.925	23.3
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	142	18.	18.782	36.	0.	73.264	8.559	8.	12.	26.	30.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	167	4.	4.934	20.	0.	14.219	3.771	1.	2.	8.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	150	15.	319.883	24000.	1.5	4089693.8	2022.299	1.5	2.625	73.5	240.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	150	1.176	1.21	4.38	0.176	0.844	0.918	0.176	0.402	1.866	2.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			16.21								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	142	4.	39.556	1500.	1.5	26958.671	164.191	1.5	1.5	15.	43.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	142	0.602	0.774	3.176	0.176	0.469	0.685	0.176	0.176	1.176	1.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.949								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/15/90-05/18/92	18 ##	2.55	4.139	23.	1.5	26.751	5.172	1.5	1.5	3.6	10.49
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	05/15/90-05/18/92	18 ##	0.366	0.45	1.362	0.176	0.118	0.343	0.176	0.176	0.556	0.999
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			2.821								
31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	08/10/73-12/01/78	21	3.	3.333	4.	3.	0.233	0.483	3.	3.	4.	4.
31678	LOG FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATI	08/10/73-12/01/78	21	0.477	0.519	0.602	0.477	0.004	0.06	0.477	0.477	0.602	0.602
31678	GM FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATIO	GEOMETRIC MEAN =			3.302								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	168	11106.5	6604.714	11600.	1050.	24627432.864	4962.603	1242.6	1345.5	11245.	11410.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0287

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	150	8	0.05	35	0	0.00	50	6	0.12	65	2	0.03			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	142	5	0.04	28	0	0.00	49	3	0.06	65	2	0.03			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1973 - Station GATE0287

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	7	5.	6.	12.	3.	8.	2.828	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	7	43.	68.714	240.	1.5	7296.821	85.421	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	7	1.633	1.322	2.38	0.176	0.802	0.896	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			21.011								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	7	1515.	5580.	11200.	1100.	27329741.667	5227.786	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station GATE0287

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	7	6.	6.714	15.	0.	34.238	5.851	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	7	43.	124.143	460.	9.	28700.81	169.413	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	7	1.633	1.676	2.663	0.954	0.475	0.689	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			47.385								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	7	43.	85.857	460.	1.5	27605.393	166.149	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	7	1.633	1.267	2.663	0.176	0.805	0.897	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			18.496								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	7	1430.	4229.286	11315.	1315.	23434836.905	4840.954	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GATE0287

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	10	7.5	8.3	20.	0.	34.9	5.908	0.2	4.25	11.25	19.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	10	93.	169.8	460.	3.	30179.289	173.722	5.	38.	295.	460.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	10	1.968	1.913	2.663	0.477	0.454	0.674	0.566	1.566	2.451	2.663
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			81.822								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	10	9.	30.6	93.	1.5	1321.767	36.356	1.5	3.375	55.5	93.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	10	0.954	1.102	1.968	0.176	0.455	0.675	0.176	0.496	1.717	1.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.65								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	10	1395.	5271.5	11445.	1115.	26350705.833	5133.294	1126.5	1293.75	11168.75	11433.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GATE0287

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	10	26.	24.9	30.	10.	32.1	5.666	11.4	24.	28.25	29.9
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	9	3.	4.111	15.	1.	21.361	4.622	1.	1.	5.5	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	10	8.	256.35	2400.	1.5	568078.503	753.71	1.5	1.5	40.5	2169.3
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	10	0.9	1.1	3.38	0.176	0.998	0.999	0.176	0.176	1.513	3.239
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			12.595								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	10	4.	9.8	43.	1.5	180.067	13.419	1.5	1.5	12.5	41.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	10	0.602	0.681	1.633	0.176	0.284	0.533	0.176	0.176	1.056	1.606
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.8								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	10	11245.	9318.5	11545.	1245.	17960622.5	4237.997	1252.	8740.	11403.75	11532.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GATE0287

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	8	15.5	17.375	32.	6.	103.125	10.155	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	7	5.	4.143	10.	0.	10.81	3.288	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	7	43.	523.357	2400.	1.5	843537.226	918.443	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	7	1.633	1.821	3.38	0.176	1.201	1.096	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			66.172								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	7	9.	174.357	1100.	1.5	167688.31	409.498	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	7	0.954	1.091	3.041	0.176	1.184	1.088	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.337								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	7	11215.	7027.857	11345.	1300.	27799832.143	5272.555	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station GATE0287

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	9	26.	26.556	36.	15.	45.778	6.766	15.	22.	32.	36.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	9	5.	4.889	10.	2.	6.611	2.571	2.	2.5	6.5	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	9	9.	137.222	1100.	4.	130605.944	361.394	4.	4.	43.	1100.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	9	0.954	1.248	3.041	0.602	0.627	0.792	0.602	0.602	1.633	3.041
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			17.72								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	9	4.	32.611	240.	1.5	6090.111	78.039	1.5	4.	16.	240.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	9	0.602	0.876	2.38	0.176	0.421	0.649	0.176	0.602	1.158	2.38
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.513								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	9	11215.	6896.667	11515.	1245.	27862462.5	5278.491	1245.	1322.5	11380.	11515.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GATE0287

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	6	18.5	17.167	28.	0.	108.967	10.439	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	6	1.5	3.	10.	0.	16.	4.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	6	## 8.25	428.25	2400.	1.5	936468.675	967.713	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	6	## 0.676	1.21	3.38	0.176	1.77	1.331	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			16.222								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	6	## 8.25	17.583	43.	1.5	414.942	20.37	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	6	## 0.676	0.829	1.633	0.176	0.539	0.734	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.738								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	6	11315.	8046.667	11515.	1245.	26961336.667	5192.431	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station GATE0287

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	11	15.	16.364	30.	6.	70.255	8.382	6.2	9.	23.	29.8
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	11	3.	3.636	10.	0.	10.055	3.171	0.	1.	7.	9.4
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	11	## 1.5	9.864	43.	1.5	193.355	13.905	1.5	1.5	23.	39.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	11	## 0.176	0.595	1.633	0.176	0.361	0.601	0.176	0.176	1.362	1.579
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			3.935								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	11	## 1.5	2.409	4.	1.5	1.591	1.261	1.5	1.5	4.	4.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	11	## 0.176	0.331	0.602	0.176	0.046	0.215	0.176	0.176	0.602	0.602
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.143								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station GATE0287

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	11	1432.	4058.182	11245.	1204.	21255445.964	4610.363	1206.2	1309.	11215.	11245.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station GATE0287

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	10	17.	17.7	35.	9.	59.344	7.704	9.2	11.75	20.5	34.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	10	5.	4.9	8.	1.	4.989	2.234	1.2	3.	6.5	8.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	10	26.5	105.4	750.	4.	52089.156	228.23	5.1	15.	78.	684.3
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	10	1.419	1.523	2.875	0.602	0.376	0.613	0.659	1.176	1.89	2.784
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			33.361								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	9	## 15.	11.278	23.	1.5	49.944	7.067	1.5	4.	15.	23.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	9	## 1.176	0.933	1.362	0.176	0.152	0.389	0.176	0.602	1.176	1.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.578								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	10	6371.5	6339.5	11440.	1254.	27460275.389	5240.255	1260.5	1333.25	11309.25	11427.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station GATE0287

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	11	16.	17.727	29.	7.	47.018	6.857	7.8	12.	23.	28.4
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	11	5.	5.273	10.	1.	11.018	3.319	1.2	2.	8.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	11	## 15.	466.591	4600.	1.5	1895185.491	1376.657	1.5	1.5	23.	3766.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	11	## 1.176	1.272	3.663	0.176	1.131	1.064	0.176	0.176	1.362	3.457
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			18.703								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	11	## 4.	48.136	430.	1.5	16196.305	127.265	1.5	1.5	15.	352.6
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	11	## 0.602	0.843	2.633	0.176	0.645	0.803	0.176	0.176	1.176	2.433
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.973								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	11	1532.	5881.455	11529.	1217.	27158617.673	5211.393	1221.4	1239.	11354.	11508.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GATE0287

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	15	17.	16.933	30.	4.	69.924	8.362	5.2	8.	23.	29.4
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	15	5.	5.867	12.	1.	13.695	3.701	1.6	3.	10.	11.4
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	15	15.	63.067	230.	1.5	7791.852	88.271	1.5	1.5	93.	230.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	15	1.176	1.198	2.362	0.176	0.722	0.849	0.176	0.176	1.968	2.362
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			15.768								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	15	4.	12.667	93.	1.5	530.31	23.028	1.5	1.5	15.	49.8
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	15	0.602	0.757	1.968	0.176	0.266	0.516	0.176	0.176	1.176	1.581
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.713								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	15	11115.	7307.267	11348.	1255.	24435861.067	4943.264	1304.2	1542.	11224.	11331.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GATE0287

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	10	18.5	19.6	31.	9.	59.378	7.706	9.1	13.	26.5	30.7
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	10	4.5	4.6	9.	1.	8.489	2.914	1.1	2.	8.	8.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	10	9.5	2418.4	24000.	1.5	57502743.489	7583.056	1.5	1.5	55.5	21609.3
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	10	0.889	1.183	4.38	0.176	1.719	1.311	0.176	0.176	1.717	4.139
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			15.228								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	10	4.	158.9	1500.	1.5	222223.1	471.405	1.5	1.5	28.	1354.3
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	10	0.602	0.903	3.176	0.176	0.912	0.955	0.176	0.176	1.43	3.022
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.006								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	10	11135.	7252.9	11321.	1139.	26177659.656	5116.411	1155.2	1340.	11259.	11319.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GATE0287

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	10	13.5	17.3	32.	4.	121.122	11.006	4.2	7.5	29.	31.7
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	10	3.	4.8	12.	1.	19.067	4.367	1.	1.75	10.25	11.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	10	5.5	246.45	2400.	1.5	572612.303	756.712	1.5	1.5	16.25	2162.3
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	10	0.724	0.929	3.38	0.176	0.918	0.958	0.176	0.176	1.2	3.178
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			8.501								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	10 ##	2.75	17.85	150.	1.5	2161.558	46.493	1.5	1.5	5.25	135.9
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	10 ##	0.389	0.582	2.176	0.176	0.389	0.624	0.176	0.176	0.69	2.054
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.817								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	10	6191.5	6234.8	11600.	1127.	28330226.622	5322.615	1129.1	1193.75	11227.25	11570.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GATE0287

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	7	15.	17.286	33.	9.	69.571	8.341	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	10	2.	3.6	9.	1.	10.933	3.307	1.	1.	8.	8.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	10	4.	55.55	230.	1.5	8959.747	94.656	1.5	1.5	113.75	230.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	10	0.602	0.954	2.362	0.176	0.791	0.89	0.176	0.176	1.997	2.362
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			8.985								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	10 ##	1.5	20.8	93.	1.5	1453.567	38.126	1.5	1.5	30.	93.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	10 ##	0.176	0.655	1.968	0.176	0.547	0.739	0.176	0.176	1.208	1.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.518								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	10	11145.5	9239.9	11424.	1258.	17088594.767	4133.835	1286.5	8641.75	11245.75	11414.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GATE0287

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	8	21.	19.	31.	2.	114.857	10.717	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	8	4.	4.75	12.	1.	11.357	3.37	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	8	3.5	16.813	93.	1.5	991.638	31.49	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	8	0.54	0.732	1.968	0.176	0.419	0.648	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			5.39								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	8 ##	1.5	6.063	23.	1.5	68.603	8.283	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	8 ##	0.176	0.487	1.362	0.176	0.246	0.496	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.068								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GATE0287

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	8	6244.5	6324.625	11442.	1326.	27795129.125	5272.109	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0287

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	7	18.	17.571	29.	1.	97.952	9.897	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	7	2.	3.143	8.	1.	7.143	2.673	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	7	7.	44.5	240.	1.5	7630.75	87.354	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	7	0.845	1.062	2.38	0.176	0.528	0.726	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			11.543								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	7 ##	1.5	16.5	93.	1.5	1163.25	34.106	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	7 ##	0.176	0.575	1.968	0.176	0.516	0.719	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.758								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	7	1505.	5664.714	11406.	1332.	27968030.571	5288.481	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0287

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	8	19.5	20.5	31.	10.	70.857	8.418	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	8	3.5	3.625	8.	1.	5.696	2.387	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	2	6.	6.	9.	3.	18.	4.243	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	2	0.716	0.716	0.954	0.477	0.114	0.337	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			5.196								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	2 ##	2.75	2.75	4.	1.5	3.125	1.768	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	2 ##	0.389	0.389	0.602	0.176	0.091	0.301	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.449								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	8	6273.	6259.375	11352.	1243.	27847163.125	5277.041	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0287

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	8	17.5	18.625	30.	11.	50.268	7.09	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	8	6.5	6.125	12.	1.	17.839	4.224	**	**	**	**
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	8	11172.5	7591.75	11511.	1238.	26228062.214	5121.334	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0287

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	4	12.	13.25	22.	7.	50.25	7.089	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	4	4.	5.25	12.	1.	22.25	4.717	**	**	**	**
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	4	6278.5	6201.75	11200.	1050.	32350050.917	5687.711	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0287

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-05/18/92	13	23.3	22.585	25.	16.	5.721	2.392	17.6	21.85	23.95	25.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	31	23.	21.935	36.	7.	50.996	7.141	11.6	16.	27.	30.8
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	40	5.	5.1	12.	1.	9.682	3.112	2.	3.	6.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	35	4.	35.029	240.	1.5	4589.764	67.748	1.5	1.5	23.	147.8
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	35	0.602	0.896	2.38	0.176	0.546	0.739	0.176	0.176	1.362	2.126
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			7.875								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	28 ##	1.5	10.946	93.	1.5	601.951	24.535	1.5	1.5	4.	48.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	28 ##	0.176	0.537	1.968	0.176	0.291	0.54	0.176	0.176	0.602	1.667
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.443								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	40	11067.5	6547.225	11440.	1100.	24790494.281	4979.005	1239.4	1434.5	11205.25	11391.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0287

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-05/18/92	21	5.	4.267	10.	-0.6	9.73	3.119	0.7	1.4	7.5	1.12
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	46	10.	9.826	17.	0.	17.347	4.165	4.	7.	12.	16.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	57	4.	5.14	20.	0.	20.444	4.522	0.	1.	8.5	11.2
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	50	33.	748.05	24000.	1.5	11691603.594	3419.299	1.65	9.	93.	2270.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	50	1.517	1.603	4.38	0.176	0.913	0.956	0.206	0.954	1.968	3.346
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			40.061								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	49	14.	82.847	1500.	1.5	70842.617	266.163	1.5	1.5	43.	93.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	49	1.146	1.054	3.176	0.176	0.624	0.79	0.176	0.176	1.633	1.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.322								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	57	1532.	5728.	11545.	1050.	24752487.25	4975.187	1243.6	1334.	11246.	11430.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0287

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-05/18/92	30	20.	18.403	23.	10.	14.197	3.768	12.	16.	21.025	22.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	65	26.	23.615	35.	10.	39.115	6.254	14.6	18.5	28.5	30.4
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	70	3.5	4.671	15.	0.	12.021	3.467	1.	2.	7.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	65	9.	143.908	4600.	1.5	348446.132	590.293	1.5	1.5	43.	240.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	65	0.954	1.076	3.663	0.176	0.782	0.885	0.176	0.176	1.633	2.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			11.923								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	65	4.	19.246	430.	1.5	3795.517	61.608	1.5	1.5	9.	31.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-04/25/90	65	0.602	0.666	2.633	0.176	0.345	0.587	0.176	0.176	0.954	1.47
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.635								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	71	11143.	7340.944	11600.	1115.	23962633.425	4895.164	1225.8	1345.	11304.	11412.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0288

NPS Station ID: GATE0288
LAT/LON: 40.429170/ -74.012505
Agency: 11NOAMID
Date Created: 11/16/78
Location: RARITAN BAY
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): RARB73
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON NEW YORK METRO AREA
ECO Region:
RF1 Index: 02030104006
RF1 Mile Point: 7.160
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
TRACE METALS IN SEDIMENTS OF RARITAN BAY - GREIG AND MCGRATH - NOAA NATL MAR FISH SERV - MID ATLANTIC COAST FISH CEN MILFORD CT 1973 MARINE POLLUTION BULLETIN VOL 8 NO 8 AUG 1977

Parameter Inventory for Station: GATE0288

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	2	3.8	3.8	3.8	3.8	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	2	82.5	82.5	83.	82.	0.5	0.707	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	02/01/73-05/01/73	2	105.	105.	110.	100.	50.	7.071	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	02/01/73-05/01/73	2	95.	95.	100.	90.	50.	7.071	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	2	23.	23.	24.	22.	2.	1.414	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	02/01/73-05/01/73	2	330.	330.	350.	310.	800.	28.284	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GATE0289

NPS Station ID: GATE0289
LAT/LON: 40.436115/ -74.012505
Agency: 21NJDEP1
Date Created: 04/04/81
Location: SANDY HOOK BAY
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): L6993636980 /908B /SF02021
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST MAJOR BASIN
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA
ECO Region:
RF1 Index: 02030104006
RF1 Mile Point: 7.160
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J.
TIDE CORRECTION (H/L): (-0:01/ 0:00)
ASSOCIATED NOAA WEATHER STATION: 7865

Parameter Inventory for Station: GATE0289

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-05/18/92	63	18.	14.735	25.	-0.6	66.47	8.153	1.9	8.	22.	23.3
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	141	18.	18.872	36.	0.	72.612	8.521	8.	12.	26.	30.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	167	4.	4.934	20.	0.	14.219	3.771	1.	2.	8.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	145	15.	153.041	4600.	1.5	274439.012	523.869	1.5	4.	93.	240.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	145	1.176	1.275	3.663	0.176	0.712	0.844	0.176	0.602	1.968	2.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			18.815								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	144	4.	38.125	1100.	1.5	17745.816	133.213	1.5	1.5	15.	43.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	144	0.602	0.829	3.041	0.176	0.456	0.675	0.176	0.176	1.176	1.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.741								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/15/90-05/18/92	18 ##	1.5	5.611	43.	1.5	112.682	10.615	1.5	1.5	3.6	25.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	05/15/90-05/18/92	18 ##	0.176	0.421	1.633	0.176	0.192	0.438	0.176	0.176	0.556	1.389
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			2.633								
31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	08/10/73-12/01/78	21	3.	3.333	4.	3.	0.233	0.483	3.	3.	4.	4.
31678	LOG FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATI	08/10/73-12/01/78	21	0.477	0.519	0.602	0.477	0.004	0.06	0.477	0.477	0.602	0.602
31678	GM FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATIO	GEOMETRIC MEAN =			3.302								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	168	11031.5	6455.304	11545.	1006.	24657227.746	4965.604	1213.6	1335.75	11232.75	11345.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0289

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	145	5	0.03	32	0	0.00	50	4	0.08	63	1	0.02			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	144	7	0.05	32	0	0.00	49	6	0.12	63	1	0.02			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1973 - Station GATE0289

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	7	5.	6.	12.	3.	8.	2.828	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	7	43.	63.929	240.	1.5	6981.036	83.553	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	7	1.633	1.394	2.38	0.176	0.588	0.767	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			24.754								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	7	9.	9.786	23.	1.5	92.738	9.63	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	7	0.954	0.737	1.362	0.176	0.303	0.551	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.46								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	7	1500.	5554.286	11145.	1115.	27041928.571	5200.185	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station GATE0289

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	7	6.	6.714	15.	0.	34.238	5.851	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	7	93.	124.143	460.	7.	24324.143	155.962	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	7	1.968	1.802	2.663	0.845	0.346	0.588	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			63.431								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	7	15.	45.857	150.	4.	3108.143	55.751	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	7	1.176	1.337	2.176	0.602	0.358	0.598	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			21.702								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	7	1430.	4208.571	11300.	1200.	23477472.619	4845.356	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GATE0289

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	10	7.5	8.3	20.	0.	34.9	5.908	0.2	4.25	11.25	19.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	10	23.	153.5	1100.	4.	115327.167	339.599	5.1	19.5	92.25	1014.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	10	1.362	1.587	3.041	0.602	0.457	0.676	0.659	1.286	1.82	2.975
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			38.673								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	10	8.	8.9	23.	1.5	48.267	6.947	1.5	3.375	15.	22.2
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	10	0.9	0.802	1.362	0.176	0.167	0.409	0.176	0.496	1.176	1.343
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.344								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	10	1395.	5281.5	11445.	1130.	26414005.833	5139.456	1140.	1305.	11180.	11433.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GATE0289

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	10	26.	24.9	30.	10.	32.1	5.666	11.4	24.	28.25	29.9
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	9	3.	4.111	15.	1.	21.361	4.622	1.	1.	5.5	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	10	12.5	273.95	2400.	1.5	563330.192	750.553	1.5	1.5	92.25	2184.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	10	0.962	1.181	3.38	0.176	1.137	1.066	0.176	0.176	1.82	3.28
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			15.171								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	10	3.5	114.4	1100.	1.5	119969.044	346.365	1.5	1.5	8.75	992.3
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	10	0.54	0.739	3.041	0.176	0.787	0.887	0.176	0.176	0.792	2.873
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.484								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	10	11245.	9318.5	11545.	1245.	17960622.5	4237.997	1252.	8740.	11403.75	11532.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GATE0289

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	7	16.	19.	32.	6.	95.667	9.781	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	7	5.	4.143	10.	0.	10.81	3.288	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	6	7.	83.25	240.	1.5	14746.575	121.435	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	6	0.845	1.205	2.38	0.176	0.889	0.943	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			16.025								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	6	5.5	49.5	240.	1.5	8963.4	94.675	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	6	0.724	0.969	2.38	0.176	0.768	0.876	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.308								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	7	11215.	7027.857	11345.	1300.	27799832.143	5272.555	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station GATE0289

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	9	26.	26.556	36.	15.	45.778	6.766	15.	22.	32.	36.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	9	5.	4.889	10.	2.	6.611	2.571	2.	2.5	6.5	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	9	9.	41.222	240.	1.5	6404.382	80.027	1.5	2.75	51.	240.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	9	0.954	0.974	2.38	0.176	0.565	0.751	0.176	0.389	1.461	2.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			9.423								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	9	4.	6.222	23.	1.5	57.819	7.604	1.5	1.5	9.5	23.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	9	0.602	0.561	1.362	0.176	0.202	0.45	0.176	0.176	0.889	1.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.639								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	9	11215.	6890.556	11515.	1245.	27939752.778	5285.807	1245.	1295.	11380.	11515.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GATE0289

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	6	18.5	17.167	28.	0.	108.967	10.439	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	6	1.5	3.	10.	0.	16.	4.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	6	39.5	429.417	2400.	1.5	933581.842	966.22	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	6	1.239	1.413	3.38	0.176	1.491	1.221	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			25.892								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	6 ##	1.5	80.167	460.	1.5	34654.767	186.158	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	6 ##	0.176	0.757	2.663	0.176	1.031	1.016	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.717								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	6	11315.	8046.667	11515.	1245.	26961336.667	5192.431	**	**	**	**

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Annual Analysis for 1981 - Station GATE0289

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	11	15.	16.364	30.	6.	70.255	8.382	6.2	9.	23.	29.8
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	11	3.	3.636	10.	0.	10.055	3.171	0.	1.	7.	9.4
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	11 ##	1.5	13.682	93.	1.5	763.064	27.624	1.5	1.5	15.	80.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	11 ##	0.176	0.584	1.968	0.176	0.418	0.646	0.176	0.176	1.176	1.864
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			3.839								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	11 ##	1.5	2.182	4.	1.5	1.364	1.168	1.5	1.5	4.	4.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	11 ##	0.176	0.292	0.602	0.176	0.04	0.199	0.176	0.176	0.602	0.602
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.96								

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Annual Analysis for 1981 - Station GATE0289

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	11	1438.	4059.818	11245.	1210.	21245578.364	4609.293	1211.	1315.	11215.	11245.

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Annual Analysis for 1982 - Station GATE0289

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	10	17.	17.7	35.	9.	59.344	7.704	9.2	11.75	20.5	34.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	10	5.	4.9	8.	1.	4.989	2.234	1.2	3.	6.5	8.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	10	25.5	40.6	93.	4.	1388.933	37.268	4.5	9.	91.	92.8
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	10	1.366	1.394	1.968	0.602	0.24	0.49	0.637	0.954	1.959	1.968
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			24.769								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	9 ##	15.	20.667	91.	1.5	840.125	28.985	1.5	1.5	29.5	91.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	9 ##	1.176	0.882	1.959	0.176	0.501	0.708	0.176	0.176	1.459	1.959
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.612								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	10	6377.5	6349.5	11446.	1300.	27415230.944	5235.956	1302.5	1339.25	11315.25	11433.6

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Annual Analysis for 1983 - Station GATE0289

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	11	16.	17.727	29.	7.	47.018	6.857	7.8	12.	23.	28.4
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	11	5.	5.273	10.	1.	11.018	3.319	1.2	2.	8.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	11	15.	454.864	4600.	1.5	1894688.605	1376.477	1.8	4.	93.	3726.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	11	1.176	1.34	3.663	0.176	1.01	1.005	0.236	0.602	1.968	3.403
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			21.879								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	11	15.	21.545	93.	1.5	748.023	27.35	1.5	4.	36.	83.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	11	1.176	1.018	1.968	0.176	0.341	0.584	0.176	0.602	1.556	1.901
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.421								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	11	1444.	5834.909	11441.	1151.	27276067.091	5222.649	1151.	1223.	11339.	11432.8

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Annual Analysis for 1984 - Station GATE0289

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	15	17.	16.933	30.	4.	69.924	8.362	5.2	8.	23.	29.4
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	15	5.	5.867	12.	1.	13.695	3.701	1.6	3.	10.	11.4
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	15	23.	132.367	930.	1.5	62048.874	249.096	3.	9.	93.	630.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	15	1.362	1.484	2.968	0.176	0.661	0.813	0.432	0.954	1.968	2.767
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			30.448								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	15	4.	42.867	430.	1.5	12050.517	109.775	1.5	4.	23.	227.8
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	15	0.602	0.962	2.633	0.176	0.459	0.678	0.176	0.602	1.362	2.234
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.154								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	15	11029.	7237.4	11300.	1207.	24409560.114	4940.603	1234.6	1454.	11140.	11262.2

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Annual Analysis for 1985 - Station GATE0289

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	10	18.5	19.6	31.	9.	59.378	7.706	9.1	13.	26.5	30.7
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	10	4.5	4.6	9.	1.	8.489	2.914	1.1	2.	8.	8.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	10	33.	276.05	2400.	1.5	559262.525	747.839	1.5	1.5	107.25	2175.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	10	1.498	1.328	3.38	0.176	1.115	1.056	0.176	0.176	2.02	3.26
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			21.3								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	10	6.5	102.45	930.	1.5	84706.525	291.044	1.5	1.5	22.	841.3
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	10	0.778	0.964	2.968	0.176	0.742	0.862	0.176	0.176	1.29	2.835
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.206								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	10	11051.	7184.9	11237.	1055.	26144152.1	5113.135	1071.2	1286.	11205.	11235.3

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Annual Analysis for 1986 - Station GATE0289

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	10	13.5	17.3	32.	4.	121.122	11.006	4.2	7.5	29.	31.7
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	10	3.	4.8	12.	1.	19.067	4.367	1.	1.75	10.25	11.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	8	9.	63.625	240.	1.5	11216.482	105.908	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	8	0.954	1.082	2.38	0.176	0.767	0.876	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			12.078								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	8	4.	38.063	240.	1.5	6854.103	82.79	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	8	0.602	0.838	2.38	0.176	0.636	0.797	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.879								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	10	6159.5	6171.2	11516.	1043.	28279511.956	5317.848	1049.1	1128.75	11143.25	11486.3

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Annual Analysis for 1987 - Station GATE0289

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	7	15.	17.286	33.	9.	69.571	8.341	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	10	2.	3.6	9.	1.	10.933	3.307	1.	1.	8.	8.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	8	27.	181.688	930.	1.5	101231.638	318.169	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	8	1.337	1.468	2.968	0.176	1.032	1.016	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			29.402								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	8 ##	5.25	41.375	230.	1.5	6141.839	78.37	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	8 ##	0.565	0.911	2.362	0.176	0.759	0.871	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.145								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	10	11081.5	8223.	11340.	1214.	22207653.333	4712.5	1238.5	1501.	11161.75	11330.5

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Annual Analysis for 1988 - Station GATE0289

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	8	21.	19.	31.	2.	114.857	10.717	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	8	4.	4.75	12.	1.	11.357	3.37	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	8	6.5	9.563	23.	1.5	75.96	8.715	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	8	0.778	0.811	1.362	0.176	0.179	0.422	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			6.474								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	8	4.	6.063	23.	1.5	52.96	7.277	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	8	0.602	0.581	1.362	0.176	0.177	0.421	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.813								

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Annual Analysis for 1988 - Station GATE0289

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	8	1483.5	5081.375	11358.	1242.	26055837.125	5104.492	**	**	**	**

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Annual Analysis for 1989 - Station GATE0289

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	7	18.	17.571	29.	1.	97.952	9.897	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	7	2.	3.143	8.	1.	7.143	2.673	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	7	23.	111.143	460.	4.	30097.81	173.487	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	7	1.362	1.504	2.663	0.602	0.589	0.767	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			31.939								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	7	9.	31.857	150.	4.	2909.143	53.936	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	7	0.954	1.075	2.176	0.602	0.371	0.609	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.882								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	7	1421.	5592.143	11322.	1248.	27985259.143	5290.11	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0289

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	8	19.5	20.5	31.	10.	70.857	8.418	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	8	3.5	3.625	8.	1.	5.696	2.387	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	2	15.	15.	23.	7.	128.	11.314	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	2	1.103	1.103	1.362	0.845	0.133	0.365	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			12.689								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	2	6.	6.	9.	3.	18.	4.243	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	2	0.716	0.716	0.954	0.477	0.114	0.337	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.196								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	8	6189.	6185.375	11308.	1159.	27961577.411	5287.871	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0289

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	8	17.5	18.625	30.	11.	50.268	7.09	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	8	6.5	6.125	12.	1.	17.839	4.224	**	**	**	**
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	8	11108.5	7517.75	11427.	1154.	26198925.071	5118.489	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0289

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	4	12.	13.25	22.	7.	50.25	7.089	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	4	4.	5.25	12.	1.	22.25	4.717	**	**	**	**
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	4	6214.5	6137.75	11116.	1006.	32342464.25	5687.044	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0289

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-05/18/92	13	23.3	22.585	25.	16.	5.721	2.392	17.6	21.85	23.95	25.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	31	23.	21.935	36.	7.	50.996	7.141	11.6	16.	27.	30.8
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	40	5.	5.1	12.	1.	9.682	3.112	2.	3.	6.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	32	9.	56.375	460.	1.5	10361.29	101.79	1.5	4.	43.	230.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	32	0.954	1.152	2.663	0.176	0.563	0.75	0.176	0.602	1.633	2.362
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			14.197								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	32	4.	15.063	150.	1.5	791.077	28.126	1.5	1.5	13.5	43.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	32	0.602	0.775	2.176	0.176	0.315	0.561	0.176	0.176	1.121	1.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.958								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	40	6293.	6260.15	11446.	1115.	24772557.823	4977.204	1164.1	1415.	11142.25	11315.9

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0289

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-05/18/92	20	5.	4.13	10.	-0.6	9.83	3.135	0.65	1.25	7.75	0.26
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	45	10.	9.911	17.	0.	17.401	4.171	4.	7.5	12.	16.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	57	4.	5.14	20.	0.	20.444	4.522	0.	1.	8.5	11.2
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	50	32.	261.81	2400.	1.5	354735.193	595.597	1.65	6.25	170.	930.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	50	1.502	1.563	3.38	0.176	0.841	0.917	0.206	0.784	2.223	2.968
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			36.546								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	49	9.	83.01	1100.	1.5	45342.786	212.938	1.5	4.	43.	240.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	49	0.954	1.113	3.041	0.176	0.65	0.806	0.176	0.602	1.633	2.38
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.963								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	57	1454.	5693.702	11545.	1006.	24717673.606	4971.687	1213.	1327.5	11250.	11347.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0289

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-05/18/92	30	20.	18.403	23.	10.	14.197	3.768	12.	16.	21.025	22.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	65	26.	23.615	35.	10.	39.115	6.254	14.6	18.5	28.5	30.4
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	70	3.5	4.671	15.	0.	12.021	3.467	1.	2.	7.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	63	9.	115.817	4600.	1.5	336099.164	579.741	1.5	4.	43.	230.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	63	0.954	1.108	3.663	0.176	0.605	0.778	0.176	0.602	1.633	2.362
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			12.817								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	63	4.	14.929	430.	1.5	3016.717	54.925	1.5	1.5	9.	23.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	63	0.602	0.635	2.633	0.176	0.288	0.536	0.176	0.176	0.954	1.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.316								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	71	11101.	7176.676	11516.	1043.	24227216.794	4922.115	1216.6	1333.	11245.	11412.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0290

NPS Station ID: GATE0290
LAT/LON: 40.380003/ -74.012782
Agency: 21NJDEP1
Date Created: 08/08/81
Location: NAVESINK RIVER
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 100080019D /1013D /SF03079
RMI-Indexes: 0133006 000020
Within Park Boundary: No
RMI-Miles: 0001.70 0001.90
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST MAJOR BASIN
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA
ECO Region:
RF1 Index: 02030104008
RF1 Mile Point: 1.740
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J.
TIDE CORRECTION (H/L): (+1:09/+1:45)
ASSOCIATED NOAA WEATHER STATION: 4987

Parameter Inventory for Station: GATE0290

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-10/17/95	53	16.	14.106	28.	0.	66.121	8.131	2.4	5.2	21.1	23.18
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/03/70-10/17/95	168	16.5	16.463	32.	0.	59.525	7.715	6.	10.	22.	27.02
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	185	7.	7.492	20.	0.	22.262	4.718	1.6	3.	10.	15.
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	154	23.	120.432	2400.	1.5	120992.749	347.84	4.	9.	93.	240.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	154	1.362	1.462	3.38	0.176	0.492	0.701	0.602	0.954	1.968	2.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			28.998								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	149	9.	28.846	430.	1.5	3078.935	55.488	1.5	4.	23.	75.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	149	0.954	1.051	2.633	0.176	0.335	0.579	0.176	0.602	1.362	1.875
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.255								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	30	9.1	30.147	460.	1.5	7108.109	84.31	1.71	3.6	15.	88.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/88-08/08/95	30	0.959	0.972	2.663	0.176	0.305	0.553	0.214	0.556	1.176	1.935
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			9.383								
31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	02/05/73-10/16/78	13	4.	5.231	11.	3.	11.026	3.32	3.	3.	7.5	11.
31678	LOG FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATI	02/05/73-10/16/78	13	0.602	0.655	1.041	0.477	0.052	0.227	0.477	0.477	0.822	1.041
31678	GM FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATIO	GEOMETRIC MEAN =			4.523								
70211p	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	187	11130.	6818.032	11658.	1015.	24942047.408	4994.201	1200.	1335.	11320.	11466.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

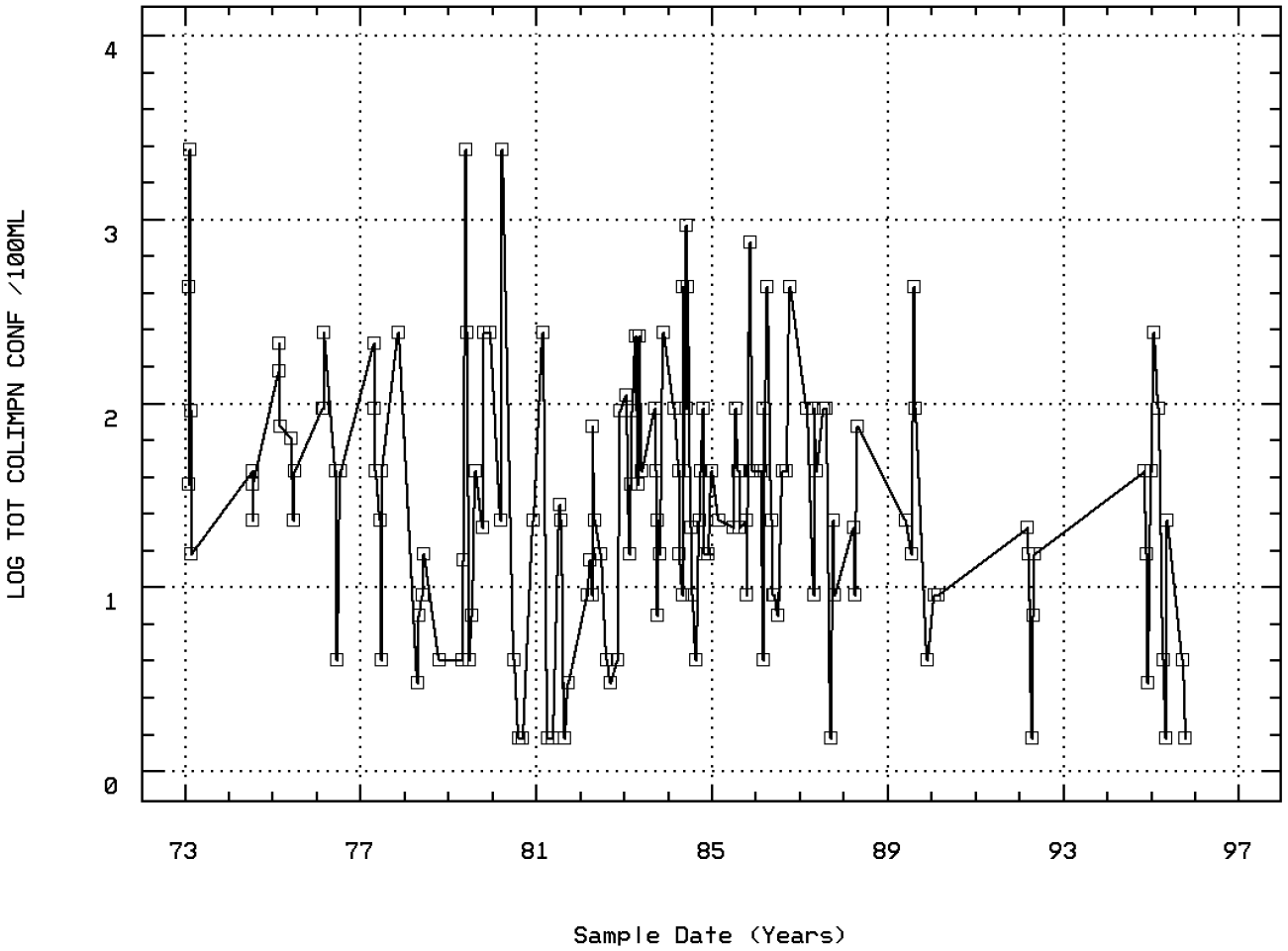
EPA Water Quality Criteria Analysis for Station: GATE0290

Parameter				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	154	3	0.02	36	0	0.00	49	2	0.04	69	1	0.01			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	149	6	0.04	36	0	0.00	44	3	0.07	69	3	0.04			

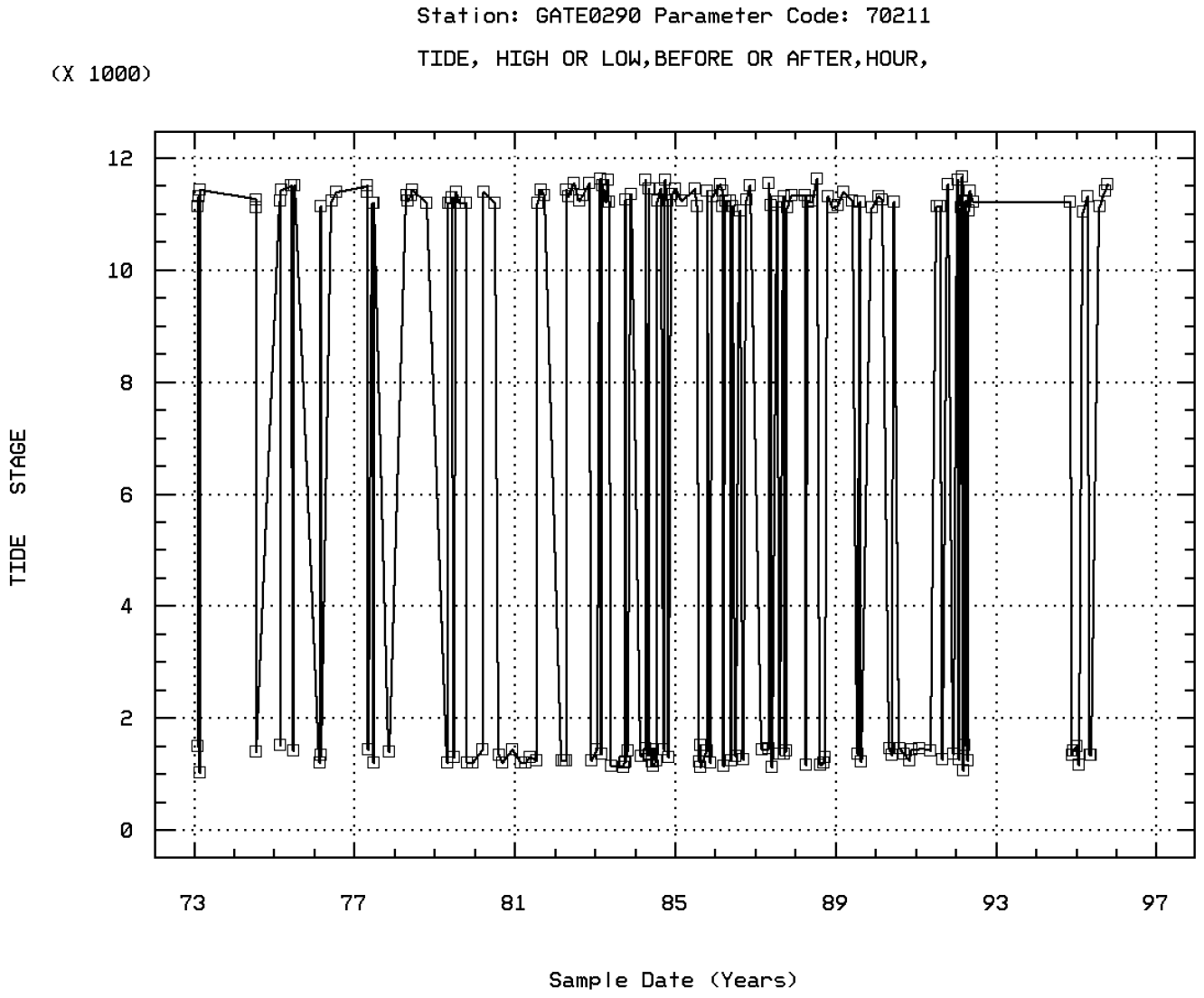
& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station: GATE0290 Parameter Code: 31505

LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C



NAVESINK RIVER



NAVESINK RIVER

Annual Analysis for 1970 - Station GATE0290

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/03/70-10/17/95	1	15.	15.	15.	15.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1973 - Station GATE0290

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	5	4.	3.6	6.	0.	5.3	2.302	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	5	91.	594.4	2400.	15.	1047036.3	1023.248	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	5	1.959	2.141	3.38	1.176	0.771	0.878	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			138.364								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	5	11130.	7278.	11430.	1015.	30246207.5	5499.655	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station GATE0290

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	3	10.	8.333	10.	5.	8.333	2.887	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	3	36.	34.	43.	23.	103.	10.149	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	3	1.556	1.517	1.633	1.362	0.02	0.14	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			32.898								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	3	36.	34.	43.	23.	103.	10.149	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	3	1.556	1.517	1.633	1.362	0.02	0.14	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			32.898								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	3	11115.	7920.	11245.	1400.	31887025.	5646.86	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GATE0290

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	6	17.5	15.	20.	5.	40.	6.325	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	6	69.5	94.167	210.	23.	5098.967	71.407	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	6	1.841	1.862	2.322	1.362	0.123	0.351	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			72.855								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	6	23.	23.667	39.	9.	180.267	13.426	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	6	1.362	1.302	1.591	0.954	0.083	0.288	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			20.061								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	6	11330.	8100.833	11515.	1415.	26431894.167	5141.196	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station GATE0290

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/03/70-10/17/95	3	27.2	26.9	28.	25.5	1.63	1.277	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	4	4.5	3.75	5.	1.	3.583	1.893	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	6	68.	86.	240.	4.	6847.2	82.748	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	6	1.801	1.698	2.38	0.602	0.364	0.604	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			49.854								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station GATE0290

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	6	68.	85.833	240.	3.	6880.167	82.947	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	6	1.801	1.677	2.38	0.477	0.422	0.649	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			47.52								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	5	11145.	7261.	11400.	1200.	29970555.	5474.537	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GATE0290

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/03/70-10/17/95	7	18.	19.	28.	10.	78.333	8.851	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	6	4.	4.333	10.	1.	10.267	3.204	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	7	43.	93.714	240.	4.	8852.571	94.088	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	7	1.633	1.7	2.38	0.602	0.375	0.612	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			50.146								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	7	23.	54.429	210.	4.	5595.952	74.806	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	7	1.362	1.398	2.322	0.602	0.355	0.595	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			24.983								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	7	11200.	7047.143	11500.	1200.	28483223.81	5336.968	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GATE0290

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/03/70-10/17/95	5	16.	17.8	24.	12.	25.2	5.02	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	5	5.	5.6	10.	0.	14.3	3.782	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	5	7.	7.6	15.	3.	22.8	4.775	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	5	0.845	0.811	1.176	0.477	0.078	0.278	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			6.47								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	5	4.	4.8	9.	3.	5.7	2.387	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	5	0.602	0.648	0.954	0.477	0.032	0.18	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.441								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	5	11330.	11304.	11430.	11200.	8380.	91.542	**	**	**	**

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Annual Analysis for 1979 - Station GATE0290

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/03/70-10/17/95	10	21.	19.1	28.	4.	52.989	7.279	4.8	13.5	24.25	27.7
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	10	7.5	7.	12.	2.	17.111	4.137	2.1	3.	10.5	12.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	10	32.	321.3	2400.	4.	544781.122	738.093	4.	6.25	240.	2184.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	10	1.478	1.667	3.38	0.602	0.866	0.931	0.602	0.784	2.38	3.28
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			46.472								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	10	14.5	36.1	240.	1.5	5292.044	72.746	1.5	3.375	28.	220.3
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	10	1.161	1.043	2.38	0.176	0.464	0.681	0.176	0.496	1.43	2.306
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.041								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	10	11200.	7240.	11400.	1200.	26804888.889	5177.344	1200.	1200.	11225.	11390.

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Annual Analysis for 1980 - Station GATE0290

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/03/70-10/17/95	6	14.	15.5	27.	6.	77.5	8.803	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	6	6.5	6.5	10.	4.	5.5	2.345	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	6	13.5	408.833	2400.	1.5	951642.067	975.521	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	6	0.982	1.176	3.38	0.176	1.451	1.205	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			15.008								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	6	6.5	46.5	240.	1.5	9051.4	95.139	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	6	0.778	0.942	2.38	0.176	0.707	0.841	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.745								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	6	1430.	4665.	11400.	1200.	26425070.	5140.532	**	**	**	**

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Annual Analysis for 1981 - Station GATE0290

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/03/70-10/17/95	7	20.	21.	31.	10.	41.667	6.455	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	7	10.	9.714	15.	3.	20.571	4.536	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	7	3.	42.643	240.	1.5	7699.976	87.75	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	7	0.477	0.885	2.38	0.176	0.742	0.861	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			7.672								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	7 ##	1.5	6.714	23.	1.5	64.071	8.004	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	7 ##	0.176	0.568	1.362	0.176	0.257	0.507	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.697								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	7	1300.	5555.714	11430.	1200.	29079161.905	5392.51	**	**	**	**

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Annual Analysis for 1982 - Station GATE0290

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/03/70-10/17/95	10	15.5	15.8	26.	4.	43.956	6.63	4.4	11.75	21.25	25.6
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	10	5.5	6.4	15.	1.	18.711	4.326	1.2	3.	10.	14.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	10	11.5	24.7	91.	3.	995.344	31.549	3.1	4.	36.	89.4
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	10	1.05	1.111	1.959	0.477	0.26	0.51	0.49	0.602	1.49	1.951
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			12.906								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	10	8.	17.25	91.	1.5	715.069	26.741	1.75	4.	17.	84.2
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	10	0.9	0.942	1.959	0.176	0.25	0.5	0.219	0.602	1.223	1.899
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.759								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	10	11278.	7337.	11551.	1234.	27549574.	5248.769	1234.	1242.25	11459.25	11550.3

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Annual Analysis for 1983 - Station GATE0290

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/03/70-10/17/95	14	15.5	13.429	22.	0.	45.802	6.768	2.5	7.5	18.75	21.5
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	14	11.	9.786	15.	1.	27.874	5.28	1.	5.75	15.	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	14	43.	86.571	240.	7.	7294.11	85.406	11.	21.	140.	235.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	14	1.633	1.715	2.38	0.845	0.233	0.483	1.011	1.315	2.121	2.371
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			51.89								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	14	25.5	28.929	91.	7.	533.456	23.097	7.	9.	43.	67.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	14	1.366	1.333	1.959	0.845	0.127	0.356	0.845	0.954	1.633	1.796
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			21.504								

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Annual Analysis for 1983 - Station GATE0290

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	14	6325.	6332.5	11620.	1114.	27634483.808	5256.851	1130.5	1211.25	11388.75	11616.

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Annual Analysis for 1984 - Station GATE0290

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/03/70-10/17/95	17	19.	18.235	31.	2.	66.566	8.159	6.8	12.	25.	29.4
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	17	9.	8.235	15.	1.	21.191	4.603	1.8	3.5	12.	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	17	43.	135.824	930.	4.	59650.029	244.234	8.	15.	93.	530.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	17	1.633	1.633	2.968	0.602	0.431	0.657	0.884	1.176	1.968	2.7
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			42.971								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	17	9.	52.059	430.	1.5	12403.403	111.371	1.5	4.	43.	270.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	17	0.954	1.133	2.633	0.176	0.466	0.683	0.176	0.602	1.633	2.416
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			13.57								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	17	1444.	5481.941	11608.	1141.	26236155.059	5122.124	1206.6	1314.	11400.	11605.6

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Annual Analysis for 1985 - Station GATE0290

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/03/70-10/17/95	11	18.	19.273	32.	7.	58.418	7.643	7.8	12.	26.	30.8
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	11	3.	4.909	15.	2.	17.491	4.182	2.	2.	8.	13.8
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	11	43.	101.091	750.	9.	46815.291	216.368	11.4	21.	43.	618.6
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	11	1.633	1.609	2.875	0.954	0.245	0.495	1.028	1.322	1.633	2.694
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			40.649								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	11	15.	26.364	93.	1.5	755.205	27.481	1.5	9.	43.	83.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	11	1.176	1.147	1.968	0.176	0.343	0.586	0.176	0.954	1.633	1.901
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			14.042								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	11	11134.	6772.818	11456.	1126.	27504751.364	5244.497	1142.	1223.	11414.	11455.8

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Annual Analysis for 1986 - Station GATE0290

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/03/70-10/17/95	13	19.	16.	29.	5.	74.167	8.612	5.4	6.5	22.5	28.2
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	13	4.	5.538	14.	1.	17.603	4.196	1.	2.5	9.	13.2
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	12	43.	98.083	430.	4.	24650.629	157.005	4.9	9.	80.5	430.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	12	1.633	1.541	2.633	0.602	0.426	0.653	0.675	0.954	1.885	2.633
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			34.718								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	12	15.	20.417	75.	1.5	483.129	21.98	1.5	4.	35.	65.4
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	12	1.176	1.042	1.875	0.176	0.309	0.556	0.176	0.602	1.534	1.803
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.007								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	13	11142.	8188.692	11528.	1143.	23277081.564	4824.633	1181.4	1286.5	11333.	11521.6

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Annual Analysis for 1987 - Station GATE0290

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/03/70-10/17/95	8	13.	13.	22.	7.	24.571	4.957	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	12	5.	6.667	15.	1.	27.697	5.263	1.	1.25	11.5	14.7
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	9	43.	50.833	93.	1.5	1735.25	41.656	1.5	9.	93.	93.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	9	1.633	1.439	1.968	0.176	0.404	0.635	0.176	0.954	1.968	1.968
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			27.498								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	9	9.	20.833	93.	1.5	804.75	28.368	1.5	4.	23.	93.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	9	0.954	1.034	1.968	0.176	0.287	0.535	0.176	0.602	1.362	1.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.806								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	12	6281.	6317.	11540.	1125.	26885778.545	5185.15	1194.9	1371.5	11287.	11479.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GATE0290

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/03/70-10/17/95	10	14.5	15.	26.	6.	42.	6.481	6.3	9.75	19.	25.9
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	10	6.	5.7	10.	0.	7.789	2.791	0.3	4.5	8.	9.8
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	3	21.	35.	75.	9.	1236.	35.157	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	3	1.322	1.384	1.875	0.954	0.215	0.463	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			24.201								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	3	4.	4.167	7.	1.5	7.583	2.754	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	3	0.602	0.541	0.845	0.176	0.115	0.339	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.476								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	10	11162.5	7267.4	11623.	1157.	27220254.933	5217.303	1157.1	1195.5	11323.5	11594.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0290

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/03/70-10/17/95	7	21.	19.571	28.	5.	74.619	8.638	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	7	5.	6.286	15.	1.	25.905	5.09	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	5	23.	113.	430.	4.	32618.5	180.606	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	5	1.362	1.548	2.633	0.602	0.606	0.778	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			35.348								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	5	23.	30.4	93.	4.	1295.8	35.997	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	5	1.362	1.25	1.968	0.602	0.262	0.512	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			17.768								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	7	11147.	8384.571	11400.	1222.	23517820.619	4849.518	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0290

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/03/70-10/17/95	9	19.	16.556	25.	5.	53.778	7.333	5.	8.5	22.5	25.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	9	10.	9.778	15.	4.	17.194	4.147	4.	6.	14.5	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	2	9.	9.	9.	9.	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	2	0.954	0.954	0.954	0.954	0.	0.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			9.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	2	4.	4.	4.	4.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	2	0.602	0.602	0.602	0.602	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0290

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	9	1449.	4672.556	11314.	1232.	24407391.028	4940.384	1232.	1350.	11231.5	11314.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0290

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/03/70-10/17/95	7	24.	20.286	30.	6.	88.905	9.429	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	7	8.	7.857	14.	1.	17.143	4.14	**	**	**	**
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	7	1455.	5611.857	11528.	1256.	28016942.476	5293.103	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0290

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/03/70-10/17/95	11	8.	11.	23.	5.	35.	5.916	5.2	6.	17.	22.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	11	8.	7.455	15.	1.	20.473	4.525	1.2	2.	10.	14.4
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	5	15.	11.9	21.	1.5	58.55	7.652	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	5	1.176	0.939	1.322	0.176	0.213	0.461	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			8.692								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	5	4.	5.5	9.	1.5	11.25	3.354	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	5	0.602	0.658	0.954	0.176	0.104	0.322	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.547								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	11	11118.	7669.909	11658.	1054.	25830201.891	5082.342	1090.6	1255.	11420.	11648.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station GATE0290

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/03/70-10/17/95	3	10.	10.	15.	5.	25.	5.	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	3	14.	12.667	14.	10.	5.333	2.309	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	3	15.	20.333	43.	3.	421.333	20.526	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	3	1.176	1.096	1.633	0.477	0.339	0.582	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			12.461								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	3	3.	5.	9.	3.	12.	3.464	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	3	0.477	0.636	0.954	0.477	0.076	0.275	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.327								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	3	1418.	4660.	11219.	1343.	32266767.	5680.384	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station GATE0290

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/03/70-10/17/95	9	13.	12.	24.	1.	70.25	8.382	1.	2.5	19.	24.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	9	10.	10.667	14.	2.	14.	3.742	2.	10.	14.	14.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	8	13.5	51.25	240.	1.5	6807.286	82.506	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	8	0.982	1.113	2.38	0.176	0.707	0.841	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			12.958								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station GATE0290

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	8	4.	5.875	15.	1.5	22.339	4.726	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	8	0.602	0.64	1.176	0.176	0.135	0.367	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.363								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	9	11038.	6861.667	11531.	1154.	27549831.75	5248.793	1154.	1336.	11365.	11531.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0290

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/03/70-10/17/95	44	20.5	20.523	32.	11.	30.348	5.509	12.	16.25	25.	27.5
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	47	6.	6.957	15.	0.	21.389	4.625	1.	3.	10.	15.
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	36	22.	55.319	430.	1.5	10529.216	102.612	1.5	4.	43.	137.1
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	36	1.342	1.233	2.633	0.176	0.493	0.702	0.176	0.602	1.633	2.092
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			17.108								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	36	8.	15.736	93.	1.5	514.707	22.687	1.5	2.125	15.	43.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	36	0.9	0.864	1.968	0.176	0.293	0.541	0.176	0.283	1.176	1.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.306								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	10	9.1	57.11	460.	3.6	20174.532	142.037	3.6	3.6	22.	418.3
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/88-08/08/95	10	0.959	1.119	2.663	0.556	0.409	0.64	0.556	0.556	1.29	2.56
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			13.166								
70211p	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	47	1507.	6189.489	11605.	1114.	25577348.038	5057.405	1200.	1256.	11251.	11435.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0290

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/03/70-10/17/95	52	7.5	8.115	19.	0.	17.124	4.138	3.3	5.25	10.	14.7
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	61	8.	8.41	20.	0.	24.246	4.924	2.	4.5	14.	15.
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	49	43.	191.184	2400.	3.	229183.945	478.732	9.	15.	130.	240.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	49	1.633	1.724	3.38	0.477	0.442	0.665	0.954	1.176	2.109	2.38
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			52.948								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	44	15.	40.602	240.	1.5	3830.821	61.894	3.5	4.	43.	93.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	44	1.176	1.223	2.38	0.176	0.339	0.582	0.54	0.602	1.633	1.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			16.71								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	12	8.2	15.258	93.	1.5	635.875	25.217	1.5	3.6	13.525	72.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/88-08/08/95	12	0.911	0.881	1.968	0.176	0.248	0.498	0.176	0.556	1.122	1.786
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			7.607								
70211p	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	63	11116.	6563.825	11658.	1015.	25440772.534	5043.885	1200.	1343.	11337.	11511.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

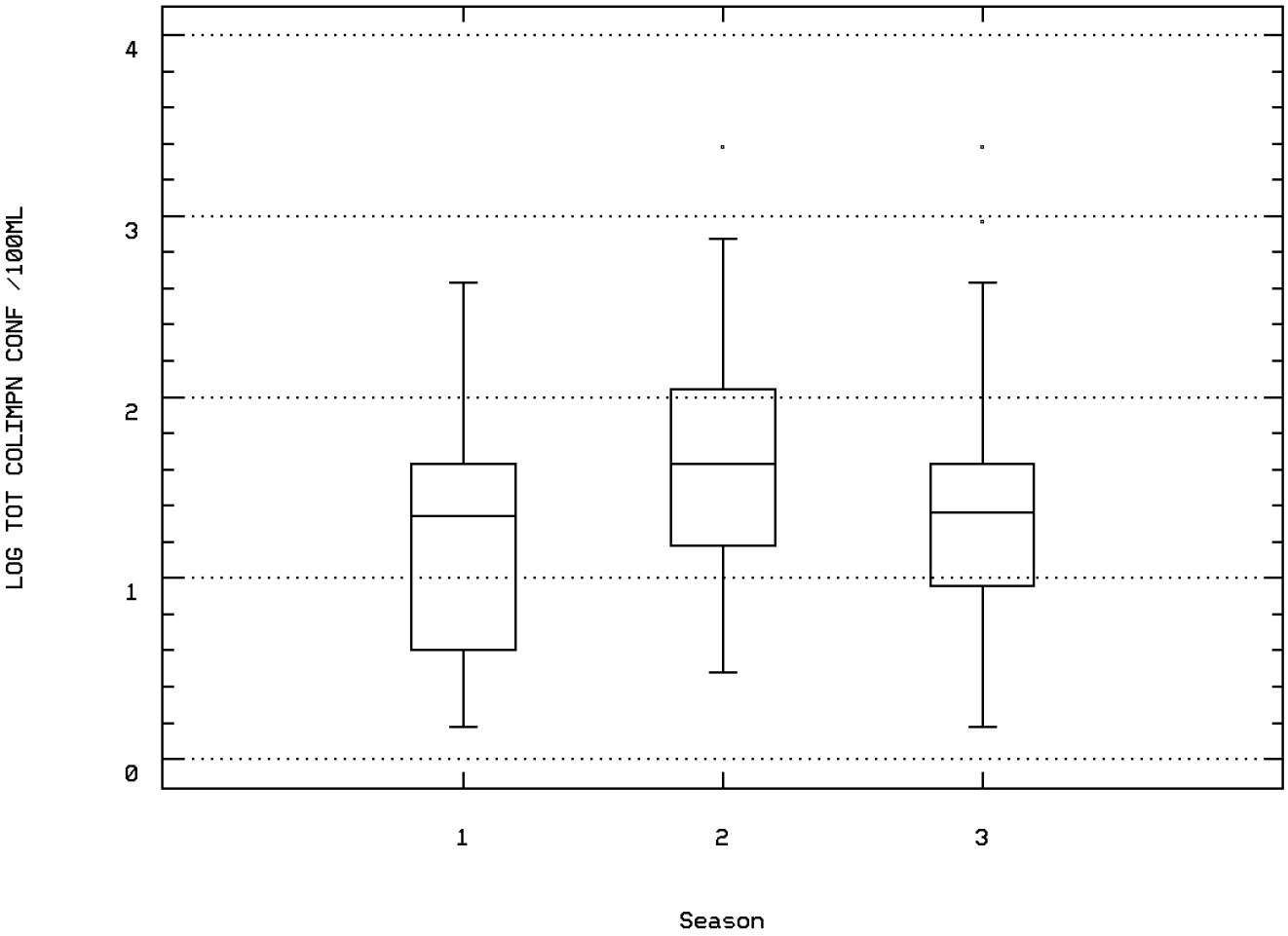
Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0290

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/03/70-10/17/95	72	20.	20.01	31.	8.	35.325	5.943	12.	15.	25.375	28.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	77	6.	7.091	20.	0.	20.794	4.56	2.	3.	10.	14.
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	69	23.	104.159	2400.	1.5	98917.004	314.511	4.	9.	53.5	230.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	69	1.362	1.396	3.38	0.176	0.46	0.678	0.602	0.954	1.72	2.362
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			24.903								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	69	9.	28.188	430.	1.5	3833.001	61.911	1.5	4.	23.	43.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/17/74-10/17/95	69	0.954	1.04	2.633	0.176	0.325	0.57	0.176	0.602	1.362	1.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.961								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	8	8.2	18.775	93.	1.5	943.582	30.718	**	**	**	**
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/88-08/08/95	8	0.911	0.925	1.968	0.176	0.303	0.55	**	**	**	**
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			8.415								
70211p	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	77	11200.	7409.675	11623.	1125.	24154506.222	4914.723	1218.4	1343.	11320.5	11500.

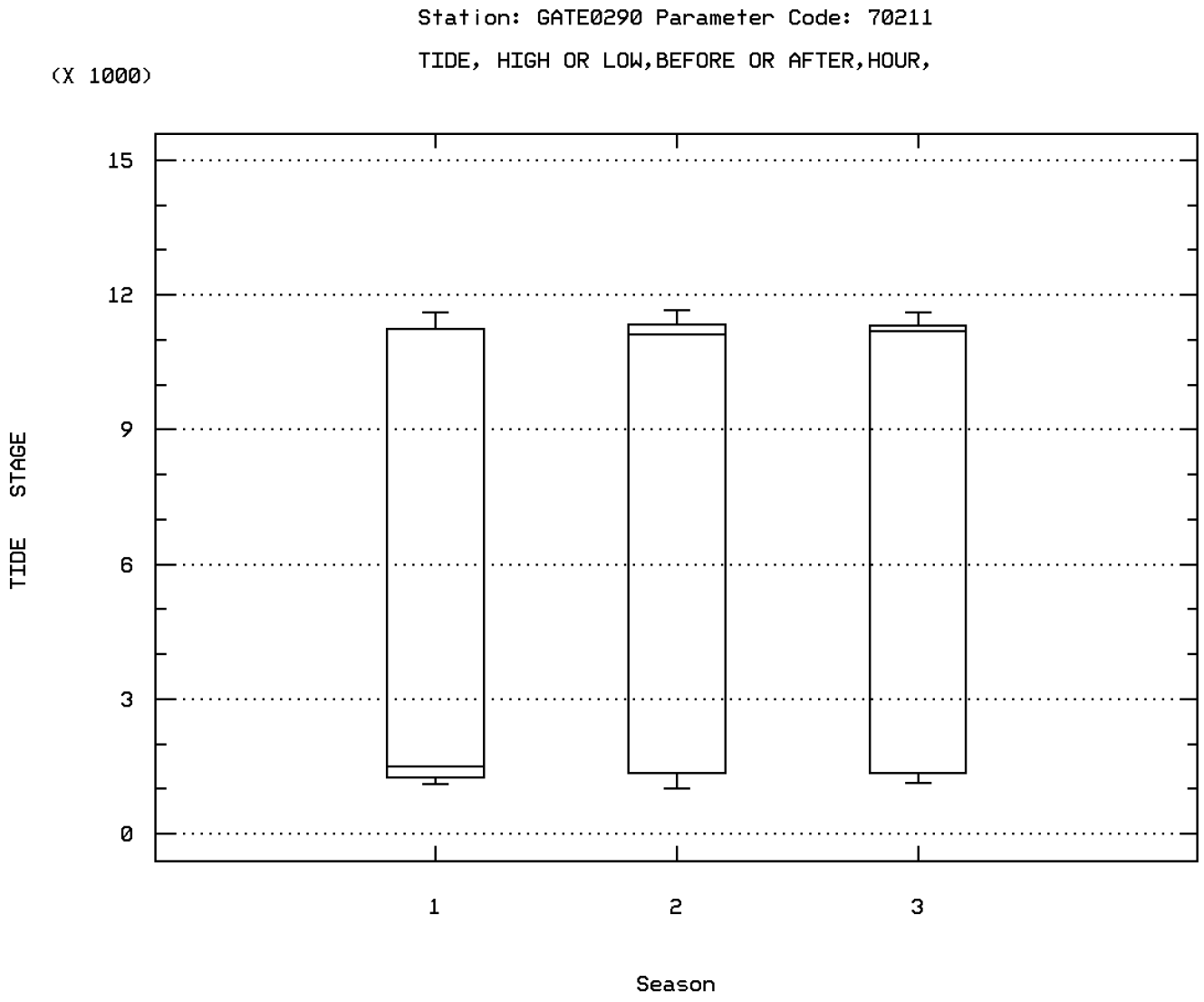
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: GATE0290 Parameter Code: 31505

LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C



NAVESINK RIVER



NAVESINK RIVER

Station Inventory for Station: GATE0291

NPS Station ID: GATE0291 LAT/LON: 40.387226/ -74.013615 Agency: 21NJDEP1 Date Created: 08/08/81
Location: NAVESINK RIVER FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): 1006400010 /1014A /SF03074
RMI-Indexes: 0133006 000020 00080 Within Park Boundary: No
RMI-Miles: 0001.70 0001.70 000.10
HUC: 02030104 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST MAJOR BASIN Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA ECO Region:
RF1 Index: 02030104 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J. TIDE CORRECTION (H/L): (+1:09/+1:45)
ASSOCIATED NOAA WEATHER STATION: 4987

Parameter Inventory for Station: GATE0291

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-02/28/73	5	1.7	1.78	3.3	0.	2.297	1.516	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-02/28/73	5	4.	3.6	6.	0.	5.3	2.302	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-02/28/73	5	36.	105.2	230.	15.	13052.7	114.248	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-02/28/73	5	1.556	1.726	2.362	1.176	0.36	0.6	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			53.258								
31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	02/05/73-02/28/73	5	3.	3.	3.	3.	0.	0.	**	**	**	**
31678	LOG FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATI	02/05/73-02/28/73	5	0.477	0.477	0.477	0.477	0.	0.	**	**	**	**
31678	GM FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATIO	GEOMETRIC MEAN =			3.								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-02/28/73	5	11130.	7278.	11430.	1015.	30246207.5	5499.655	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0291

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	5	0	0.00				5	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0292

NPS Station ID: GATE0292
LAT/LON: 40.477782/ -74.013892
Agency: 1111H030
Date Created: / /
Location: NEW JERSEY BEACHES
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): JC01 /JC1 /JC-1
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: ATLANTIC OCEAN
Elevation: 0
Water Body Id:
Minor Basin: JERSEY COAST-SANDY HOOK LIGHT "15'
ECO Region:
RF1 Index: 02030104013
RF1 Mile Point: 6.750
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
BEACH AT TIP OFF SANDY HOOK OFF FLASHING LIGHT "15"

Parameter Inventory for Station: GATE0292

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/72-11/30/76	2	162.	162.	260.	64.	19208.	138.593	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/72-11/30/76	2	2.111	2.111	2.415	1.806	0.185	0.43	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			128.996								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	11/30/76-11/30/76	1	20.	20.	20.	20.	0.	0.	**	**	**	**
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	11/30/76-11/30/76	1	1.301	1.301	1.301	1.301	0.	0.	**	**	**	**
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			20.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/72-04/17/72	1	4.	4.	4.	4.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/17/72-04/17/72	1	0.602	0.602	0.602	0.602	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4.								
71200	SALMONELLA, MEMBRANE FILTER (/100ML)	04/17/72-04/17/72	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71200	LOG SALMONELLA, MEMBRANE FILTER (/100ML)	04/17/72-04/17/72	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71200	GM SALMONELLA, MEMBRANE FILTER (/100ML)	GEOMETRIC MEAN =			1.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0292

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	0	0.00				1	0	0.00	1	0	0.00			
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	1	0	0.00				1	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0293

NPS Station ID: GATE0293
LAT/LON: 40.381670/ -74.013892
Agency: 21NJDEP1
Date Created: 08/08/81
Location: NAVESINK RIVER
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 100080019E /1013E /SF03078 /C22
RMI-Indexes: 0133006 000020
Within Park Boundary: No
RMI-Miles: 0001.70 0001.90
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST MAJOR BASIN
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA
ECO Region:
RF1 Index: 02030104008
RF1 Mile Point: 1.740
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J.
TIDE CORRECTION (H/L): (+1:09/+1:45)
ASSOCIATED NOAA WEATHER STATION: 4987

Parameter Inventory for Station: GATE0293

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GATE0294

NPS Station ID: GATE0294 LAT/LON: 40.467227/ -74.014171 Agency: 21NJDEP1 Date Created: 04/04/81
Location: SANDY HOOK BAY FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): L6999837169 /914E /SF02048
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 02030104 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST MAJOR BASIN Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA ECO Region:
RF1 Index: 02030104013 RF1 Mile Point: 6.110 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J. TIDE CORRECTION (H/L): (-0:01/ 0:00)
ASSOCIATED NOAA WEATHER STATION: 7865

Parameter Inventory for Station: GATE0294

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-05/18/92	57	18.3	16.072	25.	0.	54.027	7.35	4.66	10.	22.	23.3
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	141	18.	18.872	36.	0.	72.612	8.521	8.	12.	26.	30.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	160	4.	4.856	20.	0.	13.407	3.662	1.	2.	7.75	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	140	15.	258.904	11000.	1.5	1134701.78	1065.224	1.5	4.	93.	460.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	140	1.176	1.31	4.041	0.176	0.887	0.942	0.176	0.602	1.968	2.663
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			20.434								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	133	4.	74.823	4600.	1.5	201824.997	449.249	1.5	1.5	15.	75.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	133	0.602	0.811	3.663	0.176	0.52	0.721	0.176	0.176	1.176	1.875
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.479								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/15/90-05/18/92	18 ##	1.5	4.194	23.	1.5	30.216	5.497	1.5	1.5	4.975	10.49
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	05/15/90-05/18/92	18 ##	0.176	0.415	1.362	0.176	0.148	0.384	0.176	0.176	0.657	0.999
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			2.598								
31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	08/10/73-12/01/78	14	3.5	3.5	4.	3.	0.269	0.519	3.	3.	4.	4.
31678	LOG FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATI	08/10/73-12/01/78	14	0.54	0.54	0.602	0.477	0.004	0.065	0.477	0.477	0.602	0.602
31678	GM FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATIO	GEOMETRIC MEAN =			3.464								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	161	11105.	6631.124	11552.	1042.	24631326.409	4962.996	1229.2	1334.5	11230.	11400.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0294

				Total	Exceed	Prop.	----------8/01-10/31----------			----------11/01-3/31----------			----------4/01-7/31----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	140	8	0.06	33	0	0.00	43	5	0.12	64	3	0.05			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	133	5	0.04	26	1	0.04	43	3	0.07	64	1	0.02			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1973 - Station GATE0294

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	7	5.	6.	12.	3.	8.	2.828	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	7	43.	91.643	240.	1.5	11226.893	105.957	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	7	1.633	1.477	2.38	0.176	0.769	0.877	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			29.98								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	7	1530.	5590.714	11215.	1045.	27380203.571	5232.61	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GATE0294

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	10	7.5	8.3	20.	0.	34.9	5.908	0.2	4.25	11.25	19.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	10	121.5	325.1	1100.	9.	185495.656	430.692	9.	13.5	620.	1100.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	10	2.072	2.023	3.041	0.954	0.629	0.793	0.954	1.121	2.757	3.041
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			105.438								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	10	18.	50.3	240.	1.5	5465.511	73.929	1.5	3.375	79.5	225.3
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	10	1.249	1.226	2.38	0.176	0.572	0.756	0.176	0.496	1.898	2.339
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			16.842								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	10	1330.	4256.5	11430.	1100.	23331916.944	4830.312	1100.	1186.25	11097.5	11417.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GATE0294

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	10	26.	24.9	30.	10.	32.1	5.666	11.4	24.	28.25	29.9
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	9	3.	4.111	15.	1.	21.361	4.622	1.	1.	5.5	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	10	8.	252.2	2400.	1.5	569766.344	754.829	1.5	3.375	43.	2164.3
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	10	0.9	1.096	3.38	0.176	0.898	0.947	0.176	0.496	1.633	3.206
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			12.465								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	10	4.	18.4	75.	1.5	673.267	25.947	1.5	1.5	43.	71.8
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	10	0.602	0.8	1.875	0.176	0.467	0.683	0.176	0.176	1.633	1.851
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.316								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	10	11230.	9299.5	11530.	1230.	17942280.278	4235.833	1237.	8725.	11358.75	11517.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GATE0294

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	7	16.	19.	32.	6.	95.667	9.781	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	7	5.	4.143	10.	0.	10.81	3.288	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	7	43.	521.214	2400.	1.5	846485.821	920.047	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	7	1.633	1.664	3.38	0.176	1.491	1.221	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			46.114								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	7	4.	353.571	2400.	1.5	814539.536	902.518	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	7	0.602	1.127	3.38	0.176	1.289	1.135	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			13.411								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	7	11200.	7007.143	11330.	1245.	27876432.143	5279.814	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station GATE0294

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	9	26.	26.556	36.	15.	45.778	6.766	15.	22.	32.	36.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	9	5.	4.889	10.	2.	6.611	2.571	2.	2.5	6.5	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	9	4.	78.222	460.	1.5	23095.319	151.971	1.5	1.5	112.5	460.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	9	0.602	0.997	2.663	0.176	0.974	0.987	0.176	0.176	2.026	2.663
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			9.935								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	9 ##	1.5	4.944	15.	1.5	24.278	4.927	1.5	1.5	9.	15.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	9 ##	0.176	0.507	1.176	0.176	0.176	0.419	0.176	0.176	0.954	1.176
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.217								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	9	11200.	6875.556	11500.	1230.	27939752.778	5285.807	1230.	1280.	11365.	11500.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GATE0294

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	6	18.5	17.167	28.	0.	108.967	10.439	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	6	1.5	3.	10.	0.	16.	4.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	6	12.5	481.75	2400.	1.5	915915.375	957.035	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	6	0.962	1.458	3.38	0.176	1.655	1.286	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			28.679								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	6 ##	1.5	16.75	93.	1.5	1395.375	37.355	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	6 ##	0.176	0.475	1.968	0.176	0.535	0.732	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.984								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	6	11300.	8031.667	11500.	1230.	26961336.667	5192.431	**	**	**	**

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Annual Analysis for 1981 - Station GATE0294

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	11	15.	16.364	30.	6.	70.255	8.382	6.2	9.	23.	29.8
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	11	3.	3.636	10.	0.	10.055	3.171	0.	1.	7.	9.4
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	11	9.	73.227	390.	1.5	16183.468	127.214	1.5	1.5	93.	360.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	11	0.954	1.07	2.591	0.176	0.925	0.962	0.176	0.176	1.968	2.549
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			11.748								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	11	4.	18.409	140.	1.5	1675.041	40.927	1.5	1.5	15.	116.6
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	11	0.602	0.702	2.146	0.176	0.421	0.649	0.176	0.176	1.176	1.989
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.036								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	11	1422.	4033.636	11230.	1154.	21313616.055	4616.667	1163.2	1259.	11200.	11230.

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Annual Analysis for 1982 - Station GATE0294

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	10	17.	17.7	35.	9.	59.344	7.704	9.2	11.75	20.5	34.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	10	5.	4.9	8.	1.	4.989	2.234	1.2	3.	6.5	8.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	10	33.	41.1	93.	4.	1147.433	33.874	4.5	13.5	78.	93.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	10	1.517	1.438	1.968	0.602	0.207	0.456	0.637	1.121	1.89	1.968
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			27.388								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	10 ##	15.	11.65	23.	1.5	45.781	6.766	1.75	4.	15.	22.2
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	10 ##	1.176	0.958	1.362	0.176	0.141	0.375	0.219	0.602	1.176	1.343
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.071								

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Annual Analysis for 1982 - Station GATE0294

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	10	6341.5	6321.5	11430.	1244.	27459404.278	5240.172	1250.5	1323.25	11269.25	11417.6

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Annual Analysis for 1983 - Station GATE0294

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	11	16.	17.727	29.	7.	47.018	6.857	7.8	12.	23.	28.4
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	11	5.	5.273	10.	1.	11.018	3.319	1.2	2.	8.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	11	21.	531.5	4600.	1.5	1894948.85	1376.571	2.	4.	150.	3866.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	11	1.322	1.538	3.663	0.176	1.132	1.064	0.261	0.602	2.176	3.524
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			34.539								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	11	9.	31.409	150.	1.5	2051.441	45.293	2.	4.	43.	134.6
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	11	0.954	1.102	2.176	0.176	0.396	0.629	0.261	0.602	1.633	2.114
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.642								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	11	1522.	5871.455	11519.	1207.	27158617.673	5211.393	1211.4	1229.	11344.	11498.6

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Annual Analysis for 1984 - Station GATE0294

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	15	17.	16.933	30.	4.	69.924	8.362	5.2	8.	23.	29.4
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	15	5.	5.867	12.	1.	13.695	3.701	1.6	3.	10.	11.4
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	15	43.	153.	930.	1.5	67961.964	260.695	1.5	4.	230.	630.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	15	1.633	1.477	2.968	0.176	0.842	0.917	0.176	0.602	2.362	2.767
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			30.025								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	15	4.	28.6	150.	1.5	2126.614	46.115	1.5	1.5	43.	115.8
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	15	0.602	0.906	2.176	0.176	0.505	0.711	0.176	0.176	1.633	2.052
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.056								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	15	11105.	7295.667	11338.	1245.	24416447.81	4941.3	1295.4	1532.	11216.	11323.

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Annual Analysis for 1985 - Station GATE0294

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	10	18.5	19.6	31.	9.	59.378	7.706	9.1	13.	26.5	30.7
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	10	4.5	4.6	9.	1.	8.489	2.914	1.1	2.	8.	8.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	10 ##	7.75	1110.85	11000.	1.5	12073683.225	3474.721	1.5	1.5	28.	9904.3
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	10 ##	0.661	1.039	4.041	0.176	1.476	1.215	0.176	0.176	1.43	3.801
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			10.928								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	10 ##	2.25	462.75	4600.	1.5	2113195.292	1453.683	1.5	1.5	5.25	4140.9
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	10 ##	0.327	0.718	3.663	0.176	1.142	1.069	0.176	0.176	0.69	3.392
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.222								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	10	11127.	7236.9	11313.	1131.	26194840.1	5118.089	1143.2	1322.	11241.	11307.3

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Annual Analysis for 1986 - Station GATE0294

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	10	13.5	17.3	32.	4.	121.122	11.006	4.2	7.5	29.	31.7
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	10	3.	4.8	12.	1.	19.067	4.367	1.	1.75	10.25	11.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	9	7.	57.833	460.	1.5	22789.563	150.962	1.5	1.5	18.	460.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	9	0.845	0.899	2.663	0.176	0.629	0.793	0.176	0.176	1.249	2.663
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			7.924								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	9 ##	1.5	53.556	460.	1.5	23237.09	152.437	1.5	1.5	6.5	460.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	9 ##	0.176	0.586	2.663	0.176	0.682	0.826	0.176	0.176	0.778	2.663
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.856								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	10	6183.5	6215.6	11552.	1119.	28184798.711	5308.936	1121.1	1191.75	11179.25	11522.3

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Annual Analysis for 1987 - Station GATE0294

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	7	15.	17.286	33.	9.	69.571	8.341	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	10	2.	3.6	9.	1.	10.933	3.307	1.	1.	8.	8.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	8	16.	50.938	230.	1.5	6183.603	78.636	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	8	1.158	1.207	2.362	0.176	0.568	0.754	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			16.124								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	8	6.5	16.438	43.	1.5	313.817	17.715	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	8	0.778	0.946	1.633	0.176	0.295	0.543	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.824								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	10	11137.5	9227.9	11416.	1250.	17071269.433	4131.739	1278.5	8633.75	11237.75	11406.5

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Annual Analysis for 1988 - Station GATE0294

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	8	21.	19.	31.	2.	114.857	10.717	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	8	4.	4.75	12.	1.	11.357	3.37	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	8 ##	12.25	74.375	430.	1.5	21668.982	147.204	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	8 ##	0.769	1.038	2.633	0.176	0.977	0.989	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			10.907								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	8 ##	1.5	4.938	15.	1.5	35.174	5.931	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	8 ##	0.176	0.46	1.176	0.176	0.198	0.445	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.884								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	8	6236.5	6316.625	11434.	1318.	27795129.125	5272.109	**	**	**	**

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Annual Analysis for 1989 - Station GATE0294

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	7	18.	17.571	29.	1.	97.952	9.897	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	7	2.	3.143	8.	1.	7.143	2.673	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	7	21.	84.143	460.	4.	27726.143	166.512	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	7	1.322	1.395	2.663	0.602	0.457	0.676	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			24.811								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	7 ##	1.5	37.857	240.	1.5	7969.643	89.273	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	7 ##	0.176	0.695	2.38	0.176	0.693	0.832	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.951								

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Annual Analysis for 1989 - Station GATE0294

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	7	1457.	5639.571	11358.	1324.	27870929.619	5279.293	**	**	**	**

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Annual Analysis for 1990 - Station GATE0294

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	8	19.5	20.5	31.	10.	70.857	8.418	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	8	3.5	3.625	8.	1.	5.696	2.387	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	2	## 5.25	5.25	9.	1.5	28.125	5.303	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	2	## 0.565	0.565	0.954	0.176	0.303	0.55	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			3.674								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	2	## 2.75	2.75	4.	1.5	3.125	1.768	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	2	## 0.389	0.389	0.602	0.176	0.091	0.301	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.449								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	8	6265.	6251.375	11344.	1235.	27847163.125	5277.041	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0294

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	8	17.5	18.625	30.	11.	50.268	7.09	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	8	6.5	6.125	12.	1.	17.839	4.224	**	**	**	**
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	8	11144.5	7578.75	11503.	1230.	26187025.071	5117.326	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0294

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	4	12.	13.25	22.	7.	50.25	7.089	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	4	4.	5.25	12.	1.	22.25	4.717	**	**	**	**
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	4	6270.5	6183.75	11152.	1042.	32217164.25	5676.017	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0294

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-05/18/92	13	23.3	22.585	25.	16.	5.721	2.392	17.6	21.85	23.95	25.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	31	23.	21.935	36.	7.	50.996	7.141	11.6	16.	27.	30.8
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	40	5.	5.1	12.	1.	9.682	3.112	2.	3.	6.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	33	4.	46.591	460.	1.5	9410.96	97.01	1.5	1.5	32.	204.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	33	0.602	0.988	2.663	0.176	0.581	0.762	0.176	0.176	1.478	2.299
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			9.724								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	26	4.	14.442	240.	1.5	2149.727	46.365	1.5	1.5	6.75	21.6
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	26	0.602	0.631	2.38	0.176	0.26	0.51	0.176	0.176	0.822	1.334
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.276								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	40	11066.	6534.725	11430.	1045.	24781780.153	4978.13	1229.1	1423.25	11207.5	11346.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0294

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-05/18/92	14	5.3	5.029	10.	0.	9.487	3.08	0.3	2.075	8.	9.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	45	10.	9.911	17.	0.	17.401	4.171	4.	7.5	12.	16.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	50	4.	4.92	20.	0.	18.769	4.332	1.	1.	8.	10.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	43	43.	521.86	11000.	1.5	3062263.551	1749.932	1.5	9.	230.	1880.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	43	1.633	1.626	4.041	0.176	1.004	1.002	0.176	0.954	2.362	3.245
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			42.276								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	43	9.	192.547	4600.	1.5	609439.867	780.666	1.5	1.5	43.	127.2
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	43	0.954	1.02	3.663	0.176	0.763	0.874	0.176	0.176	1.633	2.093
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.481								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	50	1535.	5923.84	11530.	1042.	25056078.627	5005.605	1230.	1324.75	11236.25	11428.7

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0294

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-05/18/92	30	20.	18.403	23.	10.	14.197	3.768	12.	16.	21.025	22.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	65	26.	23.615	35.	10.	39.115	6.254	14.6	18.5	28.5	30.4
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	70	3.5	4.671	15.	0.	12.021	3.467	1.	2.	7.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	64	9.	191.703	4600.	1.5	381864.887	617.952	1.5	4.	87.	460.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	64	0.954	1.265	3.663	0.176	0.867	0.931	0.176	0.602	1.938	2.663
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			18.387								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	64	4.	20.258	240.	1.5	1736.667	41.673	1.5	1.5	15.	58.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	64	0.602	0.744	2.38	0.176	0.429	0.655	0.176	0.176	1.176	1.748
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.552								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	71	11135.	7183.521	11552.	1100.	24281793.996	4927.656	1208.2	1329.	11256.	11389.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0295

NPS Station ID: GATE0295
LAT/LON: 40.496393/ -74.014171
Agency: 21NJDEP1
Date Created: 11/01/80
Location: LOWER NY BAY AT ROMER SHOAL LGTH
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): L7004937345 /LNY18 /SF180
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST MAJOR BASIN
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0295

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/25/76-07/26/78	4	15.	15.5	22.	10.	41.	6.403	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/25/76-07/26/78	5	5.	4.6	7.	3.	2.8	1.673	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/25/76-07/26/78	5	5.	3.	5.	0.	7.5	2.739	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/25/76-07/26/78	5	20570.	16558.6	26620.	2420.	88471939.8	9405.952	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/25/76-12/15/77	3	6.9	7.533	9.	6.7	1.623	1.274	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	10/25/76-07/26/78	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00312	BOD, 6 DAY, 20 DEG C MG/L	08/08/77-04/24/78	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/25/76-07/26/78	3	8.2	8.1	8.2	7.9	0.03	0.173	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/25/76-07/26/78	3	8.2	8.076	8.2	7.9	0.031	0.176	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/25/76-07/26/78	3	0.006	0.008	0.013	0.006	0.	0.004	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	10/25/76-07/26/78	5	42856.	44086.	49776.	40216.	16799072.	4098.667	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	10/25/76-07/26/78	5	26848.	25952.	28124.	20922.	8459566.	2908.533	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/25/76-07/26/78	5	82.	93.4	128.	62.	776.8	27.871	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10/25/76-07/26/78	5	65.	74.2	108.	46.	771.7	27.779	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/25/76-07/26/78	5	0.8	1.07	2.	0.05	0.792	0.89	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/25/76-07/26/78	5	1.2	1.304	2.	0.2	0.558	0.747	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/25/76-07/26/78	5 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/25/76-07/26/78	5	0.21	0.182	0.34	0.03	0.014	0.118	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	10/25/76-07/26/78	5 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/25/76-07/26/78	5	5.	12.2	30.	3.	141.7	11.904	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	10/25/76-07/26/78	5	11.	18.6	40.	5.	211.3	14.536	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	10/25/76-07/26/78	5	5.	5.8	8.	5.	1.7	1.304	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	10/25/76-07/26/78	5	41.	36.	58.	5.	441.5	21.012	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/25/76-07/26/78	2	76.5	76.5	130.	23.	5724.5	75.66	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/25/76-07/26/78	2	1.738	1.738	2.114	1.362	0.283	0.532	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			54.681								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/25/76-07/26/78	2	76.5	76.5	130.	23.	5724.5	75.66	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/25/76-07/26/78	2	1.738	1.738	2.114	1.362	0.283	0.532	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			54.681								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	10/25/76-07/26/78	4	1001.	3501.	11001.	1001.	25000000.	5000.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	10/25/76-07/26/78	5 ##	0.5	0.56	0.8	0.5	0.018	0.134	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0295

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	5	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3	0	0.00	2	0	0.00	1	0	0.00						
00400	PH	Other-Hi Lim.	9.	3	0	0.00	1	0	0.00				2	0	0.00			
		Other-Lo Lim.	6.5	3	0	0.00	1	0	0.00				2	0	0.00			
01027	CADMIUM, TOTAL	Marine Acute	43.	5	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00			
01042	COPPER, TOTAL	Marine Acute	2.9	3 &	3	1.00				1	1	1.00	2	2	1.00			
01051	LEAD, TOTAL	Marine Acute	220.	5	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00			
01092	ZINC, TOTAL	Marine Acute	95.	5	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	0	0.00							2	0	0.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	2	0	0.00							2	0	0.00			
71900	MERCURY, TOTAL	Marine Acute	2.1	5	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0296

NPS Station ID: GATE0296
LAT/LON: 40.383615/ -74.014171
Agency: 21NJDEP1
Date Created: 07/12/80
Location: NAVESINK RIVER AT OCEANIC BRIDGE
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 1000800190 /ESNM0040 /RT010
RMI-Indexes: 0133006 000020
Within Park Boundary: No
RMI-Miles: 0001.70 0001.90
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST MAJOR BASIN
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA
ECO Region:
RF1 Index: 02030104008
RF1 Mile Point: 1.740
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0296

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/27/73-09/30/81	145	18.5	15.872	29.	-1.5	74.913	8.655	4.	8.75	23.	25.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/27/73-05/30/79	137	19.	17.309	31.6	-3.	88.751	9.421	4.9	3.5	25.25	28.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/27/73-07/15/81	145	6.	6.888	30.	0.	18.679	4.322	3.	4.	9.	10.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/30/81-09/30/81	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	01/02/74-04/23/79	118	42.	45.864	106.	12.	368.033	19.184	24.	33.	60.	72.
00080	COLOR (PLATINUM-COBALT UNITS)	11/27/73-09/30/81	148	0.	0.169	10.	0.	1.502	1.226	0.	0.	0.	0.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/11/78-06/14/79	5	20101.	22061.6	29787.	15909.	45061085.8	6712.755	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/27/73-09/30/81	147	8.	8.624	19.2	0.9	7.592	2.755	5.2	6.9	10.2	12.36
00300	OXYGEN, DISSOLVED MG/L	11/27/73-05/30/79	141	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00310	BOD, 5 DAY, 20 DEG C MG/L	12/11/73-06/14/79	122	3.	3.598	10.	1.	3.218	1.794	2.	2.	5.	6.
00312	BOD, 6 DAY, 20 DEG C MG/L	11/27/73-05/30/79	144	0.3	0.328	3.	0.3	0.057	0.239	0.3	0.3	0.3	0.3
00315	BOD, 7 DAY, 20 DEG C MG/L	11/27/73-05/30/79	141	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00335	COD, .025N K2CR2O7 MG/L	07/15/81-07/15/81	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	09/30/81-09/30/81	1	710.	710.	710.	710.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	11/27/73-07/15/81	146	7.7	7.765	9.	6.4	0.183	0.428	7.3	7.5	8.	8.3
00400	CONVERTED PH (STANDARD UNITS)	11/27/73-07/15/81	146	7.7	7.547	9.	6.4	0.231	0.48	7.3	7.5	8.	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/27/73-07/15/81	146	0.02	0.028	0.398	0.001	0.002	0.042	0.005	0.01	0.032	0.05
00403	PH, LAB, STANDARD UNITS SU	09/30/81-09/30/81	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/30/81-09/30/81	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/81-09/30/81	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/27/73-09/30/81	147	97.	95.986	200.	1.	280.397	16.745	80.	90.	102.	110.2
00480	SALINITY - PARTS PER THOUSAND	11/27/73-09/30/81	127	20.	19.146	45.3	0.2	75.073	8.664	2.5	15.5	23.8	29.68
00500	RESIDUE, TOTAL (MG/L)	06/10/75-09/30/81	9	30676.	31706.	49316.	22724.	80838983.	8991.05	22724.	24371.	38424.	49316.
00510	RESIDUE, TOTAL FIXED (MG/L)	02/10/75-02/10/75	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/11/78-09/30/81	7	23.	35.714	82.	14.	767.905	27.711	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/27/73-07/15/81	146	0.5	0.614	3.5	0.	0.415	0.645	0.	0.05	1.	1.36
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/27/73-09/30/81	148	0.034	0.05	0.585	0.001	0.005	0.071	0.01	0.016	0.056	0.105
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/11/78-07/15/81	6	0.665	0.78	1.5	0.12	0.342	0.584	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/11/78-09/30/81	5 ##	0.005	0.095	0.33	0.005	0.02	0.142	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/27/73-09/30/81	146	0.295	0.327	2.	0.	0.062	0.249	0.08	0.16	0.473	0.59
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/27/73-09/30/81	144	0.2	0.22	0.6	0.	0.022	0.148	0.05	0.09	0.3	0.455
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/15/81-09/30/81	2	20.15	20.15	34.	6.3	383.645	19.587	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/27/73-09/30/81	142	15000.	15076.761	56500.	1300.	30814385.176	5551.071	10290.	12412.5	17587.5	19500.
00945	SULFATE, TOTAL (MG/L AS SO4)	09/11/78-09/30/81	7	2200.	2209.	2950.	1700.	246417.	496.404	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	01/31/79-05/30/79	5	1.	1.9	5.5	0.	5.55	2.356	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	09/11/78-09/30/81	6 ##	5.	9.333	21.	5.	48.667	6.976	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	09/11/78-09/30/81	5 ##	0.5	1.3	4.	0.5	2.325	1.525	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/11/78-09/30/81	6	17.5	19.167	37.	7.	121.367	11.017	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GATE0296

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01042	COPPER, TOTAL (UG/L AS CU)	09/11/78-09/30/81	6	29.5	54.	183.	23.	4008.	63.309	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/11/78-09/30/81	6 ##	60.	126.167	343.	10.	21923.367	148.065	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/11/78-09/30/81	6 ##	5.	6.417	16.	2.5	23.042	4.8	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	09/11/78-09/30/81	6	58.	58.667	102.	34.	585.067	24.188	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	09/11/78-09/30/81	5	30.	80.	183.	1.	7514.	86.683	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/11/78-09/30/81	6	38.5	44.167	100.	14.	888.167	29.802	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/27/73-09/30/81	149	80.	396.591	16000.	2.	2019729.541	1421.172	10.	20.	230.	790.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	11/27/73-09/30/81	149	1.903	1.936	4.204	0.301	0.497	0.705	1.	1.301	2.362	2.898
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			86.212								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/27/73-09/30/81	149	40.	74.443	790.	2.	14263.397	119.429	10.	10.	80.	170.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/27/73-09/30/81	149	1.602	1.549	2.898	0.301	0.258	0.508	1.	1.	1.903	2.23
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			35.378								
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	11/27/73-09/30/81	148	8.	162.189	5400.	1.	345139.447	587.486	1.	2.	70.	350.
31677	LOG FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678	11/27/73-09/30/81	148	0.903	1.105	3.732	0.	0.927	0.963	0.	0.301	1.845	2.544
31677	GM FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	GEOMETRIC MEAN =			12.744								
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	09/11/78-09/30/81	7 ##	0.05	0.073	0.15	0.005	0.004	0.062	**	**	**	**
45501	HYDROCARBON IN WATER, FREON EXT, CHROMAT, IR MG/L	09/11/78-06/14/79	5 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	11/27/73-10/01/80	107	11045.	7257.196	11545.	1000.	24081152.48	4907.255	1143.4	1400.	11300.	11515.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/11/78-09/30/81	7	23912.	22806.	27364.	17594.	16375370.667	4046.649	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	09/11/78-09/30/81	6 ##	0.5	0.417	0.5	0.25	0.017	0.129	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	05/30/79-05/30/79	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
82028	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI(CAL)	11/27/73-05/30/79	105	4.	7.719	40.	0.03	93.367	9.663	0.16	0.9	10.	25.
82028	LOG RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI(	11/27/73-05/30/79	105	0.602	0.419	1.602	-1.523	0.641	0.801	-0.819	-0.046	1.	1.398
82028	GM RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI(C	GEOMETRIC MEAN =			2.627								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0296

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	145	0	0.00	51	0	0.00	43	0	0.00	51	0	0.00			
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	147	3	0.02	53	3	0.06	43	0	0.00	51	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	141	141	1.00	50	50	1.00	42	42	1.00	49	49	1.00			
00400	PH	Other-Hi Lim.	8.5	146	10	0.07	52	0	0.00	42	8	0.19	52	2	0.04			
		Other-Lo Lim.	6.5	146	1	0.01	52	1	0.02	42	0	0.00	52	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
01002	ARSENIC, TOTAL	Marine Acute	69.	6	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00			
01027	CADMIUM, TOTAL	Marine Acute	43.	5	0	0.00	3	0	0.00	1	0	0.00	1	0	0.00			
01042	COPPER, TOTAL	Marine Acute	2.9	6	6	1.00	3	3	1.00	1	1	1.00	2	2	1.00			
01051	LEAD, TOTAL	Marine Acute	220.	6	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00			
01067	NICKEL, TOTAL	Marine Acute	75.	5	2	0.40	3	1	0.33	1	0	0.00	1	1	1.00			
01092	ZINC, TOTAL	Marine Acute	95.	6	1	0.17	3	1	0.33	1	0	0.00	2	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	149	13	0.09	56	3	0.05	43	6	0.14	50	4	0.08			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	149	14	0.09	56	6	0.11	43	6	0.14	50	2	0.04			
71900	MERCURY, TOTAL	Marine Acute	2.1	6	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1973 - Station GATE0296

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/27/73-09/30/81	2	7.5	7.5	9.5	5.5	8.	2.828	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/27/73-05/30/79	2	7.5	7.5	11.	4.	24.5	4.95	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/27/73-07/15/81	2	2.	2.	4.	0.	8.	2.828	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	11/27/73-09/30/81	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/27/73-09/30/81	2	9.45	9.45	10.4	8.5	1.805	1.344	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/27/73-05/30/79	2	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	12/11/73-06/14/79	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00312	BOD, 6 DAY, 20 DEG C MG/L	11/27/73-05/30/79	2	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00315	BOD, 7 DAY, 20 DEG C MG/L	11/27/73-05/30/79	2	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	11/27/73-07/15/81	2	7.3	7.3	7.6	7.	0.18	0.424	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/27/73-07/15/81	2	7.204	7.204	7.6	7.	0.199	0.446	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/27/73-07/15/81	2	0.063	0.063	0.1	0.025	0.003	0.053	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/27/73-09/30/81	2	97.	97.	98.	96.	2.	1.414	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	11/27/73-09/30/81	2	1.45	1.45	2.7	0.2	3.125	1.768	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/27/73-07/15/81	2	1.	1.	1.	1.	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/27/73-09/30/81	2	0.065	0.065	0.08	0.05	0.	0.021	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/27/73-09/30/81	2	0.4	0.4	0.5	0.3	0.02	0.141	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/27/73-09/30/81	2	0.23	0.23	0.24	0.22	0.	0.014	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/27/73-09/30/81	2	8900.	8900.	16500.	1300.	115520000.	10748.023	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/27/73-09/30/81	2	185.	185.	330.	40.	42050.	205.061	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	11/27/73-09/30/81	2	2.06	2.06	2.519	1.602	0.42	0.648	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			114.891								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/27/73-09/30/81	2	60.	60.	80.	40.	800.	28.284	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/27/73-09/30/81	2	1.753	1.753	1.903	1.602	0.045	0.213	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			56.569								
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	11/27/73-09/30/81	2	181.5	181.5	350.	13.	56784.5	238.295	**	**	**	**
31677	LOG FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678	11/27/73-09/30/81	2	1.829	1.829	2.544	1.114	1.023	1.011	**	**	**	**
31677	GM FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	GEOMETRIC MEAN =			67.454								

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Annual Analysis for 1974 - Station GATE0296

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/27/73-09/30/81	36	15.	14.861	27.	0.	76.009	8.718	1.85	6.5	23.375	25.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/27/73-05/30/79	36	13.5	15.35	31.	-1.1	87.068	9.331	4.7	5.85	24.75	27.95
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/27/73-07/15/81	37	5.	5.405	16.	2.	9.026	3.004	2.8	3.	6.	10.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	01/02/74-04/23/79	32	43.	47.875	106.	18.	469.274	21.663	24.	30.75	60.	82.2
00080	COLOR (PLATINUM-COBALT UNITS)	11/27/73-09/30/81	37	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/27/73-09/30/81	37	7.9	8.238	13.8	0.9	6.16	2.482	4.88	7.05	10.15	11.
00300	OXYGEN, DISSOLVED MG/L	11/27/73-05/30/79	37	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00310	BOD, 5 DAY, 20 DEG C MG/L	12/11/73-06/14/79	32	4.	3.875	8.	1.	2.887	1.699	2.	2.25	5.	6.
00312	BOD, 6 DAY, 20 DEG C MG/L	11/27/73-05/30/79	37	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00315	BOD, 7 DAY, 20 DEG C MG/L	11/27/73-05/30/79	37	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00400	PH (STANDARD UNITS)	11/27/73-07/15/81	37	7.8	7.768	8.7	6.4	0.226	0.475	7.24	7.45	8.2	8.32
00400	CONVERTED PH (STANDARD UNITS)	11/27/73-07/15/81	37	7.8	7.463	8.7	6.4	0.321	0.566	7.24	7.45	8.2	8.32
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/27/73-07/15/81	37	0.016	0.034	0.398	0.002	0.004	0.067	0.005	0.006	0.036	0.06
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/27/73-09/30/81	36	94.	92.25	130.	1.	434.764	20.851	75.5	89.	102.	107.3
00480	SALINITY - PARTS PER THOUSAND	11/27/73-09/30/81	37	17.5	14.703	31.3	1.1	89.205	9.445	1.68	2.4	22.25	24.76
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/27/73-07/15/81	37	0.5	0.608	3.5	0.	0.419	0.647	0.	0.	1.	1.
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/27/73-09/30/81	37	0.042	0.045	0.248	0.002	0.002	0.04	0.011	0.022	0.055	0.072
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/27/73-09/30/81	37	0.3	0.372	2.	0.	0.147	0.384	0.05	0.1	0.5	1.
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/27/73-09/30/81	37	0.2	0.219	0.5	0.	0.029	0.17	0.02	0.06	0.36	0.5
00940	CHLORIDE,TOTAL IN WATER MG/L	11/27/73-09/30/81	37	15000.	15550.	29000.	2000.	26502500.	5148.058	9400.	13000.	18000.	22600.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/27/73-09/30/81	35	70.	764.343	16000.	2.	7474847.173	2734.017	10.	20.	230.	1300.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	11/27/73-09/30/81	35	1.845	1.942	4.204	0.301	0.673	0.82	1.	1.301	2.362	3.114
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			87.468								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station GATE0296

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/27/73-09/30/81	35	20.	67.486	460.	2.	10064.787	100.323	10.	10.	50.	224.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/27/73-09/30/81	35	1.301	1.513	2.663	0.301	0.266	0.516	1.	1.	1.699	2.35
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			32.55								
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	11/27/73-09/30/81	34	9.5	288.765	5400.	1.	991567.943	995.775	1.	2.	86.75	445.
31677	LOG FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678	11/27/73-09/30/81	34	0.972	1.168	3.732	0.	1.026	1.013	0.	0.301	1.934	2.638
31677	GM FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	GEOMETRIC MEAN =			14.732								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GATE0296

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/27/73-09/30/81	41	15.	14.659	29.	0.	74.423	8.627	4.	6.25	22.35	25.4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/27/73-05/30/79	41	18.	15.563	30.	-3.	90.096	9.492	4.1	6.5	23.65	27.56
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/27/73-07/15/81	41	5.	6.073	30.	0.	30.02	5.479	3.	4.	6.	9.8
00077	TRANSPARENCY, SECCHI DISC (INCHES)	01/02/74-04/23/79	41	48.	49.634	106.	12.	446.988	21.142	24.	36.	66.	81.6
00080	COLOR (PLATINUM-COBALT UNITS)	11/27/73-09/30/81	41	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/27/73-09/30/81	41	8.	8.432	12.8	4.	5.386	2.321	5.26	6.45	10.5	11.86
00300	OXYGEN, DISSOLVED MG/L	11/27/73-05/30/79	41	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00310	BOD, 5 DAY, 20 DEG C MG/L	12/11/73-06/14/79	34	3.	3.588	10.	1.	3.522	1.877	2.	2.	4.25	6.5
00312	BOD, 6 DAY, 20 DEG C MG/L	11/27/73-05/30/79	41	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00315	BOD, 7 DAY, 20 DEG C MG/L	11/27/73-05/30/79	41	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00400	PH (STANDARD UNITS)	11/27/73-07/15/81	41	7.6	7.539	8.3	6.8	0.133	0.365	7.	7.3	7.8	8.
00400	CONVERTED PH (STANDARD UNITS)	11/27/73-07/15/81	41	7.6	7.383	8.3	6.8	0.158	0.397	7.	7.3	7.8	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/27/73-07/15/81	41	0.025	0.041	0.158	0.005	0.002	0.039	0.01	0.016	0.05	0.1
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/27/73-09/30/81	41	96.	99.732	200.	79.	355.651	18.859	85.2	91.5	103.	115.4
00480	SALINITY - PARTS PER THOUSAND	11/27/73-09/30/81	41	23.	24.251	45.3	9.3	61.814	7.862	15.1	18.6	29.6	34.26
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/27/73-07/15/81	41	0.5	0.659	3.5	0.	0.718	0.847	0.	0.	1.	2.
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/27/73-09/30/81	41	0.036	0.08	0.585	0.004	0.013	0.115	0.013	0.018	0.107	0.155
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/27/73-09/30/81	41	0.22	0.252	0.6	0.03	0.024	0.156	0.052	0.13	0.365	0.51
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/27/73-09/30/81	41	0.19	0.229	0.6	0.02	0.025	0.159	0.05	0.115	0.335	0.468
00940	CHLORIDE,TOTAL IN WATER MG/L	11/27/73-09/30/81	41	15000.	16806.098	56500.	10000.	56501399.39	7516.741	11020.	12750.	18600.	22760.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/27/73-09/30/81	40	150.	282.5	1300.	10.	116798.718	341.758	11.	55.	450.	790.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	11/27/73-09/30/81	40	2.172	2.111	3.114	1.	0.379	0.616	1.03	1.736	2.647	2.898
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			129.156								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/27/73-09/30/81	40	65.	103.25	790.	10.	23560.962	153.496	10.	20.	110.	221.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/27/73-09/30/81	40	1.801	1.731	2.898	1.	0.24	0.49	1.	1.301	2.041	2.34
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			53.884								
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	11/27/73-09/30/81	40	10.5	123.2	2400.	1.	150369.959	387.776	1.	2.5	64.75	339.
31677	LOG FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678	11/27/73-09/30/81	40	1.009	1.188	3.38	0.	0.781	0.884	0.	0.376	1.806	2.528
31677	GM FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	GEOMETRIC MEAN =			15.424								

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Annual Analysis for 1976 - Station GATE0296

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/27/73-09/30/81	16	20.5	18.063	26.	-0.5	59.629	7.722	7.2	16.5	23.5	25.3
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/27/73-05/30/79	15	22.	19.933	30.	0.	71.638	8.464	4.2	15.	26.	28.8
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/27/73-07/15/81	15	8.	8.267	17.	3.	11.495	3.39	3.6	7.	10.	14.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	01/02/74-04/23/79	6	36.	36.	48.	24.	72.	8.485	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	11/27/73-09/30/81	16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/27/73-09/30/81	15	7.8	8.647	14.4	5.2	7.178	2.679	5.62	6.9	10.2	13.98
00300	OXYGEN, DISSOLVED MG/L	11/27/73-05/30/79	16	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00310	BOD, 5 DAY, 20 DEG C MG/L	12/11/73-06/14/79	14	4.	4.143	7.	1.	2.44	1.562	1.5	3.	5.	6.5

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Annual Analysis for 1976 - Station GATE0296

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00312	BOD, 6 DAY, 20 DEG C MG/L	11/27/73-05/30/79	16	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00315	BOD, 7 DAY, 20 DEG C MG/L	11/27/73-05/30/79	16	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00400	PH (STANDARD UNITS)	11/27/73-07/15/81	16	7.9	7.95	8.8	7.4	0.113	0.337	7.54	7.725	8.175	8.45
00400	CONVERTED PH (STANDARD UNITS)	11/27/73-07/15/81	16	7.9	7.847	8.8	7.4	0.125	0.353	7.54	7.725	8.175	8.45
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/27/73-07/15/81	16	0.013	0.014	0.04	0.002	0.	0.01	0.004	0.007	0.019	0.03
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/27/73-09/30/81	16	99.5	99.438	107.	86.	27.729	5.266	91.6	96.25	103.	107.
00480	SALINITY - PARTS PER THOUSAND	11/27/73-09/30/81	15	22.	22.867	30.4	18.9	8.147	2.854	19.92	21.	24.7	27.46
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/27/73-07/15/81	16 ##	0.5	0.688	1.5	0.5	0.129	0.359	0.5	0.5	0.875	1.5
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/27/73-09/30/81	16	0.02	0.028	0.07	0.001	0.001	0.026	0.001	0.002	0.058	0.063
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/27/73-09/30/81	16	0.325	0.344	0.74	0.08	0.028	0.166	0.108	0.27	0.41	0.649
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/27/73-09/30/81	16	0.24	0.227	0.51	0.04	0.018	0.133	0.061	0.098	0.293	0.475
00940	CHLORIDE,TOTAL IN WATER MG/L	11/27/73-09/30/81	15	13500.	13633.333	18500.	5500.	8516666.667	2918.333	9100.	12500.	15000.	17300.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/27/73-09/30/81	15	80.	271.333	2400.	10.	362240.952	601.865	10.	50.	230.	1254.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	11/27/73-09/30/81	15	1.903	1.932	3.38	1.	0.423	0.65	1.	1.699	2.362	2.966
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			85.517								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/27/73-09/30/81	15	50.	90.	330.	10.	12842.857	113.326	10.	10.	130.	330.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/27/73-09/30/81	15	1.699	1.641	2.519	1.	0.298	0.546	1.	1.	2.114	2.519
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			43.716								
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	11/27/73-09/30/81	15	70.	416.733	2400.	1.	666638.495	816.479	1.	2.	350.	2400.
31677	LOG FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678	11/27/73-09/30/81	15	1.845	1.53	3.38	0.	1.598	1.264	0.	0.301	2.544	3.38
31677	GM FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	GEOMETRIC MEAN =			33.846								

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Annual Analysis for 1977 - Station GATE0296

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/27/73-09/30/81	20	21.5	17.175	28.	-1.5	84.691	9.203	6.25	10.875	23.75	26.8
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/27/73-05/30/79	20	24.	20.65	31.	0.	72.766	8.53	1.1	16.5	26.	26.9
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/27/73-07/15/81	20	9.5	8.7	15.	1.	7.695	2.774	5.1	7.25	10.	10.9
00077	TRANSPARENCY, SECCHI DISC (INCHES)	01/02/74-04/23/79	18	36.	38.167	84.	24.	215.794	14.69	24.	29.25	36.	62.4
00080	COLOR (PLATINUM-COBALT UNITS)	11/27/73-09/30/81	20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/27/73-09/30/81	20	7.2	8.455	19.2	3.8	16.758	4.094	4.31	5.3	11.2	15.09
00300	OXYGEN, DISSOLVED MG/L	11/27/73-05/30/79	20	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00310	BOD, 5 DAY, 20 DEG C MG/L	12/11/73-06/14/79	18	3.	3.611	7.	1.	4.369	2.09	1.	2.	6.	7.
00312	BOD, 6 DAY, 20 DEG C MG/L	11/27/73-05/30/79	20	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00315	BOD, 7 DAY, 20 DEG C MG/L	11/27/73-05/30/79	20	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00400	PH (STANDARD UNITS)	11/27/73-07/15/81	20	7.8	8.005	9.	7.6	0.192	0.438	7.6	7.7	8.35	8.79
00400	CONVERTED PH (STANDARD UNITS)	11/27/73-07/15/81	20	7.8	7.86	9.	7.6	0.214	0.463	7.6	7.7	8.35	8.79
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/27/73-07/15/81	20	0.016	0.014	0.025	0.001	0.	0.008	0.002	0.005	0.02	0.025
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/27/73-09/30/81	20	102.	100.95	115.	74.	124.155	11.142	79.6	97.25	109.25	114.
00480	SALINITY - PARTS PER THOUSAND	11/27/73-09/30/81	3	19.5	22.633	30.4	18.	45.803	6.768	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/27/73-07/15/81	20	0.8	0.965	2.1	0.5	0.328	0.572	0.5	0.5	1.225	1.99
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/27/73-09/30/81	20	0.038	0.05	0.185	0.01	0.002	0.043	0.01	0.018	0.068	0.129
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/27/73-09/30/81	20	0.285	0.37	0.7	0.16	0.04	0.201	0.16	0.203	0.598	0.678
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/27/73-09/30/81	20	0.215	0.241	0.46	0.05	0.021	0.145	0.062	0.105	0.41	0.448
00940	CHLORIDE,TOTAL IN WATER MG/L	11/27/73-09/30/81	20	17500.	16400.	20000.	10500.	8594736.842	2931.678	11150.	13750.	18500.	19450.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/27/73-09/30/81	20	65.	155.	700.	10.	33984.211	184.348	11.	25.	230.	474.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	11/27/73-09/30/81	20	1.801	1.891	2.845	1.	0.305	0.553	1.03	1.376	2.362	2.673
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			77.742								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/27/73-09/30/81	20	20.	75.	700.	10.	24626.316	156.928	10.	10.	72.5	220.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/27/73-09/30/81	20	1.301	1.447	2.845	1.	0.296	0.544	1.	1.	1.852	2.337
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			27.968								
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	11/27/73-09/30/81	20	2.	20.05	240.	1.	3257.945	57.078	1.	1.	5.75	99.9
31677	LOG FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678	11/27/73-09/30/81	20	0.301	0.52	2.38	0.	0.428	0.654	0.	0.	0.758	1.933
31677	GM FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	GEOMETRIC MEAN =			3.314								

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Annual Analysis for 1978 - Station GATE0296

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/27/73-09/30/81	20	22.	19.525	29.	1.	69.29	8.324	2.95	12.25	26.575	28.17
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/27/73-05/30/79	18	25.	21.672	31.6	0.	86.946	9.324	4.5	15.875	28.1	30.16
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/27/73-07/15/81	21	7.	7.667	19.	2.	12.533	3.54	2.6	6.	10.	10.8
00077	TRANSPARENCY, SECCHI DISC (INCHES)	01/02/74-04/23/79	17	48.	47.294	72.	24.	165.971	12.883	24.	42.	60.	62.4
00080	COLOR (PLATINUM-COBALT UNITS)	11/27/73-09/30/81	22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/27/73-09/30/81	22	8.35	8.882	15.1	5.8	5.979	2.445	6.43	7.275	9.525	13.29
00300	OXYGEN, DISSOLVED MG/L	11/27/73-05/30/79	20	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00310	BOD, 5 DAY, 20 DEG C MG/L	12/11/73-06/14/79	18	3.	3.111	8.	1.	3.163	1.779	1.9	2.	3.25	7.1
00312	BOD, 6 DAY, 20 DEG C MG/L	11/27/73-05/30/79	22	0.3	0.364	1.	0.3	0.042	0.206	0.3	0.3	0.3	0.79
00315	BOD, 7 DAY, 20 DEG C MG/L	11/27/73-05/30/79	20	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00400	PH (STANDARD UNITS)	11/27/73-07/15/81	22	7.8	7.893	8.5	7.4	0.092	0.304	7.53	7.7	8.025	8.47
00400	CONVERTED PH (STANDARD UNITS)	11/27/73-07/15/81	22	7.8	7.807	8.5	7.4	0.1	0.317	7.53	7.7	8.025	8.47
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/27/73-07/15/81	22	0.016	0.016	0.04	0.003	0.	0.009	0.003	0.009	0.02	0.03
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/27/73-09/30/81	22	97.	95.591	115.	78.	97.872	9.893	80.6	89.75	100.75	111.1
00480	SALINITY - PARTS PER THOUSAND	11/27/73-09/30/81	19	18.	18.284	25.	13.	12.849	3.585	13.5	15.	21.4	24.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/27/73-07/15/81	21 ##	0.2	0.286	0.92	0.025	0.072	0.269	0.05	0.05	0.5	0.668
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/27/73-09/30/81	22	0.022	0.025	0.046	0.008	0.	0.011	0.012	0.017	0.033	0.043
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/27/73-09/30/81	20	0.315	0.338	0.59	0.04	0.023	0.152	0.124	0.245	0.45	0.584
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/27/73-09/30/81	21	0.24	0.22	0.42	0.01	0.012	0.112	0.026	0.15	0.305	0.374
00940	CHLORIDE,TOTAL IN WATER MG/L	11/27/73-09/30/81	18	13000.	12825.	16500.	8750.	2864485.294	1692.479	10325.	11937.5	14000.	14700.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/27/73-09/30/81	22	65.	406.818	3500.	10.	765756.061	875.075	10.	20.	255.	2010.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	11/27/73-09/30/81	22	1.801	1.937	3.544	1.	0.558	0.747	1.	1.301	2.401	3.279
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			86.589								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/27/73-09/30/81	22	45.	47.727	130.	10.	1504.113	38.783	10.	10.	80.	115.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/27/73-09/30/81	22	1.651	1.509	2.114	1.	0.175	0.419	1.	1.	1.903	2.051
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			32.26								
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	11/27/73-09/30/81	22	17.	54.909	240.	1.	7784.372	88.229	1.	1.	43.	240.
31677	LOG FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678	11/27/73-09/30/81	22	1.211	1.072	2.38	0.	0.76	0.872	0.	0.	1.632	2.38
31677	GM FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	GEOMETRIC MEAN =			11.807								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station GATE0296

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/27/73-09/30/81	8	10.9	10.8	20.	0.	58.354	7.639	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/27/73-05/30/79	5	10.	12.7	24.	5.	74.95	8.657	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/27/73-07/15/81	8	9.	10.5	23.	6.	30.571	5.529	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	01/02/74-04/23/79	4	30.	34.5	60.	18.	345.	18.574	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	11/27/73-09/30/81	8	0.	1.25	10.	0.	12.5	3.536	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/27/73-09/30/81	8	10.	11.263	16.7	8.5	7.48	2.735	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/27/73-05/30/79	5	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	12/11/73-06/14/79	5	2.	2.2	3.	1.	0.7	0.837	**	**	**	**
00312	BOD, 6 DAY, 20 DEG C MG/L	11/27/73-05/30/79	6	0.3	0.75	3.	0.3	1.215	1.102	**	**	**	**
00315	BOD, 7 DAY, 20 DEG C MG/L	11/27/73-05/30/79	5	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	11/27/73-07/15/81	7	7.5	7.7	8.5	7.4	0.167	0.408	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/27/73-07/15/81	7	7.5	7.587	8.5	7.4	0.182	0.426	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/27/73-07/15/81	7	0.032	0.026	0.04	0.003	0.	0.014	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/27/73-09/30/81	8	79.	76.125	91.	41.	233.839	15.292	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	11/27/73-09/30/81	8	12.2	11.788	17.7	0.5	31.173	5.583	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/27/73-07/15/81	8	0.245	0.216	0.42	0.05	0.019	0.138	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/27/73-09/30/81	8	0.015	0.04	0.209	0.013	0.005	0.069	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/27/73-09/30/81	8	0.14	0.194	0.41	0.09	0.014	0.119	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/27/73-09/30/81	7	0.09	0.101	0.26	0.03	0.006	0.075	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/27/73-09/30/81	7	9500.	8907.143	12000.	3100.	8114523.81	2848.6	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/27/73-09/30/81	8	30.	553.75	3500.	10.	1489312.5	1220.374	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	11/27/73-09/30/81	8	1.452	1.781	3.544	1.	0.871	0.934	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station GATE0296

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			60.393								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/27/73-09/30/81	8 ##	10.	58.75	330.	10.	12612.5	112.305	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/27/73-09/30/81	8 ##	1.	1.303	2.519	1.	0.341	0.584	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			20.077								
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	11/27/73-09/30/81	8 ##	1.5	49.75	350.	1.	14846.786	121.847	**	**	**	**
31677	LOG FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678	11/27/73-09/30/81	8 ##	0.151	0.66	2.544	0.	0.891	0.944	**	**	**	**
31677	GM FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	GEOMETRIC MEAN =			4.57								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GATE0296

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/27/73-09/30/81	5	20.	20.	40.	10.	150.	12.247	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	11/27/73-09/30/81	5	1.301	1.241	1.602	1.	0.063	0.252	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			17.411								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/27/73-09/30/81	5 ##	10.	18.	40.	10.	170.	13.038	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/27/73-09/30/81	5 ##	1.	1.181	1.602	1.	0.072	0.269	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			15.157								
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	11/27/73-09/30/81	5	130.	118.	230.	10.	11120.	105.451	**	**	**	**
31677	LOG FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678	11/27/73-09/30/81	5	2.114	1.76	2.362	1.	0.49	0.7	**	**	**	**
31677	GM FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	GEOMETRIC MEAN =			57.488								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station GATE0296

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/27/73-09/30/81	2	20.5	20.5	25.5	15.5	50.	7.071	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/27/73-07/15/81	1	2.8	2.8	2.8	2.8	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	11/27/73-09/30/81	2	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/27/73-09/30/81	2	7.	7.	7.8	6.2	1.28	1.131	**	**	**	**
00400	PH (STANDARD UNITS)	11/27/73-07/15/81	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/27/73-07/15/81	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/27/73-07/15/81	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/27/73-09/30/81	2	92.	92.	98.	86.	72.	8.485	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	11/27/73-09/30/81	2	18.85	18.85	19.	18.7	0.045	0.212	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/27/73-07/15/81	1	0.11	0.11	0.11	0.11	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/27/73-09/30/81	2	0.047	0.047	0.086	0.008	0.003	0.055	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/27/73-09/30/81	2	0.78	0.78	0.98	0.58	0.08	0.283	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/27/73-09/30/81	2	16500.	16500.	16500.	16500.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/27/73-09/30/81	2 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	11/27/73-09/30/81	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			10.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/27/73-09/30/81	2 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/27/73-09/30/81	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.								
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	11/27/73-09/30/81	2 ##	23.5	23.5	46.	1.	1012.5	31.82	**	**	**	**
31677	LOG FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678	11/27/73-09/30/81	2 ##	0.831	0.831	1.663	0.	1.382	1.176	**	**	**	**
31677	GM FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	GEOMETRIC MEAN =			6.782								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0296

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/27/73-09/30/81	52	22.	20.688	29.	8.	24.555	4.955	13.15	16.25	24.85	26.85
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/27/73-07/15/81	51	6.	6.176	15.	0.	10.428	3.229	3.	4.	10.	10.
00080	COLOR (PLATINUM-COBALT UNITS)	11/27/73-09/30/81	53	0.	0.189	10.	0.	1.887	1.374	0.	0.	0.	0.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/27/73-09/30/81	53	7.4	7.077	10.4	0.9	3.633	1.906	4.56	5.75	8.05	9.6
00400	PH (STANDARD UNITS)	11/27/73-07/15/81	52	7.7	7.693	8.2	6.4	0.109	0.33	7.4	7.6	7.9	8.07
00400	CONVERTED PH (STANDARD UNITS)	11/27/73-07/15/81	52	7.7	7.5	8.2	6.4	0.147	0.383	7.4	7.6	7.9	8.07
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/27/73-07/15/81	52	0.02	0.032	0.398	0.006	0.003	0.057	0.009	0.013	0.025	0.04
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/27/73-09/30/81	53	102.	101.943	130.	79.	93.093	9.648	90.4	96.	107.	113.6
00480	SALINITY - PARTS PER THOUSAND	11/27/73-09/30/81	43	21.4	21.879	45.3	13.	33.727	5.807	15.7	18.	24.7	30.24
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/27/73-07/15/81	52	0.5	0.661	3.5	0.	0.487	0.698	0.	0.05	1.	1.78
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/27/73-09/30/81	53	0.048	0.068	0.585	0.001	0.01	0.098	0.017	0.032	0.07	0.119
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/27/73-09/30/81	53	0.38	0.402	1.	0.05	0.032	0.179	0.2	0.29	0.51	0.596
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/27/73-09/30/81	52	0.3	0.317	0.6	0.05	0.018	0.135	0.159	0.23	0.42	0.5
00940	CHLORIDE,TOTAL IN WATER MG/L	11/27/73-09/30/81	50	15000.	15885.	29000.	5500.	14305127.551	3782.212	12500.	13500.	18050.	19950.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/27/73-09/30/81	56	80.	459.821	16000.	10.	4543321.786	2131.507	10.	20.	230.	580.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	11/27/73-09/30/81	56	1.903	1.891	4.204	1.	0.458	0.676	1.	1.301	2.362	2.752
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			77.855								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/27/73-09/30/81	56	30.	67.5	490.	10.	8920.909	94.451	10.	10.	80.	223.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/27/73-09/30/81	56	1.452	1.538	2.69	1.	0.238	0.488	1.	1.	1.903	2.348
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			34.524								
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	11/27/73-09/30/81	55	13.	292.927	5400.	1.	790691.995	889.209	1.	2.	130.	426.
31677	LOG FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678	11/27/73-09/30/81	55	1.114	1.306	3.732	0.	1.054	1.027	0.	0.301	2.114	2.619
31677	GM FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	GEOMETRIC MEAN =			20.243								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	11/27/73-10/01/80	39	11100.	7918.846	11545.	1000.	23035397.607	4799.521	1100.	1400.	11340.	11515.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0296

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/27/73-09/30/81	43	5.5	5.037	15.	-1.5	17.229	4.151	0.2	2.	8.5	11.2
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/27/73-07/15/81	43	6.	7.791	30.	0.	42.884	6.549	2.	4.	9.	18.2
00080	COLOR (PLATINUM-COBALT UNITS)	11/27/73-09/30/81	43	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/27/73-09/30/81	43	10.5	11.144	19.2	6.8	7.088	2.662	7.88	9.4	12.8	14.82
00400	PH (STANDARD UNITS)	11/27/73-07/15/81	42	7.6	7.681	9.	6.8	0.331	0.576	7.	7.3	8.	8.64
00400	CONVERTED PH (STANDARD UNITS)	11/27/73-07/15/81	42	7.6	7.412	9.	6.8	0.406	0.637	7.	7.3	8.	8.64
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/27/73-07/15/81	42	0.025	0.039	0.158	0.001	0.001	0.038	0.002	0.01	0.05	0.1
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/27/73-09/30/81	42	95.	95.381	200.	41.	465.559	21.577	75.5	87.75	102.	112.2
00480	SALINITY - PARTS PER THOUSAND	11/27/73-09/30/81	38	18.05	17.558	43.6	0.2	119.817	10.946	1.46	9.15	24.7	30.49
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/27/73-07/15/81	43	0.5	0.622	3.5	0.	0.507	0.712	0.	0.	1.	1.
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/27/73-09/30/81	43	0.046	0.058	0.248	0.001	0.003	0.052	0.014	0.026	0.073	0.134
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/27/73-09/30/81	43	0.2	0.225	0.5	0.	0.022	0.147	0.05	0.11	0.3	0.5
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/27/73-09/30/81	42	0.115	0.135	0.44	0.	0.011	0.103	0.02	0.058	0.193	0.274
00940	CHLORIDE,TOTAL IN WATER MG/L	11/27/73-09/30/81	43	14500.	13522.093	26300.	1300.	26071345.515	5106.011	7370.	10500.	17000.	19000.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/27/73-09/30/81	43	170.	472.837	3500.	2.	684604.235	827.408	10.	40.	490.	1300.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	11/27/73-09/30/81	43	2.23	2.116	3.544	0.301	0.61	0.781	1.	1.602	2.69	3.114
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			130.52								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/27/73-09/30/81	43	50.	111.442	790.	2.	32082.729	179.117	10.	10.	80.	408.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/27/73-09/30/81	43	1.699	1.64	2.898	0.301	0.371	0.609	1.	1.	1.903	2.605
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			43.654								
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	11/27/73-09/30/81	43	11.	79.791	540.	1.	17497.503	132.278	2.	4.	110.	350.
31677	LOG FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678	11/27/73-09/30/81	43	1.041	1.232	2.732	0.	0.679	0.824	0.301	0.602	2.041	2.544
31677	GM FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	GEOMETRIC MEAN =			17.062								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	11/27/73-10/01/80	36	1530.	6018.333	11545.	1015.	25296212.857	5029.534	1221.	1333.75	11200.	11509.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0296

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/27/73-09/30/81	50	21.5	20.18	29.	4.	33.252	5.766	11.55	17.	24.	26.54
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/27/73-07/15/81	51	7.	6.839	13.	1.	6.126	2.475	3.	5.	8.	10.
00080	COLOR (PLATINUM-COBALT UNITS)	11/27/73-09/30/81	52	0.	0.288	10.	0.	2.366	1.538	0.	0.	0.	0.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/27/73-09/30/81	51	7.8	8.106	12.8	4.6	4.166	2.041	5.66	6.5	9.5	11.
00400	PH (STANDARD UNITS)	11/27/73-07/15/81	52	7.8	7.904	8.7	7.	0.114	0.338	7.5	7.7	8.2	8.37
00400	CONVERTED PH (STANDARD UNITS)	11/27/73-07/15/81	52	7.8	7.777	8.7	7.	0.131	0.362	7.5	7.7	8.2	8.37
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/27/73-07/15/81	52	0.016	0.017	0.1	0.002	0.	0.015	0.004	0.006	0.02	0.032
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/27/73-09/30/81	52	94.5	90.404	115.	1.	264.559	16.265	78.6	86.	98.	102.
00480	SALINITY - PARTS PER THOUSAND	11/27/73-09/30/81	46	19.7	17.902	34.6	1.6	69.361	8.328	2.27	13.875	22.625	29.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/27/73-07/15/81	51	0.5	0.56	2.	0.	0.277	0.527	0.	0.08	1.	1.4
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/27/73-09/30/81	52	0.016	0.026	0.209	0.001	0.001	0.037	0.008	0.012	0.024	0.045
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/27/73-09/30/81	50	0.24	0.335	2.	0.03	0.116	0.34	0.053	0.158	0.39	0.727
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/27/73-09/30/81	50	0.165	0.191	0.51	0.02	0.019	0.136	0.041	0.08	0.28	0.429
00940	CHLORIDE,TOTAL IN WATER MG/L	11/27/73-09/30/81	49	14000.	15616.327	56500.	8750.	49958790.391	7068.153	10500.	12000.	17500.	21000.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	11/27/73-09/30/81	50	50.	260.2	3500.	10.	385304.041	620.729	10.	20.	155.	490.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	11/27/73-09/30/81	50	1.699	1.83	3.544	1.	0.422	0.649	1.	1.301	2.176	2.69
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			67.651								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/27/73-09/30/81	50	20.	50.4	330.	10.	3722.286	61.011	10.	10.	50.	130.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/27/73-09/30/81	50	1.301	1.482	2.519	1.	0.182	0.427	1.	1.	1.699	2.114
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			30.346								
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	11/27/73-09/30/81	50	2.	89.24	2400.	1.	118471.9	344.197	1.	1.	25.75	240.
31677	LOG FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678	11/27/73-09/30/81	50	0.301	0.775	3.38	0.	0.867	0.931	0.	0.	1.404	2.38
31677	GM FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	GEOMETRIC MEAN =			5.96								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	11/27/73-10/01/80	32	11100.	7844.531	11545.	1130.	22855652.773	4780.759	1170.5	1464.	11243.5	11521.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0297

NPS Station ID: GATE0297
LAT/LON: 40.388059/ -74.015004
Agency: 21NJDEP1
Date Created: 08/08/81
Location: NAVESINK RIVER
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 1006400020 /1014 /SF03075
RMI-Indexes: 0133006 000020 00080
Within Park Boundary: No
RMI-Miles: 0001.70 0001.70 000.20
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST MAJOR BASIN
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA
ECO Region:
RF1 Index: 02030104
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J.
TIDE CORRECTION (H/L): (+1:09/+1:45)
ASSOCIATED NOAA WEATHER STATION: 4987

Parameter Inventory for Station: GATE0297

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/05/73-10/17/95	53	16.	14.106	28.	0.	66.121	8.131	2.4	5.2	21.1	23.18
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	191	17.	16.428	32.	0.	60.967	7.808	6.	10.	22.	27.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	209	7.	7.373	20.	0.	22.293	4.722	1.	3.	10.	14.
00480	SALINITY - PARTS PER THOUSAND	06/27/85-05/26/94	19	21.	20.963	26.7	15.3	10.264	3.204	17.	18.5	23.8	25.9
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	180	43.	254.256	2400.	1.5	312656.281	559.157	4.	15.	230.	460.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	180	1.633	1.694	3.38	0.176	0.66	0.812	0.602	1.176	2.362	2.663
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			49.482								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	180	15.	110.558	2400.	1.5	135972.83	368.745	1.5	4.	43.	228.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	180	1.176	1.262	3.38	0.176	0.557	0.746	0.176	0.602	1.633	2.358
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			18.276								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	30	19.	38.	240.	1.5	3534.899	59.455	3.6	8.65	43.	91.2
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/88-08/08/95	30	1.269	1.237	2.38	0.176	0.312	0.558	0.556	0.935	1.633	1.959
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			17.258								
31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	07/17/74-10/16/78	8	4.	6.625	11.	4.	13.125	3.623	**	**	**	**
31678	LOG FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATI	07/17/74-10/16/78	8	0.602	0.767	1.041	0.602	0.052	0.227	**	**	**	**
31678	GM FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATIO	GEOMETRIC MEAN =			5.845								
70211p	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	211	11130.	8325.417	99984.	1002.	146008793.968	12083.41	1246.4	1358.	11330.	11530.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

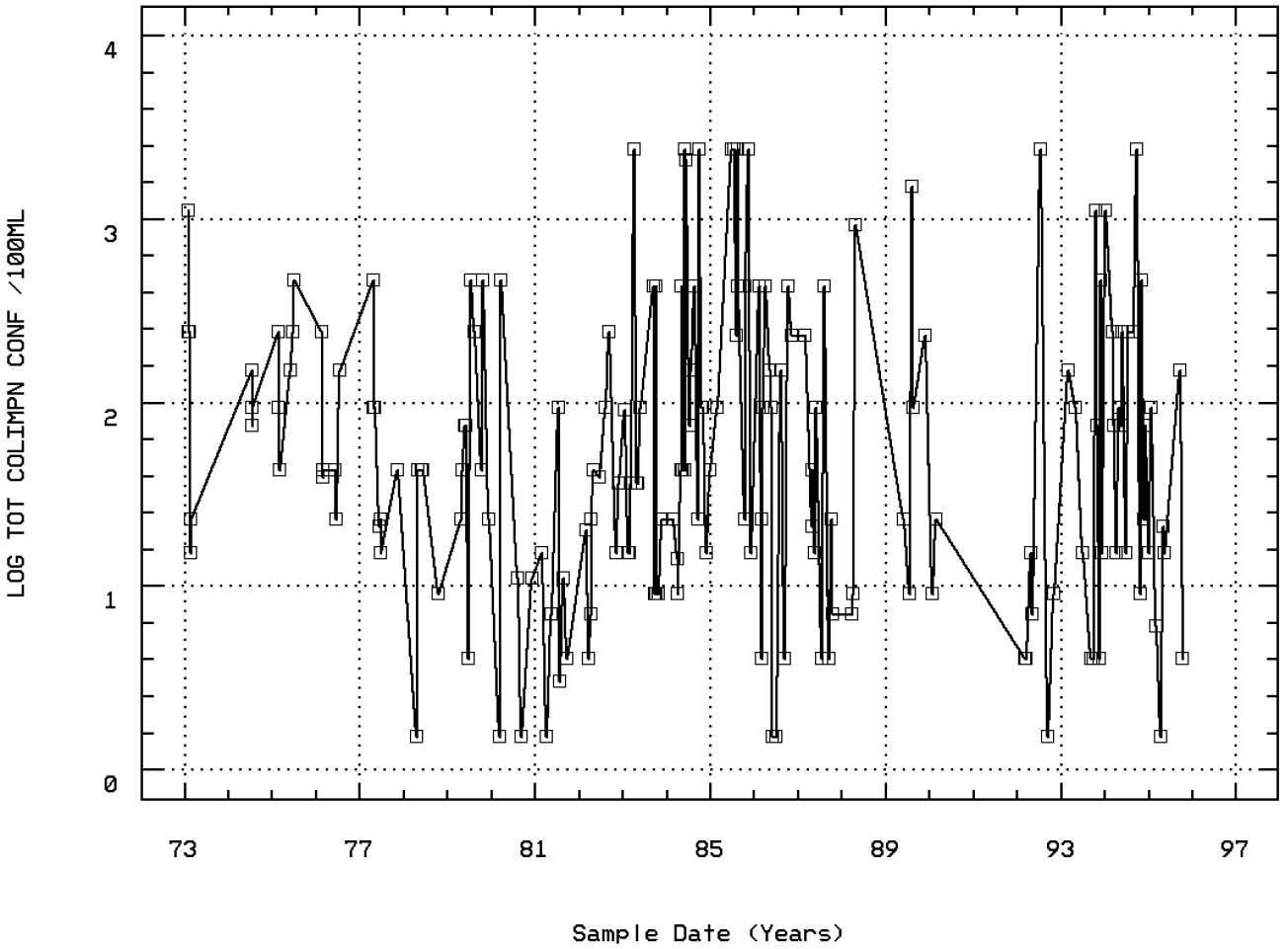
EPA Water Quality Criteria Analysis for Station: GATE0297

				Total	Exceed	Prop.	----------8/01-10/31----------			----------11/01-3/31----------			----------4/01-7/31----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	180	14	0.08	45	5	0.11	58	3	0.05	77	6	0.08			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	180	19	0.11	45	11	0.24	58	2	0.03	77	6	0.08			

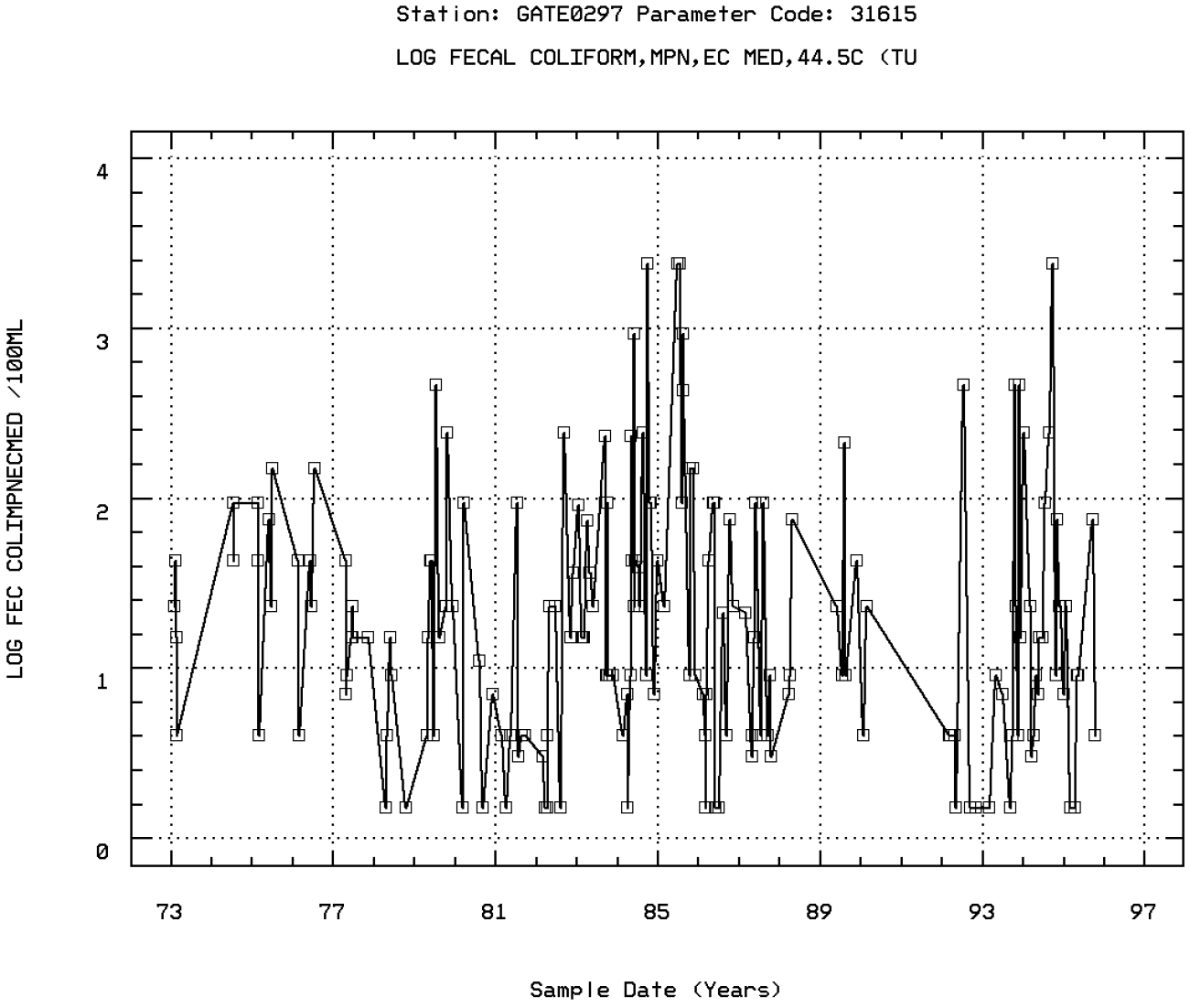
& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station: GATE0297 Parameter Code: 31505

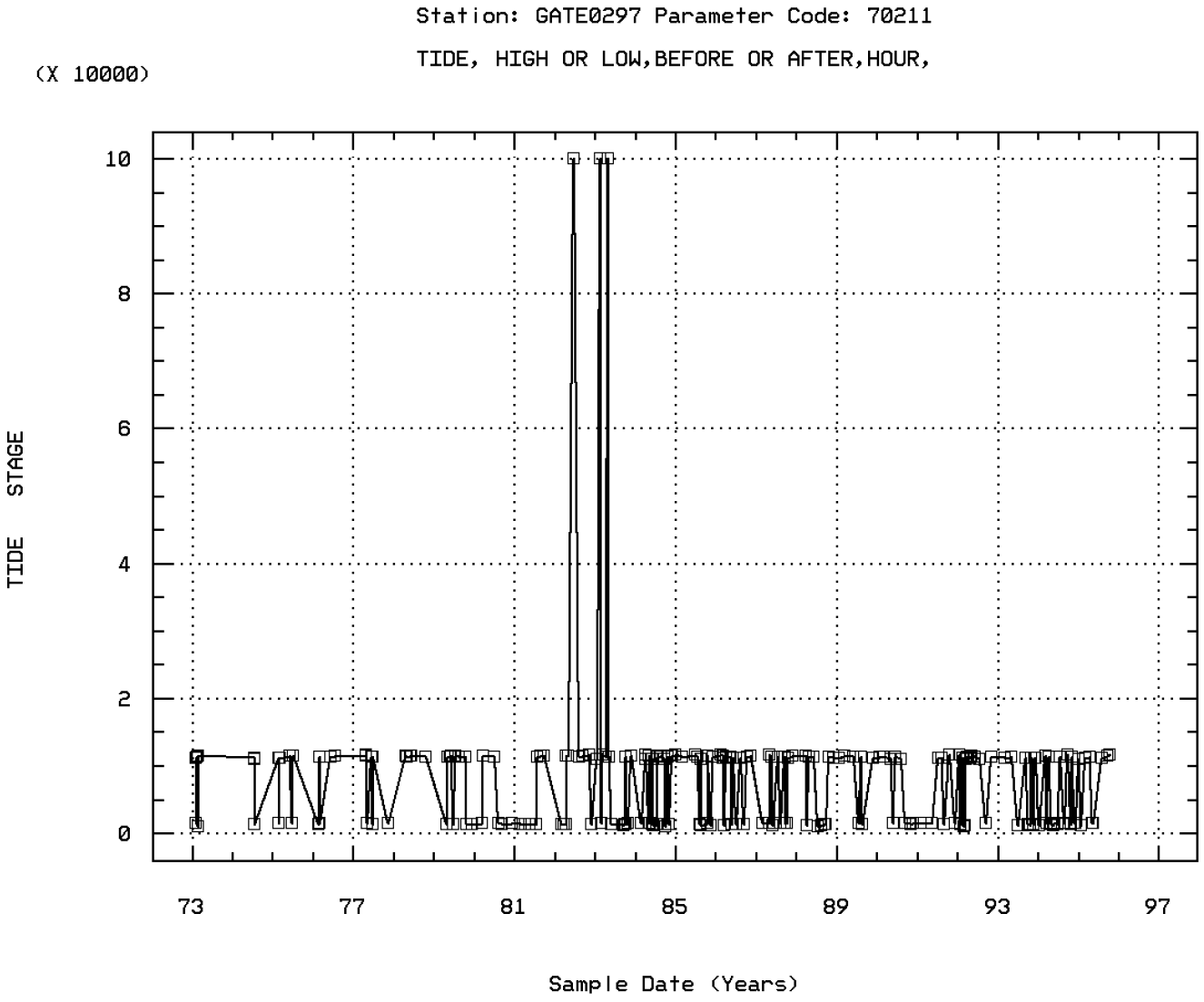
LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C



NAVESINK RIVER



NAVESINK RIVER



NAVESINK RIVER

Annual Analysis for 1973 - Station GATE0297

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	5	4.	3.6	6.	0.	5.3	2.302	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	5	240.	323.6	1100.	15.	200592.3	447.875	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	5	2.38	2.068	3.041	1.176	0.609	0.781	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			116.93								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	5	23.	21.6	43.	4.	203.8	14.276	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	5	1.362	1.227	1.633	0.602	0.149	0.386	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			16.866								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	5	11130.	7278.	11430.	1015.	30246207.5	5499.655	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station GATE0297

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	3	10.	8.333	10.	5.	8.333	2.887	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	3	93.	106.	150.	75.	1533.	39.154	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	3	1.968	2.007	2.176	1.875	0.024	0.154	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			101.518								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	3	93.	76.333	93.	43.	833.333	28.868	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	3	1.968	1.857	1.968	1.633	0.037	0.193	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			71.914								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	3	11045.	7863.333	11215.	1330.	32020558.333	5658.671	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GATE0297

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	6	17.5	15.	20.	5.	40.	6.325	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	6	195.	204.333	460.	43.	21857.067	147.841	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	6	2.278	2.2	2.663	1.633	0.131	0.362	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			158.564								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	6	59.	64.667	150.	4.	2815.467	53.061	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	6	1.754	1.603	2.176	0.602	0.319	0.565	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			40.07								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	6	11200.	8058.333	11545.	1430.	26324086.667	5130.7	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station GATE0297

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	3	27.2	26.9	28.	25.5	1.63	1.277	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	4	4.5	3.75	5.	1.	3.583	1.893	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	6	43.	89.667	240.	23.	7521.467	86.726	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	6	1.633	1.796	2.38	1.362	0.154	0.392	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			62.518								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	6	33.	44.5	150.	4.	2975.5	54.548	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	6	1.498	1.335	2.176	0.602	0.392	0.626	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			21.618								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	5	11245.	7361.	11500.	1300.	29970555.	5474.537	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GATE0297

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	7	18.	19.	28.	10.	78.333	8.851	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	6	4.	4.333	10.	1.	10.267	3.204	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	7	43.	106.857	460.	15.	25335.476	159.171	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	7	1.633	1.728	2.663	1.176	0.267	0.517	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			53.408								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	7	15.	18.143	43.	7.	146.476	12.103	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	7	1.176	1.189	1.633	0.845	0.067	0.259	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			15.452								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	7	11300.	7147.143	11600.	1300.	28483223.81	5336.968	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GATE0297

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	5	16.	17.8	24.	12.	25.2	5.02	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	5	5.	5.6	10.	0.	14.3	3.782	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	5	43.	27.9	43.	1.5	434.55	20.846	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	5	1.633	1.206	1.633	0.176	0.418	0.647	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			16.075								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	5	4.	6.2	15.	1.5	33.575	5.794	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	5	0.602	0.617	1.176	0.176	0.204	0.451	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.139								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	5	11430.	11404.	11530.	11300.	8380.	91.542	**	**	**	**

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Annual Analysis for 1979 - Station GATE0297

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	10	21.	19.1	28.	4.	52.989	7.279	4.8	13.5	24.25	27.7
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	10	7.5	7.	12.	2.	17.111	4.137	2.1	3.	10.5	12.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	10	59.	144.6	460.	4.	31970.044	178.802	5.9	23.	295.	460.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	10	1.754	1.805	2.663	0.602	0.412	0.642	0.678	1.362	2.451	2.663
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			63.801								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	10	23.	87.	460.	4.	22083.111	148.604	4.	12.25	92.25	438.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	10	1.362	1.459	2.663	0.602	0.445	0.667	0.602	1.033	1.82	2.635
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			28.772								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	10	11300.	7340.	11500.	1300.	26804888.889	5177.344	1300.	1300.	11325.	11490.

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Annual Analysis for 1980 - Station GATE0297

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	6	14.	15.5	27.	6.	77.5	8.803	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	6	6.5	6.5	10.	4.	5.5	2.345	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	5	11.	97.	460.	1.5	41200.375	202.979	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	5	1.041	1.02	2.663	0.176	1.031	1.015	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			10.46								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	5	7.	22.8	93.	1.5	1556.075	39.447	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	5	0.845	0.841	1.968	0.176	0.549	0.741	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.941								

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Annual Analysis for 1980 - Station GATE0297

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	6	1530.	4765.	11500.	1300.	26425070.	5140.532	**	**	**	**

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Annual Analysis for 1981 - Station GATE0297

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	7	20.	21.	31.	10.	41.667	6.455	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	7	10.	9.714	15.	3.	20.571	4.536	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	7	7.	19.214	93.	1.5	1081.155	32.881	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	7	0.845	0.898	1.968	0.176	0.339	0.582	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			7.908								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	7	4.	16.214	93.	1.5	1147.321	33.872	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	7	0.602	0.719	1.968	0.176	0.328	0.573	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.231								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	7	1400.	5655.714	11530.	1300.	29079161.905	5392.51	**	**	**	**

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Annual Analysis for 1982 - Station GATE0297

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	10	15.5	15.8	26.	4.	43.956	6.63	4.4	11.75	21.25	25.6
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	10	5.5	6.4	15.	1.	18.711	4.326	1.2	3.	10.	14.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	10	29.5	52.	240.	4.	5010.444	70.784	4.3	13.	55.5	225.3
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	10	1.459	1.442	2.38	0.602	0.265	0.515	0.626	1.093	1.717	2.339
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			27.641								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	10	9.5	34.85	240.	1.5	5340.614	73.08	1.5	1.5	26.25	219.6
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	10	0.889	0.944	2.38	0.176	0.549	0.741	0.176	0.176	1.41	2.298
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.797								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	10	11380.	16272.1	99984.	1336.	890503204.322	29841.3	1336.	1344.25	11561.25	91150.2

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Annual Analysis for 1983 - Station GATE0297

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	14	15.5	13.429	22.	0.	45.802	6.768	2.5	7.5	18.75	21.5
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	14	11.	9.786	15.	1.	27.874	5.28	1.	5.75	15.	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	14	36.	259.429	2400.	9.	400738.11	633.039	9.	13.5	177.25	1415.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	14	1.556	1.701	3.38	0.954	0.546	0.739	0.954	1.121	2.135	3.007
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			50.286								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	14	19.	47.357	230.	9.	3683.17	60.689	9.	9.	77.5	161.5
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	14	1.269	1.427	2.362	0.954	0.212	0.461	0.954	0.954	1.887	2.165
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			26.704								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	14	11162.5	19714.571	99984.	1210.	1179619665.956	34345.592	1226.5	1297.25	11486.25	99984.

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Annual Analysis for 1984 - Station GATE0297

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	17	19.	18.235	31.	2.	66.566	8.159	6.8	12.	25.	29.4
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	17	9.	8.235	15.	1.	21.191	4.603	1.8	3.5	12.	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	17	75.	493.176	2400.	9.	763596.154	873.84	13.	23.	430.	2400.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	17	1.875	2.014	3.38	0.954	0.633	0.796	1.108	1.362	2.633	3.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			103.276								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	17	39.	246.735	2400.	1.5	357770.129	598.139	3.5	8.	161.5	1224.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	17	1.591	1.587	3.38	0.176	0.726	0.852	0.517	0.9	2.165	3.051
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			38.673								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	17	11009.	6618.	11704.	1009.	26538923.25	5151.594	1189.8	1347.5	11390.	11576.

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Annual Analysis for 1985 - Station GATE0297

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	11	18.	19.273	32.	7.	58.418	7.643	7.8	12.	26.	30.8
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	11	3.	4.909	15.	2.	17.491	4.182	2.	2.	8.	13.8
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	11	430.	987.636	2400.	15.	1274427.055	1128.905	16.6	43.	2400.	2400.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	11	2.633	2.481	3.38	1.176	0.723	0.85	1.213	1.633	3.38	3.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			302.582								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	11	150.	603.364	2400.	9.	862146.455	928.518	9.	23.	930.	2400.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	11	2.176	2.144	3.38	0.954	0.771	0.878	0.954	1.362	2.968	3.38
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			139.395								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	11	11228.	7702.636	11550.	1220.	25722817.655	5071.767	1224.	1317.	11448.	11549.8

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Annual Analysis for 1986 - Station GATE0297

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	13	19.	16.	29.	5.	74.167	8.612	5.4	6.5	22.5	28.2
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	13	4.	5.538	14.	1.	17.603	4.196	1.	2.5	9.	13.2
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	13	93.	156.923	430.	1.5	29195.035	170.866	1.5	4.	330.	430.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	13	1.968	1.651	2.633	0.176	0.899	0.948	0.176	0.602	2.498	2.633
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			44.821								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	13	7.	28.808	93.	1.5	1257.522	35.462	1.5	2.75	59.	93.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	13	0.845	1.042	1.968	0.176	0.471	0.686	0.176	0.389	1.754	1.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.027								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	13	11216.	8253.462	11602.	1217.	23279496.436	4824.883	1255.4	1340.5	11387.	11579.6

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Annual Analysis for 1987 - Station GATE0297

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	8	13.	13.	22.	7.	24.571	4.957	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	12	5.	6.667	15.	1.	27.697	5.263	1.	1.25	11.5	14.7
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	11	21.	79.455	430.	4.	18014.673	134.219	4.	4.	93.	390.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	11	1.322	1.373	2.633	0.602	0.509	0.714	0.602	0.602	1.968	2.579
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			23.632								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	11	4.	23.	93.	3.	1230.8	35.083	3.	4.	21.	93.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	11	0.602	0.977	1.968	0.477	0.319	0.565	0.477	0.602	1.322	1.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.494								

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Annual Analysis for 1987 - Station GATE0297

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	12	6335.	6374.333	11614.	1159.	26852770.061	5181.966	1240.9	1435.5	11321.	11553.1

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Annual Analysis for 1988 - Station GATE0297

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	10	14.5	15.	26.	6.	42.	6.481	6.3	9.75	19.	25.9
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	10	6.	5.7	10.	0.	7.789	2.791	0.3	4.5	8.	9.8
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	3	9.	315.333	930.	7.	283362.333	532.318	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	3	0.954	1.589	2.968	0.845	1.43	1.196	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			38.84								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	3	9.	30.333	75.	7.	1497.333	38.695	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	3	0.954	1.225	1.875	0.845	0.32	0.566	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			16.78								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	10	6245.5	6251.9	11411.	1002.	28261241.433	5316.13	1024.9	1231.75	11323.75	11405.2

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Annual Analysis for 1989 - Station GATE0297

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	7	21.	19.571	28.	5.	74.619	8.638	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	7	5.	6.286	15.	1.	25.905	5.09	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	5	93.	371.	1500.	9.	405988.5	637.172	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	5	1.968	1.964	3.176	0.954	0.752	0.867	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			92.141								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	5	23.	58.8	210.	9.	7338.2	85.663	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	5	1.362	1.445	2.322	0.954	0.323	0.569	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			27.873								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	7	11221.	8435.714	11434.	1256.	23499294.905	4847.607	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0297

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	9	19.	16.556	25.	5.	53.778	7.333	5.	8.5	22.5	25.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	9	10.	9.778	15.	4.	17.194	4.147	4.	6.	14.5	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	2	16.	16.	23.	9.	98.	9.899	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	2	1.158	1.158	1.362	0.954	0.083	0.288	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			14.387								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	2	13.5	13.5	23.	4.	180.5	13.435	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	2	0.982	0.982	1.362	0.602	0.289	0.537	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.592								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	9	11004.	6845.222	11348.	1306.	26531032.944	5150.828	1306.	1424.	11285.5	11348.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0297

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	7	24.	20.286	30.	6.	88.905	9.429	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	7	8.	7.857	14.	1.	17.143	4.14	**	**	**	**
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	7	1529.	5679.857	11602.	1330.	28069402.476	5298.056	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0297

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	13	11.	12.923	29.	3.	68.744	8.291	3.8	6.	20.5	26.6
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	13	8.	7.615	15.	1.	21.09	4.592	1.	3.5	11.	14.2
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	7	7.	348.643	2400.	1.5	818254.393	904.574	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	7	0.845	1.105	3.38	0.176	1.107	1.052	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			12.739								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	7	4.	68.071	460.	1.5	29869.786	172.829	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	7	0.602	0.714	2.663	0.176	0.784	0.885	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.175								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	13	11126.	8164.308	11642.	1019.	23212013.064	4817.885	1062.6	1379.	11280.5	11566.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station GATE0297

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	10	13.5	15.2	32.	5.	63.511	7.969	5.4	9.	20.25	31.2
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	10	5.5	6.2	14.	1.	16.622	4.077	1.2	3.	8.25	13.8
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	10	45.	192.	1100.	4.	121136.889	348.047	4.	4.	227.5	1036.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	10	1.526	1.588	3.041	0.602	0.788	0.888	0.602	0.602	2.298	3.004
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			38.745								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	10	8.	98.5	460.	1.5	36344.222	190.642	1.5	3.375	132.25	460.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	10	0.9	1.122	2.663	0.176	0.805	0.897	0.176	0.496	1.687	2.663
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			13.24								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	10	11132.	7200.6	11229.	1102.	26226048.267	5121.137	1114.1	1309.25	11164.	11228.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station GATE0297

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	15	15.	14.533	27.	0.	61.981	7.873	3.	7.	20.	27.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	15	10.	7.6	14.	1.	29.971	5.475	1.	1.	14.	14.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	15	93.	353.333	2400.	9.	397565.524	630.528	12.6	23.	240.	1620.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	15	1.968	2.058	3.38	0.954	0.49	0.7	1.087	1.362	2.38	3.177
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			114.236								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	15	23.	211.933	2400.	3.	372715.067	610.504	3.6	9.	93.	1104.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	15	1.362	1.484	3.38	0.477	0.613	0.783	0.552	0.954	1.968	2.78
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			30.452								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	15	1417.	4686.867	11634.	1122.	24035132.695	4902.564	1176.	1314.	11310.	11494.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station GATE0297

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	9	13.	12.	24.	1.	70.25	8.382	1.	2.5	19.	24.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	9	10.	10.667	14.	2.	14.	3.742	2.	10.	14.	14.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	8	15.	38.188	150.	1.5	2918.281	54.021	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	8	1.176	1.172	2.176	0.176	0.448	0.669	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			14.856								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	8	8.	16.25	75.	1.5	610.429	24.707	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	8	0.9	0.868	1.875	0.176	0.329	0.573	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.38								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	9	11112.	7974.556	11605.	1228.	24723804.528	4972.304	1228.	1410.	11399.	11605.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0297

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	52	20.	20.135	32.	11.	29.021	5.387	12.	16.	24.	27.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	55	6.	6.727	15.	0.	21.387	4.625	1.	3.	10.	14.4
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	45	93.	337.422	2400.	1.5	396310.238	629.532	4.	9.	430.	1260.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	45	1.968	1.757	3.38	0.176	0.903	0.95	0.602	0.954	2.633	3.095
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			57.084								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	45	15.	199.744	2400.	1.5	258932.212	508.854	1.5	4.	180.	442.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	45	1.176	1.433	3.38	0.176	0.824	0.907	0.176	0.602	2.249	2.645
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			27.078								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	10	23.	54.53	240.	7.3	5006.898	70.759	8.07	21.	79.5	225.3
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/88-08/08/95	10	1.362	1.507	2.38	0.863	0.193	0.44	0.895	1.315	1.898	2.339
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			32.15								
70211p	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	55	11004.	6411.727	11634.	1009.	25431788.758	5042.994	1238.	1329.	11321.	11480.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0297

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	60	7.	7.883	19.	0.	16.851	4.105	3.	5.	10.	13.9
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	69	8.	8.232	20.	0.	24.21	4.92	1.	4.	13.	15.
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	58	36.	167.681	2400.	1.5	138777.761	372.529	4.	15.	230.	460.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	58	1.556	1.642	3.38	0.176	0.511	0.715	0.602	1.176	2.362	2.663
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			43.869								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	58	15.	33.241	460.	1.5	4865.353	69.752	1.5	4.	23.	91.2
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	58	1.176	1.095	2.663	0.176	0.343	0.586	0.176	0.602	1.362	1.96
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.439								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	12	15.	18.817	75.	1.5	439.752	20.97	1.5	4.975	21.	65.4
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/88-08/08/95	12	1.176	1.033	1.875	0.176	0.27	0.519	0.176	0.657	1.315	1.803
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			10.8								
70211p	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	71	11125.	8214.803	99984.	1015.	146555954.132	12106.03	1252.	1417.	11348.	11536.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

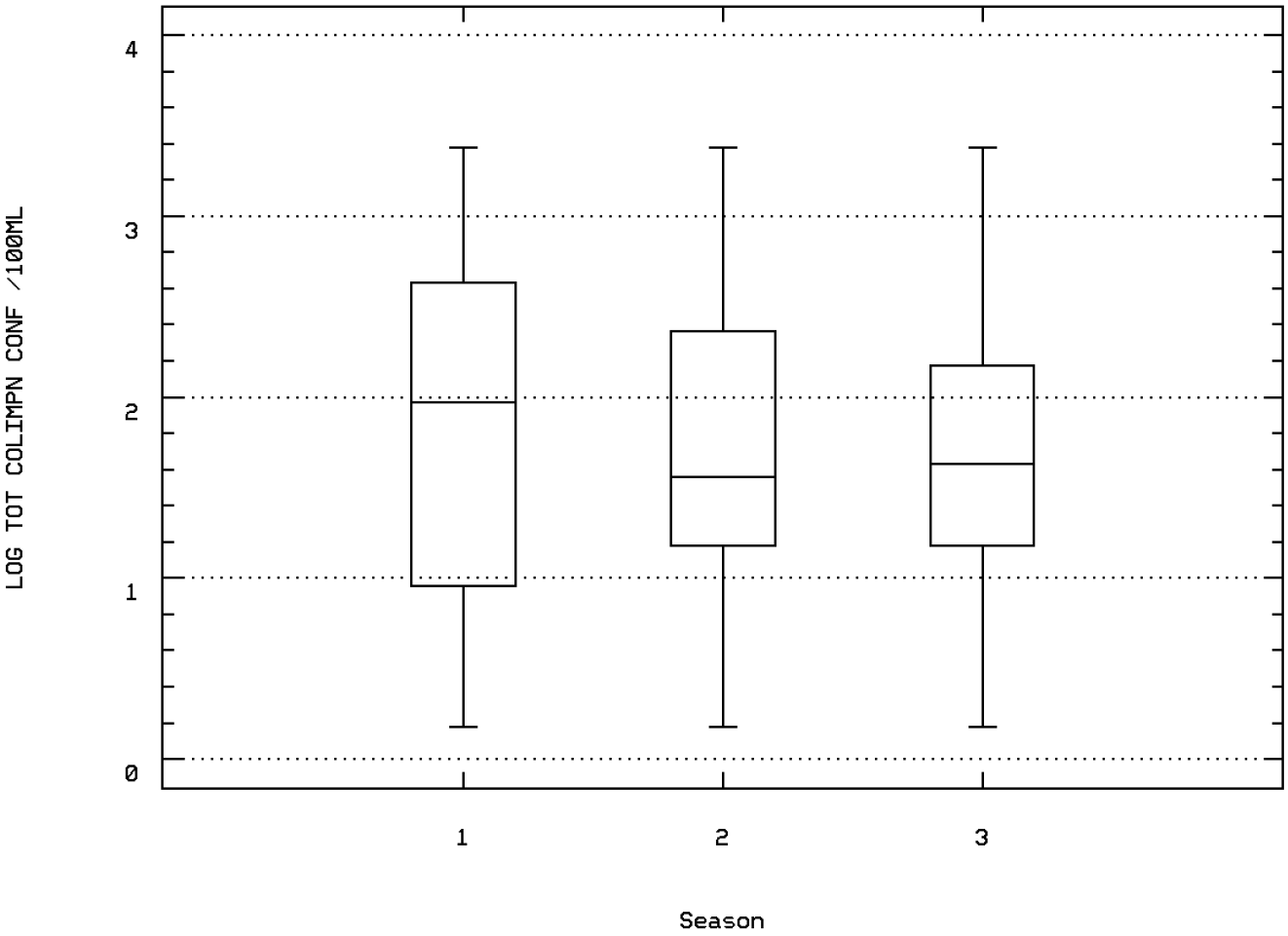
Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0297

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/08/76-10/17/95	79	21.	20.477	32.	10.	34.86	5.904	12.	15.	26.	28.
00035	WIND VELOCITY (MILES PER HOUR)	02/05/73-10/17/95	85	6.	7.094	20.	0.	20.896	4.571	1.6	3.	10.	14.
31505p	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/05/73-10/17/95	77	43.	270.864	2400.	1.5	392766.879	626.711	4.	15.	150.	554.
31505p	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/05/73-10/17/95	77	1.633	1.698	3.38	0.176	0.644	0.802	0.602	1.176	2.176	2.724
31505p	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			49.838								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	77	15.	116.675	2400.	1.5	157384.959	396.718	1.5	5.5	43.	150.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/05/73-10/17/95	77	1.176	1.288	3.38	0.176	0.538	0.734	0.176	0.724	1.633	2.176
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			19.406								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/10/88-08/08/95	8	16.05	46.113	240.	3.6	6419.684	80.123	**	**	**	**
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/10/88-08/08/95	8	1.16	1.205	2.38	0.556	0.442	0.665	**	**	**	**
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			16.018								
70211p	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	02/05/73-10/17/95	85	11228.	9656.082	99984.	1002.	222343049.957	14911.172	1277.6	1404.5	11331.5	11537.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: GATE0297 Parameter Code: 31505

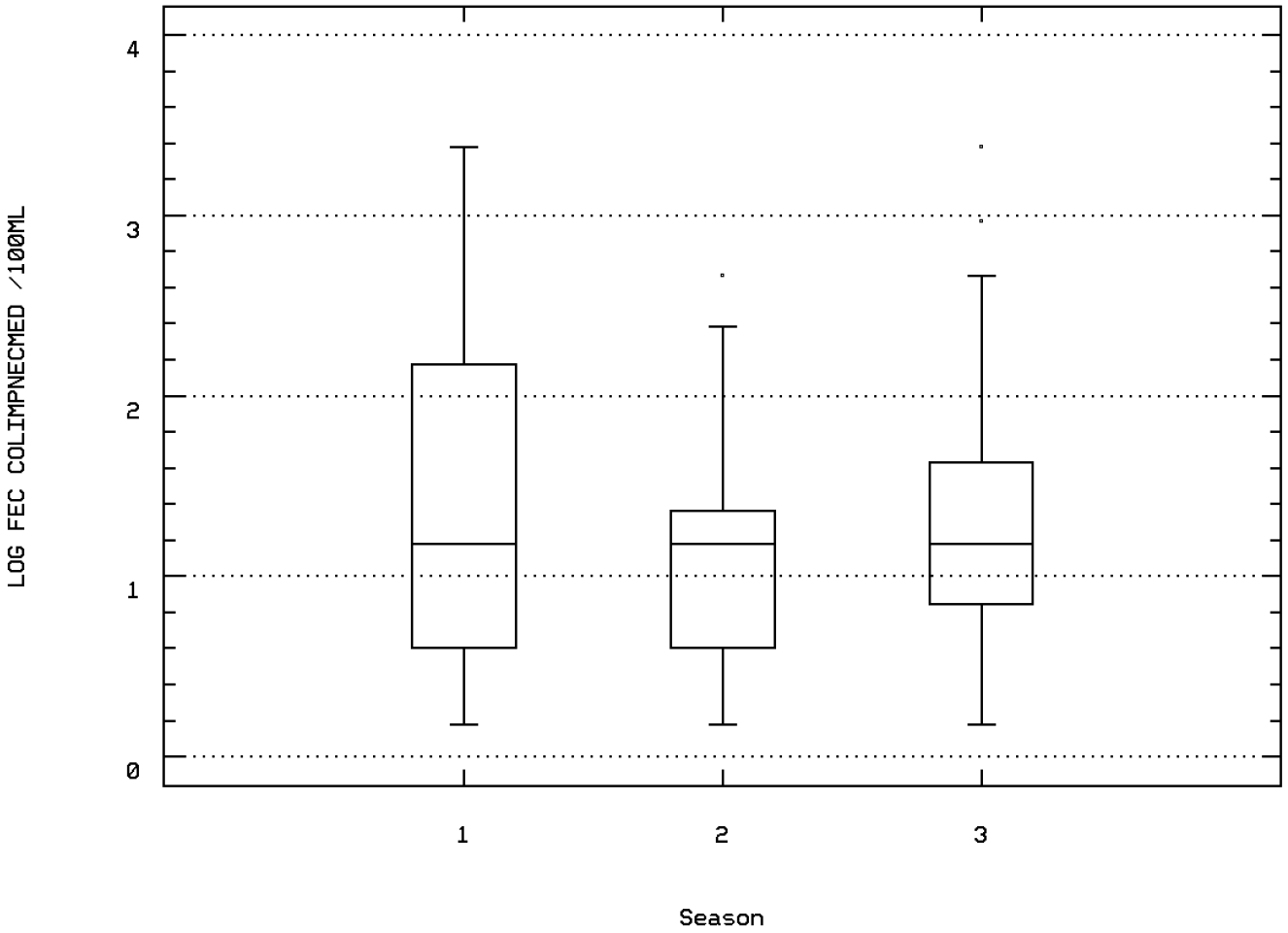
LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C



NAVESINK RIVER

Station: GATE0297 Parameter Code: 31615

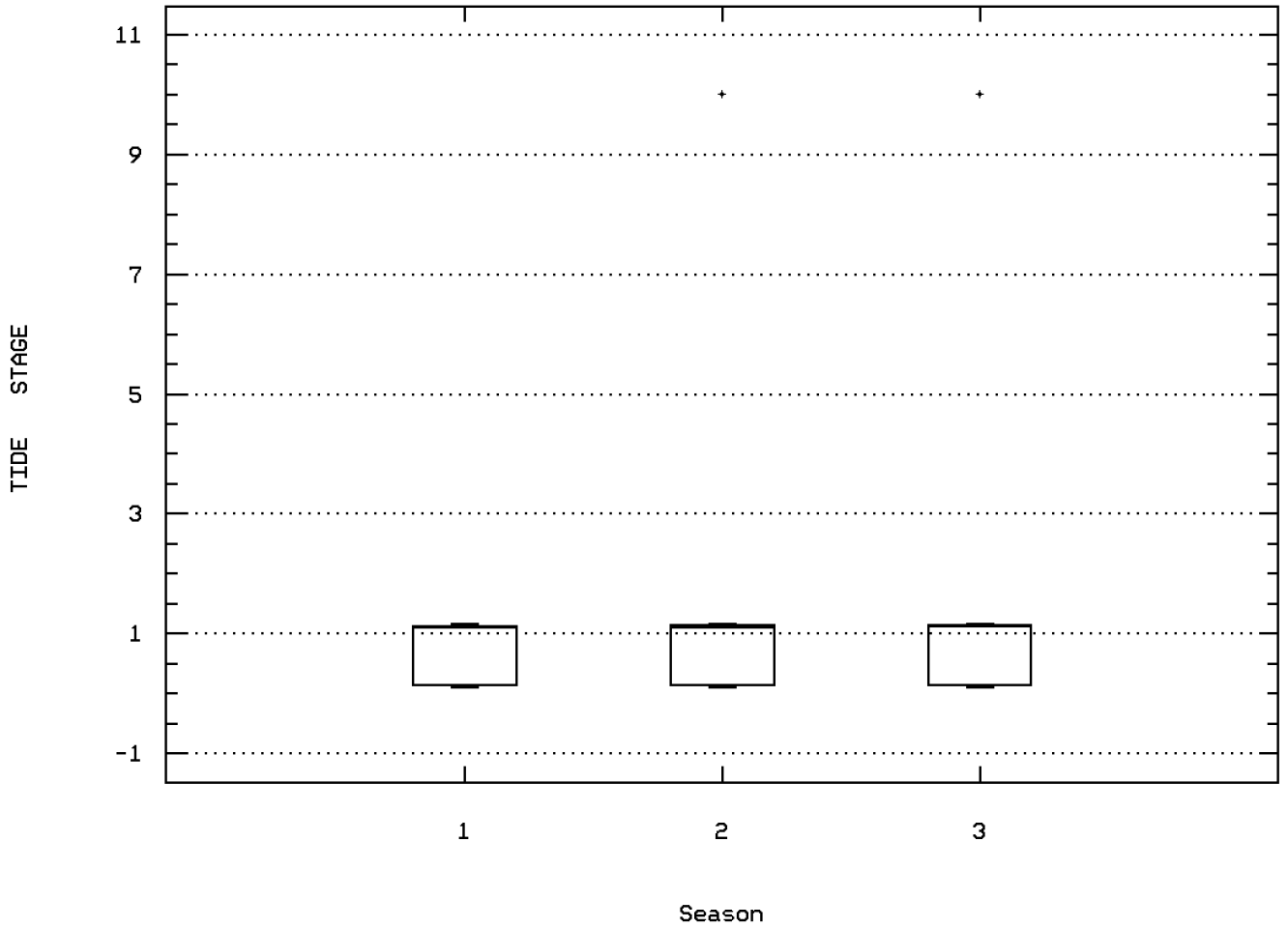
LOG FECAL COLIFORM,MPN,EC MED,44.5C (TU



NAVESINK RIVER

Station: GATE0297 Parameter Code: 70211

TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,



NAVESINK RIVER

Station Inventory for Station: GATE0298

NPS Station ID: GATE0298
LAT/LON: 40.442782/ -74.016115
Agency: 21NJDEP1
Date Created: 04/04/81
Location: SANDY HOOK BAY
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): L6996537023 /910C /SF02011
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST MAJOR BASIN
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA
ECO Region:
RF1 Index: 02030104006
RF1 Mile Point: 6.300
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J.
TIDE CORRECTION (H/L): (-0:01/ 0:00)
ASSOCIATED NOAA WEATHER STATION: 7865

Parameter Inventory for Station: GATE0298

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-05/21/84	63	18.	14.735	25.	-0.6	66.47	8.153	1.9	8.	22.	23.3
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/21/84	71	19.	19.099	36.	0.	72.89	8.538	7.2	12.	26.	29.8
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/21/84	94	5.	5.351	20.	0.	16.273	4.034	0.5	2.	8.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-05/21/84	95	16.	163.826	2400.	1.5	162629.451	403.273	1.5	4.	93.	460.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-05/21/84	95	1.204	1.35	3.38	0.176	0.832	0.912	0.176	0.602	1.968	2.663
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			22.365								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-05/21/84	87	7.	37.029	460.	1.5	8451.316	91.931	1.5	1.5	15.	93.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-05/21/84	87	0.845	0.885	2.663	0.176	0.49	0.7	0.176	0.176	1.176	1.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.668								
31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	08/10/73-12/01/78	21	3.	3.333	4.	3.	0.233	0.483	3.	3.	4.	4.
31678	LOG FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATI	08/10/73-12/01/78	21	0.477	0.519	0.602	0.477	0.004	0.06	0.477	0.477	0.602	0.602
31678	GM FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATIO	GEOMETRIC MEAN =			3.302								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/21/84	95	1546.	6166.737	11545.	1100.	24908987.047	4990.89	1230.	1337.	11245.	11419.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0298

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	95	5	0.05	20	0	0.00	33	3	0.09	42	2	0.05			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	87	6	0.07	13	0	0.00	32	4	0.13	42	2	0.05			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1973 - Station GATE0298

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/21/84	7	5.	6.	12.	3.	8.	2.828	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-05/21/84	7	9.	108.857	460.	1.5	31372.393	177.123	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-05/21/84	7	0.954	1.261	2.663	0.176	0.996	0.998	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			18.245								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/21/84	7	1500.	5560.	11145.	1100.	27165291.667	5212.033	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station GATE0298

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/21/84	7	6.	6.714	15.	0.	34.238	5.851	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-05/21/84	7	43.	150.	460.	21.	28774.667	169.631	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-05/21/84	7	1.633	1.872	2.663	1.322	0.337	0.58	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			74.432								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-05/21/84	7	11.	87.714	460.	1.5	28063.821	167.523	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-05/21/84	7	1.041	1.18	2.663	0.176	0.899	0.948	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			15.137								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/21/84	7	1430.	4208.571	11300.	1200.	23477472.619	4845.356	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GATE0298

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/21/84	10	7.5	8.3	20.	0.	34.9	5.908	0.2	4.25	11.25	19.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-05/21/84	10	93.	129.5	460.	9.	20736.056	144.	10.2	22.5	240.	438.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-05/21/84	10	1.968	1.833	2.663	0.954	0.313	0.56	0.991	1.352	2.38	2.635
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			68.054								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-05/21/84	10	9.	26.4	93.	4.	838.933	28.964	4.	6.25	43.	88.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-05/21/84	10	0.954	1.178	1.968	0.602	0.241	0.491	0.602	0.784	1.633	1.935
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			15.069								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/21/84	10	1395.	5270.	11445.	1115.	26330533.333	5131.329	1126.5	1293.75	11165.	11432.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GATE0298

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/21/84	10	26.	24.9	30.	10.	32.1	5.666	11.4	24.	28.25	29.9
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/21/84	9	3.	4.111	15.	1.	21.361	4.622	1.	1.	5.5	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-05/21/84	10 ##	4.25	120.95	1100.	1.5	118616.692	344.408	1.5	1.5	43.	994.3
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-05/21/84	10 ##	0.511	0.899	3.041	0.176	0.921	0.96	0.176	0.176	1.633	2.901
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			7.922								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-05/21/84	10 ##	2.75	28.25	240.	1.5	5555.736	74.537	1.5	1.5	10.5	217.5
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-05/21/84	10 ##	0.389	0.684	2.38	0.176	0.502	0.708	0.176	0.176	1.01	2.26
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.829								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/21/84	10	11245.	9318.5	11545.	1245.	17960622.5	4237.997	1252.	8740.	11403.75	11532.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GATE0298

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/21/84	7	16.	19.	32.	6.	95.667	9.781	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/21/84	7	5.	4.143	10.	0.	10.81	3.288	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-05/21/84	7	11.	197.071	1100.	1.5	166029.702	407.467	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-05/21/84	7	1.041	1.321	3.041	0.176	1.056	1.028	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			20.938								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-05/21/84	7	4.	49.714	240.	1.5	8166.821	90.37	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-05/21/84	7	0.602	0.93	2.38	0.176	0.773	0.879	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.503								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/21/84	7	11215.	7027.857	11345.	1300.	27799832.143	5272.555	**	**	**	**

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Annual Analysis for 1979 - Station GATE0298

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/21/84	9	26.	26.556	36.	15.	45.778	6.766	15.	22.	32.	36.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/21/84	9	5.	4.889	10.	2.	6.611	2.571	2.	2.5	6.5	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-05/21/84	9	20.	290.833	2400.	1.5	626450.75	791.486	1.5	4.	68.	2400.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-05/21/84	9	1.301	1.361	3.38	0.176	0.915	0.957	0.176	0.602	1.801	3.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			22.974								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-05/21/84	9 ##	1.5	54.111	460.	1.5	23177.924	152.243	1.5	1.5	9.	460.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-05/21/84	9 ##	0.176	0.625	2.663	0.176	0.697	0.835	0.176	0.176	0.954	2.663
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.22								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/21/84	9	11215.	6882.222	11500.	1230.	27931894.444	5285.063	1230.	1287.5	11372.5	11500.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GATE0298

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/21/84	6	18.5	17.167	28.	0.	108.967	10.439	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/21/84	6	1.5	3.	10.	0.	16.	4.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-05/21/84	6 ##	47.25	492.917	2400.	1.5	904490.942	951.047	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-05/21/84	6 ##	1.072	1.423	3.38	0.176	2.066	1.437	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			26.503								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-05/21/84	6 ##	8.25	47.083	240.	1.5	9011.942	94.931	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-05/21/84	6 ##	0.676	0.908	2.38	0.176	0.81	0.9	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.086								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/21/84	6	11315.	8044.167	11515.	1230.	27002184.167	5196.363	**	**	**	**

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Annual Analysis for 1981 - Station GATE0298

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/21/84	11	15.	16.364	30.	6.	70.255	8.382	6.2	9.	23.	29.8
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/21/84	11	3.	3.636	10.	0.	10.055	3.171	0.	1.	7.	9.4
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-05/21/84	11 ##	1.5	134.818	1100.	1.5	107540.814	327.934	1.5	1.5	75.	928.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-05/21/84	11 ##	0.176	1.017	3.041	0.176	1.135	1.065	0.176	0.176	1.875	2.909
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			10.407								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-05/21/84	11 ##	1.5	19.091	150.	1.5	1925.941	43.886	1.5	1.5	15.	124.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-05/21/84	11 ##	0.176	0.683	2.176	0.176	0.45	0.671	0.176	0.176	1.176	2.001
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.816								

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Annual Analysis for 1981 - Station GATE0298

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/21/84	11	1430.	4056.273	11245.	1202.	21266597.018	4611.572	1204.6	1307.	11215.	11245.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station GATE0298

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/21/84	10	17.	17.7	35.	9.	59.344	7.704	9.2	11.75	20.5	34.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/21/84	10	5.	4.9	8.	1.	4.989	2.234	1.2	3.	6.5	8.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-05/21/84	10	25.5	84.5	460.	9.	19480.944	139.574	9.	13.5	107.25	429.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-05/21/84	10	1.366	1.543	2.663	0.954	0.327	0.572	0.954	1.121	2.02	2.614
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			34.945								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-05/21/84	9	## 15.	10.778	21.	1.5	49.632	7.045	1.5	2.75	15.	21.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-05/21/84	9	## 1.176	0.882	1.322	0.176	0.202	0.45	0.176	0.389	1.176	1.322
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.615								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/21/84	10	6369.5	6337.5	11438.	1252.	27460275.389	5240.255	1258.5	1331.25	11307.25	11425.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station GATE0298

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/21/84	11	16.	17.727	29.	7.	47.018	6.857	7.8	12.	23.	28.4
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/21/84	11	5.	5.273	10.	1.	11.018	3.319	1.2	2.	8.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-05/21/84	11	15.	113.909	930.	1.5	77645.841	278.65	1.5	4.	23.	790.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-05/21/84	11	1.176	1.189	2.968	0.176	0.708	0.841	0.176	0.602	1.362	2.847
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			15.465								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-05/21/84	11	4.	47.	430.	1.5	16187.35	127.23	1.5	4.	15.	348.6
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-05/21/84	11	0.602	0.935	2.633	0.176	0.484	0.695	0.176	0.602	1.176	2.379
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.608								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/21/84	11	1530.	5879.455	11527.	1215.	27158617.673	5211.393	1219.4	1237.	11352.	11506.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GATE0298

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/21/84	7	9.	11.429	20.	4.	37.952	6.161	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/21/84	7	10.	8.	12.	3.	12.667	3.559	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-05/21/84	7	9.	101.643	390.	1.5	22107.56	148.686	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-05/21/84	7	0.954	1.317	2.591	0.176	0.919	0.959	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			20.73								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-05/21/84	7	9.	17.071	43.	1.5	333.036	18.249	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-05/21/84	7	0.954	0.968	1.633	0.176	0.304	0.551	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.294								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/21/84	7	1553.	5643.857	11346.	1253.	27076415.143	5203.5	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0298

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-05/21/84	13	23.3	22.585	25.	16.	5.721	2.392	17.6	21.85	23.95	25.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/21/84	13	23.	22.692	36.	7.	71.064	8.43	8.6	17.	28.5	35.2
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/21/84	20	5.	5.55	12.	1.	7.313	2.704	2.1	4.25	6.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-05/21/84	20	9.	46.475	460.	1.5	12196.565	110.438	1.5	2.125	22.25	220.3
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-05/21/84	20	0.954	1.034	2.663	0.176	0.493	0.702	0.176	0.283	1.347	2.306
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			10.806								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-05/21/84	13 ##	4.	4.308	15.	1.5	15.939	3.992	1.5	1.5	5.5	12.6
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-05/21/84	13 ##	0.602	0.495	1.176	0.176	0.121	0.348	0.176	0.176	0.724	1.087
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.129								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/21/84	20	1507.5	4822.95	11438.	1100.	23262978.892	4823.171	1204.8	1285.	11145.	11294.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0298

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-05/21/84	20	5.	4.13	10.	-0.6	9.83	3.135	0.65	1.25	7.75	0.26
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/21/84	21	10.	9.762	16.	0.	17.29	4.158	4.4	6.5	12.	16.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/21/84	33	5.	5.879	20.	0.	24.11	4.91	0.	1.5	10.	11.6
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-05/21/84	33	36.	219.697	2400.	1.5	224739.187	474.067	1.5	13.	240.	844.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-05/21/84	33	1.556	1.638	3.38	0.176	0.746	0.864	0.176	1.109	2.38	2.89
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			43.436								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-05/21/84	32	13.	54.094	460.	1.5	10409.588	102.027	1.5	4.	43.	240.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-05/21/84	32	1.109	1.133	2.663	0.176	0.538	0.734	0.176	0.602	1.633	2.38
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			13.586								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/21/84	33	1515.	5297.03	11545.	1200.	24376913.093	4937.298	1238.8	1333.	11272.5	11437.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0298

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-05/21/84	30	20.	18.403	23.	10.	14.197	3.768	12.	16.	21.025	22.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/21/84	37	24.	23.135	35.	13.	36.176	6.015	14.8	17.5	28.	30.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/21/84	41	3.	4.829	15.	0.	14.545	3.814	1.	2.	7.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-05/21/84	42	12.	175.81	2400.	1.5	182422.231	427.109	1.5	1.5	93.	460.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-05/21/84	42	1.065	1.273	3.38	0.176	0.976	0.988	0.176	0.176	1.968	2.663
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			18.77								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-05/21/84	42	4.	34.155	460.	1.5	9276.591	96.315	1.5	1.5	16.5	43.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-05/21/84	42	0.602	0.816	2.663	0.176	0.485	0.696	0.176	0.176	1.213	1.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.545								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/21/84	42	11185.5	7489.976	11527.	1115.	24018790.999	4900.897	1234.5	1343.	11314.25	11436.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0299

NPS Station ID: GATE0299
LAT/LON: 40.445559/ -74.016393
Agency: 1111H030
Date Created: / /
Location: RARITAN BAY (15)
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): 402644007400590/015 /15 /RB15
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030104
Depth of Water: 19
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-N.Y. METROPOLI
ECO Region:
RF1 Index: 02030104006
RF1 Mile Point: 6.300
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0299

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/14/62-12/14/72	109	16.1	13.819	26.1	0.	71.431	8.452	1.4	5.	21.7	23.9
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/14/62-12/14/72	91	16.	15.336	33.	0.	80.175	8.954	2.2	7.	22.	26.92
00030	LIGHT, INCIDENT, SUNLIGHT RADIATION INTENSITY	08/25/69-08/25/69	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/02/66-12/14/72	20	4.3	7.215	37.	1.5	70.554	8.4	2.54	3.25	6.65	21.2
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	03/05/69-11/13/69	4	5.15	6.05	12.	1.9	22.417	4.735	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	01/05/67-05/08/68	5	36.	51.4	114.	30.	1239.8	35.211	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	04/13/70-04/13/70	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/18/72-12/14/72	2	27300.	27300.	37100.	17500.	192080000.	13859.293	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/23/63-12/14/72	24	33850.	32912.792	42000.	4.	66464821.65	8152.596	27189.	31357.5	38612.5	40235.
00300	OXYGEN, DISSOLVED MG/L	08/14/62-12/14/72	112	10.	10.076	18.	4.5	6.928	2.632	6.53	8.4	11.4	13.14
00310	BOD, 5 DAY, 20 DEG C MG/L	06/04/64-01/23/68	18	3.05	3.456	7.9	0.	3.228	1.797	1.44	2.3	4.575	5.83
00340	COD, .25N K2CR2O7 MG/L	11/04/64-08/24/66	15	98.	111.933	198.	51.	2045.21	45.224	54.	77.	145.	188.4
00400	PH (STANDARD UNITS)	02/06/64-02/15/68	15	7.8	7.773	8.4	7.2	0.074	0.271	7.44	7.6	7.8	8.28
00400	CONVERTED PH (STANDARD UNITS)	02/06/64-02/15/68	15	7.8	7.698	8.4	7.2	0.08	0.282	7.44	7.6	7.8	8.28
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/06/64-02/15/68	15	0.016	0.02	0.063	0.004	0.	0.013	0.005	0.016	0.025	0.04
00500	RESIDUE, TOTAL (MG/L)	08/19/64-08/25/64	4	14480.	14435.	15140.	13640.	388966.667	623.672	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	07/23/63-07/23/63	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/23/63-10/05/87	69	0.11	0.188	0.85	0.	0.042	0.204	0.01	0.03	0.265	0.51
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/11/63-08/24/66	24	0.04	0.046	0.16	0.	0.001	0.036	0.01	0.02	0.05	0.1
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/11/63-06/06/72	26	0.11	0.132	0.37	0.	0.009	0.093	0.02	0.04	0.185	0.258
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/02/66-06/06/72	9	0.95	0.93	1.46	0.2	0.115	0.339	0.2	0.8	1.115	1.46
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/28/81-10/05/87	64	0.115	0.136	0.61	0.005	0.015	0.123	0.005	0.025	0.208	0.29
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	03/02/66-01/23/68	6	0.455	0.543	1.22	0.32	0.116	0.34	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/11/63-08/24/66	24	0.39	0.409	0.9	0.12	0.029	0.17	0.21	0.323	0.468	0.675
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/30/72-10/05/87	59	0.12	0.137	0.26	0.04	0.003	0.053	0.07	0.09	0.18	0.23
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/07/69-12/14/72	18	4.7	4.789	8.	2.	3.494	1.869	2.72	3.	5.5	8.
00940	CHLORIDE,TOTAL IN WATER MG/L	08/14/62-09/24/81	86	13900.	13699.07	16400.	9000.	2290307.36	1513.376	11740.	13000.	14562.5	15330.
01027	CADMIUM, TOTAL (UG/L AS CD)	02/17/71-02/17/71	1	110.	110.	110.	110.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/17/71-02/17/71	1	120.	120.	120.	120.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	02/17/71-02/17/71	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	02/17/71-02/17/71	1	270.	270.	270.	270.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/14/62-12/14/72	76	20.	85.737	1500.	2.	61401.983	247.794	4.	6.5	43.	204.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/14/62-12/14/72	76	1.301	1.303	3.176	0.301	0.409	0.639	0.602	0.809	1.633	2.303
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			20.087								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/14/62-06/01/67	49	27.	121.429	1800.	1.	84673.125	290.986	2.	11.	94.5	350.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/14/62-06/01/67	49	1.431	1.468	3.255	0.	0.555	0.745	0.301	1.041	1.97	2.544
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			29.347								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/14/62-06/01/67	43	7.	32.512	540.	1.	7972.161	89.287	1.	4.	23.	61.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GATE0299

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/14/62-06/01/67	43	0.845	0.927	2.732	0.	0.429	0.655	0.	0.602	1.362	1.756
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.449								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/63-12/14/72	57	4.	18.228	400.	1.	3346.858	57.852	2.	2.	9.	32.8
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/63-12/14/72	57	0.602	0.684	2.602	0.	0.307	0.554	0.301	0.301	0.952	1.515
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4.831								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/14/62-08/24/66	63	5.	33.778	710.	1.	9199.918	95.916	2.	2.	20.	90.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/14/62-08/24/66	63	0.699	0.948	2.851	0.	0.395	0.629	0.301	0.301	1.301	1.954
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			8.869								
70305	SALINITY BASED ON CONDUCTIVITY	09/13/66-12/14/72	31	22.6	22.494	26.4	16.2	8.067	2.84	17.3	20.9	25.3	25.98
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/28/81-10/05/87	56	0.07	0.089	0.4	0.005	0.006	0.074	0.02	0.04	0.12	0.176
71900	MERCURY, TOTAL (UG/L AS HG)	02/17/71-02/17/71	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0299

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	20	0	0.00	3	0	0.00	9	0	0.00	8	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	112	0	0.00	36	0	0.00	38	0	0.00	38	0	0.00			
00400	PH	Other-Hi Lim.	9.	15	0	0.00	4	0	0.00	7	0	0.00	4	0	0.00			
		Other-Lo Lim.	6.5	15	0	0.00	4	0	0.00	7	0	0.00	4	0	0.00			
01027	CADMIUM, TOTAL	Marine Acute	43.	1	1	1.00				1	1	1.00						
01042	COPPER, TOTAL	Marine Acute	2.9	0 &	0	0.00												
01051	LEAD, TOTAL	Marine Acute	220.	1	1	1.00				1	1	1.00						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	76	2	0.03	29	0	0.00	26	1	0.04	21	1	0.05			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	49	1	0.02	24	1	0.04	10	0	0.00	15	0	0.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	43	2	0.05	18	0	0.00	10	1	0.10	15	1	0.07			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	57	1	0.02	12	0	0.00	18	0	0.00	27	1	0.04			
71900	MERCURY, TOTAL	Marine Acute	2.1	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1962 - Station GATE0299

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/14/62-12/14/72	25	17.	15.324	24.5	0.4	55.037	7.419	1.88	11.	21.85	22.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/14/62-12/14/72	21	18.	14.905	25.	1.	71.59	8.461	1.2	5.	22.	24.8
00300	OXYGEN, DISSOLVED MG/L	08/14/62-12/14/72	26	8.25	8.004	11.	5.4	2.754	1.66	5.67	6.5	9.5	10.16

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1963 - Station GATE0299

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/14/62-12/14/72	27	18.9	15.722	24.5	0.5	59.666	7.724	1.	9.	22.4	23.68
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/14/62-12/14/72	25	21.	19.52	33.	2.	90.677	9.522	3.2	14.5	27.5	30.4
00300	OXYGEN, DISSOLVED MG/L	08/14/62-12/14/72	26	11.3	11.654	16.5	7.2	5.402	2.324	8.76	10.075	12.975	15.44
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/23/63-10/05/87	1	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1964 - Station GATE0299

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/14/62-12/14/72	10	14.3	12.72	26.1	1.4	81.471	9.026	1.45	3.925	21.675	25.68
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/14/62-12/14/72	10	14.	12.5	30.	0.	86.944	9.324	0.3	3.	19.	28.9
00300	OXYGEN, DISSOLVED MG/L	08/14/62-12/14/72	10	11.05	10.23	12.9	7.2	4.333	2.082	7.23	8.1	11.925	12.84

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1965 - Station GATE0299

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/14/62-12/14/72	9	9.6	11.511	25.5	0.5	74.389	8.625	0.5	3.75	18.5	25.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/14/62-12/14/72	9	10.	13.	25.	4.	46.25	6.801	4.	8.	18.5	25.
00300	OXYGEN, DISSOLVED MG/L	08/14/62-12/14/72	9	11.	10.433	13.8	4.5	7.32	2.706	4.5	9.3	12.35	13.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1966 - Station GATE0299

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/14/62-12/14/72	7	20.5	16.129	23.9	3.5	73.216	8.557	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/14/62-12/14/72	6	18.5	15.833	22.	1.	62.967	7.935	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/14/62-12/14/72	7	10.3	9.486	11.1	6.4	3.318	1.822	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/23/63-10/05/87	2	0.275	0.275	0.42	0.13	0.042	0.205	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1967 - Station GATE0299

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/14/62-12/14/72	10	3.75	10.62	25.4	1.8	114.004	10.677	1.83	2.1	24.575	25.4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/14/62-12/14/72	2	5.	5.	10.	0.	50.	7.071	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1967 - Station GATE0299

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300	OXYGEN, DISSOLVED MG/L	08/14/62-12/14/72	11	9.8	10.218	16.1	8.	4.514	2.125	8.2	9.2	10.2	15.14

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1968 - Station GATE0299

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/14/62-12/14/72	3	1.	4.767	13.3	0.	54.863	7.407	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/14/62-12/14/72	3	11.3	11.1	11.7	10.3	0.52	0.721	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1969 - Station GATE0299

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/14/62-12/14/72	5	17.5	15.78	26.	2.3	90.277	9.501	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/14/62-12/14/72	4	14.25	15.025	26.6	5.	87.936	9.377	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/14/62-12/14/72	5	8.7	9.14	11.4	8.	1.788	1.337	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1970 - Station GATE0299

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/14/62-12/14/72	5	17.4	14.04	20.9	2.9	56.298	7.503	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/14/62-12/14/72	5	21.	17.2	26.	4.	79.075	8.892	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/14/62-12/14/72	5	9.3	10.94	18.	5.7	29.033	5.388	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1971 - Station GATE0299

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/14/62-12/14/72	3	11.5	12.533	25.4	0.7	153.323	12.382	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/14/62-12/14/72	4	8.5	12.75	29.	5.	120.083	10.958	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/14/62-12/14/72	4	10.75	10.575	12.2	8.6	2.802	1.674	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station GATE0299

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/14/62-12/14/72	5	5.4	9.56	22.3	0.	82.723	9.095	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/14/62-12/14/72	5	7.	10.1	18.5	3.	45.55	6.749	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/14/62-12/14/72	6	10.85	11.067	17.3	6.5	14.235	3.773	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/30/72-10/05/87	3	0.15	0.177	0.25	0.13	0.004	0.064	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station GATE0299

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/23/63-10/05/87	6	0.16	0.158	0.36	0.01	0.015	0.121	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/30/72-10/05/87	6	0.135	0.132	0.23	0.07	0.003	0.057	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/28/81-10/05/87	6	0.07	0.075	0.12	0.04	0.001	0.034	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station GATE0299

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/23/63-10/05/87	12	0.215	0.332	0.85	0.07	0.076	0.276	0.076	0.153	0.573	0.835
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/30/72-10/05/87	12	0.13	0.138	0.26	0.07	0.003	0.053	0.076	0.094	0.173	0.239
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/28/81-10/05/87	12	0.08	0.078	0.13	0.03	0.001	0.031	0.033	0.053	0.104	0.127

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station GATE0299

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/23/63-10/05/87	10	0.095	0.192	0.77	0.01	0.071	0.267	0.011	0.028	0.27	0.753
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/30/72-10/05/87	10	0.135	0.137	0.23	0.07	0.003	0.051	0.072	0.09	0.168	0.226
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/28/81-10/05/87	10	0.09	0.091	0.21	0.005	0.004	0.065	0.006	0.025	0.133	0.203

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GATE0299

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/23/63-10/05/87	9	0.09	0.154	0.37	0.03	0.017	0.132	0.03	0.035	0.27	0.37
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/30/72-10/05/87	9	0.1	0.104	0.19	0.04	0.003	0.053	0.04	0.055	0.15	0.19
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/28/81-10/05/87	9	0.04	0.051	0.11	0.02	0.001	0.033	0.02	0.02	0.08	0.11

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GATE0299

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/23/63-10/05/87	8	0.175	0.226	0.65	0.01	0.038	0.195	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/30/72-10/05/87	7	0.19	0.164	0.23	0.09	0.003	0.053	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/28/81-10/05/87	6	0.17	0.212	0.4	0.07	0.016	0.127	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GATE0299

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/23/63-10/05/87	12	0.06	0.065	0.21	0.005	0.004	0.06	0.005	0.009	0.1	0.18
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/30/72-10/05/87	12	0.12	0.137	0.23	0.08	0.002	0.048	0.083	0.1	0.168	0.224
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/28/81-10/05/87	12	0.06	0.078	0.2	0.02	0.004	0.066	0.02	0.02	0.148	0.191

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GATE0299

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/23/63-10/05/87	9 ##	0.025	0.177	0.51	0.025	0.036	0.19	0.025	0.025	0.33	0.51
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/28/81-10/05/87	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0299

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/14/62-12/14/72	35	21.5	20.469	26.	15.	9.985	3.16	16.56	17.2	22.5	24.86
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/14/62-12/14/72	27	21.	21.189	29.	15.	13.409	3.662	16.6	19.	24.	26.68
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/02/66-12/14/72	3	3.	3.233	5.2	1.5	3.463	1.861	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/23/63-12/14/72	8	34050.	35390.625	40470.	31000.	14644603.125	3826.827	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/14/62-12/14/72	36	8.25	7.961	12.6	4.5	3.273	1.809	5.67	6.5	9.15	10.5
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/23/63-10/05/87	20	0.179	0.216	0.77	0.01	0.038	0.194	0.021	0.103	0.31	0.576
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/11/63-06/06/72	6	0.065	0.085	0.18	0.	0.006	0.079	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/28/81-10/05/87	21	0.13	0.171	0.61	0.005	0.025	0.157	0.025	0.038	0.25	0.442
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/30/72-10/05/87	17	0.16	0.155	0.23	0.09	0.002	0.042	0.102	0.115	0.185	0.23
00940	CHLORIDE,TOTAL IN WATER MG/L	08/14/62-09/24/81	30	14450.	14444.	15600.	13000.	474252.414	688.66	13620.	13900.	15100.	15390.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/14/62-12/14/72	29	10.	18.414	70.	2.	273.108	16.526	4.	5.5	23.	50.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/14/62-12/14/72	29	1.	1.098	1.845	0.301	0.165	0.406	0.602	0.739	1.361	1.699
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			12.528								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/63-12/14/72	12	## 2.	6.75	52.	1.	204.932	14.315	1.3	2.	4.	38.2
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/63-12/14/72	12	## 0.301	0.484	1.716	0.	0.191	0.437	0.09	0.301	0.602	1.435
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.046								
70305	SALINITY BASED ON CONDUCTIVITY	09/13/66-12/14/72	7	25.3	24.8	26.	22.8	1.72	1.311	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/28/81-10/05/87	16	0.11	0.113	0.21	0.03	0.002	0.049	0.058	0.073	0.148	0.196

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0299

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/14/62-12/14/72	38	2.6	3.75	12.9	0.	10.676	3.267	0.49	1.3	5.1	9.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/14/62-12/14/72	31	4.	4.919	12.	0.	11.252	3.354	1.	2.	8.	10.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/02/66-12/14/72	9	5.6	11.256	37.	3.	131.503	11.467	3.	4.15	18.	37.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/23/63-12/14/72	9	31680.	30204.667	42000.	4.	147501563.	12145.022	4.	29239.	36925.	42000.
00300	OXYGEN, DISSOLVED MG/L	08/14/62-12/14/72	38	10.3	10.647	15.1	7.2	2.732	1.653	8.54	9.8	11.7	12.63
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/11/63-06/06/72	9	0.18	0.181	0.37	0.03	0.012	0.11	0.03	0.095	0.27	0.37
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/30/72-10/05/87	1	0.13	0.13	0.13	0.13	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/14/62-09/24/81	23	12900.	13101.304	16200.	10300.	1494948.221	1222.681	11680.	12400.	14100.	14500.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/14/62-12/14/72	26	21.	141.692	1500.	2.	100551.822	317.099	4.	10.5	91.5	464.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/14/62-12/14/72	26	1.322	1.495	3.176	0.301	0.548	0.74	0.602	1.004	1.961	2.652
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			31.236								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/63-12/14/72	18	8.	15.444	100.	2.	527.438	22.966	2.	3.5	18.5	42.4
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/63-12/14/72	18	0.903	0.912	2.	0.301	0.235	0.485	0.301	0.527	1.267	1.601
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			8.166								
70305	SALINITY BASED ON CONDUCTIVITY	09/13/66-12/14/72	17	22.	22.253	26.4	16.7	6.154	2.481	19.1	20.8	24.	26.24

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0299

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/14/62-12/14/72	36	18.45	17.983	26.1	7.	27.301	5.225	9.63	15.125	22.975	24.63
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/14/62-12/14/72	33	18.5	20.333	33.	8.	44.276	6.654	13.1	16.	25.5	30.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/02/66-12/14/72	8	4.1	4.163	7.	2.5	1.791	1.338	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/23/63-12/14/72	7	34200.	33562.857	38930.	27200.	21347557.143	4620.342	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/14/62-12/14/72	38	11.2	11.508	18.	5.7	8.162	2.857	8.18	9.275	12.925	16.14
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/23/63-10/05/87	49	0.09	0.177	0.85	0.	0.044	0.209	0.01	0.03	0.245	0.51
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/11/63-06/06/72	11	0.11	0.118	0.22	0.02	0.005	0.072	0.022	0.04	0.18	0.216
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/28/81-10/05/87	43	0.1	0.119	0.32	0.005	0.01	0.101	0.005	0.025	0.19	0.28
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/30/72-10/05/87	41	0.12	0.13	0.26	0.04	0.003	0.056	0.07	0.09	0.171	0.226
00940	CHLORIDE,TOTAL IN WATER MG/L	08/14/62-09/24/81	33	13900.	13438.485	16400.	9000.	3778969.508	1943.957	9560.	12650.	14550.	15606.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

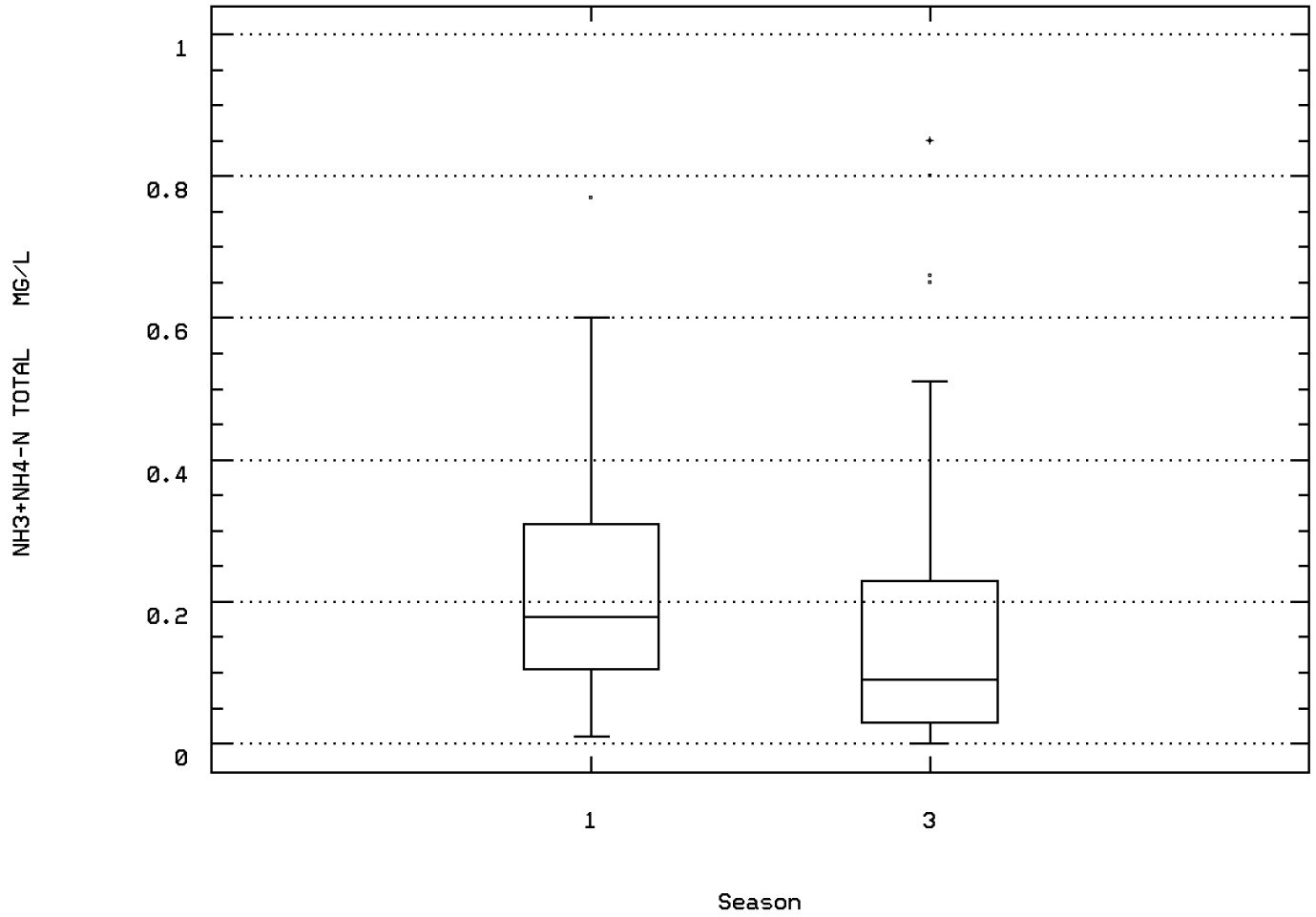
Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0299

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/14/62-12/14/72	21	18.	109.429	1400.	2.	92953.657	304.883	2.4	8.	50.	292.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/14/62-12/14/72	21	1.255	1.349	3.146	0.301	0.506	0.712	0.361	0.903	1.698	2.455
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			22.317								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/63-12/14/72	27	2.	25.185	400.	1.	6660.618	81.613	1.8	2.	4.	59.6
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/63-12/14/72	27	0.301	0.621	2.602	0.	0.369	0.607	0.241	0.301	0.602	1.65
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4.178								
70305	SALINITY BASED ON CONDUCTIVITY	09/13/66-12/14/72	7	20.9	20.771	25.3	16.2	12.372	3.517	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/28/81-10/05/87	40	0.06	0.079	0.4	0.005	0.007	0.081	0.02	0.026	0.103	0.166

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: GATE0299 Parameter Code: 00610

NITROGEN, AMMONIA, TOTAL (MG/L AS N)



RARITAN BAY (15)

Station Inventory for Station: GATE0300

NPS Station ID: GATE0300
LAT/LON: 40.445837/ -74.016670
Agency: 11NOAMID
Date Created: 11/16/78
Location: RARITAN BAY
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): RARB15
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON NEW YORK METRO AREA
ECO Region:
RF1 Index: 02030104006
RF1 Mile Point: 6.300
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
TRACE METALS IN SEDIMENTS OF RARITAN BAY - GREIG AND MCGRATH - NOAA NATL MAR FISH SERV - MID ATLANTIC COAST FISH CEN MILFORD CT 1973
MARINE POLLUTION BULLETIN VOL 8 NO 8 AUG 1977

Parameter Inventory for Station: GATE0300

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	2	4.75	4.75	5.5	4.	1.125	1.061	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	2	160.	160.	200.	120.	3200.	56.569	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	02/01/73-05/01/73	2	295.	295.	330.	260.	2450.	49.497	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	02/01/73-05/01/73	2	200.	200.	240.	160.	3200.	56.569	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	2	31.5	31.5	39.	24.	112.5	10.607	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	02/01/73-05/01/73	2	415.	415.	430.	400.	450.	21.213	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GATE0301

NPS Station ID: GATE0301
LAT/LON: 40.427503/ -74.017781
Agency: 21NJDEP1
Date Created: 04/04/81
Location: SANDY HOOK BAY
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): L6994636931 /908A /SF02022
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST MAJOR BASIN
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA
ECO Region:
RF1 Index: 02030104006
RF1 Mile Point: 6.400
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J.
TIDE CORRECTION (H/L): (-0:01/ 0:00)
ASSOCIATED NOAA WEATHER STATION: 7865

Parameter Inventory for Station: GATE0301

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	63	18.	14.735	25.	-0.6	66.47	8.153	1.9	8.	22.	23.3
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	157	19.	19.232	36.	0.	68.787	8.294	8.	12.	26.	29.2
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	183	4.	4.754	20.	0.	13.703	3.702	1.	2.	7.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	158	15.	176.62	4600.	1.5	354776.804	595.631	1.5	6.75	93.	240.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	158	1.176	1.372	3.663	0.176	0.693	0.833	0.176	0.828	1.968	2.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			23.574								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	150	7.	36.44	930.	1.5	9616.553	98.064	1.5	1.5	15.	93.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	150	0.845	0.919	2.968	0.176	0.466	0.683	0.176	0.176	1.176	1.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.307								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/15/90-05/18/92	18	3.6	4.522	15.	1.5	15.937	3.992	1.5	1.5	9.1	9.69
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	05/15/90-05/18/92	18	0.556	0.511	1.176	0.176	0.127	0.356	0.176	0.176	0.959	0.981
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			3.245								
31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	08/10/73-12/01/78	21	3.	3.333	4.	3.	0.233	0.483	3.	3.	4.	4.
31678	LOG FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATI	08/10/73-12/01/78	21	0.477	0.519	0.602	0.477	0.004	0.06	0.477	0.477	0.602	0.602
31678	GM FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATIO	GEOMETRIC MEAN =			3.302								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	184	11033.5	6526.473	11521.	1004.	24610947.518	4960.942	1178.5	1330.	11200.	11333.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0301

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	158	7	0.04	37	0	0.00	52	5	0.10	69	2	0.03			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	150	9	0.06	30	0	0.00	51	7	0.14	69	2	0.03			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1973 - Station GATE0301

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	7	5.	6.	12.	3.	8.	2.828	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	7	11.	109.857	460.	4.	31128.476	176.433	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	7	1.041	1.395	2.663	0.602	0.72	0.848	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			24.848								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	7	1500.	5560.	11145.	1100.	27165291.667	5212.033	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station GATE0301

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	7	6.	6.714	15.	0.	34.238	5.851	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	7	150.	168.429	460.	43.	21328.286	146.042	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	7	2.176	2.09	2.663	1.633	0.143	0.378	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			123.05								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	7	15.	45.286	150.	3.	3162.238	56.234	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	7	1.176	1.284	2.176	0.477	0.437	0.661	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			19.228								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	7	1430.	4220.714	11300.	1200.	23396520.238	4836.995	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GATE0301

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	10	7.5	8.3	20.	0.	34.9	5.908	0.2	4.25	11.25	19.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	10	166.5	168.9	460.	15.	19436.1	139.413	17.8	43.	240.	438.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	10	2.174	2.047	2.663	1.176	0.218	0.467	1.222	1.633	2.38	2.635
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			111.434								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	10	33.	92.5	240.	4.	11005.611	104.908	4.	12.25	240.	240.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	10	1.498	1.585	2.38	0.602	0.472	0.687	0.602	1.033	2.38	2.38
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			38.426								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	10	1400.	5285.	11400.	1145.	26657177.778	5163.059	1150.5	1233.75	11250.	11400.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GATE0301

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	10	26.	24.9	30.	10.	32.1	5.666	11.4	24.	28.25	29.9
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	9	3.	4.111	15.	1.	21.361	4.622	1.	1.	5.5	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	10	12.	285.05	2400.	1.5	558716.692	747.474	1.75	4.	172.5	2184.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	10	1.065	1.341	3.38	0.176	1.012	1.006	0.219	0.602	2.227	3.28
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			21.932								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	10	4.	31.5	240.	1.5	5525.5	74.334	1.5	1.5	17.5	220.3
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	10	0.602	0.783	2.38	0.176	0.541	0.736	0.176	0.176	1.124	2.306
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.068								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	10	11200.	9253.5	11500.	1200.	17961355.833	4238.084	1203.	8655.	11318.75	11483.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GATE0301

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	7	16.	19.	32.	6.	95.667	9.781	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	7	5.	4.143	10.	0.	10.81	3.288	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	7	23.	190.857	1100.	4.	163297.143	404.1	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	7	1.362	1.538	3.041	0.602	0.694	0.833	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			34.537								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	7	9.	25.357	93.	1.5	1106.893	33.27	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	7	0.954	1.043	1.968	0.176	0.409	0.64	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.03								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	7	11130.	6960.	11300.	1215.	27839641.667	5276.328	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station GATE0301

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	9	26.	26.556	36.	15.	45.778	6.766	15.	22.	32.	36.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	9	5.	4.889	10.	2.	6.611	2.571	2.	2.5	6.5	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	9	15.	112.	460.	4.	38972.75	197.415	4.	7.	241.5	460.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	9	1.176	1.386	2.663	0.602	0.586	0.766	0.602	0.845	2.012	2.663
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			24.307								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	9	4.	14.556	75.	1.5	557.715	23.616	1.5	2.75	16.	75.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	9	0.602	0.812	1.875	0.176	0.302	0.549	0.176	0.389	1.158	1.875
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.479								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	9	11130.	6802.222	11400.	1130.	27860694.444	5278.323	1130.	1215.	11300.	11400.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GATE0301

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	6	18.5	17.167	28.	0.	108.967	10.439	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	6	1.5	3.	10.	0.	16.	4.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	6	26.	376.583	1100.	1.5	314215.642	560.549	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	6	1.294	1.604	3.041	0.176	1.455	1.206	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			40.19								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	6	5.	57.917	240.	1.5	9237.242	96.111	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	6	0.69	1.064	2.38	0.176	0.796	0.892	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.579								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	6	11230.	7970.	11430.	1130.	26992440.	5195.425	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station GATE0301

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	11	15.	16.364	30.	6.	70.255	8.382	6.2	9.	23.	29.8
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	11	3.	3.636	10.	0.	10.055	3.171	0.	1.	7.	9.4
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	11	4.	45.455	240.	1.5	5210.973	72.187	1.5	1.5	72.	210.6
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	11	0.602	1.019	2.38	0.176	0.747	0.864	0.176	0.176	1.857	2.298
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			10.458								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	11	## 1.5	31.	240.	1.5	5003.25	70.734	1.5	1.5	30.	200.6
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	11	## 0.176	0.757	2.38	0.176	0.615	0.784	0.176	0.176	1.477	2.231
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.713								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station GATE0301

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	11	1330.	3976.909	11200.	1116.	21391449.291	4625.089	1118.8	1221.	11130.	11200.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station GATE0301

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	10	17.	17.7	35.	9.	59.344	7.704	9.2	11.75	20.5	34.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	10	5.	4.9	8.	1.	4.989	2.234	1.2	3.	6.5	8.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	8 ##	15.	26.813	93.	1.5	835.996	28.914	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	8 ##	1.176	1.208	1.968	0.176	0.272	0.522	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			16.127								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	7 ##	15.	22.286	93.	1.5	1012.821	31.825	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	7 ##	1.176	1.004	1.968	0.176	0.403	0.635	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.083								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	10	6283.5	6255.5	11352.	1206.	27415230.944	5235.956	1208.5	1245.25	11221.25	11339.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station GATE0301

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	11	16.	17.727	29.	7.	47.018	6.857	7.8	12.	23.	28.4
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	11	5.	5.273	10.	1.	11.018	3.319	1.2	2.	8.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	11	15.	439.182	4600.	1.5	1905032.514	1380.229	1.5	9.	43.	3698.6
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	11	1.176	1.331	3.663	0.176	0.884	0.94	0.176	0.954	1.633	3.324
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			21.412								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	11	9.	16.364	91.	1.5	643.405	25.365	1.5	4.	15.	75.8
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	11	0.954	0.921	1.959	0.176	0.265	0.515	0.176	0.602	1.176	1.802
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.332								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	11	1442.	5799.455	11439.	1129.	27245481.273	5219.72	1133.	1149.	11306.	11418.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GATE0301

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	15	17.	16.933	30.	4.	69.924	8.362	5.2	8.	23.	29.4
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	15	5.	5.867	12.	1.	13.695	3.701	1.6	3.	10.	11.4
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	15	21.	123.367	930.	1.5	56084.088	236.821	3.	9.	150.	510.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	15	1.322	1.51	2.968	0.176	0.599	0.774	0.432	0.954	2.176	2.604
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			32.333								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	15	9.	73.3	930.	1.5	56267.493	237.208	3.	7.	15.	397.8
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	15	0.954	1.099	2.968	0.176	0.374	0.612	0.432	0.845	1.176	2.167
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.565								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	15	11027.	7230.067	11258.	1205.	24419328.495	4941.592	1232.6	1452.	11138.	11244.2

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Annual Analysis for 1985 - Station GATE0301

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	10	18.5	19.6	31.	9.	59.378	7.706	9.1	13.	26.5	30.7
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	10	4.5	4.6	9.	1.	8.489	2.914	1.1	2.	8.	8.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	10	9.	489.2	4600.	1.5	2088719.011	1445.24	1.5	3.375	107.25	4155.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	10	0.954	1.28	3.663	0.176	1.131	1.064	0.176	0.496	2.02	3.514
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			19.056								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	10	6.5	36.5	230.	1.5	5401.056	73.492	1.5	1.5	33.75	216.3
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	10	0.778	0.869	2.362	0.176	0.613	0.783	0.176	0.176	1.352	2.322
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.398								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	10	11049.	7174.9	11235.	1053.	26160168.1	5114.701	1069.2	1284.	11173.	11233.3

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Annual Analysis for 1986 - Station GATE0301

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	10	13.5	17.3	32.	4.	121.122	11.006	4.2	7.5	29.	31.7
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	10	3.	4.8	12.	1.	19.067	4.367	1.	1.75	10.25	11.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	8	23.	372.938	2400.	1.5	691721.031	831.698	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	8	1.362	1.555	3.38	0.176	1.13	1.063	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			35.872								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	8	6.5	64.313	460.	1.5	25639.996	160.125	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	8	0.778	0.894	2.663	0.176	0.725	0.851	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.827								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	10	6158.5	6169.4	11514.	1041.	28277306.933	5317.641	1047.1	1126.75	11141.25	11484.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GATE0301

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	7	15.	17.286	33.	9.	69.571	8.341	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	10	2.	3.6	9.	1.	10.933	3.307	1.	1.	8.	8.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	8	59.	108.	240.	1.5	11345.071	106.513	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	8	1.754	1.575	2.38	0.176	0.842	0.918	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			37.56								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	8	26.	39.688	93.	1.5	1751.281	41.848	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	8	1.294	1.116	1.968	0.176	0.711	0.843	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			13.062								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	10	11079.5	8221.	11338.	1212.	22207653.333	4712.5	1236.5	1499.	11159.75	11328.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GATE0301

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	8	21.	19.	31.	2.	114.857	10.717	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	8	4.	4.75	12.	1.	11.357	3.37	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	8	12.5	14.688	43.	1.5	150.638	12.273	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	8	1.094	1.032	1.633	0.176	0.166	0.407	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			10.77								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	8	5.5	5.813	15.	1.5	22.353	4.728	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	8	0.724	0.619	1.176	0.176	0.159	0.399	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.158								

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Annual Analysis for 1988 - Station GATE0301

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	8	1481.5	5079.375	11356.	1240.	26055837.125	5104.492	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0301

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	7	18.	17.571	29.	1.	97.952	9.897	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	7	2.	3.143	8.	1.	7.143	2.673	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	7	15.	43.286	150.	4.	2871.571	53.587	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	7	1.176	1.323	2.176	0.602	0.339	0.582	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			21.045								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	7	4.	25.643	150.	1.5	3012.893	54.89	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	7	0.602	0.851	2.176	0.176	0.401	0.634	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.097								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	7	1419.	5590.143	11320.	1246.	27985259.143	5290.11	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0301

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	8	19.5	20.5	31.	10.	70.857	8.418	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	8	3.5	3.625	8.	1.	5.696	2.387	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	2	15.	15.	23.	7.	128.	11.314	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	2	1.103	1.103	1.362	0.845	0.133	0.365	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			12.689								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	2	6.5	6.5	9.	4.	12.5	3.536	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	2	0.778	0.778	0.954	0.602	0.062	0.249	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	8	6187.	6183.375	11306.	1157.	27961577.411	5287.871	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0301

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	8	17.5	18.625	30.	11.	50.268	7.09	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	8	6.5	6.125	12.	1.	17.839	4.224	**	**	**	**
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	8	11086.5	7510.75	11425.	1152.	26158173.643	5114.506	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0301

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	7	22.	19.	28.	7.	77.333	8.794	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	7	4.	4.429	12.	1.	13.619	3.69	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	3	7.	52.833	150.	1.5	7088.583	84.194	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	3	0.845	1.066	2.176	0.176	1.037	1.018	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			11.635								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0301

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	3	3.	3.833	7.	1.5	8.083	2.843	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	3	0.477	0.499	0.845	0.176	0.112	0.335	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.158								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	7	11003.	6860.571	11233.	1004.	27852858.619	5277.581	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station GATE0301

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	5	25.	25.4	27.	24.	1.3	1.14	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	5	4.	3.6	5.	1.	2.3	1.517	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	5	4.	4.5	9.	1.5	7.5	2.739	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	5	0.602	0.587	0.954	0.176	0.076	0.276	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			3.866								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	5 ##	1.5	3.5	9.	1.5	10.625	3.26	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	5 ##	0.176	0.417	0.954	0.176	0.124	0.352	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.612								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	5	11253.	9413.6	11521.	1542.	19380352.3	4402.312	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station GATE0301

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	6	18.5	18.5	24.	13.	19.5	4.416	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	6	1.	1.5	4.	0.	1.9	1.378	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	5	4.	9.3	29.	1.5	129.2	11.367	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	5	0.602	0.734	1.462	0.176	0.243	0.493	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			5.425								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	5 ##	1.5	2.	4.	1.5	1.25	1.118	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	5 ##	0.176	0.261	0.602	0.176	0.036	0.19	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.825								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	6	6316.	6370.333	11441.	1415.	29075543.467	5392.174	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station GATE0301

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	2	20.25	20.25	26.5	14.	78.125	8.839	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	2	4.5	4.5	8.	1.	24.5	4.95	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	1 ##	0.176	0.176	0.176	0.176	0.	0.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1.5								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	1 ##	0.176	0.176	0.176	0.176	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.5								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	2	6214.5	6214.5	11111.	1318.	47951424.5	6924.697	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0301

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	13	23.3	22.585	25.	16.	5.721	2.392	17.6	21.85	23.95	25.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	36	23.	22.194	36.	7.	44.447	6.667	13.1	17.25	26.75	30.3
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	45	4.	4.822	12.	0.	9.559	3.092	1.	2.5	6.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	37	11.	49.824	460.	1.5	8556.628	92.502	3.5	5.5	43.	166.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	37	1.041	1.194	2.663	0.176	0.415	0.645	0.517	0.724	1.633	2.213
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			15.628								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	30	8.	20.	150.	1.5	1311.259	36.211	1.5	4.	10.5	93.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	30	0.9	0.882	2.176	0.176	0.31	0.557	0.176	0.602	1.01	1.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.614								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	45	1555.	6146.244	11352.	1100.	24657439.053	4965.626	1149.	1404.	11138.5	11274.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0301

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	20	5.	4.13	10.	-0.6	9.83	3.135	0.65	1.25	7.75	0.26
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	47	10.	10.085	17.	0.	17.384	4.169	4.	8.	13.	16.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	59	4.	5.	20.	0.	20.31	4.507	0.	1.	8.	11.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	52	43.	294.913	4600.	1.5	613964.233	783.559	1.95	15.	150.	908.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	52	1.633	1.666	3.663	0.176	0.736	0.858	0.266	1.176	2.176	2.928
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			46.35								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	51	14.	56.157	460.	1.5	9237.685	96.113	1.5	4.	75.	240.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	51	1.146	1.149	2.663	0.176	0.569	0.754	0.176	0.602	1.875	2.38
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			14.109								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	59	1452.	5690.475	11500.	1004.	24761799.564	4976.123	1200.	1323.	11200.	11356.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0301

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	30	20.	18.403	23.	10.	14.197	3.768	12.	16.	21.025	22.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	74	26.	23.601	35.	10.	37.185	6.098	14.5	18.75	28.	30.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	79	4.	4.532	15.	0.	11.38	3.373	1.	2.	7.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	69	9.	155.464	4600.	1.5	334211.061	578.11	1.5	4.	43.	430.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	69	0.954	1.247	3.663	0.176	0.729	0.854	0.176	0.602	1.633	2.633
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			17.656								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	69	4.	29.014	930.	1.5	13253.184	115.122	1.5	1.5	15.	43.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	69	0.602	0.766	2.968	0.176	0.406	0.637	0.176	0.176	1.176	1.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.832								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	80	11105.	7356.9	11521.	1041.	23794714.623	4877.983	1200.	1315.75	11218.75	11393.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0302

NPS Station ID: GATE0302
LAT/LON: 40.459726/ -74.020559
Agency: 21NJDEP1
Date Created: 04/04/81
Location: SANDY HOOK BAY
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): L7001537128 /914D /SF02013 /C6
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST MAJOR BASIN
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA
ECO Region:
RF1 Index: 02030104013
RF1 Mile Point: 5.970
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J.
TIDE CORRECTION (H/L): (-0:01/ 0:00)
ASSOCIATED NOAA WEATHER STATION: 7865

Parameter Inventory for Station: GATE0302

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GATE0303

NPS Station ID: GATE0303
LAT/LON: 40.447504/ -74.020559
Agency: 21NJDEP1
Date Created: 04/04/81
Location: SANDY HOOK BAY
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): L6999337054 /912B /SF02018 /C13
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST MAJOR BASIN
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA
ECO Region:
RF1 Index: 02030104006
RF1 Mile Point: 6.300
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J.
TIDE CORRECTION (H/L): (-0:01/ 0:00)
ASSOCIATED NOAA WEATHER STATION: 7865

Parameter Inventory for Station: GATE0303

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GATE0304

NPS Station ID: GATE0304 LAT/LON: 40.419448/ -74.020838 Agency: 21NJDEP1 Date Created: 04/04/81
Location: SANDY HOOK BAY FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): L6994636884 /908 /SF02023
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02030104 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST MAJOR BASIN Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA ECO Region:
RF1 Index: 02030104006 RF1 Mile Point: 6.400 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J. TIDE CORRECTION (H/L): (-0:01/ 0:00)
ASSOCIATED NOAA WEATHER STATION: 7865

Parameter Inventory for Station: GATE0304

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	173	17.	15.645	27.	0.	51.391	7.169	5.	9.25	22.	24.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	157	19.	19.232	36.	0.	68.787	8.294	8.	12.	26.	29.2
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	176	4.	4.676	20.	0.	12.917	3.594	1.	2.	7.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	151	20.	201.45	11000.	1.5	916085.433	957.124	1.5	4.	93.	430.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	151	1.301	1.359	4.041	0.176	0.68	0.825	0.176	0.602	1.968	2.633
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			22.87								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	143	9.	36.182	1500.	1.5	18837.4	137.249	1.5	3.	23.	75.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	143	0.954	0.933	3.176	0.176	0.406	0.638	0.176	0.477	1.362	1.875
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.565								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/15/90-05/18/92	18	9.1	20.2	93.	1.5	804.006	28.355	1.5	3.6	23.	93.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	05/15/90-05/18/92	18	0.959	0.985	1.968	0.176	0.296	0.544	0.176	0.556	1.362	1.968
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			9.659								
31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	08/10/73-12/01/78	14	3.5	3.5	4.	3.	0.269	0.519	3.	3.	4.	4.
31678	LOG FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATI	08/10/73-12/01/78	14	0.54	0.54	0.602	0.477	0.004	0.065	0.477	0.477	0.602	0.602
31678	GM FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATIO	GEOMETRIC MEAN =			3.464								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	177	11030.	6557.627	11519.	1002.	24627355.587	4962.596	1149.4	1318.	11200.	11335.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0304

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	151	6	0.04	37	0	0.00	45	5	0.11	69	1	0.01			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	143	4	0.03	30	0	0.00	44	4	0.09	69	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1973 - Station GATE0304

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	7	23.3	23.086	23.9	21.7	0.475	0.689	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	7	5.	6.	12.	3.	8.	2.828	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	7	15.	148.071	460.	1.5	46437.536	215.494	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	7	1.176	1.389	2.663	0.176	1.091	1.045	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			24.51								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	7	1430.	5523.571	11115.	1145.	27089880.952	5204.794	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GATE0304

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	10	11.7	10.95	21.1	0.6	78.612	8.866	0.71	2.075	18.875	21.05
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	10	7.5	8.3	20.	0.	34.9	5.908	0.2	4.25	11.25	19.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	10	157.5	207.9	460.	15.	36574.767	191.245	17.8	43.	460.	460.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	10	2.128	2.07	2.663	1.176	0.295	0.543	1.222	1.633	2.663	2.663
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			117.497								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	10	43.	39.85	93.	1.5	1038.558	32.227	2.25	13.5	55.5	93.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	10	1.633	1.395	1.968	0.176	0.296	0.544	0.254	1.121	1.717	1.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			24.851								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	10	1400.	5285.	11400.	1145.	26657177.778	5163.059	1150.5	1233.75	11250.	11400.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GATE0304

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	10	19.	17.2	23.	8.	25.289	5.029	8.4	12.	21.25	22.9
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	10	26.	24.9	30.	10.	32.1	5.666	11.4	24.	28.25	29.9
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	9	3.	4.111	15.	1.	21.361	4.622	1.	1.	5.5	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	10	22.	260.6	2400.	4.	565457.378	751.969	4.3	8.5	36.	2167.5
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	10	1.342	1.439	3.38	0.602	0.588	0.767	0.626	0.927	1.49	3.23
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			27.456								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	10	19.	17.2	43.	3.	154.844	12.444	3.1	4.	23.	41.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	10	1.269	1.098	1.633	0.477	0.161	0.402	0.49	0.602	1.362	1.606
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.529								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	10	11200.	9253.5	11500.	1200.	17961355.833	4238.084	1203.	8655.	11318.75	11483.

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Annual Analysis for 1978 - Station GATE0304

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	7	10.	12.714	24.	0.	76.238	8.731	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	7	16.	19.	32.	6.	95.667	9.781	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	7	5.	4.143	10.	0.	10.81	3.288	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	7	23.	244.571	1100.	4.	168782.952	410.832	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	7	1.362	1.707	3.041	0.602	0.798	0.893	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			50.99								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	7	9.	39.786	240.	1.5	7806.155	88.352	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	7	0.954	0.959	2.38	0.176	0.482	0.695	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.091								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	7	11130.	6960.	11300.	1215.	27839641.667	5276.328	**	**	**	**

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Annual Analysis for 1979 - Station GATE0304

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	9	21.	19.778	25.	12.	18.944	4.353	12.	16.	23.5	25.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	9	26.	26.556	36.	15.	45.778	6.766	15.	22.	32.	36.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	9	5.	4.889	10.	2.	6.611	2.571	2.	2.5	6.5	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	9	20.	81.	460.	7.	21401.75	146.293	7.	9.	93.	460.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	9	1.301	1.466	2.663	0.845	0.371	0.609	0.845	0.954	1.968	2.663
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			29.228								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	9	9.	27.389	93.	1.5	1105.236	33.245	1.5	6.5	49.	93.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	9	0.954	1.134	1.968	0.176	0.331	0.575	0.176	0.778	1.618	1.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			13.621								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	9	11130.	6802.222	11400.	1130.	27860694.444	5278.323	1130.	1215.	11300.	11400.

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Annual Analysis for 1980 - Station GATE0304

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	6	14.	14.333	22.	6.	51.867	7.202	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	6	18.5	17.167	28.	0.	108.967	10.439	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	6	1.5	3.	10.	0.	16.	4.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	6	15.	805.5	2400.	1.5	1525494.6	1235.109	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	6	1.176	1.577	3.38	0.176	2.15	1.466	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			37.798								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	6	12.	45.	150.	1.5	3861.9	62.144	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	6	1.065	1.105	2.176	0.176	0.729	0.854	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.721								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	6	6365.	6303.333	11430.	1130.	31019106.667	5569.48	**	**	**	**

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Annual Analysis for 1981 - Station GATE0304

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	11	12.	13.909	23.	5.	40.691	6.379	5.	10.	21.	22.8
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	11	15.	16.364	30.	6.	70.255	8.382	6.2	9.	23.	29.8
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	11	3.	3.636	10.	0.	10.055	3.171	0.	1.	7.	9.4
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	11	43.	55.818	150.	1.5	3552.464	59.603	1.5	1.5	93.	150.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	11	1.633	1.191	2.176	0.176	0.828	0.91	0.176	0.176	1.968	2.176
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			15.534								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	11	9.	19.273	93.	1.5	820.118	28.638	1.5	1.5	39.	83.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	11	0.954	0.851	1.968	0.176	0.432	0.658	0.176	0.176	1.591	1.901
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.098								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	11	1330.	3976.364	11200.	1114.	21394750.055	4625.446	1117.2	1219.	11130.	11200.

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Annual Analysis for 1982 - Station GATE0304

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	10	12.5	14.4	25.	7.	40.933	6.398	7.2	9.	19.5	24.9
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	10	17.	17.7	35.	9.	59.344	7.704	9.2	11.75	20.5	34.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	10	5.	4.9	8.	1.	4.989	2.234	1.2	3.	6.5	8.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	8	36.	48.75	150.	4.	2382.214	48.808	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	8	1.556	1.479	2.176	0.602	0.244	0.493	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station GATE0304

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			30.16								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	7	15.	34.571	150.	4.	2694.952	51.913	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	7	1.176	1.244	2.176	0.602	0.259	0.508	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			17.538								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	10	6281.5	6253.5	11350.	1204.	27415230.944	5235.956	1206.5	1243.25	11219.25	11337.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station GATE0304

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	11	16.	15.364	24.	3.	43.255	6.577	4.2	11.	20.	24.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	11	16.	17.727	29.	7.	47.018	6.857	7.8	12.	23.	28.4
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	11	5.	5.273	10.	1.	11.018	3.319	1.2	2.	8.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	11	15.	44.5	230.	1.5	4730.15	68.776	2.	4.	75.	202.6
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	11	1.176	1.208	2.362	0.176	0.447	0.669	0.261	0.602	1.875	2.283
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			16.162								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	11	15.	16.5	75.	1.5	413.55	20.336	2.	4.	15.	64.2
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	11	1.176	1.007	1.875	0.176	0.201	0.449	0.261	0.602	1.176	1.764
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.171								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	11	1440.	5797.455	11437.	1127.	27245481.273	5219.72	1131.	1147.	11304.	11416.6

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Annual Analysis for 1984 - Station GATE0304

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	15	15.	13.733	24.	3.	56.21	7.497	3.6	6.	22.	24.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	15	17.	16.933	30.	4.	69.924	8.362	5.2	8.	23.	29.4
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	15	5.	5.867	12.	1.	13.695	3.701	1.6	3.	10.	11.4
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	15	9.	59.367	430.	1.5	13934.231	118.043	3.	4.	43.	310.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	15	0.954	1.163	2.633	0.176	0.523	0.723	0.432	0.602	1.633	2.47
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			14.541								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	15	4.	12.6	93.	1.5	608.293	24.664	1.5	1.5	9.	63.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	15	0.602	0.653	1.968	0.176	0.317	0.563	0.176	0.176	0.954	1.767
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.501								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	15	11025.	7228.067	11256.	1203.	24419328.495	4941.592	1230.6	1450.	11136.	11242.2

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Annual Analysis for 1985 - Station GATE0304

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	10	16.5	16.4	25.	7.	50.711	7.121	7.	10.	24.25	25.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	10	18.5	19.6	31.	9.	59.378	7.706	9.1	13.	26.5	30.7
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	10	4.5	4.6	9.	1.	8.489	2.914	1.1	2.	8.	8.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	10	33.	1177.75	11000.	1.5	11930122.125	3454.001	1.5	1.5	280.	9943.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	10	1.498	1.48	4.041	0.176	1.622	1.274	0.176	0.176	2.43	3.901
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			30.169								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	10	8.	200.65	1500.	1.5	226042.058	475.439	1.5	1.5	139.75	1393.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	10	0.9	1.133	3.176	0.176	1.095	1.046	0.176	0.176	1.883	3.122
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			13.574								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	10	11047.	7172.9	11233.	1051.	26160168.1	5114.701	1067.2	1282.	11171.	11231.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GATE0304

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	9	20.	15.556	23.	2.	64.278	8.017	2.	7.5	21.	23.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	10	13.5	17.3	32.	4.	121.122	11.006	4.2	7.5	29.	31.7
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	10	3.	4.8	12.	1.	19.067	4.367	1.	1.75	10.25	11.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	8	22.	229.	1100.	4.	147096.286	383.531	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	8	1.342	1.653	3.041	0.602	0.845	0.919	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			45.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	8	7.5	65.313	460.	1.5	25485.638	159.642	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	8	0.822	1.028	2.663	0.176	0.582	0.763	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.667								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	10	6157.5	6167.6	11512.	1039.	28275102.711	5317.434	1045.1	1124.75	11139.25	11482.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GATE0304

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	7	9.5	13.071	25.	6.	51.369	7.167	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	7	15.	17.286	33.	9.	69.571	8.341	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	10	2.	3.6	9.	1.	10.933	3.307	1.	1.	8.	8.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	8	16.	42.5	150.	4.	2762.286	52.557	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	8	1.158	1.326	2.176	0.602	0.31	0.557	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			21.163								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	8	9.	27.938	93.	1.5	1260.031	35.497	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	8	0.954	1.106	1.968	0.176	0.37	0.608	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.758								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	10	11077.5	8219.	11336.	1210.	22207653.333	4712.5	1234.5	1497.	11157.75	11326.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GATE0304

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	8	21.	17.125	27.	5.	70.982	8.425	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	8	21.	19.	31.	2.	114.857	10.717	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	8	4.	4.75	12.	1.	11.357	3.37	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	8	12.	28.375	93.	1.5	1250.482	35.362	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	8	1.065	1.08	1.968	0.176	0.454	0.674	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			12.03								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	8	4.	13.375	75.	1.5	628.768	25.075	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	8	0.602	0.727	1.875	0.176	0.303	0.551	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.335								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	8	1479.5	5072.375	11354.	1238.	26099218.554	5108.739	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0304

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	7	15.	15.143	23.	1.	61.81	7.862	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	7	18.	17.571	29.	1.	97.952	9.897	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	7	2.	3.143	8.	1.	7.143	2.673	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	7	23.	33.571	93.	7.	896.952	29.949	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	7	1.362	1.38	1.968	0.845	0.153	0.391	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0304

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			23.986								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	7	4.	10.643	43.	1.5	211.393	14.539	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	7	0.602	0.789	1.633	0.176	0.208	0.456	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.154								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	7	1417.	5576.714	11318.	1244.	27968030.571	5288.481	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0304

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	8	19.	17.875	27.	5.	56.411	7.511	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	8	19.5	20.5	31.	10.	70.857	8.418	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	8	3.5	3.625	8.	1.	5.696	2.387	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	2	6.5	6.5	9.	4.	12.5	3.536	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	2	0.778	0.778	0.954	0.602	0.062	0.249	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			6.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	2 ##	0.176	0.176	0.176	0.176	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.5								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	8	6185.	6181.375	11304.	1155.	27961577.411	5287.871	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0304

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	8	17.	17.	27.	5.	76.857	8.767	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	8	17.5	18.625	30.	11.	50.268	7.09	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	8	6.5	6.125	12.	1.	17.839	4.224	**	**	**	**
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	8	11084.5	7508.75	11423.	1150.	26158173.643	5114.506	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0304

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	7	16.	14.857	25.	5.	69.143	8.315	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	7	22.	19.	28.	7.	77.333	8.794	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	7	4.	4.429	12.	1.	13.619	3.69	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	3	9.	35.333	93.	4.	2500.333	50.003	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	3	0.954	1.175	1.968	0.602	0.503	0.709	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			14.96								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	3	4.	5.	7.	4.	3.	1.732	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	3	0.602	0.683	0.845	0.602	0.02	0.14	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.82								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	7	11001.	6858.143	11230.	1002.	27851892.476	5277.489	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station GATE0304

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	5	21.	20.4	24.	16.	11.3	3.362	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	5	25.	25.4	27.	24.	1.3	1.14	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	5	4.	3.6	5.	1.	2.3	1.517	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	5 ##	1.5	3.5	9.	1.5	10.625	3.26	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	5 ##	0.176	0.417	0.954	0.176	0.124	0.352	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			2.612								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	5 ##	1.5	3.5	9.	1.5	10.625	3.26	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	5 ##	0.176	0.417	0.954	0.176	0.124	0.352	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.612								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	5	11250.	9411.2	11519.	1540.	19378387.7	4402.089	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station GATE0304

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	6	13.5	14.5	23.	6.	54.7	7.396	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	6	18.5	18.5	24.	13.	19.5	4.416	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	6	1.	1.5	4.	0.	1.9	1.378	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	5	7.	98.	460.	4.	40971.5	202.414	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	5	0.845	1.178	2.663	0.602	0.745	0.863	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			15.053								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	5 ##	1.5	2.6	7.	1.5	6.05	2.46	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	5 ##	0.176	0.31	0.845	0.176	0.09	0.299	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.041								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	6	6313.	6367.333	11438.	1412.	29075543.467	5392.174	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station GATE0304

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	2	14.	14.	16.	12.	8.	2.828	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	2	20.25	20.25	26.5	14.	78.125	8.839	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	2	4.5	4.5	8.	1.	24.5	4.95	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	1 ##	0.176	0.176	0.176	0.176	0.	0.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1.5								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	1 ##	0.176	0.176	0.176	0.176	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.5								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	2	6211.5	6211.5	11108.	1315.	47951424.5	6924.697	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0304

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	43	22.	21.13	27.	11.	15.656	3.957	15.	19.	24.	25.6
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	36	23.	22.194	36.	7.	44.447	6.667	13.1	17.25	26.75	30.3
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	45	4.	4.822	12.	0.	9.559	3.092	1.	2.5	6.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	37	20.	63.378	460.	1.5	11955.283	109.34	3.8	4.	93.	166.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	37	1.301	1.303	2.663	0.176	0.472	0.687	0.577	0.602	1.968	2.213
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			20.11								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	30	9.	19.667	150.	1.5	1071.299	32.731	1.5	4.	17.	71.8
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	30	0.954	0.933	2.176	0.176	0.283	0.532	0.176	0.602	1.223	1.851
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.573								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	45	1553.	6139.089	11350.	1114.	24653989.765	4965.278	1147.	1400.	11124.5	11272.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0304

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	51	7.	6.753	13.	0.	10.713	3.273	2.04	5.	9.	11.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	47	10.	10.085	17.	0.	17.384	4.169	4.	8.	13.	16.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	52	4.	4.769	20.	0.	18.612	4.314	1.	1.	8.	10.7
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	45	23.	478.3	11000.	1.5	2858907.891	1690.831	1.5	4.	195.	1100.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	45	1.362	1.568	4.041	0.176	0.976	0.988	0.176	0.602	2.278	3.041
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			37.008								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	44	9.	77.25	1500.	1.5	57843.413	240.507	1.5	1.5	43.	166.5
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	44	0.954	1.02	3.176	0.176	0.659	0.812	0.176	0.176	1.633	2.174
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.464								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	52	1453.	5886.096	11500.	1002.	25062645.5	5006.261	1166.2	1266.25	11189.25	11386.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0304

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	79	20.	18.4	27.	7.	22.054	4.696	12.	15.	22.	24.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	74	26.	23.601	35.	10.	37.185	6.098	14.5	18.75	28.	30.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	79	4.	4.532	15.	0.	11.38	3.373	1.	2.	7.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	69	15.	94.935	2400.	1.5	91959.007	303.247	1.5	5.5	59.	230.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	69	1.176	1.253	3.38	0.176	0.576	0.759	0.176	0.724	1.754	2.362
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			17.902								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	69	7.	17.174	150.	1.5	724.322	26.913	1.5	3.5	18.	43.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	69	0.845	0.877	2.176	0.176	0.303	0.551	0.176	0.54	1.249	1.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.535								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	80	11100.5	7229.55	11519.	1039.	24101180.301	4909.295	1139.7	1303.75	11216.75	11393.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0305

NPS Station ID: GATE0305
LAT/LON: 40.471670/ -74.020838
Agency: 21NJDEP1
Date Created: 04/04/81
Location: SANDY HOOK BAY
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): L7003737200 /918C /SF02037
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST MAJOR BASIN
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA
ECO Region:
RF1 Index: 02030104013
RF1 Mile Point: 6.460
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J.
TIDE CORRECTION (H/L): (-0:01/ 0:00)
ASSOCIATED NOAA WEATHER STATION: 7865

Parameter Inventory for Station: GATE0305

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	57	18.3	16.072	25.	0.	54.027	7.35	4.66	10.	22.	23.3
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	157	19.	19.232	36.	0.	68.787	8.294	8.	12.	26.	29.2
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	176	4.	4.676	20.	0.	12.917	3.594	1.	2.	7.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	156	23.	201.987	2400.	1.5	253211.819	503.202	1.5	4.	93.	460.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	156	1.362	1.381	3.38	0.176	0.867	0.931	0.176	0.602	1.968	2.663
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			24.059								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	148	4.	40.973	2400.	1.5	41242.799	203.083	1.5	1.5	22.5	93.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	148	0.602	0.838	3.38	0.176	0.463	0.681	0.176	0.176	1.352	1.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.892								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/15/90-05/18/92	18 ##	1.5	6.061	23.	1.5	65.441	8.09	1.5	1.5	7.75	23.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	05/15/90-05/18/92	18 ##	0.176	0.498	1.362	0.176	0.219	0.468	0.176	0.176	0.887	1.362
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			3.145								
31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	08/10/73-12/01/78	14	3.5	3.5	4.	3.	0.269	0.519	3.	3.	4.	4.
31678	LOG FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATI	08/10/73-12/01/78	14	0.54	0.54	0.602	0.477	0.004	0.065	0.477	0.477	0.602	0.602
31678	GM FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATIO	GEOMETRIC MEAN =			3.464								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	177	11108.	6775.266	11621.	1013.	24510962.707	4950.855	1225.4	1352.	11234.5	11414.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0305

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	156	11	0.07	38	1	0.03	45	6	0.13	73	4	0.05			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	148	7	0.05	31	0	0.00	44	3	0.07	73	4	0.05			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1973 - Station GATE0305

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	7	5.	6.	12.	3.	8.	2.828	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	7	43.	118.857	460.	1.5	29310.393	171.203	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	7	1.633	1.471	2.663	0.176	0.947	0.973	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			29.566								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	7	1530.	5590.714	11215.	1045.	27380203.571	5232.61	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GATE0305

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	10	7.5	8.3	20.	0.	34.9	5.908	0.2	4.25	11.25	19.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	10	166.5	414.5	2400.	23.	512069.167	715.59	25.	80.5	460.	2206.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	10	2.174	2.237	3.38	1.362	0.34	0.583	1.389	1.885	2.663	3.308
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			172.456								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	10	23.	70.45	240.	1.5	8646.358	92.986	2.25	9.	129.75	240.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	10	1.362	1.453	2.38	0.176	0.463	0.681	0.254	0.954	2.071	2.38
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			28.393								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	10	1387.5	5256.5	11430.	1100.	26317472.5	5130.056	1111.5	1278.75	11150.	11417.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GATE0305

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	10	26.	24.9	30.	10.	32.1	5.666	11.4	24.	28.25	29.9
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	9	3.	4.111	15.	1.	21.361	4.622	1.	1.	5.5	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	10	12.	146.3	1100.	1.5	117514.4	342.804	1.5	2.625	92.25	1014.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	10	1.065	1.249	3.041	0.176	0.882	0.939	0.176	0.402	1.82	2.975
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			17.755								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	10	5.	17.15	93.	1.5	865.836	29.425	1.5	1.5	17.5	88.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	10	0.661	0.784	1.968	0.176	0.387	0.622	0.176	0.176	1.124	1.935
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.079								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	10	11230.	9299.5	11530.	1230.	17942280.278	4235.833	1237.	8725.	11358.75	11517.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GATE0305

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	7	16.	19.	32.	6.	95.667	9.781	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	7	5.	4.143	10.	0.	10.81	3.288	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	7	43.	709.143	2400.	9.	1334705.81	1155.295	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	7	1.633	1.946	3.38	0.954	1.072	1.035	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			88.383								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	7	9.	52.857	240.	4.	7834.476	88.513	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	7	0.954	1.215	2.38	0.602	0.474	0.688	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			16.393								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	7	11200.	7007.143	11330.	1245.	27876432.143	5279.814	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station GATE0305

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	9	26.	26.556	36.	15.	45.778	6.766	15.	22.	32.	36.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	9	5.	4.889	10.	2.	6.611	2.571	2.	2.5	6.5	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	9	21.	160.556	1100.	4.	126489.778	355.654	4.	9.5	121.5	1100.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	9	1.322	1.522	3.041	0.602	0.615	0.784	0.602	0.889	2.072	3.041
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			33.266								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	9	7.	18.722	93.	1.5	841.569	29.01	1.5	4.	23.	93.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	9	0.845	0.942	1.968	0.176	0.294	0.542	0.176	0.602	1.362	1.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.74								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	9	11200.	6858.333	11445.	1215.	27841850.	5276.538	1215.	1272.5	11337.5	11445.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GATE0305

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	6	18.5	17.167	28.	0.	108.967	10.439	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	6	1.5	3.	10.	0.	16.	4.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	6 ##	38.25	428.75	2400.	1.5	934264.275	966.573	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	6 ##	1.026	1.292	3.38	0.176	1.779	1.334	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			19.589								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	6 ##	1.5	23.667	93.	1.5	1429.267	37.806	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	6 ##	0.176	0.718	1.968	0.176	0.715	0.846	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.221								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	6	11300.	8029.167	11500.	1215.	27002184.167	5196.363	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station GATE0305

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	11	15.	16.364	30.	6.	70.255	8.382	6.2	9.	23.	29.8
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	11	3.	3.636	10.	0.	10.055	3.171	0.	1.	7.	9.4
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	11	9.	279.136	1100.	1.5	185472.455	430.665	1.5	1.5	460.	1100.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	11	0.954	1.442	3.041	0.176	1.471	1.213	0.176	0.176	2.663	3.041
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			27.678								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	11	4.	19.318	93.	1.5	845.164	29.072	1.5	1.5	43.	83.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	11	0.602	0.85	1.968	0.176	0.412	0.642	0.176	0.176	1.633	1.901
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.085								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	11	1415.	4031.727	11230.	1152.	21324753.018	4617.873	1161.6	1257.	11200.	11230.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station GATE0305

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	10	17.	17.7	35.	9.	59.344	7.704	9.2	11.75	20.5	34.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	10	5.	4.9	8.	1.	4.989	2.234	1.2	3.	6.5	8.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	10	36.	131.25	460.	1.5	32279.958	179.666	1.75	12.25	287.5	457.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	10	1.556	1.579	2.663	0.176	0.696	0.834	0.219	1.033	2.444	2.66
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			37.97								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	9 ##	15.	13.667	36.	1.5	119.188	10.917	1.5	4.25	19.	36.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	9 ##	1.176	0.955	1.556	0.176	0.237	0.487	0.176	0.511	1.269	1.556
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.022								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station GATE0305

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	10	6339.5	6319.5	11428.	1242.	27459404.278	5240.172	1248.5	1321.25	11267.25	11415.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station GATE0305

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	11	16.	17.727	29.	7.	47.018	6.857	7.8	12.	23.	28.4
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	11	5.	5.273	10.	1.	11.018	3.319	1.2	2.	8.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	11	36.	186.818	1500.	4.	194686.164	441.233	5.	9.	150.	1246.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	11	1.556	1.592	3.176	0.602	0.547	0.739	0.672	0.954	2.176	3.013
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			39.054								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	11	15.	38.636	230.	1.5	4689.805	68.482	1.5	4.	23.	202.6
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	11	1.176	1.103	2.362	0.176	0.47	0.686	0.176	0.602	1.362	2.283
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.69								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	11	1520.	5869.455	11517.	1205.	27158617.673	5211.393	1209.4	1227.	11342.	11496.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GATE0305

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	15	17.	16.933	30.	4.	69.924	8.362	5.2	8.	23.	29.4
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	15	5.	5.867	12.	1.	13.695	3.701	1.6	3.	10.	11.4
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	15	43.	191.2	930.	1.5	90762.421	301.268	1.5	4.	430.	822.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	15	1.633	1.55	2.968	0.176	0.909	0.953	0.176	0.602	2.633	2.912
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			35.501								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	15	7.	49.333	390.	1.5	12231.738	110.597	1.5	1.5	21.	294.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	15	0.845	0.949	2.591	0.176	0.58	0.762	0.176	0.176	1.322	2.453
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.898								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	15	11103.	7293.667	11336.	1243.	24416447.81	4941.3	1293.4	1530.	11214.	11321.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GATE0305

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	10	18.5	19.6	31.	9.	59.378	7.706	9.1	13.	26.5	30.7
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	10	4.5	4.6	9.	1.	8.489	2.914	1.1	2.	8.	8.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	10	23.	262.65	2400.	1.5	564529.169	751.352	1.5	1.5	51.	2167.5
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	10	1.362	1.295	3.38	0.176	0.966	0.983	0.176	0.176	1.694	3.23
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			19.724								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	10	4.	249.95	2400.	1.5	571217.969	755.79	1.5	1.5	21.75	2167.5
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	10	0.602	0.879	3.38	0.176	1.013	1.006	0.176	0.176	0.92	3.23
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.575								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	10	11125.	7234.9	11311.	1129.	26194840.1	5118.089	1141.2	1320.	11239.	11305.3

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Annual Analysis for 1986 - Station GATE0305

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	10	13.5	17.3	32.	4.	121.122	11.006	4.2	7.5	29.	31.7
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	10	3.	4.8	12.	1.	19.067	4.367	1.	1.75	10.25	11.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	9	23.	48.5	210.	1.5	4498.375	67.07	1.5	7.	68.	210.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	9	1.362	1.304	2.322	0.176	0.439	0.663	0.176	0.845	1.801	2.322
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			20.157								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	9	4.	22.056	150.	1.5	2348.34	48.46	1.5	1.5	16.	150.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	9	0.602	0.759	2.176	0.176	0.438	0.662	0.176	0.176	1.158	2.176
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.735								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	10	6181.5	6213.8	11550.	1117.	28182573.956	5308.726	1119.1	1191.25	11177.25	11520.3

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Annual Analysis for 1987 - Station GATE0305

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	7	15.	17.286	33.	9.	69.571	8.341	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	10	2.	3.6	9.	1.	10.933	3.307	1.	1.	8.	8.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	8	10.	78.75	430.	1.5	21407.	146.311	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	8	0.998	1.222	2.633	0.176	0.763	0.873	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			16.687								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	8 ##	5.25	15.5	43.	1.5	342.143	18.497	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	8 ##	0.565	0.786	1.633	0.176	0.469	0.685	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.108								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	10	11135.5	8281.	11414.	1248.	22278613.333	4720.023	1276.5	1545.	11235.75	11404.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GATE0305

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	8	21.	19.	31.	2.	114.857	10.717	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	8	4.	4.75	12.	1.	11.357	3.37	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	8	6.5	12.313	43.	1.5	213.424	14.609	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	8	0.778	0.782	1.633	0.176	0.34	0.583	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			6.053								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	8 ##	2.75	5.75	23.	1.5	55.214	7.431	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	8 ##	0.389	0.528	1.362	0.176	0.198	0.445	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.373								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	8	6234.5	6314.625	11432.	1316.	27795129.125	5272.109	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0305

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	7	18.	17.571	29.	1.	97.952	9.897	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	7	2.	3.143	8.	1.	7.143	2.673	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	7	15.	373.	2400.	1.5	800612.25	894.769	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	7	1.176	1.384	3.38	0.176	1.32	1.149	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			24.231								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	7 ##	1.5	13.429	75.	1.5	744.786	27.291	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	7 ##	0.176	0.591	1.875	0.176	0.412	0.642	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.898								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0305

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	7	1455.	5637.571	11356.	1322.	27870929.619	5279.293	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0305

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	8	19.5	20.5	31.	10.	70.857	8.418	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	8	3.5	3.625	8.	1.	5.696	2.387	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	2	21.	21.	39.	3.	648.	25.456	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	2	1.034	1.034	1.591	0.477	0.62	0.788	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			10.817								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	2 ##	2.25	2.25	3.	1.5	1.125	1.061	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	2 ##	0.327	0.327	0.477	0.176	0.045	0.213	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.121								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	8	6243.	6244.375	11342.	1233.	27902795.982	5282.31	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0305

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	8	17.5	18.625	30.	11.	50.268	7.09	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	8	6.5	6.125	12.	1.	17.839	4.224	**	**	**	**
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	8	11142.5	7576.75	11501.	1228.	26187025.071	5117.326	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0305

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	7	22.	19.	28.	7.	77.333	8.794	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	7	4.	4.429	12.	1.	13.619	3.69	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	3 ##	1.5	2.	3.	1.5	0.75	0.866	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	3 ##	0.176	0.276	0.477	0.176	0.03	0.174	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1.89								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	3 ##	1.5	2.	3.	1.5	0.75	0.866	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	3 ##	0.176	0.276	0.477	0.176	0.03	0.174	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.89								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	7	11039.	6948.286	11403.	1040.	27931345.571	5285.011	**	**	**	**

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Annual Analysis for 1993 - Station GATE0305

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	5	25.	25.4	27.	24.	1.3	1.14	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	5	4.	3.6	5.	1.	2.3	1.517	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	5	3.	3.8	9.	1.5	9.575	3.094	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	5	0.477	0.477	0.954	0.176	0.106	0.326	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			3.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station GATE0305

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	5 ##	1.5	3.5	9.	1.5	10.625	3.26	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	5 ##	0.176	0.417	0.954	0.176	0.124	0.352	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.612								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	5	11348.	9289.	11621.	1013.	21447459.5	4631.14	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station GATE0305

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	6	18.5	18.5	24.	13.	19.5	4.416	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	6	1.	1.5	4.	0.	1.9	1.378	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	6	22.	51.667	240.	1.5	8617.367	92.83	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	6	1.342	1.13	2.38	0.176	0.705	0.84	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			13.48								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	6 ##	1.5	2.333	4.	1.5	1.667	1.291	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	6 ##	0.176	0.318	0.602	0.176	0.048	0.22	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.08								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	6	11148.	8074.333	11611.	1545.	25611005.867	5060.732	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station GATE0305

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	2	20.25	20.25	26.5	14.	78.125	8.839	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	2	4.5	4.5	8.	1.	24.5	4.95	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	2 ##	0.176	0.176	0.176	0.176	0.	0.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1.5								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	2 ##	0.176	0.176	0.176	0.176	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.5								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	2	6344.5	6344.5	11241.	1448.	47951424.5	6924.697	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0305

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	13	23.3	22.585	25.	16.	5.721	2.392	17.6	21.85	23.95	25.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	36	23.	22.194	36.	7.	44.447	6.667	13.1	17.25	26.75	30.3
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	45	4.	4.822	12.	0.	9.559	3.092	1.	2.5	6.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	38	15.	106.579	2400.	1.5	153881.764	392.278	1.5	3.75	43.	231.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	38	1.176	1.157	3.38	0.176	0.621	0.788	0.176	0.571	1.633	2.364
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			14.363								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	31	4.	9.565	75.	1.5	231.579	15.218	1.5	1.5	9.	23.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	31	0.602	0.683	1.875	0.176	0.221	0.47	0.176	0.176	0.954	1.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.816								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	45	11050.	6836.711	11428.	1045.	24418921.437	4941.551	1227.	1437.	11211.5	11352.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0305

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	14	5.3	5.029	10.	0.	9.487	3.08	0.3	2.075	8.	9.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	47	10.	10.085	17.	0.	17.384	4.169	4.	8.	13.	16.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	52	4.	4.769	20.	0.	18.612	4.314	1.	1.	8.	10.7
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	45	43.	333.033	2400.	1.5	483961.414	695.673	1.5	9.	225.	1620.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	45	1.633	1.68	3.38	0.176	0.864	0.929	0.176	0.954	2.351	3.177
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			47.865								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	44	9.	84.898	2400.	1.5	130656.088	361.464	1.5	1.5	41.25	121.5
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	44	0.954	1.003	3.38	0.176	0.609	0.781	0.176	0.176	1.614	2.072
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.059								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	52	1539.5	5945.827	11611.	1040.	25099325.95	5009.923	1221.7	1330.75	11234.75	11430.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0305

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	30	20.	18.403	23.	10.	14.197	3.768	12.	16.	21.025	22.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	74	26.	23.601	35.	10.	37.185	6.098	14.5	18.75	28.	30.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	79	4.	4.532	15.	0.	11.38	3.373	1.	2.	7.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	73	15.	170.87	2400.	1.5	153757.313	392.119	1.5	1.5	93.	460.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	73	1.176	1.314	3.38	0.176	0.933	0.966	0.176	0.176	1.968	2.663
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			20.593								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	73	4.	27.836	390.	1.5	4298.042	65.559	1.5	1.5	18.	93.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	73	0.602	0.806	2.591	0.176	0.462	0.68	0.176	0.176	1.249	1.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.39								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	80	11136.5	7279.838	11621.	1013.	24090121.302	4908.169	1211.4	1339.	11254.	11420.7

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0306

NPS Station ID: GATE0306
LAT/LON: 40.461670/ -74.021392
Agency: 1111H030
Date Created: / /
Location: RARITAN BAY (14)
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): 402742007401170/014 /14
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030104
Depth of Water: 22
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-N.Y. METROPOLI
ECO Region:
RF1 Index: 02030104
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0306

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/07/62-01/23/68	66	17.95	15.618	25.6	0.9	59.985	7.745	2.35	8.15	21.825	23.3
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/07/62-08/13/64	58	19.5	17.172	34.	1.	92.566	9.621	2.	6.5	25.	29.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/23/63-06/01/67	6	32850.	32016.667	35000.	25900.	10029666.667	3166.965	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/07/62-01/23/68	61	9.7	9.626	16.5	5.2	6.51	2.551	6.62	7.4	10.9	12.84
00310	BOD, 5 DAY, 20 DEG C MG/L	06/03/64-01/23/68	3	2.4	2.433	3.3	1.6	0.723	0.85	**	**	**	**
00400	PH (STANDARD UNITS)	02/06/64-06/01/67	5	7.8	7.7	8.	7.1	0.12	0.346	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/06/64-06/01/67	5	7.8	7.562	8.	7.1	0.144	0.379	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/06/64-06/01/67	5	0.016	0.027	0.079	0.01	0.001	0.029	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/23/68-01/23/68	1	0.39	0.39	0.39	0.39	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/07/62-06/01/67	61	14200.	14090.164	16000.	10000.	1505568.306	1227.016	12760.	13650.	14900.	15600.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/07/62-01/23/68	40	20.	107.475	1600.	2.	85118.82	291.751	5.	5.	65.	252.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/07/62-01/23/68	40	1.301	1.374	3.204	0.301	0.462	0.68	0.699	0.699	1.809	2.399
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			23.676								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/07/62-06/01/67	51	33.	212.255	4600.	2.	491229.194	700.877	7.2	14.	110.	236.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/07/62-06/01/67	51	1.519	1.603	3.663	0.301	0.466	0.682	0.857	1.146	2.041	2.373
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			40.052								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/07/62-06/01/67	51	8.	67.922	920.	1.	36910.994	192.122	1.2	4.	33.	79.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/07/62-06/01/67	51	0.903	1.058	2.964	0.	0.562	0.75	0.06	0.602	1.519	1.898
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.436								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/63-01/23/68	32	4.	6.281	28.	2.	42.402	6.512	2.	2.	8.	18.8
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/63-01/23/68	32	0.602	0.633	1.447	0.301	0.129	0.359	0.301	0.301	0.903	1.272
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4.293								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/07/62-08/13/64	60	5.	33.8	710.	2.	11031.654	105.032	2.	2.	20.	59.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/07/62-08/13/64	60	0.699	0.926	2.851	0.301	0.384	0.619	0.301	0.301	1.301	1.77
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			8.426								
70305	SALINITY BASED ON CONDUCTIVITY	01/23/68-01/23/68	1	21.2	21.2	21.2	21.2	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0306

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	61	0	0.00	23	0	0.00	14	0	0.00	24	0	0.00			
00400	PH	Other-Hi Lim.	9.	5	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	5	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: GATE0306

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	40	1	0.03	20	0	0.00	11	1	0.09	9	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	51	3	0.06	23	0	0.00	10	2	0.20	18	1	0.06			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	51	4	0.08	23	0	0.00	10	2	0.20	18	2	0.11			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	32	0	0.00	6	0	0.00	6	0	0.00	20	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0307

NPS Station ID: GATE0307
LAT/LON: 40.461115/ -74.022227
Agency: 11NOAMID
Date Created: 11/15/78
Location: RARITAN BAY
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): RARB14
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON NEW YORK METRO AREA
ECO Region:
RF1 Index: 02030104013
RF1 Mile Point: 6.210
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
TRACE METALS IN SEDIMENTS OF RARITAN BAY - GREIG AND MCGRATH - NOAA NATL MAR FISH SERV - MID ATLANTIC COAST FISH CEN MILFORD CT 1973 MARINE POLLUTION BULLETIN VOL 8 NO 8 AUG 1977

Parameter Inventory for Station: GATE0307

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	2 ##	4.25	4.25	7.	1.5	15.125	3.889	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	2	114.	114.	150.	78.	2592.	50.912	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	02/01/73-05/01/73	2	230.	230.	290.	170.	7200.	84.853	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	02/01/73-05/01/73	2	135.	135.	180.	90.	4050.	63.64	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	2	27.	27.	37.	17.	200.	14.142	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	02/01/73-05/01/73	2	310.	310.	410.	210.	20000.	141.421	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GATE0308

NPS Station ID: GATE0308 LAT/LON: 40.456670/ -74.022781 Agency: 21NJDEP1 Date Created: 08/22/81
Location: RARITAN BAY FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): L7001937111 /95 /SF01013
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02030104 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST MAJOR BASIN Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA ECO Region:
RF1 Index: 02030104 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J. TIDE CORRECTION (H/L): (-0:01/ 0:00)
ASSOCIATED NOAA WEATHER STATION: 7865

Parameter Inventory for Station: GATE0308

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/01/75-09/01/81	39	20.	18.987	25.	4.4	28.983	5.384	10.	17.8	22.	24.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-09/01/81	29	24.	25.276	34.	19.	17.493	4.182	20.	22.	28.	33.
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-09/01/81	34	5.	5.088	10.	1.	8.81	2.968	1.5	2.75	7.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-09/01/81	39	43.	97.91	1100.	1.5	36976.183	192.292	1.5	3.	93.	240.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-09/01/81	39	1.633	1.32	3.041	0.176	0.772	0.879	0.176	0.477	1.968	2.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			20.893								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-09/01/81	39	4.	24.192	240.	1.5	2004.39	44.77	1.5	1.5	23.	93.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-09/01/81	39	0.602	0.835	2.38	0.176	0.486	0.697	0.176	0.176	1.362	1.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.84								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-09/01/81	39	1500.	5429.359	11600.	1130.	24425375.236	4942.203	1215.	1330.	11215.	11430.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0308

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	39	1	0.03	17	0	0.00				22	1	0.05			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	39	1	0.03	17	0	0.00				22	1	0.05			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0308

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/01/75-09/01/81	17	22.	20.971	25.	17.	5.515	2.348	17.	19.	22.25	24.2
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-09/01/81	15	5.	5.	10.	1.	6.143	2.478	2.2	3.	5.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-09/01/81	17	43.	74.588	240.	1.5	6531.695	80.819	1.5	2.75	121.5	240.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-09/01/81	17	1.633	1.392	2.38	0.176	0.714	0.845	0.176	0.389	2.072	2.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			24.653								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-09/01/81	17	9.	22.588	93.	1.5	939.289	30.648	1.5	1.5	43.	93.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-09/01/81	17	0.954	0.906	1.968	0.176	0.466	0.683	0.176	0.176	1.633	1.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.062								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-09/01/81	17	1500.	4352.059	11515.	1215.	22096334.559	4700.674	1227.	1372.5	11315.	11503.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0308

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/01/75-09/01/81	22	18.45	17.455	25.	4.4	42.599	6.527	4.76	14.5	22.325	24.7
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-09/01/81	19	5.	5.158	10.	1.	11.363	3.371	1.	2.	9.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-09/01/81	22	16.	115.932	1100.	1.5	61152.198	247.29	1.5	2.625	107.25	394.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-09/01/81	22	1.158	1.264	3.041	0.176	0.846	0.92	0.176	0.402	2.02	2.578
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			18.386								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-09/01/81	22 ##	2.75	25.432	240.	1.5	2907.65	53.923	1.5	1.5	23.	87.6
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-09/01/81	22 ##	0.389	0.78	2.38	0.176	0.518	0.719	0.176	0.176	1.362	1.94
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.025								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-09/01/81	22	6265.	6261.818	11600.	1130.	25697494.156	5069.27	1200.	1282.5	11215.	11385.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0309

NPS Station ID: GATE0309 LAT/LON: 40.417642/ -74.023503 Agency: 11NYCOR Date Created: 09/08/79
Location: SANDY HOOK BAY NE OF ATLANTIC HIGHLANDS-NJ. FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): NYCOR261
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02030104 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METRO AREA ECO Region:
RF1 Index: 02030104006 RF1 Mile Point: 6.400 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:
NEW YORK CORPS OF ENGINEERS DREDGING STUDIES

Parameter Inventory for Station: GATE0309

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	08/15/74-08/15/74	1	13.31	13.31	13.31	13.31	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/15/74-08/15/74	1	4.6	4.6	4.6	4.6	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/15/74-08/15/74	1	22.5	22.5	22.5	22.5	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/15/74-08/15/74	1	339.	339.	339.	339.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/15/74-08/15/74	1	182.8	182.8	182.8	182.8	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/15/74-08/15/74	1	47.1	47.1	47.1	47.1	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	08/15/74-08/15/74	1	419.9	419.9	419.9	419.9	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	08/15/74-08/15/74	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GATE0310

NPS Station ID: GATE0310
LAT/LON: 40.434726/ -74.023893
Agency: 21NJDEP1
Date Created: 07/11/81
Location: SANDY HOOK BAY
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): L6998736978 /910B /SF02012
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST MAJOR BASIN
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA
ECO Region:
RF1 Index: 02030104006
RF1 Mile Point: 6.300
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J.
TIDE CORRECTION (H/L): (-0:01/ 0:00)
ASSOCIATED NOAA WEATHER STATION: 7865

Parameter Inventory for Station: GATE0310

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	68	17.9	14.578	25.	-0.6	66.171	8.135	1.64	8.	21.925	23.3
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	157	19.	19.232	36.	0.	68.787	8.294	8.	12.	26.	29.2
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	183	4.	4.754	20.	0.	13.703	3.702	1.	2.	7.	10.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/25/76-07/26/78	5	5.	5.	9.	2.	7.5	2.739	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/25/76-07/26/78	5	0.	2.	5.	0.	7.5	2.739	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/25/76-07/26/78	3	16940.	17141.667	19965.	14520.	7442508.333	2728.096	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/08/77-12/14/77	2	8.7	8.7	10.3	7.1	5.12	2.263	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/08/77-07/26/78	2	4.	4.	5.	3.	2.	1.414	**	**	**	**
00312	BOD, 6 DAY, 20 DEG C MG/L	10/25/76-04/24/78	2	2.	2.	3.	1.	2.	1.414	**	**	**	**
00400	PH (STANDARD UNITS)	10/25/76-07/26/78	4	8.1	8.075	8.2	7.9	0.022	0.15	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/25/76-07/26/78	4	8.089	8.055	8.2	7.9	0.023	0.152	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/25/76-07/26/78	4	0.008	0.009	0.013	0.006	0.	0.003	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	06/18/79-04/25/94	93	20.	20.252	28.8	11.	15.698	3.962	14.5	17.75	23.	25.
00500	RESIDUE, TOTAL (MG/L)	08/08/77-07/26/78	4	39322.	46423.5	68318.	38732.	213148233.	14599.597	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	08/08/77-07/26/78	4	24506.	24182.	27230.	20486.	12580224.	3546.861	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/08/77-07/26/78	4	78.	77.75	87.	68.	62.917	7.932	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	08/08/77-07/26/78	4	68.	66.5	70.	60.	20.333	4.509	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/25/76-07/26/78	5	1.	0.85	1.7	0.05	0.383	0.618	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/25/76-07/26/78	5	1.4	1.04	1.7	0.2	0.603	0.777	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/25/76-07/26/78	5 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/25/76-07/26/78	5	0.2	0.206	0.4	0.04	0.02	0.141	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	10/25/76-07/26/78	5 ##	0.5	1.1	3.	0.5	1.175	1.084	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/25/76-07/26/78	5	30.	22.5	40.	2.5	291.75	17.081	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	10/25/76-07/26/78	5 ##	5.	17.6	46.	5.	342.8	18.515	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	10/25/76-07/26/78	4 ##	5.	6.5	14.	2.	27.	5.196	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	10/25/76-07/26/78	5	43.	35.8	52.	10.	330.2	18.171	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	161	15.	194.466	11000.	1.	862425.194	928.669	1.5	4.	93.	240.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	161	1.176	1.294	4.041	0.	0.771	0.878	0.176	0.602	1.968	2.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			19.658								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	153	7.	33.448	930.	1.	9346.471	96.677	1.5	1.5	23.	93.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	153	0.845	0.886	2.968	0.	0.467	0.684	0.176	0.176	1.362	1.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.686								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/15/90-05/18/92	18	3.6	6.35	43.	1.5	97.084	9.853	1.5	1.5	9.1	16.9

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GATE0310

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	05/15/90-05/18/92	18	0.556	0.547	1.633	0.176	0.185	0.43	0.176	0.176	0.959	1.195
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			3.524								
31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	08/10/73-12/01/78	21	3.	3.333	4.	3.	0.233	0.483	3.	3.	4.	4.
31678	LOG FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATI	08/10/73-12/01/78	21	0.477	0.519	0.602	0.477	0.004	0.06	0.477	0.477	0.602	0.602
31678	GM FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATIO	GEOMETRIC MEAN =			3.302								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	189	11029.	6487.905	11523.	1001.	24663243.916	4966.21	1153.	1315.	11200.	11330.
71900	MERCURY, TOTAL (UG/L AS HG)	10/25/76-07/26/78	5 ##	0.5	0.68	1.4	0.5	0.162	0.402	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0310

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	5	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	1	0	0.00	1	0	0.00						
00400	PH	Other-Hi Lim.	9.	4	0	0.00	2	0	0.00				2	0	0.00			
		Other-Lo Lim.	6.5	4	0	0.00	2	0	0.00				2	0	0.00			
01027	CADMIUM, TOTAL	Marine Acute	43.	5	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00			
01042	COPPER, TOTAL	Marine Acute	2.9	2 &	2	1.00							2	2	1.00			
01051	LEAD, TOTAL	Marine Acute	220.	4	0	0.00	2	0	0.00				2	0	0.00			
01092	ZINC, TOTAL	Marine Acute	95.	5	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	161	6	0.04	38	0	0.00	52	5	0.10	71	1	0.01			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	153	6	0.04	31	0	0.00	51	4	0.08	71	2	0.03			
71900	MERCURY, TOTAL	Marine Acute	2.1	5	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1973 - Station GATE0310

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	7	23.3	23.086	23.9	21.7	0.475	0.689	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	7	5.	6.	12.	3.	8.	2.828	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	7	7.	64.214	240.	1.5	8861.321	94.135	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	7	0.845	1.202	2.38	0.176	0.737	0.859	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			15.928								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	7	1500.	5560.	11145.	1100.	27165291.667	5212.033	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station GATE0310

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	6	2.5	2.033	5.6	-0.6	5.151	2.27	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	7	6.	6.714	15.	0.	34.238	5.851	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	7	240.	213.571	460.	9.	37148.286	192.739	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	7	2.38	2.044	2.663	0.954	0.419	0.648	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			110.63								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	7	43.	115.	460.	7.	25667.	160.209	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	7	1.633	1.696	2.663	0.845	0.42	0.648	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			49.686								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	7	1430.	4206.429	11300.	1200.	23491972.619	4846.852	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GATE0310

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	10	11.7	10.95	21.1	0.6	78.612	8.866	0.71	2.075	18.875	21.05
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	10	7.5	8.3	20.	0.	34.9	5.908	0.2	4.25	11.25	19.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	10	93.	134.	460.	4.	17099.778	130.766	7.5	66.	172.5	438.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	10	1.968	1.916	2.663	0.602	0.298	0.546	0.701	1.804	2.227	2.635
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			82.436								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	10	23.	34.	93.	4.	1151.111	33.928	4.	7.75	55.5	93.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	10	1.362	1.3	1.968	0.602	0.257	0.507	0.602	0.866	1.717	1.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			19.941								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	10	1365.	5242.5	11400.	1115.	26472090.278	5145.104	1118.	1220.	11165.	11391.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station GATE0310

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	1	10.	10.	10.	10.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	1	130.	130.	130.	130.	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	1	2.114	2.114	2.114	2.114	0.	0.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			130.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	1	130.	130.	130.	130.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	1	2.114	2.114	2.114	2.114	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			130.								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	1	1001.	1001.	1001.	1001.	0.	0.	**	**	**	**

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Annual Analysis for 1977 - Station GATE0310

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	12	19.	16.25	23.	1.	45.659	6.757	3.1	12.	21.75	22.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	10	26.	24.9	30.	10.	32.1	5.666	11.4	24.	28.25	29.9
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	9	3.	4.111	15.	1.	21.361	4.622	1.	1.	5.5	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	11	23.	252.955	2400.	1.	511768.323	715.38	1.1	4.	43.	1968.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	11	1.362	1.297	3.38	0.	0.932	0.965	0.035	0.602	1.633	3.18
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			19.813								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	11	4.	8.818	43.	1.	163.864	12.801	1.1	1.5	9.	38.6
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	11	0.602	0.616	1.633	0.	0.292	0.54	0.035	0.176	0.954	1.571
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.128								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	12	11165.	8711.417	11500.	1001.	20843951.174	4565.518	1060.7	3672.75	11311.25	11449.

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Annual Analysis for 1978 - Station GATE0310

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	9	10.	13.222	24.	0.	64.444	8.028	0.	7.5	20.	24.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	7	16.	19.	32.	6.	95.667	9.781	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	7	5.	4.143	10.	0.	10.81	3.288	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	9	33.	180.222	1100.	9.	124355.194	352.64	9.	15.5	166.5	1100.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	9	1.519	1.721	3.041	0.954	0.474	0.688	0.954	1.148	2.174	3.041
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			52.611								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	9	22.	27.5	93.	1.5	841.75	29.013	1.5	6.5	43.	93.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	9	1.342	1.181	1.968	0.176	0.317	0.563	0.176	0.778	1.633	1.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			15.16								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	9	11001.	6746.889	11300.	1001.	27308558.111	5225.759	1001.	1280.	11165.	11300.

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Annual Analysis for 1979 - Station GATE0310

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	9	21.	19.778	25.	12.	18.944	4.353	12.	16.	23.5	25.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	9	26.	26.556	36.	15.	45.778	6.766	15.	22.	32.	36.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	9	5.	4.889	10.	2.	6.611	2.571	2.	2.5	6.5	10.
00480	SALINITY - PARTS PER THOUSAND	06/18/79-04/25/94	7	21.9	22.071	23.5	21.	0.772	0.879	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	9	4.	320.944	2400.	1.5	630590.09	794.097	1.5	1.5	234.5	2400.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	9	0.602	1.064	3.38	0.176	1.347	1.16	0.176	0.176	1.809	3.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			11.584								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	9	4.	23.778	150.	1.5	2418.819	49.181	1.5	1.5	25.	150.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	9	0.602	0.729	2.176	0.176	0.523	0.723	0.176	0.176	1.239	2.176
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.361								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	9	11130.	6802.222	11400.	1130.	27860694.444	5278.323	1130.	1215.	11300.	11400.

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Annual Analysis for 1980 - Station GATE0310

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	6	14.	14.333	22.	6.	51.867	7.202	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	6	18.5	17.167	28.	0.	108.967	10.439	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	6	1.5	3.	10.	0.	16.	4.	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	06/18/79-04/25/94	6	23.15	22.433	28.8	14.5	37.167	6.096	**	**	**	**

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Annual Analysis for 1980 - Station GATE0310

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	6	48.5	276.917	1100.	1.5	194035.842	440.495	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	6	1.285	1.488	3.041	0.176	1.51	1.229	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			30.76								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	6	13.5	18.917	43.	1.5	355.842	18.864	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	6	0.982	0.974	1.633	0.176	0.398	0.631	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.41								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	6	11230.	7970.	11430.	1130.	26992440.	5195.425	**	**	**	**

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Annual Analysis for 1981 - Station GATE0310

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	8	16.5	15.	23.	5.	52.857	7.27	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	11	15.	16.364	30.	6.	70.255	8.382	6.2	9.	23.	29.8
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	11	3.	3.636	10.	0.	10.055	3.171	0.	1.	7.	9.4
00480	SALINITY - PARTS PER THOUSAND	06/18/79-04/25/94	11	20.3	20.936	25.1	16.5	8.409	2.9	16.7	18.	23.5	24.86
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	11	9.	48.955	240.	1.5	6143.873	78.383	1.5	1.5	75.	222.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	11	0.954	1.049	2.38	0.176	0.702	0.838	0.176	0.176	1.875	2.339
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			11.204								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	11	3.	17.909	93.	1.5	777.591	27.885	1.5	1.5	23.	82.2
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	11	0.477	0.799	1.968	0.176	0.439	0.663	0.176	0.176	1.362	1.893
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.292								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	11	1330.	3977.455	11200.	1118.	21388150.273	4624.732	1120.4	1223.	11130.	11200.

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Annual Analysis for 1982 - Station GATE0310

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	10	17.	17.7	35.	9.	59.344	7.704	9.2	11.75	20.5	34.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	10	5.	4.9	8.	1.	4.989	2.234	1.2	3.	6.5	8.
00480	SALINITY - PARTS PER THOUSAND	06/18/79-04/25/94	10	19.	19.75	24.	17.	4.736	2.176	17.1	18.375	20.75	23.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	7	15.	26.429	91.	4.	867.952	29.461	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	7	1.176	1.249	1.959	0.602	0.166	0.407	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			17.739								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	6 ##	15.	25.417	91.	1.5	1061.442	32.58	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	6 ##	1.176	1.14	1.959	0.176	0.321	0.567	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			13.801								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	10	6285.5	6261.5	11354.	1208.	27458977.611	5240.131	1210.5	1247.25	11223.25	11341.6

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Annual Analysis for 1983 - Station GATE0310

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	11	16.	17.727	29.	7.	47.018	6.857	7.8	12.	23.	28.4
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	11	5.	5.273	10.	1.	11.018	3.319	1.2	2.	8.	10.
00480	SALINITY - PARTS PER THOUSAND	06/18/79-04/25/94	11	17.5	18.136	25.	13.	14.855	3.854	13.2	14.5	22.	24.6
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	11	15.	64.364	230.	1.5	8487.605	92.128	1.5	7.	150.	230.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	11	1.176	1.268	2.362	0.176	0.615	0.784	0.176	0.845	2.176	2.362
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			18.546								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	11	9.	31.636	230.	1.5	4461.405	66.794	1.5	4.	15.	192.6

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Annual Analysis for 1983 - Station GATE0310

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	11	0.954	1.011	2.362	0.176	0.391	0.626	0.176	0.602	1.176	2.216
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.259								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	11	1446.	5802.727	11443.	1131.	27244864.218	5219.661	1135.4	1153.	11308.	11422.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GATE0310

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	15	17.	16.933	30.	4.	69.924	8.362	5.2	8.	23.	29.4
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	15	5.	5.867	12.	1.	13.695	3.701	1.6	3.	10.	11.4
00480	SALINITY - PARTS PER THOUSAND	06/18/79-04/25/94	15	21.	19.967	24.	12.5	12.267	3.502	13.4	18.5	23.	24.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	15	15.	80.333	430.	1.5	15375.917	124.	1.5	4.	93.	310.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	15	1.176	1.297	2.633	0.176	0.697	0.835	0.176	0.602	1.968	2.47
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			19.832								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	15	7.	27.767	230.	1.5	3667.531	60.56	1.5	1.5	23.	147.8
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	15	0.845	0.849	2.362	0.176	0.463	0.68	0.176	0.176	1.362	2.126
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.065								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	15	11031.	7239.4	11302.	1209.	24409560.114	4940.603	1236.6	1456.	11142.	11264.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GATE0310

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	10	18.5	19.6	31.	9.	59.378	7.706	9.1	13.	26.5	30.7
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	10	4.5	4.6	9.	1.	8.489	2.914	1.1	2.	8.	8.9
00480	SALINITY - PARTS PER THOUSAND	06/18/79-04/25/94	10	21.5	20.65	25.	12.5	17.781	4.217	12.85	17.5	24.25	25.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	10	31.	1130.55	11000.	1.5	12027425.636	3468.058	1.5	1.5	69.75	9915.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	10	1.476	1.344	4.041	0.176	1.449	1.204	0.176	0.176	1.769	3.855
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			22.093								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	10	6.5	102.6	930.	1.5	84668.156	290.978	1.5	1.5	27.	840.9
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	10	0.778	0.936	2.968	0.176	0.802	0.896	0.176	0.176	1.419	2.831
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.626								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	10	11053.	7186.9	11239.	1057.	26144152.1	5113.135	1073.2	1288.	11207.	11237.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GATE0310

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	10	13.5	17.3	32.	4.	121.122	11.006	4.2	7.5	29.	31.7
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	10	3.	4.8	12.	1.	19.067	4.367	1.	1.75	10.25	11.9
00480	SALINITY - PARTS PER THOUSAND	06/18/79-04/25/94	10	17.5	16.8	22.	11.	14.4	3.795	11.1	12.75	20.	21.8
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	8	6.5	354.125	2400.	1.5	701358.625	837.472	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	8	0.778	1.23	3.38	0.176	1.368	1.17	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			17.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	8	4.	37.563	240.	1.5	6850.46	82.768	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	8	0.602	0.832	2.38	0.176	0.626	0.791	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.796								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	10	6160.5	6173.	11518.	1045.	28281717.778	5318.056	1051.1	1130.75	11145.25	11488.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GATE0310

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	7	15.	17.286	33.	9.	69.571	8.341	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	10	2.	3.6	9.	1.	10.933	3.307	1.	1.	8.	8.9
00480	SALINITY - PARTS PER THOUSAND	06/18/79-04/25/94	4	18.5	18.5	22.	15.	9.667	3.109	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	8	16.5	193.625	930.	1.5	110463.625	332.361	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	8	1.032	1.334	2.968	0.176	1.291	1.136	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			21.576								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	8	7.	69.563	430.	1.5	22171.317	148.9	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	8	0.759	0.978	2.633	0.176	0.849	0.922	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.508								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	10	11103.5	8233.	11342.	1216.	22173013.333	4708.823	1244.5	1513.	11163.75	11332.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GATE0310

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	8	21.	19.	31.	2.	114.857	10.717	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	8	4.	4.75	12.	1.	11.357	3.37	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	06/18/79-04/25/94	4	21.5	21.5	24.	19.	5.667	2.38	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	8	6.5	9.563	23.	1.5	81.031	9.002	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	8	0.778	0.743	1.362	0.176	0.276	0.526	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			5.534								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	8 ##	1.5	4.813	23.	1.5	55.281	7.435	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	8 ##	0.176	0.431	1.362	0.176	0.179	0.423	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.696								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	8	1485.5	5088.375	11400.	1244.	26127769.982	5111.533	**	**	**	**

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Annual Analysis for 1989 - Station GATE0310

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	7	18.	17.571	29.	1.	97.952	9.897	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	7	2.	3.143	8.	1.	7.143	2.673	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	7	21.	44.714	93.	7.	1620.571	40.256	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	7	1.322	1.444	1.968	0.845	0.237	0.487	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			27.812								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	7	7.	10.929	23.	1.5	87.202	9.338	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	7	0.845	0.857	1.362	0.176	0.214	0.463	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.197								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	7	1423.	5594.143	11324.	1250.	27985259.143	5290.11	**	**	**	**

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Annual Analysis for 1990 - Station GATE0310

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	8	19.5	20.5	31.	10.	70.857	8.418	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	8	3.5	3.625	8.	1.	5.696	2.387	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	2	11.	11.	15.	7.	32.	5.657	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	2	1.011	1.011	1.176	0.845	0.055	0.234	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			10.247								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**

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Annual Analysis for 1990 - Station GATE0310

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	2 ##	0.176	0.176	0.176	0.176	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.5								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	8	6191.	6197.375	11310.	1201.	27960174.554	5287.738	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0310

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	8	17.5	18.625	30.	11.	50.268	7.09	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	8	6.5	6.125	12.	1.	17.839	4.224	**	**	**	**
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	8	11110.5	7519.75	11429.	1156.	26198925.071	5118.489	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0310

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	7	22.	19.	28.	7.	77.333	8.794	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	7	4.	4.429	12.	1.	13.619	3.69	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	3	4.	6.833	15.	1.5	51.583	7.182	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	3	0.602	0.651	1.176	0.176	0.252	0.502	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			4.481								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	3	4.	4.167	7.	1.5	7.583	2.754	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	3	0.602	0.541	0.845	0.176	0.115	0.339	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.476								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	7	11007.	6864.143	11236.	1008.	27851892.476	5277.489	**	**	**	**

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Annual Analysis for 1993 - Station GATE0310

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	5	25.	25.4	27.	24.	1.3	1.14	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	5	4.	3.6	5.	1.	2.3	1.517	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	06/18/79-04/25/94	4	27.45	27.6	28.2	27.3	0.18	0.424	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	5	4.	10.8	43.	1.5	325.575	18.044	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	5	0.602	0.638	1.633	0.176	0.355	0.596	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			4.345								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	5 ##	1.5	5.8	23.	1.5	92.45	9.615	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	5 ##	0.176	0.413	1.362	0.176	0.281	0.53	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.59								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	5	11256.	9416.	11523.	1544.	19382317.5	4402.535	**	**	**	**

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Annual Analysis for 1994 - Station GATE0310

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	6	18.5	18.5	24.	13.	19.5	4.416	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	6	1.	1.5	4.	0.	1.9	1.378	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station GATE0310

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00480	SALINITY - PARTS PER THOUSAND	06/18/79-04/25/94	1	22.6	22.6	22.6	22.6	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	5	7.	25.7	93.	1.5	1485.7	38.545	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	5	0.845	0.991	1.968	0.176	0.482	0.695	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			9.788								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	5 ##	1.5	2.5	4.	1.5	1.875	1.369	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	5 ##	0.176	0.346	0.602	0.176	0.054	0.233	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.221								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	6	6319.	6373.333	11444.	1418.	29075543.467	5392.174	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station GATE0310

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	2	20.25	20.25	26.5	14.	78.125	8.839	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	2	4.5	4.5	8.	1.	24.5	4.95	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	1 ##	0.176	0.176	0.176	0.176	0.	0.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1.5								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	1 ##	0.176	0.176	0.176	0.176	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.5								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	2	6217.5	6217.5	11114.	1321.	47951424.5	6924.697	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0310

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	15	23.3	21.707	25.	10.	15.415	3.926	13.6	21.7	23.9	25.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	36	23.	22.194	36.	7.	44.447	6.667	13.1	17.25	26.75	30.3
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	45	4.	4.822	12.	0.	9.559	3.092	1.	2.5	6.	10.
00480	SALINITY - PARTS PER THOUSAND	06/18/79-04/25/94	22	22.35	21.591	27.3	13.	9.848	3.138	17.6	19.	24.	24.7
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	38	7.	39.474	430.	1.	7057.77	84.011	1.5	2.625	27.	150.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	38	0.845	0.964	2.633	0.	0.509	0.713	0.176	0.402	1.419	2.176
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			9.209								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	31	4.	13.726	130.	1.	782.031	27.965	1.5	1.5	9.	35.8
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	31	0.602	0.667	2.114	0.	0.34	0.583	0.176	0.176	0.954	1.545
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.646								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	47	1544.	5932.298	11354.	1001.	24682625.04	4968.161	1127.6	1345.	11136.	11263.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0310

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	21	5.	3.981	10.	-0.6	9.805	3.131	0.68	1.1	7.5	1.12
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	47	10.	10.085	17.	0.	17.384	4.169	4.	8.	13.	16.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	59	4.	5.	20.	0.	20.31	4.507	0.	1.	8.	11.
00480	SALINITY - PARTS PER THOUSAND	06/18/79-04/25/94	28	19.	18.275	23.5	11.	12.406	3.522	12.45	16.	21.	22.1
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	52	43.	438.942	11000.	1.5	2485399.124	1576.515	1.5	15.	217.5	1049.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	52	1.633	1.676	4.041	0.176	0.855	0.925	0.176	1.176	2.329	3.02
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			47.432								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	51	15.	65.853	930.	1.5	23780.323	154.209	1.5	4.	43.	138.6
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	51	1.176	1.197	2.968	0.176	0.544	0.738	0.176	0.602	1.633	2.135
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			15.75								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	60	1479.	5783.517	11500.	1008.	24846919.339	4984.668	1200.8	1306.75	11201.75	11394.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0310

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	32	20.	18.191	23.	10.	15.594	3.949	11.3	16.	21.	22.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	74	26.	23.601	35.	10.	37.185	6.098	14.5	18.75	28.	30.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	79	4.	4.532	15.	0.	11.38	3.373	1.	2.	7.	10.
00480	SALINITY - PARTS PER THOUSAND	06/18/79-04/25/94	43	20.	20.853	28.8	12.5	17.572	4.192	15.4	17.5	24.	27.48
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	71	9.	98.366	2400.	1.5	89928.728	299.881	1.5	4.	75.	238.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	71	0.954	1.19	3.38	0.176	0.692	0.832	0.176	0.602	1.875	2.377
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			15.475								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	71	4.	18.782	230.	1.5	1818.605	42.645	1.5	1.5	15.	42.2
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/17/74-06/16/95	71	0.602	0.757	2.362	0.176	0.372	0.61	0.176	0.176	1.176	1.625
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.719								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	82	11104.5	7321.768	11523.	1001.	23876855.884	4886.395	1133.4	1312.5	11222.	11330.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0311

NPS Station ID: GATE0311
LAT/LON: 40.473337/ -74.025004
Agency: 11NATDC
Date Created: 07/13/85
Location: SANDY HOOK BAY
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): T0702263 /2658
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METROPOLITAN AREA
ECO Region:
RF1 Index: 02030104013
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0311

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GATE0312

NPS Station ID: GATE0312 LAT/LON: 40.465281/ -74.025837 Agency: 21NJDEP1 Date Created: 03/21/81
Location: RARITAN BAY FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): L7004937165 /93A /SF01014
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02030104 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST MAJOR BASIN Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA ECO Region:
RF1 Index: 02030104013 RF1 Mile Point: 6.360 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J. TIDE CORRECTION (H/L): (-0:01/ 0:00)
ASSOCIATED NOAA WEATHER STATION: 7865

Parameter Inventory for Station: GATE0312

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/01/75-09/01/81	41	20.	18.978	25.	4.4	30.648	5.536	6.48	17.9	22.25	24.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/02/76-09/01/81	31	24.	25.355	34.	19.	20.17	4.491	20.	22.	28.	33.8
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-09/01/81	34	5.	5.088	10.	1.	8.81	2.968	1.5	2.75	7.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-09/01/81	39	23.	101.244	750.	1.5	28427.998	168.606	1.5	4.	93.	460.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-09/01/81	39	1.362	1.407	2.875	0.176	0.642	0.801	0.176	0.602	1.968	2.663
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			25.535								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-09/01/81	39	4.	32.526	240.	1.5	4247.012	65.169	1.5	1.5	23.	93.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-09/01/81	39	0.602	0.845	2.38	0.176	0.562	0.75	0.176	0.176	1.362	1.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.995								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-09/01/81	39	1500.	5429.359	11600.	1130.	24425375.236	4942.203	1215.	1330.	11215.	11430.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0312

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	39	0	0.00	17	0	0.00				22	0	0.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	39	3	0.08	17	1	0.06				22	2	0.09			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0312

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/01/75-09/01/81	19	22.	20.974	25.	17.	5.902	2.429	17.	18.	22.5	24.
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-09/01/81	15	5.	5.	10.	1.	6.143	2.478	2.2	3.	5.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-09/01/81	17	23.	110.265	750.	1.5	40828.722	202.061	1.5	4.	94.	518.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-09/01/81	17	1.362	1.37	2.875	0.176	0.75	0.866	0.176	0.602	1.973	2.705
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			23.416								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-09/01/81	17	4.	32.912	240.	1.5	3627.539	60.229	1.5	1.5	43.	122.4
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-09/01/81	17	0.602	0.907	2.38	0.176	0.594	0.77	0.176	0.176	1.633	2.051
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.073								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-09/01/81	17	1500.	4352.059	11515.	1215.	22096334.559	4700.674	1227.	1372.5	11315.	11503.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0312

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/01/75-09/01/81	22	18.45	17.255	25.	4.4	46.603	6.827	4.76	14.5	22.325	24.7
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-09/01/81	19	5.	5.158	10.	1.	11.363	3.371	1.	2.	9.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-09/01/81	22	23.	94.273	460.	1.5	20216.755	142.186	1.95	7.75	129.75	394.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-09/01/81	22	1.362	1.436	2.663	0.176	0.589	0.768	0.266	0.866	2.071	2.578
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			27.303								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-09/01/81	22	3.5	32.227	240.	1.5	4921.017	70.15	1.5	1.5	23.	195.9
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-09/01/81	22	0.54	0.797	2.38	0.176	0.559	0.748	0.176	0.176	1.362	2.257
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.261								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-09/01/81	22	6265.	6261.818	11600.	1130.	25697494.156	5069.27	1200.	1282.5	11215.	11385.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0313

NPS Station ID: GATE0313
LAT/LON: 40.477504/ -74.026115
Agency: 1111H030
Date Created: / /
Location: RARITAN BAY (13)
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): 402839007401340/013 /13 /RB13
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030104
Depth of Water: 35
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-N.Y. METROPOLI
ECO Region:
RF1 Index: 02030104
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0313

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/07/62-12/14/72	97	15.3	13.73	25.	0.1	61.558	7.846	2.16	5.95	20.8	22.64
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/07/62-12/14/72	85	18.	15.624	33.	0.	84.434	9.189	2.	6.	23.	26.4
00030	LIGHT, INCIDENT, SUNLIGHT RADIATION INTENSITY	08/25/69-08/25/69	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/02/66-12/14/72	20	4.5	5.71	23.	1.5	24.554	4.955	1.91	2.925	6.975	13.35
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	03/05/69-11/13/69	4	4.5	6.	13.	2.	27.333	5.228	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	04/13/70-04/13/70	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/18/72-12/14/72	2	29300.	29300.	38000.	20600.	151380000.	12303.658	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/23/63-12/14/72	24	36050.	34513.	44100.	21.	74463132.435	8629.202	26900.	32250.	39067.5	41815.
00300	OXYGEN, DISSOLVED MG/L	08/07/62-12/14/72	98	8.75	9.053	16.1	5.4	4.983	2.232	6.19	7.275	10.7	11.42
00310	BOD, 5 DAY, 20 DEG C MG/L	06/04/64-01/23/68	19	2.5	2.416	4.2	0.	1.568	1.252	0.2	1.6	3.4	3.9
00340	COD, .25N K2CR2O7 MG/L	11/04/64-08/24/66	16	102.5	109.063	168.	61.	1497.129	38.693	61.	74.75	150.	165.2
00400	PH (STANDARD UNITS)	02/06/64-06/01/67	11	7.6	7.673	8.4	7.2	0.102	0.32	7.24	7.5	7.8	8.32
00400	CONVERTED PH (STANDARD UNITS)	02/06/64-06/01/67	11	7.6	7.585	8.4	7.2	0.111	0.333	7.24	7.5	7.8	8.32
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/06/64-06/01/67	11	0.025	0.026	0.063	0.004	0.	0.016	0.005	0.016	0.032	0.058
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/25/66-08/19/80	10	0.076	0.105	0.245	0.	0.007	0.086	0.002	0.03	0.19	0.242
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/04/64-08/24/66	17	0.03	0.042	0.13	0.01	0.001	0.031	0.018	0.02	0.055	0.098
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/04/64-06/11/80	19	0.12	0.15	0.39	0.04	0.01	0.099	0.05	0.06	0.23	0.31
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/02/66-06/06/72	9	0.85	0.803	1.52	0.	0.236	0.486	0.	0.435	1.125	1.52
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/18/80-08/19/80	7	0.07	0.06	0.09	0.01	0.001	0.027	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	03/02/66-01/23/68	6	0.43	0.465	0.79	0.27	0.031	0.176	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/04/64-08/24/66	17	0.43	0.425	0.88	0.15	0.028	0.168	0.222	0.32	0.475	0.688
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/30/72-08/19/80	11	0.099	0.092	0.12	0.045	0.001	0.023	0.048	0.081	0.108	0.118
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/07/69-12/14/72	18	4.	3.822	8.	2.	2.387	1.545	2.	2.45	5.	5.3
00940	CHLORIDE,TOTAL IN WATER MG/L	08/07/62-08/19/80	95	14500.	14432.526	17500.	9100.	2141723.337	1463.463	12900.	14000.	15300.	15900.
00956	SILICA, TOTAL (MG/L AS SI02)	06/11/80-08/19/80	8	0.25	0.26	0.6	0.04	0.04	0.2	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/07/62-12/14/72	72	80.	265.958	3700.	2.	294393.59	542.58	8.6	30.5	345.	536.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/07/62-12/14/72	72	1.903	1.957	3.568	0.301	0.459	0.678	0.932	1.484	2.538	2.728
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			90.57								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/07/62-06/01/67	50	150.	288.62	1600.	4.	116171.996	340.84	24.3	49.	350.	920.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/07/62-06/01/67	50	2.172	2.144	3.204	0.602	0.348	0.59	1.385	1.69	2.544	2.964
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			139.197								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/07/62-06/01/67	50	33.5	136.8	920.	2.	55529.878	235.648	7.	16.	115.	476.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/07/62-06/01/67	50	1.525	1.634	2.964	0.301	0.465	0.682	0.845	1.201	2.06	2.676
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			43.059								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/63-12/14/72	57	16.	38.07	380.	1.	3967.674	62.989	2.	4.	50.	110.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/63-12/14/72	57	1.204	1.155	2.58	0.	0.416	0.645	0.301	0.602	1.699	2.041
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			14.278								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/07/62-08/24/66	63	8.	42.857	1000.	1.	17163.899	131.011	2.	2.	30.	98.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GATE0313

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/07/62-08/24/66	63	0.903	1.021	3.	0.	0.449	0.67	0.301	0.301	1.477	1.993
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			10.503								
70305	SALINITY BASED ON CONDUCTIVITY	01/23/68-12/14/72	20	24.3	23.66	28.1	16.9	11.304	3.362	17.24	21.2	26.55	27.93
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/11/80-08/19/80	8	0.057	0.053	0.066	0.03	0.	0.013	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0313

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	20	0	0.00	3	0	0.00	9	0	0.00	8	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	98	0	0.00	27	0	0.00	35	0	0.00	36	0	0.00			
00400	PH	Other-Hi Lim.	9.	11	0	0.00	3	0	0.00	4	0	0.00	4	0	0.00			
		Other-Lo Lim.	6.5	11	0	0.00	3	0	0.00	4	0	0.00	4	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	72	2	0.03	25	0	0.00	26	1	0.04	21	1	0.05			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	50	2	0.04	20	1	0.05	14	0	0.00	16	1	0.06			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	50	10	0.20	20	0	0.00	14	3	0.21	16	7	0.44			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	57	2	0.04	12	1	0.08	19	1	0.05	26	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1962 - Station GATE0313

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/07/62-12/14/72	22	19.55	16.364	24.4	2.3	57.77	7.601	3.61	8.3	22.325	23.83
00300	OXYGEN, DISSOLVED MG/L	08/07/62-12/14/72	20	7.15	7.36	9.8	5.8	1.797	1.341	5.9	6.025	8.2	9.67

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1963 - Station GATE0313

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/07/62-12/14/72	29	17.7	14.145	22.8	0.2	55.402	7.443	1.	7.6	20.55	22.1
00300	OXYGEN, DISSOLVED MG/L	08/07/62-12/14/72	31	10.3	9.848	15.	6.2	4.312	2.077	7.16	8.1	10.9	12.92

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1964 - Station GATE0313

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/07/62-12/14/72	10	13.95	12.39	25.	2.2	65.368	8.085	2.31	4.2	20.2	24.55
00300	OXYGEN, DISSOLVED MG/L	08/07/62-12/14/72	10	8.5	8.58	10.9	6.4	3.204	1.79	6.4	6.7	10.35	10.89

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1965 - Station GATE0313

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/07/62-12/14/72	9	9.3	11.322	23.	2.5	56.389	7.509	2.5	3.8	18.	23.
00300	OXYGEN, DISSOLVED MG/L	08/07/62-12/14/72	9	9.4	9.167	11.	5.8	2.862	1.692	5.8	8.1	10.6	11.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1966 - Station GATE0313

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/07/62-12/14/72	6	18.15	15.217	23.5	3.5	78.982	8.887	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/07/62-12/14/72	6	9.8	9.1	10.7	5.4	4.124	2.031	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1967 - Station GATE0313

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/07/62-12/14/72	1	14.5	14.5	14.5	14.5	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/07/62-12/14/72	1	11.2	11.2	11.2	11.2	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1968 - Station GATE0313

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/07/62-12/14/72	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/07/62-12/14/72	1	11.	11.	11.	11.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1969 - Station GATE0313

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/07/62-12/14/72	5	18.	14.96	23.	2.	73.908	8.597	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/07/62-12/14/72	5	7.4	8.14	11.1	7.	2.923	1.71	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1970 - Station GATE0313

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/07/62-12/14/72	5	17.6	13.28	19.3	3.4	51.417	7.171	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/07/62-12/14/72	5	7.7	10.26	16.1	6.2	21.773	4.666	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1971 - Station GATE0313

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/07/62-12/14/72	4	6.05	8.95	23.6	0.1	118.297	10.876	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/07/62-12/14/72	4	9.65	9.675	11.9	7.5	4.269	2.066	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station GATE0313

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/07/62-12/14/72	5	6.2	10.24	22.3	1.6	77.453	8.801	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/07/62-12/14/72	6	10.35	9.817	13.1	5.9	6.338	2.517	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0313

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/07/62-12/14/72	29	21.3	20.672	24.4	15.1	6.618	2.573	16.5	19.3	22.4	23.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/07/62-12/14/72	25	22.5	22.36	30.	15.	11.844	3.442	18.	19.	25.	26.6
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/02/66-12/14/72	3	2.	3.5	7.	1.5	9.25	3.041	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/23/63-12/14/72	8	34950.	36291.875	42000.	31500.	18617770.982	4314.832	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/07/62-12/14/72	27	7.	6.978	10.	5.4	1.277	1.13	5.8	5.9	7.4	8.6
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/04/64-06/11/80	2	0.145	0.145	0.18	0.11	0.002	0.049	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/07/62-08/19/80	33	15300.	15162.424	16900.	13500.	686718.939	828.685	14040.	14400.	15800.	16304.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/07/62-12/14/72	25	30.	60.48	440.	5.	7599.927	87.178	5.	20.	70.	124.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/07/62-12/14/72	25	1.477	1.518	2.643	0.699	0.245	0.495	0.699	1.301	1.841	2.093
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			32.972								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/63-12/14/72	12	7.	52.75	380.	1.	12091.841	109.963	1.3	2.	55.	305.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/63-12/14/72	12	0.841	0.985	2.58	0.	0.686	0.828	0.09	0.301	1.7	2.44
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			9.661								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0313

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/07/62-12/14/72	33	3.5	4.47	13.5	0.1	10.919	3.304	1.	1.9	6.35	10.2
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/07/62-12/14/72	27	4.	4.444	13.5	0.	12.045	3.471	1.	2.	6.	10.4
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/02/66-12/14/72	9	4.6	8.078	23.	4.	41.357	6.431	4.	4.25	10.6	23.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/23/63-12/14/72	9	38000.	33304.111	44100.	21.	170340478.111	13051.455	21.	31778.	39035.	44100.
00300	OXYGEN, DISSOLVED MG/L	08/07/62-12/14/72	35	10.4	10.043	14.5	6.4	2.514	1.585	7.86	9.3	10.9	11.48
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/04/64-06/11/80	8	0.21	0.195	0.39	0.04	0.016	0.125	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/07/62-08/19/80	27	14400.	14295.556	16700.	11800.	1068379.487	1033.624	13000.	13900.	14700.	15900.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/07/62-12/14/72	26	220.	388.385	3700.	2.	525033.606	724.592	16.4	50.	392.5	955.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/07/62-12/14/72	26	2.335	2.149	3.568	0.301	0.495	0.704	1.182	1.698	2.594	2.98
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			140.876								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/63-12/14/72	19	20.	43.632	230.	1.	3153.246	56.154	2.	6.	60.	110.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/63-12/14/72	19	1.301	1.277	2.362	0.	0.429	0.655	0.301	0.778	1.778	2.041
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			18.94								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0313

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/07/62-12/14/72	35	17.7	16.709	25.	7.	24.609	4.961	8.38	14.	20.3	23.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/07/62-12/14/72	33	19.	19.667	33.	6.	45.214	6.724	9.8	15.	26.	29.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/02/66-12/14/72	8	3.3	3.875	7.5	1.9	3.588	1.894	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/23/63-12/14/72	7	35060.	34034.286	41580.	25800.	29921961.905	5470.097	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/07/62-12/14/72	36	9.1	9.647	16.1	6.2	5.754	2.399	7.25	7.925	10.85	13.41
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/04/64-06/11/80	9	0.102	0.11	0.24	0.05	0.004	0.065	0.05	0.05	0.155	0.24
00940	CHLORIDE,TOTAL IN WATER MG/L	08/07/62-08/19/80	35	14400.	13850.	17500.	9100.	3576617.647	1891.195	10360.	13200.	15000.	15660.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/07/62-12/14/72	21	210.	359.	2600.	5.	298334.4	546.2	34.4	60.	435.	586.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/07/62-12/14/72	21	2.322	2.242	3.415	0.699	0.344	0.586	1.533	1.778	2.638	2.768
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			174.534								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/63-12/14/72	26	15.	27.231	120.	2.	1047.705	32.368	2.	5.5	38.	89.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/63-12/14/72	26	1.175	1.143	2.079	0.301	0.295	0.543	0.301	0.734	1.573	1.945
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			13.908								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0314

NPS Station ID: GATE0314 LAT/LON: 40.453337/ -74.026948 Agency: 21NJDEP1 Date Created: 04/04/81
Location: SANDY HOOK BAY FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): L7003337093 /914C /SF02014
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02030104 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST MAJOR BASIN Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA ECO Region:
RF1 Index: 02030104006 RF1 Mile Point: 5.910 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J. TIDE CORRECTION (H/L): (-0:01/ 0:00)
ASSOCIATED NOAA WEATHER STATION: 7865

Parameter Inventory for Station: GATE0314

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-05/18/92	57	18.3	16.072	25.	0.	54.027	7.35	4.66	10.	22.	23.3
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	141	18.	18.872	36.	0.	72.612	8.521	8.	12.	26.	30.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	160	4.	4.856	20.	0.	13.407	3.662	1.	2.	7.75	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	140	29.5	346.564	11000.	1.5	1254887.823	1120.218	1.5	7.	212.5	912.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	140	1.459	1.547	4.041	0.176	0.927	0.963	0.176	0.845	2.322	2.959
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			35.216								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	132	4.	60.867	1500.	1.5	36914.572	192.132	1.5	1.5	23.	93.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	132	0.602	0.944	3.176	0.176	0.602	0.776	0.176	0.176	1.362	1.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.796								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/15/90-05/18/92	18	3.3	19.644	240.	1.5	3133.893	55.981	1.5	1.5	9.1	62.7
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	05/15/90-05/18/92	18	0.517	0.634	2.38	0.176	0.383	0.619	0.176	0.176	0.959	1.708
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			4.301								
31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	08/10/73-12/01/78	14	3.5	3.5	4.	3.	0.269	0.519	3.	3.	4.	4.
31678	LOG FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATI	08/10/73-12/01/78	14	0.54	0.54	0.602	0.477	0.004	0.065	0.477	0.477	0.602	0.602
31678	GM FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATIO	GEOMETRIC MEAN =			3.464								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	161	11109.	6697.627	11556.	1045.	24564260.135	4956.234	1230.6	1344.	11230.	11401.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0314

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	140	12	0.09	33	2	0.06	43	6	0.14	64	4	0.06			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	132	11	0.08	26	0	0.00	42	8	0.19	64	3	0.05			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1973 - Station GATE0314

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	7	5.	6.	12.	3.	8.	2.828	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	7	43.	523.786	2400.	1.5	843146.821	918.23	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	7	1.633	1.763	3.38	0.176	1.36	1.166	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			57.957								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	7	1515.	5576.429	11200.	1045.	27419639.286	5236.377	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GATE0314

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	10	7.5	8.3	20.	0.	34.9	5.908	0.2	4.25	11.25	19.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	10	135.	300.2	1100.	23.	111130.622	333.363	25.	80.5	460.	1036.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	10	2.128	2.222	3.041	1.362	0.277	0.526	1.389	1.885	2.663	3.004
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			166.613								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	10	16.	20.	75.	4.	442.667	21.04	4.	6.25	23.	69.8
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	10	1.158	1.128	1.875	0.602	0.163	0.404	0.602	0.784	1.362	1.824
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			13.427								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	10	1387.5	5261.	11430.	1115.	26310626.667	5129.389	1125.	1290.	11153.75	11418.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GATE0314

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	10	26.	24.9	30.	10.	32.1	5.666	11.4	24.	28.25	29.9
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	9	3.	4.111	15.	1.	21.361	4.622	1.	1.	5.5	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	10	16.	282.15	2400.	1.5	559189.947	747.79	1.5	1.5	129.75	2184.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	10	1.158	1.316	3.38	0.176	1.12	1.058	0.176	0.176	2.071	3.28
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			20.706								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	10	9.5	35.4	240.	1.5	5358.378	73.201	1.5	1.5	28.	220.3
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	10	0.889	0.922	2.38	0.176	0.601	0.775	0.176	0.176	1.43	2.306
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.355								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	10	11230.	9299.5	11530.	1230.	17942280.278	4235.833	1237.	8725.	11358.75	11517.

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Annual Analysis for 1978 - Station GATE0314

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	7	16.	19.	32.	6.	95.667	9.781	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	7	5.	4.143	10.	0.	10.81	3.288	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	7	9.	525.429	2400.	3.	843365.619	918.349	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	7	0.954	1.69	3.38	0.477	1.364	1.168	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			48.952								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	7	4.	107.929	460.	1.5	31592.036	177.741	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	7	0.602	1.219	2.663	0.176	1.001	1.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			16.562								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	7	11200.	7007.143	11330.	1245.	27876432.143	5279.814	**	**	**	**

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Annual Analysis for 1979 - Station GATE0314

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	9	26.	26.556	36.	15.	45.778	6.766	15.	22.	32.	36.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	9	5.	4.889	10.	2.	6.611	2.571	2.	2.5	6.5	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	9	23.	305.889	2400.	3.	619377.861	787.006	3.	5.	126.5	2400.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	9	1.362	1.519	3.38	0.477	0.855	0.924	0.477	0.661	2.086	3.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			33.025								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	9	4.	55.722	460.	1.5	23020.882	151.726	1.5	1.5	12.5	460.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	9	0.602	0.769	2.663	0.176	0.632	0.795	0.176	0.176	0.962	2.663
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.876								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	9	11200.	6883.333	11500.	1230.	27841500.	5276.505	1230.	1315.	11365.	11500.

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Annual Analysis for 1980 - Station GATE0314

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	6	18.5	17.167	28.	0.	108.967	10.439	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	6	1.5	3.	10.	0.	16.	4.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	6	31.5	811.	2400.	1.5	1515185.5	1230.929	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	6	1.467	1.675	3.38	0.176	2.09	1.446	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			47.263								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	6	## 10.75	26.75	93.	1.5	1322.275	36.363	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	6	## 0.739	0.905	1.968	0.176	0.682	0.826	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.039								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	6	11300.	8031.667	11500.	1230.	26961336.667	5192.431	**	**	**	**

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Annual Analysis for 1981 - Station GATE0314

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	11	15.	16.364	30.	6.	70.255	8.382	6.2	9.	23.	29.8
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	11	3.	3.636	10.	0.	10.055	3.171	0.	1.	7.	9.4
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	11	20.	152.	750.	1.5	60232.3	245.423	1.5	1.5	240.	692.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	11	1.301	1.292	2.875	0.176	1.211	1.101	0.176	0.176	2.38	2.833
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			19.581								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	11	4.	54.955	240.	1.5	8838.623	94.014	1.5	1.5	75.	240.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	11	0.602	0.969	2.38	0.176	0.828	0.91	0.176	0.176	1.875	2.38
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.305								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	11	1426.	4038.364	11230.	1158.	21284978.455	4613.565	1166.4	1303.	11200.	11230.

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Annual Analysis for 1982 - Station GATE0314

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	10	17.	17.7	35.	9.	59.344	7.704	9.2	11.75	20.5	34.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	10	5.	4.9	8.	1.	4.989	2.234	1.2	3.	6.5	8.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	10	63.5	135.9	460.	9.	22849.878	151.162	9.6	15.	240.	438.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	10	1.758	1.797	2.663	0.954	0.389	0.624	0.976	1.176	2.38	2.635
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			62.638								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	9	15.	33.944	93.	1.5	1212.028	34.814	1.5	12.	67.	93.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	9	1.176	1.287	1.968	0.176	0.303	0.55	0.176	1.065	1.796	1.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			19.356								

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Annual Analysis for 1982 - Station GATE0314

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	10	6345.5	6329.5	11434.	1248.	27503435.389	5244.372	1254.5	1327.25	11303.25	11421.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station GATE0314

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	11	16.	17.727	29.	7.	47.018	6.857	7.8	12.	23.	28.4
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	11	5.	5.273	10.	1.	11.018	3.319	1.2	2.	8.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	11	23.	479.773	4600.	1.5	1882540.368	1372.057	2.6	9.	91.	3766.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	11	1.362	1.581	3.663	0.176	0.866	0.93	0.31	0.954	1.959	3.457
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			38.09								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	11	15.	29.	150.	1.5	1797.15	42.393	1.5	4.	36.	128.6
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	11	1.176	1.113	2.176	0.176	0.382	0.618	0.176	0.602	1.556	2.068
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.966								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	11	1526.	5875.455	11523.	1211.	27158617.673	5211.393	1215.4	1233.	11348.	11502.6

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Annual Analysis for 1984 - Station GATE0314

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	15	17.	16.933	30.	4.	69.924	8.362	5.2	8.	23.	29.4
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	15	5.	5.867	12.	1.	13.695	3.701	1.6	3.	10.	11.4
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	15	75.	170.767	930.	1.5	66185.067	257.265	1.5	7.	230.	630.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	15	1.875	1.563	2.968	0.176	0.923	0.961	0.176	0.845	2.362	2.767
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			36.591								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	15	4.	80.033	930.	1.5	55965.588	236.57	1.5	1.5	43.	427.8
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	15	0.602	0.983	2.968	0.176	0.718	0.848	0.176	0.176	1.633	2.368
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.625								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	15	11109.	7302.333	11342.	1249.	24439184.952	4943.6	1299.4	1536.	11220.	11327.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GATE0314

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	10	18.5	19.6	31.	9.	59.378	7.706	9.1	13.	26.5	30.7
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	10	4.5	4.6	9.	1.	8.489	2.914	1.1	2.	8.	8.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	10	33.	1147.85	11000.	1.5	11988389.003	3462.425	1.65	7.5	129.75	9924.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	10	1.498	1.599	4.041	0.176	1.17	1.081	0.206	0.835	2.071	3.875
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			39.7								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	10	4.	161.4	1500.	1.5	221483.1	470.62	1.5	3.375	43.	1354.3
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	10	0.602	1.016	3.176	0.176	0.837	0.915	0.176	0.496	1.633	3.022
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.37								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	10	11131.	7244.9	11317.	1135.	26230725.433	5121.594	1147.2	1326.	11255.	11315.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GATE0314

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	10	13.5	17.3	32.	4.	121.122	11.006	4.2	7.5	29.	31.7
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	10	3.	4.8	12.	1.	19.067	4.367	1.	1.75	10.25	11.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	9	4.	281.389	2400.	1.5	632076.924	795.033	1.5	1.5	58.	2400.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	9	0.602	1.005	3.38	0.176	1.156	1.075	0.176	0.176	1.665	3.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			10.115								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	9 ##	1.5	124.389	1100.	1.5	133855.424	365.863	1.5	1.5	5.25	1100.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	9 ##	0.176	0.581	3.041	0.176	0.918	0.958	0.176	0.176	0.565	3.041
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.81								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	10	6187.5	6219.2	11556.	1123.	28189250.622	5309.355	1125.1	1192.75	11183.25	11526.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GATE0314

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	7	15.	17.286	33.	9.	69.571	8.341	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	10	2.	3.6	9.	1.	10.933	3.307	1.	1.	8.	8.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	8	33.	67.375	230.	4.	6575.982	81.092	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	8	1.498	1.483	2.362	0.602	0.425	0.652	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			30.422								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	8	9.	20.438	93.	1.5	918.96	30.314	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	8	0.954	0.99	1.968	0.176	0.308	0.555	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.772								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	10	11141.5	9235.9	11420.	1254.	17088594.767	4133.835	1282.5	8637.75	11241.75	11410.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GATE0314

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	8	21.	19.	31.	2.	114.857	10.717	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	8	4.	4.75	12.	1.	11.357	3.37	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	8	51.	242.063	930.	1.5	114496.46	338.373	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	8	1.461	1.615	2.968	0.176	1.152	1.073	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			41.208								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	8 ##	1.5	83.938	430.	1.5	25923.317	161.007	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	8 ##	0.176	0.81	2.633	0.176	1.112	1.055	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.452								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	8	6240.5	6320.625	11438.	1322.	27795129.125	5272.109	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0314

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	7	18.	17.571	29.	1.	97.952	9.897	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	7	2.	3.143	8.	1.	7.143	2.673	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	7	15.	47.929	240.	1.5	7370.369	85.851	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	7	1.176	1.183	2.38	0.176	0.512	0.716	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			15.255								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	7 ##	1.5	8.5	43.	1.5	239.25	15.468	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	7 ##	0.176	0.495	1.633	0.176	0.336	0.58	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.129								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0314

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	7	1501.	5655.	11402.	1328.	27891788.667	5281.268	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0314

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	8	19.5	20.5	31.	10.	70.857	8.418	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	8	3.5	3.625	8.	1.	5.696	2.387	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	2	20.	20.	36.	4.	512.	22.627	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	2	1.079	1.079	1.556	0.602	0.455	0.675	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			12.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	2	## 2.75	2.75	4.	1.5	3.125	1.768	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	2	## 0.389	0.389	0.602	0.176	0.091	0.301	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.449								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	8	6269.	6255.375	11348.	1239.	27847163.125	5277.041	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0314

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	8	17.5	18.625	30.	11.	50.268	7.09	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	8	6.5	6.125	12.	1.	17.839	4.224	**	**	**	**
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	8	11148.5	7582.75	11507.	1234.	26187025.071	5117.326	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0314

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	4	12.	13.25	22.	7.	50.25	7.089	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	4	4.	5.25	12.	1.	22.25	4.717	**	**	**	**
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	4	6274.5	6187.75	11156.	1046.	32217164.25	5676.017	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0314

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-05/18/92	13	23.3	22.585	25.	16.	5.721	2.392	17.6	21.85	23.95	25.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	31	23.	21.935	36.	7.	50.996	7.141	11.6	16.	27.	30.8
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	40	5.	5.1	12.	1.	9.682	3.112	2.	3.	6.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	33	15.	147.227	2400.	1.5	202138.314	449.598	1.5	3.	59.	240.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	33	1.176	1.235	3.38	0.176	0.758	0.871	0.176	0.477	1.754	2.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			17.177								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	26 ##	4.	13.308	93.	1.5	449.302	21.197	1.5	1.5	16.5	43.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	26 ##	0.602	0.701	1.968	0.176	0.357	0.597	0.176	0.176	1.213	1.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.023								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	40	11070.	6538.675	11434.	1045.	24794906.994	4979.448	1233.6	1426.25	11200.	11350.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0314

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-05/18/92	14	5.3	5.029	10.	0.	9.487	3.08	0.3	2.075	8.	9.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	45	10.	9.911	17.	0.	17.401	4.171	4.	7.5	12.	16.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	50	4.	4.92	20.	0.	18.769	4.332	1.	1.	8.	10.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	43	91.	631.895	11000.	1.5	3111494.352	1763.943	1.5	9.	430.	2400.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	43	1.959	1.834	4.041	0.176	1.073	1.036	0.176	0.954	2.633	3.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			68.18								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	42	15.	123.381	1500.	1.5	85051.242	291.635	1.5	1.5	91.5	373.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	42	1.176	1.242	3.176	0.176	0.828	0.91	0.176	0.176	1.961	2.557
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			17.458								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	50	1539.	5927.44	11530.	1046.	25049951.149	5004.993	1230.4	1327.75	11240.25	11429.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0314

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-05/18/92	30	20.	18.403	23.	10.	14.197	3.768	12.	16.	21.025	22.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	65	26.	23.615	35.	10.	39.115	6.254	14.6	18.5	28.5	30.4
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	70	3.5	4.671	15.	0.	12.021	3.467	1.	2.	7.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	64	23.	257.641	4600.	1.5	507302.964	712.252	1.5	7.	157.5	460.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	64	1.362	1.515	3.663	0.176	0.837	0.915	0.176	0.845	2.197	2.663
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			32.714								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	64	4.	39.164	930.	1.5	17212.469	131.196	1.5	1.5	23.	43.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	64	0.602	0.848	2.968	0.176	0.478	0.691	0.176	0.176	1.362	1.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.043								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	71	11139.	7329.563	11556.	1115.	23954417.392	4894.325	1219.6	1333.	11300.	11389.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0315

NPS Station ID: GATE0315 LAT/LON: 40.417366/ -74.027560 Agency: 11NYCOR Date Created: 09/08/79
Location: SANDY HOOK BAY NE OF ATLANTIC HIGHLANDS-NJ. FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): NYCOR262
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02030104 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METRO AREA ECO Region:
RF1 Index: 02030104006 RF1 Mile Point: 6.300 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:
NEW YORK CORPS OF ENGINEERS DREDGING STUDIES

Parameter Inventory for Station: GATE0315

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	08/15/74-08/15/74	1	33.2	33.2	33.2	33.2	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/15/74-08/15/74	1	4.99	4.99	4.99	4.99	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/15/74-08/15/74	1	31.	31.	31.	31.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/15/74-08/15/74	1	396.4	396.4	396.4	396.4	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/15/74-08/15/74	1	221.4	221.4	221.4	221.4	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/15/74-08/15/74	1	55.3	55.3	55.3	55.3	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	08/15/74-08/15/74	1	437.3	437.3	437.3	437.3	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	08/15/74-08/15/74	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GATE0316

NPS Station ID: GATE0316 LAT/LON: 40.427559/ -74.027837 Agency: 11NYCOR Date Created: 09/08/79
Location: SANDY HOOK BAY-AT LEONARDO NE.OF ATLANTIC HLNDS. FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): NYCOR288
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02030104 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METRO AREA ECO Region:
RF1 Index: 02030104006 RF1 Mile Point: 6.300 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:
NEW YORK CORPS OF ENGINEERS DREDGING STUDIES

Parameter Inventory for Station: GATE0316

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	08/15/74-08/15/74	1	19.44	19.44	19.44	19.44	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/15/74-08/15/74	1	3.04	3.04	3.04	3.04	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/15/74-08/15/74	1	13.4	13.4	13.4	13.4	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/15/74-08/15/74	1	212.6	212.6	212.6	212.6	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/15/74-08/15/74	1	164.6	164.6	164.6	164.6	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/15/74-08/15/74	1	37.	37.	37.	37.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	08/15/74-08/15/74	1	364.5	364.5	364.5	364.5	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	08/15/74-08/15/74	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GATE0317

NPS Station ID: GATE0317 | LAT/LON: 40.475003/ -74.027781 | Agency: 11NOAMID | Date Created: 11/16/78
Location: RARITAN BAY | FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/OCEAN | STORET Station ID(s): RARB13
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 02030104 | Depth of Water: 0 | Aquifer:
Major Basin: NORTHEAST | Elevation: 0 | Water Body Id:
Minor Basin: LOWER HUDSON NEW YORK METRO AREA | ECO Region:
RF1 Index: 02030104013 | RF1 Mile Point: 6.610 | Distance from RF1: 0.00 | On/Off RF1: OFF
RF3 Index: 02030202104200.00 | RF3 Mile Point: 0.00 | Distance from RF3: 4.93 | On/Off RF3:
Description:
TRACE METALS IN SEDIMENTS OF RARITAN BAY - GREIG AND MCGRATH - NOAA NATL MAR FISH SERV - MID ATLANTIC COAST FISH CEN MILFORD CT 1973
MARINE POLLUTION BULLETIN VOL 8 NO 8 AUG 1977

Parameter Inventory for Station: GATE0317

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	2	3.	3.	3.	3.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	02/01/73-05/01/73	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	02/01/73-05/01/73	2	7.	7.	8.	6.	2.	1.414	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	2	4.6	4.6	5.6	3.6	2.	1.414	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	02/01/73-05/01/73	2	24.	24.	28.	20.	32.	5.657	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GATE0318

NPS Station ID: GATE0318
LAT/LON: 40.474727/ -74.028338
Agency: 21NJDEP1
Date Created: 11/01/80
Location: SANDY HOOK BAY AT BOUY 17
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): L7007737223 /SHB17 /SF190
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST MAJOR BASIN
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA
ECO Region:
RF1 Index: 02030104013
RF1 Mile Point: 6.610
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0318

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/25/76-09/30/81	18	18.4	16.006	23.	1.	45.883	6.774	3.61	10.	22.	23.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/25/76-07/15/81	12	5.	5.117	9.	2.	5.145	2.268	2.12	3.	7.	8.7
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/30/81-09/30/81	1	2.8	2.8	2.8	2.8	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/25/76-09/30/81	13	0.	1.731	10.	0.	9.776	3.127	0.	0.	3.75	8.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/25/76-06/14/79	15	18150.	21475.2	50000.	10890.	120524109.886	10978.347	11616.	12100.	29040.	39851.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/11/78-09/30/81	8	8.65	9.05	12.6	6.8	5.194	2.279	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/08/77-07/24/78	6	7.75	8.3	11.1	5.4	4.588	2.142	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/22/77-06/14/79	6	3.	2.667	4.	1.	1.067	1.033	**	**	**	**
00312	BOD, 6 DAY, 20 DEG C MG/L	10/25/76-04/24/79	6	2.	2.333	4.	1.	1.867	1.366	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	07/15/81-07/15/81	1	110.	110.	110.	110.	0.	0.	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	05/31/78-09/30/81	4	543.5	556.5	777.	362.	29133.667	170.686	**	**	**	**
00400	PH (STANDARD UNITS)	10/25/76-07/15/81	12	7.85	7.95	8.6	7.6	0.081	0.284	7.63	7.8	8.15	8.51
00400	CONVERTED PH (STANDARD UNITS)	10/25/76-07/15/81	12	7.847	7.882	8.6	7.6	0.086	0.293	7.63	7.8	8.15	8.51
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/25/76-07/15/81	12	0.014	0.013	0.025	0.003	0.	0.006	0.003	0.007	0.016	0.024
00403	PH, LAB, STANDARD UNITS SU	09/30/81-09/30/81	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/30/81-09/30/81	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/81-09/30/81	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/11/78-09/30/81	7	102.	104.143	129.	92.	135.81	11.654	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	07/11/78-09/30/81	8	16.95	15.963	23.2	7.5	33.171	5.759	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	10/25/76-09/30/81	16	39052.	37782.	59894.	16852.	127481153.6	11290.755	20823.8	31105.5	43046.	58663.4
00510	RESIDUE, TOTAL FIXED (MG/L)	10/25/76-07/26/78	5	21906.	23128.8	27118.	20134.	9890579.2	3144.929	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/25/76-09/30/81	13	58.	58.	117.	11.	1296.333	36.005	11.8	18.	94.	108.2
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10/25/76-07/26/78	5	75.	65.8	108.	27.	1115.7	33.402	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/25/76-07/15/81	12	0.285	0.498	1.7	0.025	0.28	0.529	0.025	0.035	0.95	1.49
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/22/77-09/30/81	13	0.036	0.118	0.85	0.01	0.054	0.233	0.012	0.02	0.065	0.63
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/25/76-07/15/81	17	1.1	1.055	2.1	0.2	0.371	0.609	0.2	0.42	1.45	2.02
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/25/76-09/30/81	16 ##	0.5	0.368	0.5	0.005	0.04	0.2	0.005	0.238	0.5	0.5
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/25/76-09/30/81	18	0.32	0.315	1.1	0.01	0.057	0.239	0.1	0.13	0.398	0.551
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/11/78-07/15/81	6	0.235	0.211	0.34	0.005	0.02	0.142	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/15/81-09/30/81	2	36.85	36.85	68.	5.7	1940.645	44.053	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/11/78-09/30/81	8	15000.	16125.	25000.	11500.	21196428.571	4603.958	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/11/78-09/30/81	8	2100.	2053.125	2550.	1525.	134006.696	366.069	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	08/08/77-09/30/81	14 ##	5.	6.143	24.	1.	30.747	5.545	1.	5.	5.	17.
01027	CADMIUM, TOTAL (UG/L AS CD)	10/25/76-09/30/81	17 ##	0.5	1.324	4.	0.5	1.279	1.131	0.5	0.5	2.	3.2
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/25/76-09/30/81	18	14.5	20.306	60.	2.	240.916	15.521	2.45	7.	32.5	39.3
01042	COPPER, TOTAL (UG/L AS CU)	10/25/76-09/30/81	18	34.5	37.833	186.	5.	1611.441	40.143	5.	17.75	39.5	73.5
01045	IRON, TOTAL (UG/L AS FE)	10/30/78-09/30/81	6	40.	98.333	285.	10.	13886.667	117.842	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	10/25/76-09/30/81	18	5.	10.139	45.	1.	111.877	10.577	2.35	5.	11.5	26.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GATE0318

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01055	MANGANESE, TOTAL (UG/L AS MN)	07/11/78-09/30/81	8	60.5	61.125	93.	42.	261.554	16.173	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	07/11/78-09/30/81	7	41.	79.286	194.	8.	6281.238	79.254	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	10/25/76-09/30/81	13	52.	52.385	125.	5.	1223.09	34.973	7.	24.	74.	115.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/25/76-09/30/81	10	20.	80.	330.	10.	12957.556	113.831	10.	10.	155.	320.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/25/76-09/30/81	10	1.301	1.519	2.519	1.	0.342	0.584	1.	1.	2.176	2.503
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			33.025								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/25/76-09/30/81	13	23.	72.846	330.	4.	10996.641	104.865	6.4	10.	80.	306.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/25/76-09/30/81	13	1.362	1.494	2.519	0.602	0.348	0.59	0.761	1.	1.903	2.484
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			31.171								
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	09/22/77-09/30/81	11 ##	1.	47.727	240.	1.	9126.418	95.532	1.	1.	33.	240.
31677	LOG FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678	09/22/77-09/30/81	11 ##	0.	0.634	2.38	0.	0.97	0.985	0.	0.	1.519	2.38
31677	GM FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	GEOMETRIC MEAN =			4.309								
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/11/78-09/30/81	8 ##	0.15	0.144	0.4	0.005	0.015	0.123	**	**	**	**
45501	HYDROCARBON IN WATER, FREON EXT, CHROMAT, IR MG/L	06/29/78-06/14/79	7 ##	0.5	1.071	2.5	0.5	0.952	0.976	**	**	**	**
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	10/25/76-06/14/79	13	1255.	4274.615	11521.	1001.	23150963.756	4811.545	1001.	1069.	11018.5	11413.8
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/11/78-09/30/81	8	27841.	25967.5	28474.	21322.	9846043.143	3137.841	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	10/25/76-09/30/81	18 ##	0.5	0.811	6.6	0.25	2.094	1.447	0.25	0.5	0.5	1.11

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0318

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	12	0	0.00	4	0	0.00	2	0	0.00	6	0	0.00			
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	8	0	0.00	3	0	0.00	1	0	0.00	4	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	6	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00			
00400	PH	Other-Hi Lim.	8.5	12	1	0.07	4	0	0.00	0	0	0.00	8	1	0.13			
		Other-Lo Lim.	6.5	12	0	0.00	4	0	0.00				8	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
01002	ARSENIC, TOTAL	Marine Acute	69.	14	0	0.00	6	0	0.00	1	0	0.00	7	0	0.00			
01027	CADMIUM, TOTAL	Marine Acute	43.	17	0	0.00	7	0	0.00	2	0	0.00	8	0	0.00			
01042	COPPER, TOTAL	Marine Acute	2.9	15 &	15	1.00	5	5	1.00	1	1	1.00	9	9	1.00			
01051	LEAD, TOTAL	Marine Acute	220.	18	0	0.00	7	0	0.00	2	0	0.00	9	0	0.00			
01067	NICKEL, TOTAL	Marine Acute	75.	7	3	0.43	3	1	0.33	1	0	0.00	3	2	0.67			
01092	ZINC, TOTAL	Marine Acute	95.	13	2	0.15	5	1	0.20	2	1	0.50	6	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	10	0	0.00	3	0	0.00	1	0	0.00	6	0	0.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	13	2	0.15	4	1	0.25	1	0	0.00	8	1	0.13			
71900	MERCURY, TOTAL	Marine Acute	2.1	18	1	0.06	7	0	0.00	2	0	0.00	9	1	0.11			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0319

NPS Station ID: GATE0319 LAT/LON: 40.468615/ -74.028338 Agency: 21NJDEP1 Date Created: 04/04/81
Location: SANDY HOOK BAY FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): L7006637186 /918B /SF02038
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02030104 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST MAJOR BASIN Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA ECO Region:
RF1 Index: 02030104013 RF1 Mile Point: 6.360 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J. TIDE CORRECTION (H/L): (-0:01/ 0:00)
ASSOCIATED NOAA WEATHER STATION: 7865

Parameter Inventory for Station: GATE0319

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	52	19.	15.769	25.	0.	58.08	7.621	3.81	8.5	22.	23.3
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	157	19.	19.232	36.	0.	68.787	8.294	8.	12.	26.	29.2
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	171	4.	4.526	20.	0.	12.239	3.498	1.	2.	6.	10.
00480	SALINITY - PARTS PER THOUSAND	06/16/93-04/25/94	5	27.4	26.3	28.1	21.8	6.575	2.564	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	149	29.	276.634	11000.	1.5	986654.097	993.305	1.5	4.	220.	930.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	149	1.462	1.508	4.041	0.176	0.866	0.931	0.176	0.602	2.342	2.968
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			32.207								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	149	7.	66.013	2400.	1.5	59148.655	243.205	1.5	1.5	32.5	93.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	149	0.845	0.978	3.38	0.176	0.582	0.763	0.176	0.176	1.509	1.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.507								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/15/90-05/18/92	18 ##	1.5	28.167	460.	1.5	11618.201	107.788	1.5	1.5	3.6	52.57
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	05/15/90-05/18/92	18 ##	0.176	0.492	2.663	0.176	0.353	0.594	0.176	0.176	0.556	1.043
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			3.103								
31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	08/10/73-12/01/78	14	3.5	3.5	4.	3.	0.269	0.519	3.	3.	4.	4.
31678	LOG FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATI	08/10/73-12/01/78	14	0.54	0.54	0.602	0.477	0.004	0.065	0.477	0.477	0.602	0.602
31678	GM FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATIO	GEOMETRIC MEAN =			3.464								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	172	11112.	6761.837	11619.	1010.	24525853.237	4952.358	1225.	1367.75	11232.75	11412.7

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0319

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	149	11	0.07	38	2	0.05	43	4	0.09	68	5	0.07			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	149	11	0.07	38	0	0.00	43	6	0.14	68	5	0.07			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1973 - Station GATE0319

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	7	5.	6.	12.	3.	8.	2.828	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	7	15.	201.429	1100.	1.5	164290.869	405.328	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	7	1.176	1.363	3.041	0.176	1.157	1.076	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			23.042								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	7 ##	1.5	13.286	43.	1.5	265.405	16.291	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	7 ##	0.176	0.717	1.633	0.176	0.465	0.682	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.217								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	7	1530.	5592.857	11215.	1045.	27359857.143	5230.665	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GATE0319

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	5	5.	6.8	20.	0.	61.7	7.855	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	5	460.	677.2	2400.	23.	973144.7	986.481	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	5	2.663	2.34	3.38	1.362	0.687	0.829	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			218.869								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	5	150.	134.9	240.	1.5	12140.3	110.183	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	5	2.176	1.749	2.38	0.176	0.867	0.931	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			56.133								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	5	1345.	3347.	11430.	1215.	20423057.5	4519.188	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GATE0319

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	10	26.	24.9	30.	10.	32.1	5.666	11.4	24.	28.25	29.9
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	9	3.	4.111	15.	1.	21.361	4.622	1.	1.	5.5	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	10	43.	99.95	460.	1.5	21176.469	145.521	1.75	6.25	129.75	438.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	10	1.633	1.505	2.663	0.176	0.633	0.795	0.219	0.784	2.071	2.635
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			31.961								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	10	6.5	34.	240.	1.5	5416.556	73.597	1.5	1.5	28.	220.3
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	10	0.778	0.881	2.38	0.176	0.578	0.76	0.176	0.176	1.43	2.306
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.607								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	10	11230.	9299.5	11530.	1230.	17942280.278	4235.833	1237.	8725.	11358.75	11517.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GATE0319

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	7	16.	19.	32.	6.	95.667	9.781	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	7	5.	4.143	10.	0.	10.81	3.288	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	7	150.	202.429	460.	9.	37115.619	192.654	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	7	2.176	2.01	2.663	0.954	0.428	0.654	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			102.425								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	7	23.	97.357	240.	1.5	12071.226	109.869	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	7	1.362	1.491	2.38	0.176	0.767	0.876	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			30.986								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	7	11200.	7007.143	11330.	1245.	27876432.143	5279.814	**	**	**	**

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Annual Analysis for 1979 - Station GATE0319

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	9	26.	26.556	36.	15.	45.778	6.766	15.	22.	32.	36.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	9	5.	4.889	10.	2.	6.611	2.571	2.	2.5	6.5	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	9	23.	314.111	2400.	9.	616937.861	785.454	9.	23.	141.5	2400.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	9	1.362	1.714	3.38	0.954	0.538	0.734	0.954	1.362	2.007	3.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			51.794								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	9	9.	283.444	2400.	1.5	630806.715	794.233	1.5	2.75	58.	2400.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	9	0.954	1.155	3.38	0.176	1.028	1.014	0.176	0.389	1.665	3.38
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			14.296								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	9	11200.	6858.333	11445.	1215.	27841850.	5276.538	1215.	1272.5	11337.5	11445.

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Annual Analysis for 1980 - Station GATE0319

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	6	18.5	17.167	28.	0.	108.967	10.439	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	6	1.5	3.	10.	0.	16.	4.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	6	22.	268.083	1100.	1.5	198273.842	445.28	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	6	1.342	1.507	3.041	0.176	1.315	1.147	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			32.128								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	6	4.	45.917	240.	1.5	9104.442	95.417	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	6	0.602	0.933	2.38	0.176	0.656	0.81	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.575								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	6	11300.	8029.167	11500.	1215.	27002184.167	5196.363	**	**	**	**

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Annual Analysis for 1981 - Station GATE0319

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	11	15.	16.364	30.	6.	70.255	8.382	6.2	9.	23.	29.8
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	11	3.	3.636	10.	0.	10.055	3.171	0.	1.	7.	9.4
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	11	43.	179.545	1100.	1.5	108431.623	329.29	1.5	3.	240.	958.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	11	1.633	1.43	3.041	0.176	1.077	1.038	0.176	0.477	2.38	2.951
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			26.941								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	11	7.	17.682	93.	1.5	767.164	27.698	1.5	1.5	15.	83.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	11	0.845	0.863	1.968	0.176	0.358	0.598	0.176	0.176	1.176	1.901
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.297								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	11	1415.	4031.182	11230.	1150.	21328060.364	4618.231	1160.	1255.	11200.	11230.

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Annual Analysis for 1982 - Station GATE0319

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	10	17.	17.7	35.	9.	59.344	7.704	9.2	11.75	20.5	34.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	10	5.	4.9	8.	1.	4.989	2.234	1.2	3.	6.5	8.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	10	101.5	233.6	1100.	4.	109114.489	330.325	5.1	36.	287.5	1033.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	10	2.005	1.976	3.041	0.602	0.5	0.707	0.659	1.519	2.444	3.001
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			94.576								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	10	39.5	41.15	91.	1.5	1149.003	33.897	2.25	9.	77.5	91.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	10	1.595	1.387	1.959	0.176	0.324	0.569	0.254	0.954	1.887	1.959
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			24.352								

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Annual Analysis for 1982 - Station GATE0319

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	10	6337.5	6317.5	11426.	1240.	27459404.278	5240.172	1246.5	1319.25	11265.25	11413.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station GATE0319

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	11	16.	17.727	29.	7.	47.018	6.857	7.8	12.	23.	28.4
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	11	5.	5.273	10.	1.	11.018	3.319	1.2	2.	8.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	11	91.	1159.455	11000.	4.	10723688.873	3274.704	4.6	7.	230.	8986.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	11	1.959	1.892	4.041	0.602	1.126	1.061	0.651	0.845	2.362	3.827
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			78.071								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	11	15.	100.727	930.	1.5	76008.768	275.697	1.5	3.	36.	756.8
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	11	1.176	1.139	2.968	0.176	0.669	0.818	0.176	0.477	1.556	2.736
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			13.778								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	11	1518.	5867.455	11515.	1203.	27158617.673	5211.393	1207.4	1225.	11340.	11494.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GATE0319

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	15	17.	16.933	30.	4.	69.924	8.362	5.2	8.	23.	29.4
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	15	5.	5.867	12.	1.	13.695	3.701	1.6	3.	10.	11.4
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	15	43.	390.833	2400.	1.5	441559.917	664.5	3.	4.	930.	1518.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	15	1.633	1.748	3.38	0.176	1.107	1.052	0.432	0.602	2.968	3.133
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			55.997								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	15	15.	112.433	930.	1.5	63415.602	251.825	2.4	4.	43.	630.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	15	1.176	1.264	2.968	0.176	0.683	0.827	0.357	0.602	1.633	2.767
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			18.366								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	15	11101.	7291.667	11334.	1241.	24416447.81	4941.3	1291.4	1528.	11212.	11319.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GATE0319

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	10	18.5	19.6	31.	9.	59.378	7.706	9.1	13.	26.5	30.7
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	10	4.5	4.6	9.	1.	8.489	2.914	1.1	2.	8.	8.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	9	4.	46.833	230.	1.5	5693.188	75.453	1.5	1.5	68.	230.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	9	0.602	1.037	2.362	0.176	0.742	0.861	0.176	0.176	1.801	2.362
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			10.88								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	9 ##	1.5	16.556	93.	1.5	1007.59	31.743	1.5	1.5	23.5	93.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	9 ##	0.176	0.585	1.968	0.176	0.502	0.709	0.176	0.176	1.118	1.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.842								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	10	11123.	7232.9	11309.	1127.	26194840.1	5118.089	1139.2	1318.	11237.	11303.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GATE0319

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	10	13.5	17.3	32.	4.	121.122	11.006	4.2	7.5	29.	31.7
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	10	3.	4.8	12.	1.	19.067	4.367	1.	1.75	10.25	11.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	9	29.	315.556	2400.	4.	616097.028	784.918	4.	9.	161.5	2400.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	9	1.462	1.629	3.38	0.602	0.729	0.854	0.602	0.943	2.165	3.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			42.512								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	9	11.	134.889	1100.	1.5	131167.799	362.171	1.5	2.75	33.	1100.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	9	1.041	1.138	3.041	0.176	0.775	0.88	0.176	0.389	1.498	3.041
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			13.73								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	10	6179.5	6212.	11548.	1115.	28180350.	5308.517	1117.1	1190.75	11175.25	11518.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GATE0319

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	7	15.	17.286	33.	9.	69.571	8.341	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	10	2.	3.6	9.	1.	10.933	3.307	1.	1.	8.	8.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	7	43.	49.929	150.	1.5	2940.036	54.222	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	7	1.633	1.338	2.176	0.176	0.532	0.729	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			21.775								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	7	4.	19.714	93.	1.5	1102.488	33.204	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	7	0.602	0.847	1.968	0.176	0.43	0.656	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.028								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	10	11133.5	8279.	11412.	1246.	22278613.333	4720.023	1274.5	1543.	11233.75	11402.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GATE0319

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	8	21.	19.	31.	2.	114.857	10.717	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	8	4.	4.75	12.	1.	11.357	3.37	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	8	14.5	42.125	230.	1.5	5941.196	77.079	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	8	1.161	1.123	2.362	0.176	0.525	0.725	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			13.28								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	8	9.	12.875	43.	1.5	192.625	13.879	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	8	0.954	0.882	1.633	0.176	0.258	0.508	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.619								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	8	6232.5	6307.625	11430.	1314.	27737210.554	5266.613	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0319

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	7	18.	17.571	29.	1.	97.952	9.897	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	7	2.	3.143	8.	1.	7.143	2.673	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	7	23.	201.643	1100.	1.5	163417.226	404.249	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	7	1.362	1.488	3.041	0.176	0.923	0.961	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			30.786								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	7	4.	21.929	93.	1.5	1199.702	34.637	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	7	0.602	0.884	1.968	0.176	0.426	0.653	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.652								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0319

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	7	1453.	5635.571	11354.	1320.	27870929.619	5279.293	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0319

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	8	19.5	20.5	31.	10.	70.857	8.418	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	8	3.5	3.625	8.	1.	5.696	2.387	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	2	5.	5.	7.	3.	8.	2.828	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	2	0.661	0.661	0.845	0.477	0.068	0.26	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			4.583								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	2 ##	0.176	0.176	0.176	0.176	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.5								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	8	6241.	6237.375	11340.	1231.	27959503.125	5287.675	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0319

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	8	17.5	18.625	30.	11.	50.268	7.09	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	8	6.5	6.125	12.	1.	17.839	4.224	**	**	**	**
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	8	11140.5	7569.75	11459.	1226.	26142376.5	5112.962	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0319

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	7	22.	19.	28.	7.	77.333	8.794	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	7	4.	4.429	12.	1.	13.619	3.69	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	3 ##	1.5	15.333	43.	1.5	574.083	23.96	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	3 ##	0.176	0.662	1.633	0.176	0.708	0.841	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			4.591								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	3 ##	1.5	2.333	4.	1.5	2.083	1.443	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	3 ##	0.176	0.318	0.602	0.176	0.06	0.246	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.08								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	7	11037.	6945.857	11400.	1038.	27930310.476	5284.913	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station GATE0319

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	5	25.	25.4	27.	24.	1.3	1.14	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	5	4.	3.6	5.	1.	2.3	1.517	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	5	3.	6.	20.	1.5	62.375	7.898	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	5	0.477	0.546	1.301	0.176	0.213	0.461	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			3.519								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station GATE0319

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	5	3.	5.	15.	1.5	32.375	5.69	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	5	0.477	0.521	1.176	0.176	0.169	0.411	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.323								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	5	11346.	9286.6	11619.	1010.	21450530.8	4631.472	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station GATE0319

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	6	18.5	18.5	24.	13.	19.5	4.416	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	6	1.	1.5	4.	0.	1.9	1.378	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	6	23.	198.667	1100.	1.5	195220.167	441.837	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	6	1.362	1.292	3.041	0.176	1.135	1.066	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			19.577								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	6 ##	2.75	4.083	9.	1.5	10.542	3.247	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	6 ##	0.389	0.488	0.954	0.176	0.13	0.36	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.078								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	6	11145.	8071.333	11608.	1542.	25611005.867	5060.732	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station GATE0319

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	2	20.25	20.25	26.5	14.	78.125	8.839	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	2	4.5	4.5	8.	1.	24.5	4.95	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	2 ##	2.75	2.75	4.	1.5	3.125	1.768	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	2 ##	0.389	0.389	0.602	0.176	0.091	0.301	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			2.449								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	2 ##	0.176	0.176	0.176	0.176	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.5								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	2	6341.5	6341.5	11238.	1445.	47951424.5	6924.697	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0319

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	13	23.3	22.585	25.	16.	5.721	2.392	17.6	21.85	23.95	25.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	36	23.	22.194	36.	7.	44.447	6.667	13.1	17.25	26.75	30.3
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	45	4.	4.822	12.	0.	9.559	3.092	1.	2.5	6.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	38	21.5	107.855	1100.	1.5	64456.026	253.882	1.5	4.	43.	259.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	38	1.331	1.272	3.041	0.176	0.673	0.82	0.176	0.602	1.633	2.406
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			18.701								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	38	4.	16.961	93.	1.5	648.519	25.466	1.5	1.5	23.	47.8
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	38	0.602	0.816	1.968	0.176	0.368	0.607	0.176	0.176	1.362	1.666
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.545								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	45	11047.	6834.667	11426.	1045.	24424161.409	4942.081	1225.	1436.	11210.5	11350.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0319

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	14	5.3	5.029	10.	0.	9.487	3.08	0.3	2.075	8.	9.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	47	10.	10.085	17.	0.	17.384	4.169	4.	8.	13.	16.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	52	4.	4.769	20.	0.	18.612	4.314	1.	1.	8.	10.7
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	43	75.	299.698	2400.	1.5	298180.43	546.059	2.1	21.	390.	1032.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	43	1.875	1.825	3.38	0.176	0.774	0.88	0.297	1.322	2.591	3.012
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			66.817								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	43	23.	81.302	1100.	1.5	31409.49	177.227	1.5	3.	91.	240.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	43	1.362	1.268	3.041	0.176	0.671	0.819	0.176	0.477	1.959	2.38
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			18.525								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	52	1537.5	5942.827	11608.	1038.	25081345.558	5008.128	1219.7	1329.25	11232.75	11430.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0319

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	25	20.	18.24	23.	10.	16.607	4.075	11.6	16.	21.5	22.4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	74	26.	23.601	35.	10.	37.185	6.098	14.5	18.75	28.	30.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	74	3.	4.176	15.	0.	9.517	3.085	1.	2.	5.25	8.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	68	23.	356.368	11000.	1.5	1934010.408	1390.687	1.5	4.	93.	930.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	68	1.362	1.439	4.041	0.176	0.955	0.977	0.176	0.602	1.968	2.968
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			27.508								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	68	4.	83.757	2400.	1.5	108774.795	329.81	1.5	1.5	15.	93.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-06/16/95	68	0.602	0.885	3.38	0.176	0.585	0.765	0.176	0.176	1.176	1.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.682								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	75	11137.	7285.987	11619.	1010.	24113312.094	4910.531	1212.6	1345.	11252.	11424.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0320

NPS Station ID: GATE0320
LAT/LON: 40.438337/ -74.028338
Agency: REGII208
Date Created: 05/25/78
Location: RARITAN BAY
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): NYC001R4 /R4
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030104
Depth of Water: 18
Aquifer:
Major Basin: 1.5 MI OFFSHR ATL HIGHLD
Elevation: 0
Water Body Id:
Minor Basin: PIER-MIDWAY SHOOK_NAVY PIER
ECO Region:
RF1 Index: 02030104006
RF1 Mile Point: 5.910
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0320

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/16/75-07/26/77	22	18.2	15.518	25.	1.8	63.451	7.966	2.5	4.875	21.525	23.71
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/16/75-10/02/75	10	34000.	31340.	36000.	22100.	27793777.778	5271.98	22390.	25000.	35250.	36000.
00300	OXYGEN, DISSOLVED MG/L	09/17/75-07/26/77	20	7.15	8.005	13.8	2.2	8.135	2.852	4.49	5.7	10.6	10.69
00310	BOD, 5 DAY, 20 DEG C MG/L	09/16/75-07/26/77	9	2.2	2.444	5.3	0.7	1.87	1.368	0.7	1.5	3.3	5.3
00400	PH (STANDARD UNITS)	09/16/75-12/17/76	6	7.6	7.533	7.8	7.	0.079	0.28	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/16/75-12/17/76	6	7.6	7.44	7.8	7.	0.089	0.298	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/16/75-12/17/76	6	0.025	0.036	0.1	0.016	0.001	0.032	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	09/16/75-10/02/75	10	25.	22.73	26.5	15.5	15.449	3.931	15.74	18.35	25.25	26.45
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/16/75-07/26/77	9	9.	11.333	21.	3.	38.	6.164	3.	6.5	17.	21.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/16/75-07/26/77	9	0.23	0.244	0.45	0.055	0.018	0.133	0.055	0.138	0.36	0.45
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/16/75-07/26/77	9	0.041	0.045	0.08	0.013	0.001	0.024	0.013	0.025	0.07	0.08
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/16/75-07/26/77	9	0.23	0.224	0.51	0.03	0.023	0.15	0.03	0.08	0.315	0.51
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/16/75-07/26/77	9	0.93	0.903	1.18	0.68	0.022	0.15	0.68	0.79	0.995	1.18
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/16/75-07/26/77	9	0.21	0.239	0.45	0.14	0.013	0.113	0.14	0.15	0.325	0.45
00940	CHLORIDE,TOTAL IN WATER MG/L	09/23/75-07/26/77	13	14500.	14715.385	15300.	14100.	163076.923	403.828	14180.	14450.	15150.	15260.
01027	CADMIUM, TOTAL (UG/L AS CD)	12/17/76-12/17/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	12/17/76-12/17/76	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	12/17/76-12/17/76	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	12/17/76-12/17/76	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	12/17/76-12/17/76	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	12/17/76-12/17/76	1	41.	41.	41.	41.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/16/75-07/26/77	9	230.	1058.889	7900.	50.	6593536.111	2567.788	50.	95.	330.	7900.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/16/75-07/26/77	9	2.362	2.41	3.898	1.699	0.398	0.631	1.699	1.972	2.519	3.898
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			256.961								
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	09/16/75-07/26/77	9	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	09/16/75-07/26/77	9	0.699	0.699	0.699	0.699	0.	0.	0.699	0.699	0.699	0.699
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			5.								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	09/16/75-07/26/77	9	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	09/16/75-07/26/77	9	0.699	0.699	0.699	0.699	0.	0.	0.699	0.699	0.699	0.699
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			5.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/16/75-07/26/77	9	50.	153.333	700.	10.	51575.	227.101	10.	25.	220.	700.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/16/75-07/26/77	9	1.699	1.812	2.845	1.	0.377	0.614	1.	1.301	2.28	2.845
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			64.865								
32230	CHLOROPHYLL A (MG/L)	10/02/75-10/02/75	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/16/75-07/26/77	9	0.067	0.078	0.147	0.059	0.001	0.027	0.059	0.065	0.08	0.147
71900	MERCURY, TOTAL (UG/L AS HG)	12/17/76-12/17/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0320

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	20	1	0.05	8	0	0.00	6	0	0.00	6	1	0.17			
00400	PH	Other-Hi Lim.	9.	6	0	0.00	3	0	0.00	3	0	0.00						
		Other-Lo Lim.	6.5	6	0	0.00	3	0	0.00	3	0	0.00						
01027	CADMIUM, TOTAL	Marine Acute	43.	1	0	0.00				1	0	0.00						
01042	COPPER, TOTAL	Marine Acute	2.9	1	1	1.00				1	1	1.00						
01051	LEAD, TOTAL	Marine Acute	220.	1	0	0.00				1	0	0.00						
01067	NICKEL, TOTAL	Marine Acute	75.	1	0	0.00				1	0	0.00						
01092	ZINC, TOTAL	Marine Acute	95.	1	0	0.00				1	0	0.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	9	1	0.11	3	1	0.33	3	0	0.00	3	0	0.00			
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	9	0	0.00	3	0	0.00	3	0	0.00	3	0	0.00			
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	9	0	0.00	3	0	0.00	3	0	0.00	3	0	0.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	9	2	0.22	3	1	0.33	3	1	0.33	3	0	0.00			
71900	MERCURY, TOTAL	Marine Acute	2.1	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0321

NPS Station ID: GATE0321 LAT/LON: 40.475003/ -74.028338 Agency: 31ISC2RS Date Created: / /
Location: SANDY HOOK BAY NEAR SANDY HOOK POINT FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): RSH-3 /RB-03 /RB03 /4403
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02030104 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METROPOLITAN AREA ECO Region:
RF1 Index: 02030104013 RF1 Mile Point: 6.610 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:
FLASHING GREEN BUOY "17" IN SANDY HOOK CHANNEL, WEST OF SANDY HOOK POINT

Parameter Inventory for Station: GATE0321

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/71-08/02/77	18	21.	21.361	25.	18.5	2.077	1.441	19.67	20.6	22.275	23.2
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/12/71-07/22/71	8	17.5	18.25	28.	12.	26.786	5.175	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/02/77-08/02/77	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/02/77-08/02/77	1	43000.	43000.	43000.	43000.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/12/71-08/02/77	18	7.9	8.056	10.	6.	1.239	1.113	6.63	7.175	8.775	9.91
00400	PH (STANDARD UNITS)	07/12/71-07/26/71	16	7.55	7.431	8.	6.7	0.121	0.348	6.91	7.125	7.675	7.86
00400	CONVERTED PH (STANDARD UNITS)	07/12/71-07/26/71	16	7.547	7.289	8.	6.7	0.142	0.377	6.91	7.125	7.675	7.86
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/12/71-07/26/71	16	0.028	0.051	0.2	0.01	0.002	0.049	0.014	0.021	0.075	0.13
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/12/71-07/19/71	2	3.03	3.03	3.96	2.1	1.73	1.315	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/12/71-07/26/71	8	0.08	0.174	0.9	0.04	0.087	0.294	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/12/71-07/26/71	8	0.41	0.429	0.56	0.28	0.01	0.098	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/12/71-08/02/77	14	8.	8.	16.	3.	9.077	3.013	4.	6.	9.	13.5
00690	CARBON, TOTAL (MG/L AS C)	07/12/71-08/02/77	14	34.	33.571	40.	27.	7.648	2.766	29.	33.	34.	38.
00940	CHLORIDE,TOTAL IN WATER MG/L	07/12/71-07/22/71	15	14500.	14500.	16000.	12500.	1035714.286	1017.7	12800.	13500.	15000.	16000.
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/02/77-08/02/77	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	07/12/71-08/02/77	8	0.5	0.625	1.	0.4	0.056	0.238	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/02/77-08/02/77	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/12/71-08/02/77	8 ##	5.	4.688	5.	2.5	0.781	0.884	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	08/02/77-08/02/77	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/12/71-08/02/77	8	62.	62.875	90.	40.	294.125	17.15	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	08/02/77-08/02/77	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/19/71-08/02/77	5	4.	12.4	40.	2.	252.8	15.9	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	08/02/77-08/02/77	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	07/12/71-08/02/77	8	33.	43.625	106.	15.	1057.696	32.522	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/02/77-08/02/77	1	103.	103.	103.	103.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	07/12/71-08/02/77	8	79.	76.625	171.	12.	3162.554	56.237	**	**	**	**
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	08/02/77-08/02/77	1	1900.	1900.	1900.	1900.	0.	0.	**	**	**	**
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	08/02/77-08/02/77	1	3.279	3.279	3.279	3.279	0.	0.	**	**	**	**
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1900.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/12/71-07/26/71	16	25.	29.438	92.	0.	686.796	26.207	2.1	6.	51.5	66.8
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/12/71-07/26/71	16	1.385	1.223	1.964	0.	0.315	0.562	0.334	0.778	1.711	1.813
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			16.721								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/02/77-08/02/77	1	15.	15.	15.	15.	0.	0.	**	**	**	**
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	08/02/77-08/02/77	1	7.	7.	7.	7.	0.	0.	**	**	**	**
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	08/02/77-08/02/77	1	18.	18.	18.	18.	0.	0.	**	**	**	**
32230	CHLOROPHYLL A (MG/L)	07/13/71-07/20/71	2	0.02	0.02	0.021	0.019	0.	0.001	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GATE0321

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70204	TIDE, DURATION BETWEEN ADJ. HIGHS OR LOWS (HOURS)	07/12/71-07/26/71	17	12.5	12.459	12.6	12.2	0.023	0.15	12.28	12.3	12.6	12.6
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	07/12/71-07/26/71	17	11244.	11141.118	11958.	10001.	462541.735	680.104	10022.6	10622.	11706.5	11929.2
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/12/71-07/26/71	8	0.11	0.108	0.13	0.07	0.	0.019	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	07/13/71-08/02/77	7	0.2	0.179	0.4	0.05	0.013	0.115	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0321

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	8	0	0.00							8	0	0.00			
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	18	0	0.00	1	0	0.00				17	0	0.00			
00400	PH	Other-Hi Lim.	9.	16	0	0.00							16	0	0.00			
		Other-Lo Lim.	6.5	16	0	0.00							16	0	0.00			
01025	CADMIUM, DISSOLVED	Marine Acute	43.	1	0	0.00	1	0	0.00									
01027	CADMIUM, TOTAL	Marine Acute	43.	8	0	0.00	1	0	0.00				7	0	0.00			
01040	COPPER, DISSOLVED	Marine Acute	2.9	1	1	1.00	1	1	1.00									
01042	COPPER, TOTAL	Marine Acute	2.9	8	8	1.00	1	1	1.00				7	7	1.00			
01049	LEAD, DISSOLVED	Marine Acute	220.	1	0	0.00	1	0	0.00									
01051	LEAD, TOTAL	Marine Acute	220.	5	0	0.00	1	0	0.00				4	0	0.00			
01065	NICKEL, DISSOLVED	Marine Acute	75.	1	0	0.00	1	0	0.00									
01067	NICKEL, TOTAL	Marine Acute	75.	8	2	0.25	1	0	0.00				7	2	0.29			
01090	ZINC, DISSOLVED	Marine Acute	95.	1	1	1.00	1	1	1.00									
01092	ZINC, TOTAL	Marine Acute	95.	8	2	0.25	1	1	1.00				7	1	0.14			
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	1	1	1.00	1	1	1.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	16	0	0.00							16	0	0.00			
71900	MERCURY, TOTAL	Marine Acute	2.1	7	0	0.00	1	0	0.00				6	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0322

NPS Station ID: GATE0322 LAT/LON: 40.473615/ -74.028615 Agency: 21NJDEP1 Date Created: 08/22/81
Location: RARITAN BAY FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): L7007637217 /78 /SF01025
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02030104 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST MAJOR BASIN Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA ECO Region:
RF1 Index: 02030104013 RF1 Mile Point: 6.460 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J. TIDE CORRECTION (H/L): (-0:01/ 0:00)
ASSOCIATED NOAA WEATHER STATION: 7865

Parameter Inventory for Station: GATE0322

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/01/75-09/01/81	39	20.	18.644	25.	1.	37.841	6.152	5.6	17.8	22.	24.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-09/01/81	29	24.	25.276	34.	19.	17.493	4.182	20.	22.	28.	33.
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-09/01/81	34	5.	5.088	10.	1.	8.81	2.968	1.5	2.75	7.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-09/01/81	39	27.	219.282	2400.	1.5	217448.287	466.314	1.5	4.	240.	1100.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-09/01/81	39	1.431	1.507	3.38	0.176	0.89	0.944	0.176	0.602	2.38	3.041
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			32.166								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-09/01/81	39	4.	43.923	460.	1.5	11517.494	107.32	1.5	1.5	23.	93.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-09/01/81	39	0.602	0.867	2.663	0.176	0.596	0.772	0.176	0.176	1.362	1.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.358								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-09/01/81	39	1445.	5413.077	11600.	1130.	24460367.915	4945.742	1200.	1315.	11200.	11415.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0322

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	39	4	0.10	17	0	0.00				22	4	0.18			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	39	3	0.08	17	1	0.06				22	2	0.09			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0322

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/01/75-09/01/81	17	22.	20.971	25.	17.	5.515	2.348	17.	19.	22.25	24.2
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-09/01/81	15	5.	5.	10.	1.	6.143	2.478	2.2	3.	5.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-09/01/81	17	27.	118.971	460.	1.5	23465.921	153.186	1.5	3.	195.	460.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-09/01/81	17	1.431	1.449	2.663	0.176	0.88	0.938	0.176	0.477	2.278	2.663
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			28.132								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-09/01/81	17	9.	32.971	240.	1.5	3712.515	60.93	1.5	1.5	31.	122.4
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-09/01/81	17	0.954	0.948	2.38	0.176	0.529	0.728	0.176	0.176	1.476	2.051
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.88								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-09/01/81	17	1445.	4327.647	11500.	1200.	22103681.618	4701.455	1212.	1357.5	11300.	11456.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0322

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/01/75-09/01/81	22	18.45	16.845	25.	1.	56.503	7.517	4.4	13.4	22.325	24.7
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-09/01/81	19	5.	5.158	10.	1.	11.363	3.371	1.	2.	9.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-09/01/81	22	32.	296.795	2400.	1.5	361158.873	600.965	3.	4.	240.	1100.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-09/01/81	22	1.478	1.552	3.38	0.176	0.936	0.967	0.477	0.602	2.38	3.041
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			35.674								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-09/01/81	22 ##	2.75	52.386	460.	1.5	17840.451	133.568	1.5	1.5	23.	349.9
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-09/01/81	22 ##	0.389	0.804	2.663	0.176	0.666	0.816	0.176	0.176	1.362	2.454
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.362								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-09/01/81	22	6257.5	6251.818	11600.	1130.	25729984.632	5072.473	1200.	1237.5	11200.	11380.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0323

NPS Station ID: GATE0323
LAT/LON: 40.425559/ -74.030004
Agency: 21NJDEP1
Date Created: 04/04/81
Location: SANDY HOOK BAY
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): L6999936926 /910A /SF02007 /C8
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST MAJOR BASIN
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA
ECO Region:
RF1 Index: 02030104006
RF1 Mile Point: 6.210
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J.
TIDE CORRECTION (H/L): (-0:01/ 0:00)
ASSOCIATED NOAA WEATHER STATION: 7865

Parameter Inventory for Station: GATE0323

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GATE0324

NPS Station ID: GATE0324
LAT/LON: 40.491670/ -74.030560
Agency: 11NOAMID
Date Created: 11/15/78
Location: RARITAN BAY
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): RARB12
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON NEW YORK METRO AREA
ECO Region:
RF1 Index: 02030104
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
TRACE METALS IN SEDIMENTS OF RARITAN BAY - GREIG AND MCGRATH - NOAA NATL MAR FISH SERV - MID ATLANTIC COAST FISH CEN MILFORD CT 1973 MARINE POLLUTION BULLETIN VOL 8 NO 8 AUG 1977

Parameter Inventory for Station: GATE0324

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	2 ##	6.75	6.75	13.	0.5	78.125	8.839	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	2	32.	32.	58.	6.	1352.	36.77	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	02/01/73-05/01/73	2	54.5	54.5	96.	13.	3444.5	58.69	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	02/01/73-05/01/73	2	126.	126.	236.	16.	24200.	155.563	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	2	19.3	19.3	30.	8.6	228.98	15.132	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	02/01/73-05/01/73	2	112.5	112.5	180.	45.	9112.5	95.459	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GATE0325

NPS Station ID: GATE0325 LAT/LON: 40.482226/ -74.030560 Agency: 21NJDEP1 Date Created: 08/22/81
Location: RARITAN BAY FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): L7010037270 /73 /SF01026
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02030104 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST MAJOR BASIN Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA ECO Region:
RF1 Index: 02030104 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J. TIDE CORRECTION (H/L): (-0:01/ 0:00)
ASSOCIATED NOAA WEATHER STATION: 7865

Parameter Inventory for Station: GATE0325

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/01/75-09/01/81	39	20.	18.874	25.	4.4	31.561	5.618	5.6	17.8	22.	24.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-09/01/81	29	24.	25.276	34.	19.	17.493	4.182	20.	22.	28.	33.
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-09/01/81	34	5.	5.088	10.	1.	8.81	2.968	1.5	2.75	7.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-09/01/81	39	43.	178.756	2400.	1.5	173279.498	416.269	1.5	9.	240.	460.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-09/01/81	39	1.633	1.566	3.38	0.176	0.736	0.858	0.176	0.954	2.38	2.663
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			36.829								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-09/01/81	39	9.	66.064	1100.	1.5	36575.239	191.247	1.5	3.	23.	240.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-09/01/81	39	0.954	1.04	3.041	0.176	0.565	0.751	0.176	0.477	1.362	2.38
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.966								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-09/01/81	39	1445.	5413.077	11600.	1130.	24460367.915	4945.742	1200.	1315.	11200.	11415.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0325

				Total	Exceed	Prop.	----------8/01-10/31----------			----------11/01-3/31----------			----------4/01-7/31----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	39	2	0.05	17	1	0.06				22	1	0.05			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	39	4	0.10	17	1	0.06				22	3	0.14			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0325

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/01/75-09/01/81	17	22.	20.971	25.	17.	5.515	2.348	17.	19.	22.25	24.2
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-09/01/81	15	5.	5.	10.	1.	6.143	2.478	2.2	3.	5.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-09/01/81	17	75.	153.588	1100.	1.5	74275.476	272.535	1.5	9.	195.	588.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-09/01/81	17	1.875	1.582	3.041	0.176	0.733	0.856	0.176	0.954	2.278	2.738
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			38.182								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-09/01/81	17	15.	48.324	460.	1.5	11972.498	109.419	1.5	3.5	43.	166.4
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-09/01/81	17	1.176	1.109	2.663	0.176	0.503	0.709	0.176	0.54	1.633	2.107
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.861								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-09/01/81	17	1445.	4327.647	11500.	1200.	22103681.618	4701.455	1212.	1357.5	11300.	11456.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0325

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/01/75-09/01/81	22	18.45	17.255	25.	4.4	46.603	6.827	4.76	14.5	22.325	24.7
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-09/01/81	19	5.	5.158	10.	1.	11.363	3.371	1.	2.	9.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-09/01/81	22	43.	198.205	2400.	1.5	256053.516	506.017	1.5	9.	240.	394.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-09/01/81	22	1.633	1.554	3.38	0.176	0.772	0.879	0.176	0.954	2.38	2.578
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			35.816								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-09/01/81	22	8.	79.773	1100.	1.5	56610.208	237.929	1.5	1.5	23.	240.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-09/01/81	22	0.9	0.987	3.041	0.176	0.632	0.795	0.176	0.176	1.362	2.38
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.696								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-09/01/81	22	6257.5	6251.818	11600.	1130.	25729984.632	5072.473	1200.	1237.5	11200.	11380.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0326

NPS Station ID: GATE0326
LAT/LON: 40.493615/ -74.031116
Agency: 1111H030
Date Created: / /
Location: RARITAN BAY (12)
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): 402937007401520/012 /12
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030104
Depth of Water: 16
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-N.Y. METROPOLI
ECO Region:
RF1 Index: 02030104
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0326

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/07/62-01/23/68	60	17.25	14.8	23.9	0.4	51.8	7.197	2.52	8.525	20.775	22.39
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/07/62-07/29/64	54	19.	17.5	33.	1.	84.519	9.193	2.	12.75	25.25	28.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/23/63-06/01/67	6	33600.	33016.667	39000.	25300.	19497666.667	4415.616	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/07/62-01/23/68	60	7.7	8.38	13.8	5.2	4.22	2.054	5.92	6.625	10.	11.07
00310	BOD, 5 DAY, 20 DEG C MG/L	03/30/64-01/23/68	3	2.2	2.1	2.5	1.6	0.21	0.458	**	**	**	**
00400	PH (STANDARD UNITS)	06/01/67-06/01/67	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/01/67-06/01/67	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/01/67-06/01/67	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	06/08/64-06/08/64	2	9706.	9706.	9847.	9565.	39762.	199.404	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/23/68-01/23/68	1	0.36	0.36	0.36	0.36	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/07/62-06/01/67	63	14600.	14502.381	17500.	11100.	1326647.465	1151.802	13100.	14000.	15200.	15860.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/07/62-01/23/68	31	390.	1061.484	7400.	5.	2854058.591	1689.396	22.	70.	1000.	3840.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/07/62-01/23/68	31	2.591	2.465	3.869	0.699	0.678	0.824	1.336	1.845	3.	3.584
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			291.648								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/07/62-06/01/67	55	540.	930.345	5400.	5.	992618.49	996.302	79.	220.	1600.	1840.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/07/62-06/01/67	55	2.732	2.651	3.732	0.699	0.423	0.651	1.898	2.342	3.204	3.259
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			447.449								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/07/62-06/01/67	55	230.	436.364	2300.	1.	319681.902	565.404	16.	50.	490.	1600.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/07/62-06/01/67	55	2.362	2.19	3.362	0.	0.623	0.789	1.181	1.699	2.69	3.204
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			154.723								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/63-01/23/68	23	30.	90.87	410.	2.	14497.028	120.404	2.	8.	150.	296.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/63-01/23/68	23	1.477	1.489	2.613	0.301	0.54	0.735	0.301	0.903	2.176	2.471
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			30.826								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/07/62-02/06/64	54	16.	120.407	2100.	2.	124674.887	353.093	2.	5.	60.	335.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/07/62-02/06/64	54	1.204	1.264	3.322	0.301	0.626	0.791	0.301	0.699	1.778	2.521
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			18.375								
70305	SALINITY BASED ON CONDUCTIVITY	01/23/68-01/23/68	1	25.2	25.2	25.2	25.2	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0326

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	60	0	0.00	20	0	0.00	17	0	0.00	23	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: GATE0326

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	31	8	0.26	18	3	0.17	8	5	0.63	5	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	55	21	0.38	22	6	0.27	14	7	0.50	19	8	0.42			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	55	28	0.51	22	10	0.45	14	8	0.57	19	10	0.53			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	23	5	0.22	4	1	0.25	3	2	0.67	16	2	0.13			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0327

NPS Station ID: GATE0327 LAT/LON: 40.423726/ -74.031587 Agency: 11NYCOR Date Created: 09/08/79
Location: SANDY HOOK BAY-AT LEONARDO NE.OF ATLANTIC HLNDS. FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): NYCOR289
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02030104 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METRO AREA ECO Region:
RF1 Index: 02030104006 RF1 Mile Point: 6.110 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:
NEW YORK CORPS OF ENGINEERS DREDGING STUDIES

Parameter Inventory for Station: GATE0327

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	08/15/74-08/15/74	1	3.4	3.4	3.4	3.4	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/15/74-08/15/74	1	1.13	1.13	1.13	1.13	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/15/74-08/15/74	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/15/74-08/15/74	1	18.7	18.7	18.7	18.7	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/15/74-08/15/74	1	24.4	24.4	24.4	24.4	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/15/74-08/15/74	1	4.5	4.5	4.5	4.5	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	08/15/74-08/15/74	1	43.7	43.7	43.7	43.7	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	08/15/74-08/15/74	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GATE0328

NPS Station ID: GATE0328 LAT/LON: 40.418199/ -74.031587 Agency: 11NYCOR Date Created: 09/08/79
Location: SANDY HOOK BAY AT ATL.HLDS.YACHT HARBOR-N OF SDP FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): NYCOR263
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02030104 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METRO AREA ECO Region:
RF1 Index: 02030104006 RF1 Mile Point: 6.210 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:
NEW YORK CORPS OF ENGINEERS DREDGING STUDIES

Parameter Inventory for Station: GATE0328

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	08/15/74-08/15/74	1	20.78	20.78	20.78	20.78	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/15/74-08/15/74	1	5.2	5.2	5.2	5.2	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/15/74-08/15/74	1	25.4	25.4	25.4	25.4	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/15/74-08/15/74	1	351.	351.	351.	351.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/15/74-08/15/74	1	247.7	247.7	247.7	247.7	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/15/74-08/15/74	1	53.1	53.1	53.1	53.1	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	08/15/74-08/15/74	1	485.	485.	485.	485.	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	08/15/74-08/15/74	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GATE0329

NPS Station ID: GATE0329
LAT/LON: 40.439448/ -74.031949
Agency: 21NJDEP1
Date Created: 04/04/81
Location: SANDY HOOK BAY
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): L7003237012 /912A /SF02019
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST MAJOR BASIN
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA
ECO Region:
RF1 Index: 02030104006
RF1 Mile Point: 5.910
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J.
TIDE CORRECTION (H/L): (-0:01/ 0:00)
ASSOCIATED NOAA WEATHER STATION: 7865

Parameter Inventory for Station: GATE0329

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-05/21/84	57	18.3	16.072	25.	0.	54.027	7.35	4.66	10.	22.	23.3
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/21/84	71	19.	19.099	36.	0.	72.89	8.538	7.2	12.	26.	29.8
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/21/84	87	5.	5.241	20.	0.	15.046	3.879	1.	2.	8.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-05/21/84	85	43.	390.012	11000.	1.5	1740334.321	1319.217	2.4	9.	121.5	998.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-05/21/84	85	1.633	1.603	4.041	0.176	0.832	0.912	0.357	0.954	2.072	2.998
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			40.079								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-05/21/84	77	4.	63.299	1100.	1.5	41840.594	204.55	1.5	1.5	19.	104.4
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-05/21/84	77	0.602	0.942	3.041	0.176	0.554	0.744	0.176	0.176	1.269	2.01
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.744								
31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	08/10/73-12/01/78	14	3.5	3.5	4.	3.	0.269	0.519	3.	3.	4.	4.
31678	LOG FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATI	08/10/73-12/01/78	14	0.54	0.54	0.602	0.477	0.004	0.065	0.477	0.477	0.602	0.602
31678	GM FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATIO	GEOMETRIC MEAN =			3.464								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/21/84	88	6287.	6287.909	11515.	1100.	24944736.038	4994.471	1200.	1315.	11215.	11402.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0329

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	85	8	0.09	19	0	0.00	26	5	0.19	40	3	0.08			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	77	5	0.06	12	0	0.00	25	2	0.08	40	3	0.08			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1973 - Station GATE0329

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/21/84	7	5.	6.	12.	3.	8.	2.828	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-05/21/84	7	93.	141.357	460.	1.5	25892.893	160.913	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-05/21/84	7	1.968	1.726	2.663	0.176	0.747	0.864	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			53.154								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/21/84	7	1515.	5582.143	11200.	1100.	27309373.81	5225.837	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GATE0329

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/21/84	10	7.5	8.3	20.	0.	34.9	5.908	0.2	4.25	11.25	19.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-05/21/84	10	59.	357.6	2400.	9.	535533.822	731.802	10.4	38.	295.	2206.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-05/21/84	10	1.754	1.989	3.38	0.954	0.506	0.711	0.995	1.566	2.451	3.308
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			97.607								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-05/21/84	10	6.5	20.7	93.	1.5	882.4	29.705	1.5	2.625	40.	88.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-05/21/84	10	0.778	0.913	1.968	0.176	0.396	0.629	0.176	0.402	1.602	1.935
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.194								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/21/84	10	1372.5	5256.5	11415.	1115.	26381372.5	5136.28	1123.5	1275.	11165.	11405.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GATE0329

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/21/84	10	26.	24.9	30.	10.	32.1	5.666	11.4	24.	28.25	29.9
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/21/84	9	3.	4.111	15.	1.	21.361	4.622	1.	1.	5.5	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-05/21/84	10	6.5	272.3	2400.	1.5	564280.344	751.186	1.5	1.5	92.25	2184.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-05/21/84	10	0.778	1.098	3.38	0.176	1.206	1.098	0.176	0.176	1.82	3.28
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			12.522								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-05/21/84	10 ##	2.75	30.25	240.	1.5	5595.292	74.802	1.5	1.5	13.75	220.3
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-05/21/84	10 ##	0.389	0.67	2.38	0.176	0.565	0.752	0.176	0.176	0.86	2.306
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.678								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/21/84	10	11215.	9268.5	11515.	1215.	17961355.833	4238.084	1218.	8670.	11333.75	11498.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GATE0329

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/21/84	7	16.	19.	32.	6.	95.667	9.781	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/21/84	7	5.	4.143	10.	0.	10.81	3.288	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-05/21/84	6	43.	602.667	2400.	7.	959006.667	979.289	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-05/21/84	6	1.633	1.983	3.38	0.845	1.	1.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			96.064								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-05/21/84	6	23.5	207.583	1100.	1.5	192397.442	438.631	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-05/21/84	6	1.118	1.337	3.041	0.176	1.164	1.079	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			21.74								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/21/84	7	11145.	6980.714	11315.	1230.	27765003.571	5269.251	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station GATE0329

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/21/84	9	26.	26.556	36.	15.	45.778	6.766	15.	22.	32.	36.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/21/84	9	5.	4.889	10.	2.	6.611	2.571	2.	2.5	6.5	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-05/21/84	8	33.	383.	2400.	9.	687123.143	828.929	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-05/21/84	8	1.498	1.807	3.38	0.954	0.689	0.83	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			64.18								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-05/21/84	8	12.	155.25	1100.	1.5	146630.429	382.924	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-05/21/84	8	1.065	1.189	3.041	0.176	0.895	0.946	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			15.46								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/21/84	9	11145.	6838.889	11430.	1200.	27798611.111	5272.439	1200.	1257.5	11322.5	11430.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GATE0329

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/21/84	6	18.5	17.167	28.	0.	108.967	10.439	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/21/84	6	1.5	3.	10.	0.	16.	4.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-05/21/84	6	33.	437.167	2400.	3.	927642.967	963.142	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-05/21/84	6	1.498	1.605	3.38	0.477	1.163	1.078	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			40.282								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-05/21/84	6 ##	2.25	18.25	93.	1.5	1349.475	36.735	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-05/21/84	6 ##	0.327	0.655	1.968	0.176	0.507	0.712	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.515								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/21/84	6	11245.	7994.167	11445.	1200.	26842464.167	5180.971	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station GATE0329

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/21/84	11	15.	16.364	30.	6.	70.255	8.382	6.2	9.	23.	29.8
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/21/84	11	3.	3.636	10.	0.	10.055	3.171	0.	1.	7.	9.4
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-05/21/84	11	7.	30.727	150.	1.5	2330.968	48.28	1.5	3.	43.	138.6
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-05/21/84	11	0.845	0.986	2.176	0.176	0.494	0.703	0.176	0.477	1.633	2.135
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			9.686								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-05/21/84	11	4.	5.045	15.	1.5	17.973	4.239	1.5	1.5	9.	13.8
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-05/21/84	11	0.602	0.579	1.176	0.176	0.115	0.339	0.176	0.176	0.954	1.132
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.797								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/21/84	11	1400.	4002.455	11215.	1138.	21330131.273	4618.456	1139.4	1243.	11145.	11215.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station GATE0329

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/21/84	10	17.	17.7	35.	9.	59.344	7.704	9.2	11.75	20.5	34.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/21/84	10	5.	4.9	8.	1.	4.989	2.234	1.2	3.	6.5	8.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-05/21/84	9	73.	114.667	460.	9.	21868.75	147.881	9.	15.	166.5	460.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-05/21/84	9	1.863	1.744	2.663	0.954	0.333	0.577	0.954	1.176	2.174	2.663
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			55.47								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-05/21/84	8	12.	15.125	36.	3.	143.268	11.969	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-05/21/84	8	1.065	1.047	1.556	0.477	0.145	0.381	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.134								

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Annual Analysis for 1982 - Station GATE0329

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/21/84	10	6325.5	6297.5	11414.	1228.	27459937.611	5240.223	1230.5	1297.25	11243.25	11397.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station GATE0329

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/21/84	11	16.	17.727	29.	7.	47.018	6.857	7.8	12.	23.	28.4
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/21/84	11	5.	5.273	10.	1.	11.018	3.319	1.2	2.	8.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-05/21/84	11	36.	1143.409	11000.	1.5	10768078.641	3281.475	2.	4.	430.	8986.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-05/21/84	11	1.556	1.701	4.041	0.176	1.318	1.148	0.261	0.602	2.633	3.827
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			50.226								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-05/21/84	11	15.	54.136	230.	1.5	6643.605	81.508	2.	4.	150.	214.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-05/21/84	11	1.176	1.188	2.362	0.176	0.55	0.742	0.261	0.602	2.176	2.325
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			15.422								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/21/84	11	1506.	5848.182	11503.	1151.	27231102.764	5218.343	1163.4	1213.	11328.	11482.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GATE0329

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/21/84	7	9.	11.429	20.	4.	37.952	6.161	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/21/84	7	10.	8.	12.	3.	12.667	3.559	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-05/21/84	7	23.	373.143	2400.	15.	799559.476	894.181	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-05/21/84	7	1.362	1.723	3.38	1.176	0.612	0.783	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			52.789								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-05/21/84	7	15.	142.214	930.	1.5	120769.238	347.519	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-05/21/84	7	1.176	1.057	2.968	0.176	1.03	1.015	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.392								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/21/84	7	1529.	5614.143	11322.	1229.	27003721.81	5196.511	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0329

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-05/21/84	13	23.3	22.585	25.	16.	5.721	2.392	17.6	21.85	23.95	25.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/21/84	13	23.	22.692	36.	7.	71.064	8.43	8.6	17.	28.5	35.2
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/21/84	20	5.	5.55	12.	1.	7.313	2.704	2.1	4.25	6.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-05/21/84	19	15.	62.789	460.	1.5	12816.703	113.211	1.5	4.	93.	240.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-05/21/84	19	1.176	1.236	2.663	0.176	0.544	0.738	0.176	0.602	1.968	2.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			17.233								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-05/21/84	12	4.	11.417	93.	1.5	673.447	25.951	1.5	1.5	4.	69.6
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-05/21/84	12	0.602	0.611	1.968	0.176	0.267	0.517	0.176	0.176	0.602	1.731
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.087								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/21/84	20	1479.	4803.3	11414.	1100.	23318031.589	4828.875	1144.2	1261.	11186.25	11228.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0329

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-05/21/84	14	5.3	5.029	10.	0.	9.487	3.08	0.3	2.075	8.	9.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/21/84	21	10.	9.762	16.	0.	17.29	4.158	4.4	6.5	12.	16.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/21/84	26	5.	5.654	20.	0.	22.395	4.732	0.	1.75	10.	10.3
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-05/21/84	26	43.	458.558	2400.	1.5	756579.727	869.816	9.	32.75	172.5	2400.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-05/21/84	26	1.633	1.905	3.38	0.176	0.684	0.827	0.954	1.508	2.227	3.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			80.371								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-05/21/84	25	9.	74.	1100.	1.5	48425.208	220.057	1.5	4.	39.5	151.8
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-05/21/84	25	0.954	1.113	3.041	0.176	0.564	0.751	0.176	0.602	1.595	2.133
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.977								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/21/84	26	1519.	5557.269	11515.	1200.	25164426.285	5016.416	1219.6	1309.	11244.5	11415.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0329

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-05/21/84	30	20.	18.403	23.	10.	14.197	3.768	12.	16.	21.025	22.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/21/84	37	24.	23.135	35.	13.	36.176	6.015	14.8	17.5	28.	30.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/21/84	41	3.	4.829	15.	0.	14.545	3.814	1.	2.	7.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-05/21/84	40	23.	500.888	11000.	1.5	3189604.506	1785.946	1.5	7.	240.	883.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-05/21/84	40	1.362	1.581	4.041	0.176	0.976	0.988	0.176	0.845	2.38	2.938
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			38.072								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-05/21/84	40	8.	72.175	1100.	1.5	50562.994	224.862	1.5	1.5	15.	150.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-05/21/84	40	0.9	0.934	3.041	0.176	0.604	0.777	0.176	0.176	1.176	2.176
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.584								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/21/84	42	11138.5	7447.167	11503.	1115.	23991095.459	4898.071	1204.5	1315.	11266.25	11394.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0330

NPS Station ID: GATE0330
LAT/LON: 40.429170/ -74.033338
Agency: 11NOAMID
Date Created: 11/16/78
Location: RARITAN BAY
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): RARB86
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON NEW YORK METRO AREA
ECO Region:
RF1 Index: 02030104006
RF1 Mile Point: 5.910
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
TRACE METALS IN SEDIMENTS OF RARITAN BAY - GREIG AND MCGRATH - NOAA NATL MAR FISH SERV - MID ATLANTIC COAST FISH CEN MILFORD CT 1973 MARINE POLLUTION BULLETIN VOL 8 NO 8 AUG 1977

Parameter Inventory for Station: GATE0330

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	2 ##	2.35	2.35	3.2	1.5	1.445	1.202	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	2	86.	86.	99.	73.	338.	18.385	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	02/01/73-05/01/73	2	170.	170.	190.	150.	800.	28.284	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	02/01/73-05/01/73	2	140.	140.	170.	110.	1800.	42.426	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	2	29.	29.	32.	26.	18.	4.243	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	02/01/73-05/01/73	2	340.	340.	340.	340.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GATE0331

NPS Station ID: GATE0331 LAT/LON: 40.490559/ -74.033338 Agency: 21NJDEP1 Date Created: 08/22/81
Location: RARITAN BAY FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): L7012837322 /43 /SF01047
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02030104 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST MAJOR BASIN Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA ECO Region:
RF1 Index: 02030104 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J. TIDE CORRECTION (H/L): (-0:01/ 0:00)
ASSOCIATED NOAA WEATHER STATION: 7865

Parameter Inventory for Station: GATE0331

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/01/75-09/01/81	34	20.	18.544	25.	4.4	34.595	5.882	5.6	17.	22.	24.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-09/01/81	29	24.	25.276	34.	19.	17.493	4.182	20.	22.	28.	33.
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-09/01/81	32	5.	5.	10.	1.	8.452	2.907	1.3	2.25	7.	10.
00480	SALINITY - PARTS PER THOUSAND	06/14/79-09/01/81	14	23.25	22.993	26.5	20.2	3.678	1.918	20.35	20.875	24.225	25.85
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-09/01/81	34	23.	188.809	2400.	1.5	198508.273	445.543	1.5	4.	240.	460.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-09/01/81	34	1.362	1.473	3.38	0.176	0.849	0.922	0.176	0.602	2.38	2.663
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			29.719								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-09/01/81	34	9.	61.382	460.	1.5	17874.531	133.696	1.5	1.5	28.	350.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-09/01/81	34	0.954	0.998	2.663	0.176	0.648	0.805	0.176	0.176	1.43	2.521
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.96								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-09/01/81	34	1445.	4851.176	11500.	1200.	23097783.422	4806.015	1215.	1315.	11200.	11407.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0331

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	34	2	0.06	17	1	0.06				17	1	0.06			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	34	4	0.12	17	1	0.06				17	3	0.18			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0331

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/01/75-09/01/81	17	22.	20.971	25.	17.	5.515	2.348	17.	19.	22.25	24.2
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-09/01/81	15	5.	5.	10.	1.	6.143	2.478	2.2	3.	5.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-09/01/81	17	93.	232.147	2400.	1.5	321682.149	567.17	1.5	8.	240.	672.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-09/01/81	17	1.968	1.617	3.38	0.176	0.873	0.934	0.176	0.9	2.38	2.58
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			41.422								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-09/01/81	17	9.	37.353	240.	1.5	3668.18	60.566	1.5	2.75	53.5	122.4
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-09/01/81	17	0.954	1.084	2.38	0.176	0.503	0.709	0.176	0.389	1.72	2.051
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.133								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-09/01/81	17	1445.	4328.529	11500.	1200.	22097858.64	4700.836	1224.	1357.5	11300.	11456.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0331

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/01/75-09/01/81	17	18.	16.118	25.	4.4	53.325	7.302	4.4	7.8	21.5	25.
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-09/01/81	17	5.	5.	10.	1.	11.	3.317	1.	2.	8.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-09/01/81	17	15.	145.471	1100.	1.5	83749.983	289.396	1.5	4.	157.5	588.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-09/01/81	17	1.176	1.329	3.041	0.176	0.835	0.914	0.176	0.602	2.128	2.738
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			21.322								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-09/01/81	17	4.	85.412	460.	1.5	31971.039	178.804	1.5	1.5	15.	460.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-09/01/81	17	0.602	0.913	2.663	0.176	0.818	0.905	0.176	0.176	1.138	2.663
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.176								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-09/01/81	17	1430.	5373.824	11300.	1200.	24960854.779	4996.084	1212.	1230.	11200.	11220.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0332

NPS Station ID: GATE0332 LAT/LON: 40.446392/ -74.033615 Agency: 21NJDEP1 Date Created: 04/04/81
Location: SANDY HOOK BAY FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): L7005237055 /914B /SF02015
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02030104 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST MAJOR BASIN Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA ECO Region:
RF1 Index: 02030104 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J. TIDE CORRECTION (H/L): (-0:01/ 0:00)
ASSOCIATED NOAA WEATHER STATION: 7865

Parameter Inventory for Station: GATE0332

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-05/18/92	57	18.3	16.072	25.	0.	54.027	7.35	4.66	10.	22.	23.3
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	141	18.	18.872	36.	0.	72.612	8.521	8.	12.	26.	30.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	160	4.	4.856	20.	0.	13.407	3.662	1.	2.	7.75	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	137	23.	346.639	11000.	1.5	1285497.245	1133.798	1.5	4.	121.5	930.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	137	1.362	1.497	4.041	0.176	0.944	0.972	0.176	0.602	2.072	2.968
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			31.39								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	136	7.	98.662	2400.	1.5	140885.377	375.347	1.5	1.5	22.5	230.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	136	0.845	0.954	3.38	0.176	0.628	0.792	0.176	0.176	1.352	2.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.986								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/15/90-05/18/92	18 ##	1.5	31.428	460.	1.5	11538.979	107.42	1.5	1.5	9.1	84.7
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	05/15/90-05/18/92	18 ##	0.176	0.618	2.663	0.176	0.457	0.676	0.176	0.176	0.959	1.736
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			4.151								
31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	08/10/73-12/01/78	8	4.	3.875	4.	3.	0.125	0.354	**	**	**	**
31678	LOG FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATI	08/10/73-12/01/78	8	0.602	0.586	0.602	0.477	0.002	0.044	**	**	**	**
31678	GM FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATIO	GEOMETRIC MEAN =			3.859								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	161	11056.	6611.646	11538.	1028.	24590966.393	4958.928	1210.2	1327.5	11215.	11345.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0332

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	137	12	0.09	33	1	0.03	43	8	0.19	61	3	0.05			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	136	14	0.10	33	2	0.06	42	8	0.19	61	4	0.07			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1973 - Station GATE0332

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	7	5.	6.	12.	3.	8.	2.828	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	7	43.	433.286	2400.	7.	778094.905	882.097	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	7	1.633	1.814	3.38	0.845	0.885	0.941	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			65.138								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	7	9.	18.714	75.	4.	657.571	25.643	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	7	0.954	1.028	1.875	0.602	0.206	0.454	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.661								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	7	1515.	5576.429	11200.	1045.	27419639.286	5236.377	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GATE0332

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	10	7.5	8.3	20.	0.	34.9	5.908	0.2	4.25	11.25	19.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	10	43.	233.1	1100.	23.	122994.1	350.705	23.	38.	460.	1036.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	10	1.633	1.959	3.041	1.362	0.367	0.605	1.362	1.566	2.663	3.004
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			91.048								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	10	8.	34.45	240.	1.5	5374.581	73.312	1.75	4.	28.	220.3
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	10	0.9	1.011	2.38	0.176	0.402	0.634	0.219	0.602	1.43	2.306
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.259								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	10	1372.5	5256.5	11415.	1115.	26381372.5	5136.28	1123.5	1275.	11165.	11405.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GATE0332

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	10	26.	24.9	30.	10.	32.1	5.666	11.4	24.	28.25	29.9
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	9	3.	4.111	15.	1.	21.361	4.622	1.	1.	5.5	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	10	49.	321.2	2400.	1.5	553027.233	743.658	1.5	3.375	227.5	2206.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	10	1.618	1.498	3.38	0.176	1.205	1.098	0.176	0.496	2.298	3.308
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			31.482								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	10	4.	18.8	93.	1.5	862.067	29.361	1.5	1.5	28.	88.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	10	0.602	0.805	1.968	0.176	0.461	0.679	0.176	0.176	1.43	1.935
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.38								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	10	11215.	9268.5	11515.	1215.	17961355.833	4238.084	1218.	8670.	11333.75	11498.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GATE0332

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	7	16.	19.	32.	6.	95.667	9.781	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	7	5.	4.143	10.	0.	10.81	3.288	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	7	43.	766.429	2400.	4.	1270608.286	1127.213	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	7	1.633	2.067	3.38	0.602	1.187	1.089	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			116.653								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	7	15.	755.643	2400.	1.5	1289158.56	1135.411	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	7	1.176	1.762	3.38	0.176	1.817	1.348	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			57.765								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	7	11145.	6980.714	11315.	1230.	27765003.571	5269.251	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station GATE0332

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	9	26.	26.556	36.	15.	45.778	6.766	15.	22.	32.	36.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	9	5.	4.889	10.	2.	6.611	2.571	2.	2.5	6.5	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	9	9.	286.389	2400.	1.5	629014.111	793.104	1.5	6.5	61.	2400.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	9	0.954	1.313	3.38	0.176	0.864	0.93	0.176	0.778	1.715	3.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			20.542								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	9	9.	128.944	1100.	1.5	132617.903	364.167	1.5	4.	12.	1100.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	9	0.954	1.046	3.041	0.176	0.648	0.805	0.176	0.602	1.065	3.041
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.119								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	9	11145.	6838.889	11430.	1200.	27798611.111	5272.439	1200.	1257.5	11322.5	11430.

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Annual Analysis for 1980 - Station GATE0332

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	6	18.5	17.167	28.	0.	108.967	10.439	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	6	1.5	3.	10.	0.	16.	4.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	6	43.	214.083	1100.	1.5	189475.042	435.287	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	6	1.633	1.509	3.041	0.176	1.038	1.019	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			32.297								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	6	9.	46.	240.	1.5	9059.1	95.179	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	6	0.954	0.969	2.38	0.176	0.658	0.811	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.322								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	6	11245.	7994.167	11445.	1200.	26842464.167	5180.971	**	**	**	**

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Annual Analysis for 1981 - Station GATE0332

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	11	15.	16.364	30.	6.	70.255	8.382	6.2	9.	23.	29.8
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	11	3.	3.636	10.	0.	10.055	3.171	0.	1.	7.	9.4
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	11	4.	328.636	2400.	1.5	578799.155	760.789	1.5	1.5	75.	2140.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	11	0.602	1.129	3.38	0.176	1.348	1.161	0.176	0.176	1.875	3.312
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			13.469								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	11	## 1.5	13.818	75.	1.5	564.814	23.766	1.5	1.5	14.	68.6
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	11	## 0.176	0.651	1.875	0.176	0.41	0.64	0.176	0.176	1.146	1.827
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.475								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	11	1400.	4003.	11215.	1140.	21326844.	4618.1	1141.	1245.	11145.	11215.

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Annual Analysis for 1982 - Station GATE0332

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	10	17.	17.7	35.	9.	59.344	7.704	9.2	11.75	20.5	34.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	10	5.	4.9	8.	1.	4.989	2.234	1.2	3.	6.5	8.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	9	36.	113.056	460.	1.5	22828.778	151.092	1.5	25.5	195.	460.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	9	1.556	1.653	2.663	0.176	0.532	0.73	0.176	1.366	2.278	2.663
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			44.939								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	8	## 12.	13.063	36.	1.5	112.317	10.598	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	8	## 1.065	0.971	1.556	0.176	0.177	0.42	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.363								

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Annual Analysis for 1982 - Station GATE0332

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	10	6327.5	6299.5	11416.	1230.	27459937.611	5240.223	1232.5	1299.25	11245.25	11399.6

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Annual Analysis for 1983 - Station GATE0332

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	11	16.	17.727	29.	7.	47.018	6.857	7.8	12.	23.	28.4
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	11	5.	5.273	10.	1.	11.018	3.319	1.2	2.	8.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	11	43.	556.	4600.	1.5	1871213.35	1367.923	1.5	11.	230.	3866.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	11	1.633	1.724	3.663	0.176	1.155	1.075	0.176	1.041	2.362	3.524
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			52.974								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	11	15.	119.727	930.	1.5	76512.568	276.609	1.5	7.	43.	790.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	11	1.176	1.295	2.968	0.176	0.724	0.851	0.176	0.845	1.633	2.847
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			19.732								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	11	1508.	5850.182	11505.	1153.	27231102.764	5218.343	1165.4	1215.	11330.	11484.6

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Annual Analysis for 1984 - Station GATE0332

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	15	17.	16.933	30.	4.	69.924	8.362	5.2	8.	23.	29.4
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	15	5.	5.867	12.	1.	13.695	3.701	1.6	3.	10.	11.4
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	14	57.	169.143	930.	1.5	70299.17	265.14	1.5	7.75	280.	680.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	14	1.66	1.577	2.968	0.176	0.845	0.919	0.176	0.866	2.43	2.801
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			37.766								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	14	12.5	59.821	430.	1.5	14875.293	121.964	1.5	1.5	40.	330.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	14	0.962	1.039	2.633	0.176	0.731	0.855	0.176	0.176	1.602	2.498
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.937								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	15	11051.	7268.333	11324.	1231.	24361584.952	4935.746	1281.4	1518.	11202.	11285.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GATE0332

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	10	18.5	19.6	31.	9.	59.378	7.706	9.1	13.	26.5	30.7
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	10	4.5	4.6	9.	1.	8.489	2.914	1.1	2.	8.	8.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	10	13.5	1160.15	11000.	1.5	11970720.614	3459.873	1.5	1.5	177.25	9943.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	10	0.982	1.337	4.041	0.176	1.623	1.274	0.176	0.176	2.135	3.901
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			21.732								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	10	6.5	270.7	2400.	1.5	564699.456	751.465	1.5	1.5	89.75	2183.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	10	0.778	1.081	3.38	0.176	1.196	1.094	0.176	0.176	1.816	3.278
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.056								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	10	11113.	7218.9	11259.	1117.	26158768.1	5114.564	1129.2	1308.	11227.	11257.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GATE0332

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	10	13.5	17.3	32.	4.	121.122	11.006	4.2	7.5	29.	31.7
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	10	3.	4.8	12.	1.	19.067	4.367	1.	1.75	10.25	11.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	8	13.	344.688	2400.	1.5	695920.924	834.219	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	8	1.109	1.398	3.38	0.176	1.191	1.091	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			24.998								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	8	3.5	61.313	460.	1.5	25971.281	161.156	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	8	0.54	0.756	2.663	0.176	0.707	0.841	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.702								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	10	6170.5	6199.	11538.	1105.	28213882.222	5311.674	1107.1	1150.75	11165.25	11508.3

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Annual Analysis for 1987 - Station GATE0332

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	7	15.	17.286	33.	9.	69.571	8.341	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	10	2.	3.6	9.	1.	10.933	3.307	1.	1.	8.	8.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	8	8.	153.75	930.	3.	104386.786	323.089	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	8	0.9	1.306	2.968	0.477	0.857	0.926	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			20.208								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	8	4.	9.688	43.	1.5	201.567	14.197	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	8	0.602	0.673	1.633	0.176	0.279	0.529	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.714								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	10	11123.5	8261.	11402.	1236.	22227724.444	4714.629	1264.5	1533.	11193.75	11392.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GATE0332

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	8	21.	19.	31.	2.	114.857	10.717	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	8	4.	4.75	12.	1.	11.357	3.37	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	8	4.	12.438	43.	1.5	231.46	15.214	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	8	0.602	0.756	1.633	0.176	0.359	0.599	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			5.705								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	8 ##	2.75	4.75	15.	1.5	23.786	4.877	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	8 ##	0.389	0.505	1.176	0.176	0.158	0.397	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.198								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	8	6222.5	6297.625	11420.	1304.	27737210.554	5266.613	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0332

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	7	18.	17.571	29.	1.	97.952	9.897	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	7	2.	3.143	8.	1.	7.143	2.673	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	7	43.	122.714	460.	3.	28670.905	169.325	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	7	1.633	1.652	2.663	0.477	0.549	0.741	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			44.911								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	7	9.	43.071	240.	1.5	7717.286	87.848	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	7	0.954	0.915	2.38	0.176	0.707	0.841	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.231								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0332

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	7	1443.	5619.857	11344.	1310.	27927565.81	5284.654	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0332

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	8	19.5	20.5	31.	10.	70.857	8.418	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	8	3.5	3.625	8.	1.	5.696	2.387	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	2 ##	11.25	11.25	21.	1.5	190.125	13.789	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	2 ##	0.749	0.749	1.322	0.176	0.657	0.81	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			5.612								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	2 ##	0.176	0.176	0.176	0.176	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.5								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	8	6231.	6227.375	11330.	1221.	27959503.125	5287.675	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0332

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	8	17.5	18.625	30.	11.	50.268	7.09	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	8	6.5	6.125	12.	1.	17.839	4.224	**	**	**	**
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	8	11130.5	7554.75	11449.	1216.	26101019.357	5108.916	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0332

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	4	12.	13.25	22.	7.	50.25	7.089	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	4	4.	5.25	12.	1.	22.25	4.717	**	**	**	**
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	4	6236.5	6159.75	11138.	1028.	32342464.25	5687.044	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0332

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-05/18/92	13	23.3	22.585	25.	16.	5.721	2.392	17.6	21.85	23.95	25.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	31	23.	21.935	36.	7.	50.996	7.141	11.6	16.	27.	30.8
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	40	5.	5.1	12.	1.	9.682	3.112	2.	3.	6.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	33	11.	136.076	2400.	1.5	183155.033	427.966	1.5	1.5	43.	460.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	33	1.041	1.158	3.38	0.176	0.774	0.879	0.176	0.176	1.633	2.663
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			14.382								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	33	4.	30.652	460.	1.5	7781.054	88.21	1.5	1.5	9.	62.2
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	33	0.602	0.797	2.663	0.176	0.427	0.654	0.176	0.176	0.954	1.778
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.261								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	40	11032.	6511.775	11416.	1045.	24772400.333	4977.188	1215.	1409.	11153.25	11328.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0332

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-05/18/92	14	5.3	5.029	10.	0.	9.487	3.08	0.3	2.075	8.	9.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	45	10.	9.911	17.	0.	17.401	4.171	4.	7.5	12.	16.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	50	4.	4.92	20.	0.	18.769	4.332	1.	1.	8.	10.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	43	43.	638.651	11000.	1.5	3216034.411	1793.331	3.	21.	230.	2400.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	43	1.633	1.817	4.041	0.176	0.925	0.962	0.477	1.322	2.362	3.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			65.666								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	42	15.	214.726	2400.	1.5	385050.307	620.524	1.5	1.5	43.	394.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	42	1.176	1.184	3.38	0.176	0.891	0.944	0.176	0.176	1.633	2.578
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			15.292								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	50	1521.	5903.14	11515.	1028.	25050711.796	5005.069	1209.7	1310.5	11222.25	11413.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0332

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-05/18/92	30	20.	18.403	23.	10.	14.197	3.768	12.	16.	21.025	22.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	65	26.	23.615	35.	10.	39.115	6.254	14.6	18.5	28.5	30.4
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	70	3.5	4.671	15.	0.	12.021	3.467	1.	2.	7.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	61	23.	254.705	4600.	1.5	470798.003	686.147	1.5	4.	190.	836.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	61	1.362	1.454	3.663	0.176	0.942	0.971	0.176	0.602	2.269	2.907
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			28.459								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	61	7.	55.541	1100.	1.5	35860.469	189.369	1.5	1.5	19.	68.6
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/10/73-04/25/90	61	0.845	0.879	3.041	0.176	0.52	0.721	0.176	0.176	1.269	1.827
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.576								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	71	11121.	7166.859	11538.	1105.	24193736.408	4918.713	1167.2	1315.	11242.	11342.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0333

NPS Station ID: GATE0333
LAT/LON: 40.642503/ -74.033892
Agency: 21350000
Date Created: / /
Location: OWLS HEAD INF
FIPS State/County: 36000 NEW YORK/
Station Type: /TYPA/MUN/NTRTMT/OUTFL/LAKE
STORET Station ID(s): 403833007402020/804I
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030201
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-N.Y. METROPOLITAN AREA
ECO Region:
RF1 Index: 02030201001
RF1 Mile Point: 1.930
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02030202002821.05
RF3 Mile Point: 26.28
Distance from RF3: 0.17
On/Off RF3:
Description:
PLANT WAS OPENED IN 1952 AND HAS A DESIGN CAPACITY OF 160 MGD AND A PRESENT FLOW OF 85 MGD. IT SERVES THE WESTERN PORTION OF BROOKLYN (12,947 ACRES) WITH A CONNECTING POPULATION OF 800,000. PRESENT FACILI- TIES ARE MODIFIED AERATION, SLUDGE DIGESTION AND POWER GENERATION. MONTHLY SUMMARIES OF DATA COLLECTED BY N.Y.C. DEPT. OF PUBLIC WORKS.

Parameter Inventory for Station: GATE0333

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GATE0334

NPS Station ID: GATE0334 LAT/LON: 40.419448/ -74.034448 Agency: 21NJDEP1 Date Created: 04/04/81
Location: SANDY HOOK BAY FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): L7000936892 /910 /SF02008
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02030104 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST MAJOR BASIN Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA ECO Region:
RF1 Index: 02030104006 RF1 Mile Point: 5.910 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J. TIDE CORRECTION (H/L): (-0:01/ 0:00)
ASSOCIATED NOAA WEATHER STATION: 7865

Parameter Inventory for Station: GATE0334

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-05/18/92	57	18.3	16.072	25.	0.	54.027	7.35	4.66	10.	22.	23.3
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	141	18.	18.872	36.	0.	72.612	8.521	8.	12.	26.	30.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	160	4.	4.856	20.	0.	13.407	3.662	1.	2.	7.75	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	137	15.	127.967	2400.	1.5	146520.626	382.78	1.5	4.	58.	240.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	137	1.176	1.283	3.38	0.176	0.661	0.813	0.176	0.602	1.748	2.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			19.177								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	129	4.	40.581	930.	1.5	13013.405	114.076	1.5	1.5	23.	93.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	129	0.602	0.894	2.968	0.176	0.487	0.698	0.176	0.176	1.362	1.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.841								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/15/90-05/18/92	18 ##	2.55	10.489	93.	1.5	470.867	21.699	1.5	1.5	9.1	30.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	05/15/90-05/18/92	18 ##	0.366	0.596	1.968	0.176	0.293	0.541	0.176	0.176	0.959	1.422
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			3.944								
31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	08/10/73-12/01/78	14	3.5	3.5	4.	3.	0.269	0.519	3.	3.	4.	4.
31678	LOG FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATI	08/10/73-12/01/78	14	0.54	0.54	0.602	0.477	0.004	0.065	0.477	0.477	0.602	0.602
31678	GM FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATIO	GEOMETRIC MEAN =			3.464								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	161	11040.	6529.727	11522.	1012.	24643460.087	4964.218	1165.6	1315.	11200.	11331.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0334

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	137	5	0.04	33	0	0.00	43	3	0.07	61	2	0.03			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	129	10	0.08	26	1	0.04	42	5	0.12	61	4	0.07			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1973 - Station GATE0334

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	7	5.	6.	12.	3.	8.	2.828	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	7 ##	1.5	23.786	150.	1.5	3105.321	55.725	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	7 ##	0.176	0.573	2.176	0.176	0.584	0.764	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			3.741								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	7	1430.	5521.429	11115.	1130.	27111805.952	5206.9	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GATE0334

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	10	7.5	8.3	20.	0.	34.9	5.908	0.2	4.25	11.25	19.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	10	33.	112.4	460.	3.	23519.6	153.361	3.1	7.75	240.	438.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	10	1.498	1.537	2.663	0.477	0.621	0.788	0.49	0.866	2.38	2.635
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			34.471								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	10	8.	32.35	240.	1.5	5383.003	73.369	1.65	3.75	23.	218.3
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	10	0.9	0.971	2.38	0.176	0.384	0.62	0.206	0.571	1.362	2.278
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.364								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	10	1400.	5285.	11400.	1145.	26657177.778	5163.059	1150.5	1233.75	11250.	11400.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GATE0334

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	10	26.	24.9	30.	10.	32.1	5.666	11.4	24.	28.25	29.9
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	9	3.	4.111	15.	1.	21.361	4.622	1.	1.	5.5	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	10	6.5	169.95	1100.	1.5	116129.581	340.778	1.75	4.	240.	1014.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	10	0.778	1.331	3.041	0.176	1.015	1.007	0.219	0.602	2.38	2.975
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			21.423								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	10	4.	61.95	460.	1.5	20424.858	142.916	1.5	1.5	55.5	423.3
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	10	0.602	0.944	2.663	0.176	0.734	0.857	0.176	0.176	1.717	2.593
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.799								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	10	11200.	9253.5	11500.	1200.	17961355.833	4238.084	1203.	8655.	11318.75	11483.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GATE0334

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	7	16.	19.	32.	6.	95.667	9.781	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	7	5.	4.143	10.	0.	10.81	3.288	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	7	43.	148.	460.	9.	28778.667	169.643	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	7	1.633	1.81	2.663	0.954	0.457	0.676	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			64.507								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	7	9.	53.	240.	4.	7815.667	88.406	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	7	0.954	1.237	2.38	0.602	0.44	0.663	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			17.256								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	7	11130.	6960.	11300.	1215.	27839641.667	5276.328	**	**	**	**

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Annual Analysis for 1979 - Station GATE0334

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	9	26.	26.556	36.	15.	45.778	6.766	15.	22.	32.	36.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	9	5.	4.889	10.	2.	6.611	2.571	2.	2.5	6.5	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	9	15.	90.222	460.	4.	24851.194	157.643	4.	8.	141.5	460.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	9	1.176	1.406	2.663	0.602	0.492	0.701	0.602	0.9	2.007	2.663
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			25.488								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	9	4.	32.389	240.	1.5	6107.049	78.148	1.5	1.5	16.	240.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	9	0.602	0.808	2.38	0.176	0.51	0.714	0.176	0.176	1.158	2.38
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.43								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	9	11130.	6802.222	11400.	1130.	27860694.444	5278.323	1130.	1215.	11300.	11400.

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Annual Analysis for 1980 - Station GATE0334

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	6	18.5	17.167	28.	0.	108.967	10.439	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	6	1.5	3.	10.	0.	16.	4.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	6	19.5	807.417	2400.	1.5	1521878.642	1233.644	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	6	1.244	1.671	3.38	0.176	1.933	1.39	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			46.902								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	6	13.	121.5	460.	1.5	36195.4	190.251	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	6	1.109	1.269	2.663	0.176	1.125	1.061	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			18.568								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	6	11230.	7970.	11430.	1130.	26992440.	5195.425	**	**	**	**

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Annual Analysis for 1981 - Station GATE0334

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	11	15.	16.364	30.	6.	70.255	8.382	6.2	9.	23.	29.8
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	11	3.	3.636	10.	0.	10.055	3.171	0.	1.	7.	9.4
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	11	9.	21.591	93.	1.5	808.591	28.436	1.5	1.5	43.	83.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	11	0.954	0.94	1.968	0.176	0.433	0.658	0.176	0.176	1.633	1.901
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			8.7								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	11	4.	12.636	43.	1.5	264.155	16.253	1.5	1.5	23.	43.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	11	0.602	0.758	1.633	0.176	0.335	0.578	0.176	0.176	1.362	1.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.726								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	11	1330.	3978.545	11200.	1122.	21381557.473	4624.02	1123.6	1227.	11130.	11200.

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Annual Analysis for 1982 - Station GATE0334

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	10	17.	17.7	35.	9.	59.344	7.704	9.2	11.75	20.5	34.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	10	5.	4.9	8.	1.	4.989	2.234	1.2	3.	6.5	8.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	8	36.	38.5	91.	4.	895.143	29.919	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	8	1.556	1.426	1.959	0.602	0.205	0.452	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			26.679								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	7	15.	18.929	36.	1.5	273.202	16.529	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	7	1.176	1.032	1.556	0.176	0.325	0.57	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.769								

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Annual Analysis for 1982 - Station GATE0334

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	10	6289.5	6265.5	11358.	1212.	27458977.611	5240.131	1214.5	1251.25	11227.25	11345.6

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Annual Analysis for 1983 - Station GATE0334

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	11	16.	17.727	29.	7.	47.018	6.857	7.8	12.	23.	28.4
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	11	5.	5.273	10.	1.	11.018	3.319	1.2	2.	8.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	11	15.	243.318	2400.	1.5	512722.414	716.046	2.	4.	91.	1938.6
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	11	1.176	1.334	3.38	0.176	0.759	0.871	0.261	0.602	1.959	3.098
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			21.597								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	11	9.	31.545	230.	1.5	4467.623	66.84	1.5	4.	15.	192.6
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	11	0.954	0.999	2.362	0.176	0.403	0.635	0.176	0.602	1.176	2.216
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.975								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	11	1450.	5810.364	11447.	1135.	27287059.855	5223.702	1139.4	1157.	11312.	11426.6

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Annual Analysis for 1984 - Station GATE0334

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	15	17.	16.933	30.	4.	69.924	8.362	5.2	8.	23.	29.4
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	15	5.	5.867	12.	1.	13.695	3.701	1.6	3.	10.	11.4
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	15	43.	82.833	430.	1.5	14088.631	118.696	4.8	23.	93.	310.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	15	1.633	1.542	2.633	0.176	0.404	0.636	0.577	1.362	1.968	2.47
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			34.85								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	15	7.	47.533	430.	1.5	11855.767	108.884	1.5	1.5	43.	227.8
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	15	0.845	1.029	2.633	0.176	0.574	0.758	0.176	0.176	1.633	2.234
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.694								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	15	11035.	7246.067	11306.	1213.	24376618.781	4937.268	1240.6	1500.	11146.	11268.2

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Annual Analysis for 1985 - Station GATE0334

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	10	18.5	19.6	31.	9.	59.378	7.706	9.1	13.	26.5	30.7
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	10	4.5	4.6	9.	1.	8.489	2.914	1.1	2.	8.	8.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	10	12.5	107.	930.	1.5	83900.333	289.656	1.5	1.5	43.	841.3
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	10	0.962	1.023	2.968	0.176	0.865	0.93	0.176	0.176	1.633	2.835
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			10.534								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	10 ##	2.75	99.25	930.	1.5	85366.958	292.176	1.5	1.5	13.75	841.3
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	10 ##	0.389	0.729	2.968	0.176	0.823	0.907	0.176	0.176	0.86	2.835
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.356								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	10	11057.	7194.9	11243.	1101.	26089824.1	5107.82	1113.2	1292.	11211.	11241.3

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Annual Analysis for 1986 - Station GATE0334

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	10	13.5	17.3	32.	4.	121.122	11.006	4.2	7.5	29.	31.7
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	10	3.	4.8	12.	1.	19.067	4.367	1.	1.75	10.25	11.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	8	16.	157.5	1100.	1.5	145917.643	381.992	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	8	1.158	1.249	3.041	0.176	0.89	0.944	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			17.752								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	8	4.	35.875	240.	1.5	6852.339	82.779	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	8	0.602	0.857	2.38	0.176	0.53	0.728	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.191								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	10	6162.5	6176.6	11522.	1049.	28286131.822	5318.471	1055.1	1134.75	11149.25	11492.3

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Annual Analysis for 1987 - Station GATE0334

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	7	15.	17.286	33.	9.	69.571	8.341	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	10	2.	3.6	9.	1.	10.933	3.307	1.	1.	8.	8.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	8	19.	51.688	230.	1.5	6116.21	78.206	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	8	1.269	1.235	2.362	0.176	0.558	0.747	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			17.188								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	8 ##	5.25	24.25	93.	1.5	1104.643	33.236	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	8 ##	0.565	0.862	1.968	0.176	0.615	0.784	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.274								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	10	11107.5	8237.	11346.	1220.	22173013.333	4708.823	1248.5	1517.	11167.75	11336.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GATE0334

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	8	21.	19.	31.	2.	114.857	10.717	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	8	4.	4.75	12.	1.	11.357	3.37	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	8	8.	18.125	93.	4.	929.268	30.484	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	8	0.9	0.963	1.968	0.602	0.209	0.457	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			9.184								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	8	4.	5.688	15.	1.5	23.853	4.884	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	8	0.602	0.602	1.176	0.176	0.16	0.4	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.001								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	8	1509.5	5097.375	11404.	1248.	26087634.268	5107.606	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0334

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	7	18.	17.571	29.	1.	97.952	9.897	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	7	2.	3.143	8.	1.	7.143	2.673	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	7	9.	64.5	240.	1.5	8823.75	93.935	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	7	0.954	1.218	2.38	0.176	0.726	0.852	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			16.51								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	7	4.	6.357	23.	1.5	60.976	7.809	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	7	0.602	0.578	1.362	0.176	0.207	0.455	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.787								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0334

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	7	1427.	5598.143	11328.	1254.	27985259.143	5290.11	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0334

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	8	19.5	20.5	31.	10.	70.857	8.418	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	8	3.5	3.625	8.	1.	5.696	2.387	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	2	## 22.25	22.25	43.	1.5	861.125	29.345	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	2	## 0.905	0.905	1.633	0.176	1.062	1.031	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			8.031								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	2	## 2.75	2.75	4.	1.5	3.125	1.768	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	2	## 0.389	0.389	0.602	0.176	0.091	0.301	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.449								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	8	6195.	6201.375	11314.	1205.	27960174.554	5287.738	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0334

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	8	17.5	18.625	30.	11.	50.268	7.09	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	8	6.5	6.125	12.	1.	17.839	4.224	**	**	**	**
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	8	11114.5	7528.75	11433.	1200.	26126396.5	5111.399	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0334

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	4	12.	13.25	22.	7.	50.25	7.089	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	4	4.	5.25	12.	1.	22.25	4.717	**	**	**	**
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	4	6220.5	6143.75	11122.	1012.	32342464.25	5687.044	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0334

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-05/18/92	13	23.3	22.585	25.	16.	5.721	2.392	17.6	21.85	23.95	25.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	31	23.	21.935	36.	7.	50.996	7.141	11.6	16.	27.	30.8
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	40	5.	5.1	12.	1.	9.682	3.112	2.	3.	6.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	33	9.	37.712	240.	1.5	4808.594	69.344	1.5	4.	29.5	198.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	33	0.954	1.047	2.38	0.176	0.459	0.678	0.176	0.602	1.459	2.287
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			11.151								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	26	4.	22.519	240.	1.5	2384.49	48.831	1.5	4.	23.	58.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	26	0.602	0.875	2.38	0.176	0.347	0.589	0.176	0.602	1.362	1.734
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.497								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	40	6316.5	6243.15	11358.	1122.	24795844.182	4979.543	1157.	1361.75	11126.	11312.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0334

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-05/18/92	14	5.3	5.029	10.	0.	9.487	3.08	0.3	2.075	8.	9.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	45	10.	9.911	17.	0.	17.401	4.171	4.	7.5	12.	16.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	50	4.	4.92	20.	0.	18.769	4.332	1.	1.	8.	10.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	43	36.	187.872	2400.	1.5	191260.715	437.334	3.	9.	93.	742.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	43	1.556	1.557	3.38	0.176	0.668	0.817	0.477	0.954	1.968	2.846
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			36.077								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	42	9.	64.071	930.	1.5	26917.97	164.067	1.5	4.	36.	240.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	42	0.954	1.077	2.968	0.176	0.557	0.746	0.176	0.602	1.556	2.38
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.929								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	50	1503.	5879.26	11500.	1012.	25074167.38	5007.411	1200.9	1253.25	11205.25	11394.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0334

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-05/18/92	30	20.	18.403	23.	10.	14.197	3.768	12.	16.	21.025	22.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	65	26.	23.615	35.	10.	39.115	6.254	14.6	18.5	28.5	30.4
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	70	3.5	4.671	15.	0.	12.021	3.467	1.	2.	7.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	61	11.	134.566	2400.	1.5	188569.954	434.246	1.5	4.	43.	240.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	61	1.041	1.217	3.38	0.176	0.697	0.835	0.176	0.602	1.633	2.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			16.47								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	61	4.	32.107	460.	1.5	7773.809	88.169	1.5	1.5	13.	43.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	61	0.602	0.777	2.663	0.176	0.477	0.691	0.176	0.176	1.109	1.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.986								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	71	11110.	7149.254	11522.	1049.	24222719.106	4921.658	1154.4	1309.	11225.	11330.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0335

NPS Station ID: GATE0335
LAT/LON: 40.643892/ -74.035559
Agency: 21350000
Date Created: / /
Location: OWLS HEAD EFF
FIPS State/County: 36000 NEW YORK/
Station Type: /TYPA/MUN/TREATD/OUTFL/LAKE
STORET Station ID(s): 403838007402080/804E
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030201
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-N.Y. METROPOLITAN AREA
ECO Region:
RF1 Index: 02030201001
RF1 Mile Point: 1.930
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02030201000100.00
RF3 Mile Point: 0.11
Distance from RF3: 0.09
On/Off RF3:
Description:
PLANT WAS OPENED IN 1952 AND HAS A DESIGN CAPACITY OF 160 MGD AND A PRESENT FLOW OF 85 MGD. IT SERVES THE WESTERN PORTION OF BROOKLYN (12,947 ACRES) WITH A CONNECTING POPULATION OF 800,000. PRESENT FACILI- TIES ARE MODIFIED AERATION, SLUDGE DIGESTION AND POWER GENERATION. MONTHLY SUMMARIES OF DATA COLLECTED BY N.Y.C. DEPT. OF PUBLIC WORKS.

Parameter Inventory for Station: GATE0335

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GATE0336

NPS Station ID: GATE0336 LAT/LON: 40.644726/ -74.036115 Agency: 31ISC2RS Date Created: 11/07/81
Location: UPPER NEW YORK BAY NEAR OWLS HEAD STP FIPS State/County: 36047 NEW YORK/KINGS
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): UH-07 /UH07 /1407
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02030201 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METROPOLITAN AREA ECO Region:
RF1 Index: 02030201001 RF1 Mile Point: 1.940 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02030202002900.00 RF3 Mile Point: 9.75 Distance from RF3: 0.32 On/Off RF3:
Description:
ER NEW YORK BAY IN CENTER OF BOIL FROM OWLS HEAD SEWAGE TREATMENT PLANT OPPOSITE THE NORTH END OF THE TREATMENT PLANT BUILDING

Parameter Inventory for Station: GATE0336

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/74-06/19/74	9	8.2	10.111	19.7	3.2	36.164	6.014	3.2	5.05	16.1	19.7
00300	OXYGEN, DISSOLVED MG/L	01/16/74-06/19/74	9	8.6	7.667	9.6	2.8	4.932	2.221	2.8	6.45	9.35	9.6
00310	BOD, 5 DAY, 20 DEG C MG/L	01/16/74-06/19/74	9	4.	4.478	7.2	2.6	2.427	1.558	2.6	3.25	5.95	7.2
00940	CHLORIDE,TOTAL IN WATER MG/L	01/16/74-06/19/74	9	11200.	10744.444	12100.	7700.	1942777.778	1393.836	7700.	9900.	11800.	12100.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0336

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	9	1	0.11				3	0	0.00	6	1	0.17			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0337

NPS Station ID: GATE0337
LAT/LON: 40.569448/ -74.036115
Agency: 1111H030
Date Created: / /
Location: RARITAN BAY (70)
FIPS State/County: 36085 NEW YORK/RICHMOND
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): 403410007402100/070 /70
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030104
Depth of Water: 45
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-N.Y. METROPOLI
ECO Region:
RF1 Index: 02030104
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0337

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/13/63-12/14/72	106	14.7	13.202	24.3	0.4	50.452	7.103	2.	6.5	19.325	21.33
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/13/63-12/14/72	92	18.5	18.529	35.	0.	88.174	9.39	5.	12.25	26.	31.43
00030	LIGHT, INCIDENT, SUNLIGHT RADIATION INTENSITY	08/25/69-08/25/69	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/29/68-12/14/72	19	3.	4.221	11.	1.1	9.845	3.138	1.5	2.	5.5	11.
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	03/05/69-01/14/70	6	3.6	3.2	4.7	1.5	1.768	1.33	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	09/17/68-09/17/68	1	60.	60.	60.	60.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	04/13/70-04/13/70	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/23/63-06/06/72	33	34000.	33841.818	44000.	25000.	19609615.341	4428.275	27460.	30550.	36800.	39542.
00300	OXYGEN, DISSOLVED MG/L	02/13/63-12/14/72	103	6.9	7.279	11.6	2.7	4.493	2.12	4.6	5.7	9.5	10.1
00310	BOD, 5 DAY, 20 DEG C MG/L	03/05/63-01/23/68	40	1.9	2.003	4.6	0.7	0.752	0.867	1.	1.4	2.375	3.08
00340	COD, .25N K2CR2O7 MG/L	02/03/64-11/08/65	13	110.	105.308	185.	42.	1834.064	42.826	42.8	70.	135.5	171.
00400	PH (STANDARD UNITS)	03/16/64-05/08/69	4	7.6	7.55	7.8	7.2	0.063	0.252	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/16/64-05/08/69	4	7.6	7.491	7.8	7.2	0.068	0.261	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/16/64-05/08/69	4	0.025	0.032	0.063	0.016	0.	0.021	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/03/64-03/30/64	4	0.43	0.408	0.55	0.22	0.024	0.156	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/16/64-11/08/65	13	0.03	0.036	0.07	0.01	0.	0.019	0.01	0.025	0.055	0.066
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/16/64-06/06/72	17	0.12	0.151	0.42	0.03	0.011	0.104	0.054	0.085	0.185	0.372
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/27/72-06/06/72	2	0.795	0.795	0.83	0.76	0.002	0.049	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/23/68-04/29/68	3	0.47	0.537	0.78	0.36	0.047	0.218	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/16/64-07/09/68	15	0.47	0.51	0.96	0.21	0.031	0.177	0.3	0.39	0.58	0.81
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/27/72-06/06/72	2	0.175	0.175	0.21	0.14	0.002	0.049	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/29/68-12/14/72	22	4.	5.014	16.	1.5	11.609	3.407	2.	2.825	6.	10.8
00910	CALCIUM (MG/L AS CACO3)	07/09/68-07/09/68	2	13950.	13950.	15600.	12300.	5445000.	2333.452	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	02/13/63-12/14/72	82	14175.	13899.512	17800.	6500.	4704945.438	2169.089	10700.	13000.	15500.	16270.
01040	COPPER, DISSOLVED (UG/L AS CU)	04/29/68-04/29/68	2	90.	90.	110.	70.	800.	28.284	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	04/29/68-09/17/68	6	210.	273.333	700.	90.	52826.667	229.841	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	04/29/68-09/17/68	6	33.	119.5	330.	2.	23219.9	152.381	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/08/63-12/14/72	47	7200.	18383.617	110000.	540.	696422719.241	26389.822	1460.	2900.	24000.	52200.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/08/63-12/14/72	47	3.857	3.918	5.041	2.732	0.31	0.557	3.164	3.462	4.38	4.71
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			8280.869								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/13/63-06/01/67	55	3300.	9778.909	54000.	230.	203596924.714	14268.739	616.	1600.	16000.	35000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/13/63-06/01/67	55	3.519	3.579	4.732	2.362	0.377	0.614	2.783	3.204	4.204	4.544
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			3794.126								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/13/63-06/01/67	55	790.	3321.6	22000.	1.	27605349.43	5254.079	194.	330.	3500.	9920.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/13/63-06/01/67	55	2.898	3.012	4.342	0.	0.605	0.778	2.275	2.519	3.544	3.995
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1026.992								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/63-12/14/72	70	665.	2649.8	24000.	2.	21984654.742	4688.78	251.	370.	2550.	7420.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/63-12/14/72	70	2.823	2.935	4.38	0.301	0.533	0.73	2.4	2.568	3.404	3.87

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GATE0337

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			860.097								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	02/13/63-02/03/64	64	125.	443.75	11000.	4.	2043325.81	1429.449	11.	21.	357.5	640.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	02/13/63-02/03/64	64	2.097	2.007	4.041	0.602	0.524	0.724	1.04	1.321	2.553	2.802
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			101.704								
70305	SALINITY BASED ON CONDUCTIVITY	01/23/68-06/06/72	23	22.2	21.748	28.5	11.7	17.678	4.205	15.92	18.8	25.	26.86

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0337

				Total	Exceed	Prop.	----------8/01-10/31----------			----------11/01-3/31----------			----------4/01-7/31----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	19	0	0.00	4	0	0.00	6	0	0.00	9	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	103	5	0.05	16	1	0.06	29	0	0.00	58	4	0.07			
00400	PH	Other-Hi Lim.	9.	4	0	0.00				2	0	0.00	2	0	0.00			
		Other-Lo Lim.	6.5	4	0	0.00				2	0	0.00	2	0	0.00			
01040	COPPER, DISSOLVED	Marine Acute	2.9	2	2	1.00							2	2	1.00			
01090	ZINC, DISSOLVED	Marine Acute	95.	6	2	0.33	2	0	0.00				4	2	0.50			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	47	45	0.96	6	5	0.83	16	15	0.94	25	25	1.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	55	48	0.87	8	7	0.88	8	7	0.88	39	34	0.87			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	55	50	0.91	8	8	1.00	8	5	0.63	39	37	0.95			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	70	65	0.93	12	12	1.00	16	16	1.00	42	37	0.88			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0337

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/13/63-12/14/72	15	20.4	20.053	22.5	18.1	1.97	1.403	18.28	18.5	20.7	22.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/13/63-12/14/72	15	25.	24.293	30.1	16.	16.135	4.017	17.2	21.	28.	28.84
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/23/63-06/06/72	11	35400.	34715.455	40570.	29200.	9890427.273	3144.905	29760.	32000.	36500.	40056.
00300	OXYGEN, DISSOLVED MG/L	02/13/63-12/14/72	16	5.75	5.65	7.6	3.7	1.103	1.05	4.26	4.85	6.25	7.46
00940	CHLORIDE,TOTAL IN WATER MG/L	02/13/63-12/14/72	12	15650.	15637.5	17800.	13200.	1797784.091	1340.815	13560.	14512.5	16825.	17530.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/08/63-12/14/72	6	5800.	27806.667	76000.	540.	1313159466.667	36237.542	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/08/63-12/14/72	6	3.763	3.96	4.881	2.732	0.658	0.811	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			9117.522								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/63-12/14/72	12	830.	4831.667	24000.	280.	56884633.333	7542.19	304.	375.	7300.	21300.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/63-12/14/72	12	2.895	3.167	4.38	2.447	0.492	0.701	2.48	2.574	3.863	4.319
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1469.189								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0337

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/13/63-12/14/72	29	3.	4.359	14.2	0.4	13.494	3.673	0.7	1.8	5.4	11.8
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/13/63-12/14/72	22	5.75	6.523	16.5	0.	20.797	4.56	1.3	2.	8.75	14.75
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/23/63-06/06/72	7	33200.	34641.429	42100.	28600.	20727414.286	4552.737	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	02/13/63-12/14/72	29	9.8	9.21	11.6	5.4	2.127	1.459	6.6	8.65	10.1	10.5
00940	CHLORIDE,TOTAL IN WATER MG/L	02/13/63-12/14/72	21	13300.	13380.952	16400.	8700.	3654619.048	1911.706	10260.	12450.	14950.	15900.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/08/63-12/14/72	16	6000.	6186.875	21000.	990.	25236089.583	5023.553	1137.	2525.	8100.	14000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/08/63-12/14/72	16	3.778	3.655	4.322	2.996	0.142	0.376	3.054	3.401	3.908	4.126
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4521.084								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/63-12/14/72	16	745.	1255.625	3800.	280.	1402386.25	1184.224	280.	450.	1900.	3450.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/63-12/14/72	16	2.87	2.931	3.58	2.447	0.151	0.388	2.447	2.653	3.277	3.537
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			853.702								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0337

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/13/63-12/14/72	62	17.3	15.681	24.3	5.7	25.231	5.023	7.13	11.925	19.4	21.77
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/13/63-12/14/72	55	20.	21.76	35.	6.	57.727	7.598	13.8	16.	28.	33.4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/23/63-06/06/72	15	33000.	32828.	44000.	25000.	26853588.571	5182.045	25528.	29400.	36800.	39980.
00300	OXYGEN, DISSOLVED MG/L	02/13/63-12/14/72	58	6.6	6.762	11.5	2.7	3.791	1.947	4.57	5.375	7.625	10.
00940	CHLORIDE,TOTAL IN WATER MG/L	02/13/63-12/14/72	49	14000.	13696.122	17300.	6500.	5089820.068	2256.063	10300.	12900.	15450.	15900.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/08/63-12/14/72	25	8800.	23928.	110000.	1500.	892069600.	29867.534	2260.	4200.	33000.	72200.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/08/63-12/14/72	25	3.944	4.076	5.041	3.176	0.296	0.544	3.354	3.623	4.518	4.82
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			11919.471								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/63-12/14/72	42	640.	2557.524	21000.	2.	19063187.865	4366.141	52.8	342.5	2550.	9500.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/63-12/14/72	42	2.806	2.869	4.322	0.301	0.689	0.83	1.59	2.533	3.404	3.962
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			740.192								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0338

NPS Station ID: GATE0338
LAT/LON: 40.464170/ -74.036670
Agency: 21NJDEP1
Date Created: 04/04/81
Location: SANDY HOOK BAY
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): L7009737165 /918A /SF02039
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST MAJOR BASIN
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA
ECO Region:
RF1 Index: 02030104
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J.
TIDE CORRECTION (H/L): (-0:01/ 0:00)
ASSOCIATED NOAA WEATHER STATION: 7865

Parameter Inventory for Station: GATE0338

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	57	18.3	16.072	25.	0.	54.027	7.35	4.66	10.	22.	23.3
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	157	19.	19.232	36.	0.	68.787	8.294	8.	12.	26.	29.2
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	176	4.	4.676	20.	0.	12.917	3.594	1.	2.	7.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	156	43.	406.506	11000.	1.5	1228765.119	1108.497	3.	9.	240.	1100.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	156	1.633	1.69	4.041	0.176	0.924	0.961	0.477	0.954	2.38	3.041
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			48.942								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	148	9.	109.561	2400.	1.5	113548.064	336.969	1.5	1.5	43.	240.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	148	0.954	1.1	3.38	0.176	0.747	0.864	0.176	0.176	1.633	2.38
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.583								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/15/90-05/18/92	18	3.6	10.922	75.	1.5	363.81	19.074	1.5	1.5	9.1	46.2
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	05/15/90-05/18/92	18	0.556	0.644	1.875	0.176	0.299	0.547	0.176	0.176	0.959	1.658
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			4.406								
31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	08/10/73-12/01/78	14	3.5	3.5	4.	3.	0.269	0.519	3.	3.	4.	4.
31678	LOG FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATI	08/10/73-12/01/78	14	0.54	0.54	0.602	0.477	0.004	0.065	0.477	0.477	0.602	0.602
31678	GM FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATIO	GEOMETRIC MEAN =			3.464								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	177	11104.	6770.989	11617.	1007.	24503624.989	4950.114	1221.4	1350.	11230.5	11410.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0338

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	156	19	0.12	38	5	0.13	45	6	0.13	73	8	0.11			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	148	20	0.14	31	4	0.13	44	7	0.16	73	9	0.12			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1973 - Station GATE0338

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	7	5.	6.	12.	3.	8.	2.828	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	7	93.	582.714	2400.	1.5	802315.155	895.72	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	7	1.968	1.824	3.38	0.176	1.712	1.309	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			66.653								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	7	1530.	5592.857	11215.	1045.	27359857.143	5230.665	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GATE0338

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	10	7.5	8.3	20.	0.	34.9	5.908	0.2	4.25	11.25	19.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	10	350.	522.9	2400.	20.	547940.322	740.23	20.3	23.	620.	2270.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	10	2.521	2.245	3.38	1.301	0.588	0.767	1.307	1.362	2.757	3.346
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			175.713								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	10	43.	334.35	2400.	1.5	547025.447	739.612	2.85	21.	295.	2206.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	10	1.633	1.791	3.38	0.176	0.765	0.875	0.276	1.315	2.451	3.308
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			61.838								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	10	1372.5	5253.5	11430.	1100.	26343639.167	5132.605	1111.5	1278.75	11150.	11417.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GATE0338

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	10	26.	24.9	30.	10.	32.1	5.666	11.4	24.	28.25	29.9
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	9	3.	4.111	15.	1.	21.361	4.622	1.	1.	5.5	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	10	29.	285.85	2400.	1.5	557036.558	746.349	1.75	4.	129.75	2184.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	10	1.405	1.473	3.38	0.176	0.904	0.951	0.219	0.602	2.071	3.28
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			29.705								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	10	5.5	42.5	240.	1.5	6919.278	83.182	1.5	1.5	44.25	231.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	10	0.724	0.862	2.38	0.176	0.667	0.816	0.176	0.176	1.26	2.36
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.272								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	10	11230.	9299.5	11530.	1230.	17942280.278	4235.833	1237.	8725.	11358.75	11517.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GATE0338

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	7	16.	19.	32.	6.	95.667	9.781	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	7	5.	4.143	10.	0.	10.81	3.288	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	7	150.	481.714	2400.	4.	739141.571	859.733	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	7	2.176	2.101	3.38	0.602	0.759	0.871	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			126.302								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	7	23.	93.	460.	4.	27098.333	164.616	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	7	1.362	1.485	2.663	0.602	0.479	0.692	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			30.557								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	7	11200.	7007.143	11330.	1245.	27876432.143	5279.814	**	**	**	**

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Annual Analysis for 1979 - Station GATE0338

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	9	26.	26.556	36.	15.	45.778	6.766	15.	22.	32.	36.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	9	5.	4.889	10.	2.	6.611	2.571	2.	2.5	6.5	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	9	93.	375.111	2400.	3.	594923.361	771.313	3.	42.	305.	2400.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	9	1.968	1.937	3.38	0.477	0.721	0.849	0.477	1.415	2.419	3.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			86.451								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	9	20.	139.	1100.	1.5	130122.938	360.726	1.5	2.75	43.	1100.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	9	1.301	1.233	3.041	0.176	0.781	0.884	0.176	0.389	1.633	3.041
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			17.12								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	9	11200.	6858.333	11445.	1215.	27841850.	5276.538	1215.	1272.5	11337.5	11445.

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Annual Analysis for 1980 - Station GATE0338

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	6	18.5	17.167	28.	0.	108.967	10.439	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	6	1.5	3.	10.	0.	16.	4.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	6	68.	501.083	2400.	1.5	895134.842	946.116	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	6	1.801	1.796	3.38	0.176	1.33	1.153	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			62.499								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	6	9.	68.917	240.	1.5	10356.642	101.768	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	6	0.954	1.207	2.38	0.176	0.774	0.88	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			16.112								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	6	11300.	8029.167	11500.	1215.	27002184.167	5196.363	**	**	**	**

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Annual Analysis for 1981 - Station GATE0338

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	11	15.	16.364	30.	6.	70.255	8.382	6.2	9.	23.	29.8
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	11	3.	3.636	10.	0.	10.055	3.171	0.	1.	7.	9.4
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	11	14.	368.182	2400.	3.	564052.564	751.034	3.	4.	390.	2140.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	11	1.146	1.554	3.38	0.477	1.077	1.038	0.477	0.602	2.591	3.312
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			35.769								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	11	7.	49.955	240.	1.5	8870.573	94.184	1.5	1.5	23.	240.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	11	0.845	1.007	2.38	0.176	0.622	0.788	0.176	0.176	1.362	2.38
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.154								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	11	1415.	4030.636	11230.	1148.	21331369.455	4618.59	1158.4	1253.	11200.	11230.

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Annual Analysis for 1982 - Station GATE0338

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	10	17.	17.7	35.	9.	59.344	7.704	9.2	11.75	20.5	34.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	10	5.	4.9	8.	1.	4.989	2.234	1.2	3.	6.5	8.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	10	335.	995.7	4600.	4.	2117264.456	1455.082	7.9	123.25	1297.5	4380.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	10	2.507	2.477	3.663	0.602	0.786	0.886	0.705	2.04	3.071	3.635
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			299.707								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	9	91.	273.944	1500.	1.5	229631.028	479.198	1.5	39.5	305.	1500.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	9	1.959	1.919	3.176	0.176	0.682	0.826	0.176	1.595	2.419	3.176
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			82.908								

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Annual Analysis for 1982 - Station GATE0338

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	10	6335.5	6315.5	11424.	1238.	27459404.278	5240.172	1244.5	1317.25	11263.25	11411.6

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Annual Analysis for 1983 - Station GATE0338

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	11	16.	17.727	29.	7.	47.018	6.857	7.8	12.	23.	28.4
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	11	5.	5.273	10.	1.	11.018	3.319	1.2	2.	8.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	11	91.	1233.227	11000.	1.5	10642155.168	3262.232	3.	15.	930.	9020.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	11	1.959	1.988	4.041	0.176	1.185	1.088	0.332	1.176	2.968	3.841
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			97.356								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	11	15.	111.5	460.	1.5	29240.65	170.999	3.	15.	150.	454.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	11	1.176	1.512	2.663	0.176	0.58	0.762	0.332	1.176	2.176	2.657
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			32.544								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	11	1516.	5865.455	11513.	1201.	27158617.673	5211.393	1205.4	1223.	11338.	11492.6

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Annual Analysis for 1984 - Station GATE0338

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	15	17.	16.933	30.	4.	69.924	8.362	5.2	8.	23.	29.4
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	15	5.	5.867	12.	1.	13.695	3.701	1.6	3.	10.	11.4
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	15	43.	389.833	2400.	1.5	490510.417	700.364	3.	9.	430.	1860.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	15	1.633	1.769	3.38	0.176	0.977	0.988	0.432	0.954	2.633	3.258
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			58.692								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	15	15.	97.067	750.	1.5	38055.71	195.079	1.5	1.5	93.	438.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	15	1.176	1.264	2.875	0.176	0.787	0.887	0.176	0.176	1.968	2.567
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			18.345								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	15	11059.	7284.333	11332.	1239.	24373110.667	4936.913	1289.4	1526.	11210.	11317.

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Annual Analysis for 1985 - Station GATE0338

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	10	18.5	19.6	31.	9.	59.378	7.706	9.1	13.	26.5	30.7
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	10	4.5	4.6	9.	1.	8.489	2.914	1.1	2.	8.	8.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	10	43.	79.4	430.	14.	15872.489	125.986	14.1	15.	79.5	396.3
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	10	1.633	1.624	2.633	1.146	0.211	0.459	1.149	1.176	1.898	2.567
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			42.048								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	10	9.5	20.85	93.	1.5	829.503	28.801	1.5	1.5	28.	88.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	10	0.889	0.911	1.968	0.176	0.447	0.668	0.176	0.176	1.43	1.935
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.145								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	10	11121.	7230.9	11307.	1125.	26194840.1	5118.089	1137.2	1316.	11235.	11301.3

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Annual Analysis for 1986 - Station GATE0338

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	10	13.5	17.3	32.	4.	121.122	11.006	4.2	7.5	29.	31.7
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	10	3.	4.8	12.	1.	19.067	4.367	1.	1.75	10.25	11.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	9	93.	368.222	2400.	4.	597391.444	772.911	4.	12.	290.	2400.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	9	1.968	1.882	3.38	0.602	0.743	0.862	0.602	1.065	2.405	3.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			76.214								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	9	7.	274.	2400.	1.5	635654.688	797.28	1.5	2.75	19.	2400.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	9	0.845	1.045	3.38	0.176	0.925	0.962	0.176	0.389	1.269	3.38
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.099								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	10	6177.5	6210.2	11546.	1113.	28178126.844	5308.307	1115.1	1188.75	11173.25	11516.3

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Annual Analysis for 1987 - Station GATE0338

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	7	15.	17.286	33.	9.	69.571	8.341	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	10	2.	3.6	9.	1.	10.933	3.307	1.	1.	8.	8.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	8	33.	81.5	430.	4.	20683.429	143.817	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	8	1.498	1.454	2.633	0.602	0.439	0.663	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			28.445								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	8 ##	2.75	38.25	230.	1.5	6228.357	78.92	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	8 ##	0.389	0.833	2.362	0.176	0.72	0.848	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.806								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	10	11131.5	8277.	11410.	1244.	22278613.333	4720.023	1272.5	1541.	11231.75	11400.5

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Annual Analysis for 1988 - Station GATE0338

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	8	21.	19.	31.	2.	114.857	10.717	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	8	4.	4.75	12.	1.	11.357	3.37	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	8	11.	64.625	430.	1.5	21979.625	148.255	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	8	1.011	1.052	2.633	0.176	0.664	0.815	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			11.28								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	8 ##	1.5	5.063	15.	1.5	27.603	5.254	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	8 ##	0.176	0.496	1.176	0.176	0.199	0.446	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.131								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	8	6230.5	6305.625	11428.	1312.	27737210.554	5266.613	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0338

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	7	18.	17.571	29.	1.	97.952	9.897	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	7	2.	3.143	8.	1.	7.143	2.673	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	7	23.	184.286	1100.	7.	163942.238	404.898	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	7	1.362	1.569	3.041	0.845	0.572	0.756	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			37.038								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	7	4.	159.714	1100.	1.5	171916.821	414.629	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	7	0.602	0.811	3.041	0.176	1.004	1.002	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.471								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0338

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	7	1451.	5633.571	11352.	1318.	27870929.619	5279.293	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0338

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	8	19.5	20.5	31.	10.	70.857	8.418	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	8	3.5	3.625	8.	1.	5.696	2.387	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	2	3.5	3.5	4.	3.	0.5	0.707	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	2	0.54	0.54	0.602	0.477	0.008	0.088	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			3.464								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	2	## 1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	2	## 0.176	0.176	0.176	0.176	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.5								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	8	6239.	6235.375	11338.	1229.	27959503.125	5287.675	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0338

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	8	17.5	18.625	30.	11.	50.268	7.09	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	8	6.5	6.125	12.	1.	17.839	4.224	**	**	**	**
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	8	11138.5	7567.75	11457.	1224.	26142376.5	5112.962	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0338

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	7	22.	19.	28.	7.	77.333	8.794	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	7	4.	4.429	12.	1.	13.619	3.69	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	3	## 1.5	8.	21.	1.5	126.75	11.258	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	3	## 0.176	0.558	1.322	0.176	0.438	0.662	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			3.615								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	3	## 1.5	2.333	4.	1.5	2.083	1.443	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	3	## 0.176	0.318	0.602	0.176	0.06	0.246	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.08								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	7	11035.	6937.714	11357.	1036.	27870123.571	5279.216	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station GATE0338

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	5	25.	25.4	27.	24.	1.3	1.14	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	5	4.	3.6	5.	1.	2.3	1.517	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	5	4.	223.2	1100.	1.5	240252.575	490.156	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	5	0.602	0.99	3.041	0.176	1.421	1.192	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			9.772								

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Annual Analysis for 1993 - Station GATE0338

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	5 ##	1.5	49.2	240.	1.5	11376.45	106.66	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	5 ##	0.176	0.617	2.38	0.176	0.972	0.986	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.139								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	5	11344.	9284.2	11617.	1007.	21453602.7	4631.803	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station GATE0338

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	6	18.5	18.5	24.	13.	19.5	4.416	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	6	1.	1.5	4.	0.	1.9	1.378	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	6	33.	59.083	240.	1.5	8180.042	90.444	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	6	1.498	1.298	2.38	0.176	0.629	0.793	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			19.854								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	6	4.	5.5	15.	1.5	25.8	5.079	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	6	0.602	0.596	1.176	0.176	0.15	0.388	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.947								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	6	11142.	8068.333	11605.	1539.	25611005.867	5060.732	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station GATE0338

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	2	20.25	20.25	26.5	14.	78.125	8.839	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	2	4.5	4.5	8.	1.	24.5	4.95	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	2 ##	2.75	2.75	4.	1.5	3.125	1.768	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	2 ##	0.389	0.389	0.602	0.176	0.091	0.301	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			2.449								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	2 ##	2.75	2.75	4.	1.5	3.125	1.768	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	2 ##	0.389	0.389	0.602	0.176	0.091	0.301	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.449								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	2	6338.5	6338.5	11235.	1442.	47951424.5	6924.697	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0338

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	13	23.3	22.585	25.	16.	5.721	2.392	17.6	21.85	23.95	25.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	36	23.	22.194	36.	7.	44.447	6.667	13.1	17.25	26.75	30.3
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	45	4.	4.822	12.	0.	9.559	3.092	1.	2.5	6.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	38	23.	234.145	2400.	1.5	245138.174	495.114	1.5	4.	127.25	1100.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	38	1.362	1.479	3.38	0.176	0.895	0.946	0.176	0.602	2.067	3.041
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			30.101								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	31	7.	79.242	1100.	1.5	45342.448	212.938	1.5	1.5	43.	238.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	31	0.845	1.028	3.041	0.176	0.695	0.834	0.176	0.176	1.633	2.377
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.659								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	45	11044.	6831.4	11424.	1045.	24406939.473	4940.338	1223.	1435.	11209.5	11348.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0338

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	14	5.3	5.029	10.	0.	9.487	3.08	0.3	2.075	8.	9.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	47	10.	10.085	17.	0.	17.384	4.169	4.	8.	13.	16.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	52	4.	4.769	20.	0.	18.612	4.314	1.	1.	8.	10.7
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	45	93.	449.278	2400.	1.5	555566.427	745.363	5.8	17.5	445.	2400.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	45	1.968	1.991	3.38	0.176	0.764	0.874	0.748	1.239	2.648	3.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			97.857								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	44	15.	171.364	2400.	1.5	254008.225	503.992	1.5	4.	93.	350.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	44	1.176	1.295	3.38	0.176	0.814	0.902	0.176	0.602	1.968	2.521
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			19.713								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	52	1535.5	5940.788	11605.	1036.	25086001.033	5008.593	1217.7	1316.75	11230.75	11429.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0338

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	30	20.	18.403	23.	10.	14.197	3.768	12.	16.	21.025	22.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	74	26.	23.601	35.	10.	37.185	6.098	14.5	18.75	28.	30.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	79	4.	4.532	15.	0.	11.38	3.373	1.	2.	7.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	73	43.	469.863	11000.	1.5	2158878.953	1469.312	1.5	7.	190.	1340.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	73	1.633	1.614	4.041	0.176	0.976	0.988	0.176	0.845	2.269	3.122
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			41.123								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	73	9.	85.185	1500.	1.5	57902.844	240.63	1.5	1.5	43.	240.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	73	0.954	1.013	3.176	0.176	0.716	0.846	0.176	0.176	1.633	2.38
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.301								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	80	11132.5	7276.638	11617.	1007.	24087187.804	4907.87	1207.8	1336.	11250.	11415.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0339

NPS Station ID: GATE0339
LAT/LON: 40.634170/ -74.036948
Agency: 1111H030
Date Created: / /
Location: NARROWS (107)
FIPS State/County: 36085 NEW YORK/RICHMOND
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): 403803007402130/107
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030201
Depth of Water: 38
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-N.Y. METROPOLI
ECO Region:
RF1 Index: 02030201001
RF1 Mile Point: 1.440
Distance from RF1: 1.20
On/Off RF1: OFF
RF3 Index: 02030202002909.75
RF3 Mile Point: 17.43
Distance from RF3: 0.18
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0339

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/12/63-11/26/63	20	19.	18.235	23.9	10.9	11.674	3.417	11.38	18.35	20.2	21.16
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/12/63-11/26/63	18	23.	21.889	30.	9.	43.634	6.606	9.	17.	27.5	30.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/12/63-09/20/63	13	30500.	30684.615	34000.	28400.	1948076.923	1395.735	28640.	30000.	31350.	33200.
00300	OXYGEN, DISSOLVED MG/L	08/12/63-11/26/63	20	4.05	4.05	5.8	2.4	0.684	0.827	3.11	3.45	4.55	5.46
00310	BOD, 5 DAY, 20 DEG C MG/L	08/12/63-11/12/63	18	1.75	1.839	3.	1.	0.252	0.502	1.36	1.55	2.	2.82
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/12/63-11/12/63	16	0.06	0.059	0.11	0.03	0.	0.022	0.03	0.04	0.07	0.096
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/12/63-11/12/63	14	0.14	0.14	0.25	0.02	0.006	0.079	0.025	0.07	0.21	0.245
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/12/63-11/12/63	16	0.705	0.724	1.2	0.43	0.035	0.186	0.465	0.627	0.805	1.053
00940	CHLORIDE,TOTAL IN WATER MG/L	08/12/63-11/12/63	15	14700.	14766.667	15500.	13800.	233809.524	483.539	14100.	14400.	15300.	15440.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/12/63-11/26/63	20	35000.	42850.	210000.	10000.	1782344736.842	42217.825	12600.	22250.	44000.	71800.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/12/63-11/26/63	20	4.544	4.526	5.322	4.	0.081	0.284	4.097	4.345	4.643	4.856
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			33583.662								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/12/63-11/26/63	20	5800.	8680.	27000.	1100.	50429052.632	7101.342	1730.	3925.	11500.	21800.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/12/63-11/26/63	20	3.763	3.805	4.431	3.041	0.13	0.361	3.23	3.594	4.059	4.338
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			6384.289								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/12/63-11/26/63	19	640.	689.474	2600.	100.	304949.708	552.223	240.	360.	890.	1300.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/12/63-11/26/63	19	2.806	2.735	3.415	2.	0.096	0.31	2.38	2.556	2.949	3.114
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			543.75								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0339

				Total	Exceed	Prop.	----------8/01-10/31----------			----------11/01-3/31----------			----------4/01-7/31----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	20	10	0.50	16	9	0.56	4	1	0.25						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	20	20	1.00	16	16	1.00	4	4	1.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	20	20	1.00	16	16	1.00	4	4	1.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0340

NPS Station ID: GATE0340
LAT/LON: 40.638892/ -74.037504
Agency: 11BIOACC
Date Created: 02/24/90
Location: UPPER BAY @ NEW YORK
FIPS State/County: 36047 NEW YORK/KINGS
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 3327
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030201
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02030201
RF1 Mile Point: 0.000
Distance from RF1: 2.00
On/Off RF1:
RF3 Index: 02030202002900.00
RF3 Mile Point: 0.81
Distance from RF3: 0.07
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0340

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
30344	PENTACHLORODIBENZO-P-DIOXIN,12378,FISH,WET WT,PG/G	09/29/87-10/02/87	2 ##	0.715	0.715	0.75	0.68	0.002	0.049	**	**	**	**
30345	HEXACHLORODIBENZO-P-DIOXIN,123478,FISH,WET WT,PG/G	09/29/87-10/02/87	2 ##	0.615	0.615	1.23	0.	0.756	0.87	**	**	**	**
30346	HEXACHLORODIBENZO-P-DIOXIN,123678,FISH,WET WT,PG/G	09/29/87-10/02/87	2 ##	0.66	0.66	0.92	0.4	0.135	0.368	**	**	**	**
30347	HEXACHLORODIBENZO-P-DIOXIN,123789,FISH,WET WT,PG/G	09/29/87-10/02/87	2 ##	0.345	0.345	0.69	0.	0.238	0.488	**	**	**	**
30348	HEPTACHLORODIBENZO-P-DIOXIN,1234678,TIS,WETWT,PG/G	09/29/87-10/02/87	2	0.505	0.505	0.53	0.48	0.001	0.035	**	**	**	**
30349	TETRACHLORODIBENZOFURAN, 2378- , FISH,WET WT.,PG/G	09/29/87-10/02/87	2	2.96	2.96	3.2	2.72	0.115	0.339	**	**	**	**
30350	PENTACHLORODIBENZOFURAN,12378- , FISH,WET WT.,PG/G	09/29/87-10/02/87	2	0.78	0.78	0.84	0.72	0.007	0.085	**	**	**	**
30351	PENTACHLORODIBENZOFURAN,23478- , FISH,WET WT.,PG/G	09/29/87-10/02/87	2	2.525	2.525	2.59	2.46	0.008	0.092	**	**	**	**
30352	HEXACHLORODIBENZOFURAN,123478- , FISH,WET WT.,PG/G	09/29/87-10/02/87	2 ##	1.415	1.415	1.415	1.415	0.	0.	**	**	**	**
30353	HEXACHLORODIBENZOFURAN,123678- , FISH,WET WT.,PG/G	09/29/87-10/02/87	2 ##	1.42	1.42	1.42	1.42	0.	0.	**	**	**	**
30354	HEXACHLORODIBENZOFURAN,123789- , FISH,WET WT.,PG/G	09/29/87-10/02/87	2 ##	1.385	1.385	1.385	1.385	0.	0.	**	**	**	**
30355	HEXACHLORODIBENZOFURAN,234678- , FISH,WET WT.,PG/G	09/29/87-10/02/87	2 ##	0.98	0.98	0.98	0.98	0.	0.	**	**	**	**
30356	HEPTACHLORODIBENZOFURAN,1234678- ,FISH,WET WT,PG/G	09/29/87-10/02/87	2 ##	0.36	0.36	0.72	0.	0.259	0.509	**	**	**	**
30357	HEPTACHLORODIBENZOFURAN,1234789- ,FISH,WET WT,PG/G	09/29/87-10/02/87	2 ##	1.305	1.305	1.305	1.305	0.	0.	**	**	**	**
34395	HEXACHLOROBUTADIENE WET WGTTISMG/KG	09/29/87-10/02/87	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
34555	1,2,4-TRICHLOROBENZENE WET WGTTISMG/KG	09/29/87-10/02/87	2 ##	0.006	0.006	0.011	0.002	0.	0.007	**	**	**	**
34685	ENDRIN WET WGTTISMG/KG	09/29/87-10/02/87	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	09/29/87-10/02/87	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
34687	HEPTACHLOR WET WGTTISMG/KG	09/29/87-10/02/87	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
34688	HEXACHLOROBENZENE WET WGTTISMG/KG	09/29/87-10/02/87	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
34754	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN TISWETWTPG/G	09/29/87-10/02/87	2	3.225	3.225	3.53	2.92	0.186	0.431	**	**	**	**
38824	ISOPROPALIN TISWETWGTMG/KG	09/29/87-10/02/87	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39063	CHLORDANE-CIS ISOMER,TISSUE WET WGT (UG/G)	09/29/87-10/02/87	2 ##	0.005	0.005	0.008	0.002	0.	0.005	**	**	**	**
39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	09/29/87-10/02/87	2 ##	0.003	0.003	0.005	0.002	0.	0.002	**	**	**	**
39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	09/29/87-10/02/87	2 ##	0.002	0.002	0.003	0.001	0.	0.001	**	**	**	**
39319	MONOCHLOROBIPHENYL,TOTAL, TISSUE,WET,WT,MG/KG	09/29/87-10/02/87	2 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39322	P,P'-DDE IN TISSUE WET WGT MG/KG	09/29/87-10/02/87	2	0.045	0.045	0.05	0.04	0.	0.007	**	**	**	**
39335	DICHLOROBIPHENYL,TOTAL, TISSUE,WET,WT,MG/KG	09/29/87-10/02/87	2 ##	0.002	0.002	0.003	0.001	0.	0.002	**	**	**	**
39339	TRICHLOROBIPHENYL,TOTAL, TISSUE,WET,WT,MG/KG	09/29/87-10/02/87	2	0.049	0.049	0.079	0.018	0.002	0.043	**	**	**	**
39345	TETRACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	09/29/87-10/02/87	2	0.329	0.329	0.493	0.164	0.054	0.233	**	**	**	**
39347	PENTACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	09/29/87-10/02/87	2	0.308	0.308	0.395	0.221	0.015	0.123	**	**	**	**
39354	HEPTACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	09/29/87-10/02/87	2	0.051	0.051	0.062	0.04	0.	0.016	**	**	**	**
39355	OCTACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	09/29/87-10/02/87	2 ##	0.007	0.007	0.012	0.002	0.	0.007	**	**	**	**
39404	DIELDRIN IN TISSUE WET WGT (UG/G)	09/29/87-10/02/87	2	0.007	0.007	0.008	0.005	0.	0.002	**	**	**	**
39408	NONACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	09/29/87-10/02/87	2 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
39409	DECACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	09/29/87-10/02/87	2 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	09/29/87-10/02/87	2 ##	0.001	0.001	0.002	0.	0.	0.001	**	**	**	**
46333	PENTACHLORONITROBENZENE (PCNB) IN TISSUE WET MG/KG	09/29/87-10/02/87	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GATE0340

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70977	INSTRUMENT RATIO, LAB/FIELD CONCENTRATIONS, NUMBER	09/29/87-10/02/87	2	4.885	4.885	5.31	4.46	0.361	0.601	**	**	**	**
71935	MERCURY, TOTAL IN FISH (PPM,WET WEIGHT BASIS)	09/29/87-10/02/87	2	0.09	0.09	0.1	0.08	0.	0.014	**	**	**	**
76530	BIPHENYL TISSUE ,WET WGT,MG/KG	09/29/87-10/02/87	2 ##	0.001	0.001	0.001	0.	0.	0.	**	**	**	**
78907	HEXACHLOROBIPHENYLS IN FISH TISSUE WET WGT. MG/KG	09/29/87-10/02/87	2	0.235	0.235	0.28	0.19	0.004	0.064	**	**	**	**
78922	NONACHLOR, TRANS, TISSUE, WET WEIGHT MG/KG	09/29/87-10/02/87	2	0.015	0.015	0.02	0.009	0.	0.008	**	**	**	**
78923	NONACHLOR, CIS, TISSUE, WET WEIGHT MG/KG	09/29/87-10/02/87	2	0.005	0.005	0.007	0.003	0.	0.003	**	**	**	**
79026	1,2,3,4,-TETRACHLOROBENZENE IN FISH WET WGT MG/KG	09/29/87-10/02/87	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
81312	POLYCHLORINATEDBIPHENYLS FISH TISSUE WET WGT MG/KG	09/29/87-10/02/87	2	0.974	0.974	1.319	0.628	0.239	0.489	**	**	**	**
81644	METHOXYCHLOR IN FISH TISSUE,UG/G WET WEIGHT	09/29/87-10/02/87	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
81645	MIREX IN FISH TISSUE WET WEIGHT UG/G	09/29/87-10/02/87	2 ##	0.001	0.001	0.002	0.	0.	0.001	**	**	**	**
81652	TREFLAN IN FISH TISSUE WET WEIGHT MG/KG	09/29/87-10/02/87	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
81807	DURSBAN IN FISH TISSUE WET WEIGHT MG/KG	09/29/87-10/02/87	2 ##	0.002	0.002	0.003	0.002	0.	0.001	**	**	**	**
81823	PENTACHLOROANISOLE(PCA)INFISH TISSUE WET WGT MG/KG	09/29/87-10/02/87	2 ##	0.001	0.001	0.002	0.001	0.	0.001	**	**	**	**
82029	OXYCHLORDANE IN TISSUE SAMPLE WET WEIGHT MG/KG	09/29/87-10/02/87	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
85675	TRICHLOROBENZENE,1,3,5- TISSUE,WET,WT,MG/KG	09/29/87-10/02/87	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
85676	TRICHLOROBENZENE,1,2,3- TISSUE,WET,WT,MG/KG	09/29/87-10/02/87	2 ##	0.002	0.002	0.003	0.001	0.	0.001	**	**	**	**
85677	TETRACHLOROBENZENE,1,2,4,5- TISSUE,WET,WT,MG/KG	09/29/87-10/02/87	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
85678	TETRACHLOROBENZENE,1,2,3,5- TISSUE,WET,WT,MG/KG	09/29/87-10/02/87	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
85679	PENTACHLOROBENZENE TISSUE,WET,WT,MG/KG	09/29/87-10/02/87	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
85680	DIPHENYL DISULFIDE TISSUE,WET,WT,MG/KG	09/29/87-10/02/87	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
85681	OCTACHLOROSTYRENE TISSUE,WET,WT,MG/KG	09/29/87-10/02/87	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
85682	NITROFEN TISSUE,WET,WT,MG/KG	09/29/87-10/02/87	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
85683	PERTHANE TISSUE,WET,WT,MG/KG	09/29/87-10/02/87	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
85684	DICOFOL (KELTHANE) TISSUE,WET,WT,MG/KG	09/29/87-10/02/87	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GATE0341

NPS Station ID: GATE0341 LAT/LON: 40.457503/ -74.038060 Agency: 21NJDEP1 Date Created: 04/04/81
Location: SANDY HOOK BAY FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): L7009237125 /916E /SF02041
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02030104 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST MAJOR BASIN Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA ECO Region:
RF1 Index: 02030104 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J. TIDE CORRECTION (H/L): (-0:01/ 0:00)
ASSOCIATED NOAA WEATHER STATION: 7865

Parameter Inventory for Station: GATE0341

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-05/18/92	52	19.	15.769	25.	0.	58.08	7.621	3.81	8.5	22.	23.3
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	141	18.	18.872	36.	0.	72.612	8.521	8.	12.	26.	30.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	155	4.	4.697	20.	0.	12.732	3.568	1.	2.	7.	10.
00480	SALINITY - PARTS PER THOUSAND	06/18/79-07/05/88	83	19.6	19.733	28.8	7.	15.997	4.	14.2	17.5	23.	24.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	135	75.	517.419	11000.	1.5	2199206.255	1482.972	3.	9.	240.	1500.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	135	1.875	1.778	4.041	0.176	0.952	0.976	0.477	0.954	2.38	3.154
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			59.994								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	127	9.	124.524	2400.	1.5	157354.095	396.679	1.5	4.	43.	240.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	127	0.954	1.144	3.38	0.176	0.705	0.84	0.176	0.602	1.633	2.38
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			13.928								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/15/90-05/18/92	18 ##	1.5	22.956	240.	1.5	3308.664	57.521	1.5	1.5	12.575	91.5
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	05/15/90-05/18/92	18 ##	0.176	0.621	2.38	0.176	0.503	0.71	0.176	0.176	1.06	1.926
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			4.179								
31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	08/10/73-12/01/78	14	3.5	3.5	4.	3.	0.269	0.519	3.	3.	4.	4.
31678	LOG FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATI	08/10/73-12/01/78	14	0.54	0.54	0.602	0.477	0.004	0.065	0.477	0.477	0.602	0.602
31678	GM FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATIO	GEOMETRIC MEAN =			3.464								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	156	11101.5	6606.744	11542.	1015.	24633805.65	4963.245	1217.8	1337.5	11230.	11400.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0341

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	135	17	0.13	33	2	0.06	43	9	0.21	59	6	0.10			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	127	16	0.13	26	2	0.08	42	8	0.19	59	6	0.10			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1973 - Station GATE0341

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	7	5.	6.	12.	3.	8.	2.828	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	7	150.	282.286	1100.	4.	157365.571	396.693	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	7	2.176	1.841	3.041	0.602	0.915	0.956	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			69.267								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	7	1545.	5599.286	11230.	1015.	27448678.571	5239.149	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GATE0341

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	5	5.	6.8	20.	0.	61.7	7.855	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	5	240.	613.2	2400.	93.	1003106.7	1001.552	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	5	2.38	2.416	3.38	1.968	0.333	0.577	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			260.327								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	5	9.	27.	93.	3.	1418.	37.656	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	5	0.954	1.121	1.968	0.477	0.324	0.569	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			13.223								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	5	1345.	3338.	11430.	1200.	20468732.5	4524.238	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GATE0341

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	10	26.	24.9	30.	10.	32.1	5.666	11.4	24.	28.25	29.9
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	9	3.	4.111	15.	1.	21.361	4.622	1.	1.	5.5	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	10	26.	175.95	1100.	1.5	124944.414	353.475	1.5	1.5	184.75	1036.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	10	1.294	1.327	3.041	0.176	1.074	1.036	0.176	0.176	2.142	3.004
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			21.219								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	10 ##	2.75	43.15	240.	1.5	6898.447	83.057	1.5	1.5	54.75	231.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	10 ##	0.389	0.825	2.38	0.176	0.743	0.862	0.176	0.176	1.565	2.36
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.677								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	10	11230.	9299.5	11530.	1230.	17942280.278	4235.833	1237.	8725.	11358.75	11517.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GATE0341

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	7	16.	19.	32.	6.	95.667	9.781	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	7	5.	4.143	10.	0.	10.81	3.288	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	7	240.	609.857	2400.	3.	773017.81	879.214	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	7	2.38	2.134	3.38	0.477	1.051	1.025	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			136.095								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	7	15.	187.571	1100.	1.5	163554.536	404.419	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	7	1.176	1.352	3.041	0.176	1.095	1.046	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			22.467								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	7	11200.	7007.143	11330.	1245.	27876432.143	5279.814	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station GATE0341

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	9	26.	26.556	36.	15.	45.778	6.766	15.	22.	32.	36.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	9	5.	4.889	10.	2.	6.611	2.571	2.	2.5	6.5	10.
00480	SALINITY - PARTS PER THOUSAND	06/18/79-07/05/88	7	22.	22.357	24.	20.2	1.603	1.266	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	9	93.	397.167	2400.	1.5	585786.625	765.367	1.5	23.5	350.	2400.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	9	1.968	1.906	3.38	0.176	0.996	0.998	0.176	1.118	2.521	3.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			80.496								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	9	9.	277.278	2400.	1.5	633824.132	796.131	1.5	1.5	32.	2400.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	9	0.954	1.081	3.38	0.176	1.019	1.01	0.176	0.176	1.478	3.38
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.044								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	9	11200.	6858.333	11445.	1215.	27841850.	5276.538	1215.	1272.5	11337.5	11445.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GATE0341

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	6	18.5	17.167	28.	0.	108.967	10.439	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	6	1.5	3.	10.	0.	16.	4.	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	06/18/79-07/05/88	5	19.3	20.9	28.8	12.3	47.155	6.867	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	6	131.5	844.75	2400.	1.5	1459306.375	1208.018	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	6	1.871	1.88	3.38	0.176	1.911	1.382	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			75.873								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	6	16.	81.25	240.	1.5	12543.775	111.999	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	6	1.158	1.299	2.38	0.176	0.817	0.904	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			19.926								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	6	11300.	8029.167	11500.	1215.	27002184.167	5196.363	**	**	**	**

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Annual Analysis for 1981 - Station GATE0341

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	11	15.	16.364	30.	6.	70.255	8.382	6.2	9.	23.	29.8
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	11	3.	3.636	10.	0.	10.055	3.171	0.	1.	7.	9.4
00480	SALINITY - PARTS PER THOUSAND	06/18/79-07/05/88	10	20.35	20.68	26.	16.	8.211	2.865	16.2	18.75	22.95	25.71
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	11	23.	688.545	4600.	4.	2063418.673	1436.46	4.6	11.	460.	4100.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	11	1.362	1.85	3.663	0.602	1.06	1.03	0.651	1.041	2.663	3.595
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			70.721								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	11	9.	165.227	1100.	1.5	112610.768	335.575	1.8	4.	150.	966.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	11	0.954	1.352	3.041	0.176	0.894	0.945	0.236	0.602	2.176	2.96
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			22.48								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	11	1412.	4029.545	11230.	1144.	21337992.873	4619.307	1155.2	1249.	11200.	11230.

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Annual Analysis for 1982 - Station GATE0341

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	10	17.	17.7	35.	9.	59.344	7.704	9.2	11.75	20.5	34.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	10	5.	4.9	8.	1.	4.989	2.234	1.2	3.	6.5	8.
00480	SALINITY - PARTS PER THOUSAND	06/18/79-07/05/88	10	19.	19.55	24.5	16.5	5.969	2.443	16.6	17.875	20.75	24.35
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	10	121.5	559.7	2400.	9.	947901.567	973.602	9.6	26.25	780.	2400.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	10	2.072	2.073	3.38	0.954	0.709	0.842	0.976	1.402	2.63	3.38

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Annual Analysis for 1982 - Station GATE0341

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			118.345								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	9	15.	301.444	2400.	4.	623554.778	789.655	4.	9.	123.	2400.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	9	1.176	1.475	3.38	0.602	0.746	0.864	0.602	0.943	1.939	3.38
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			29.858								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	10	6331.5	6303.5	11420.	1234.	27459937.611	5240.223	1236.5	1303.25	11249.25	11403.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station GATE0341

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	11	16.	17.727	29.	7.	47.018	6.857	7.8	12.	23.	28.4
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	11	5.	5.273	10.	1.	11.018	3.319	1.2	2.	8.	10.
00480	SALINITY - PARTS PER THOUSAND	06/18/79-07/05/88	11	18.5	19.	26.	12.	21.85	4.674	12.2	16.	23.	25.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	11	91.	1142.364	11000.	3.	10757107.455	3279.803	5.4	43.	150.	8986.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	11	1.959	2.01	4.041	0.477	0.831	0.911	0.617	1.633	2.176	3.827
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			102.266								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	11	36.	70.364	430.	3.	15274.255	123.589	3.2	7.	91.	362.6
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	11	1.556	1.404	2.633	0.477	0.434	0.658	0.502	0.845	1.959	2.5
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			25.324								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	11	1512.	5854.182	11509.	1157.	27231102.764	5218.343	1169.4	1219.	11334.	11488.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GATE0341

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	15	17.	16.933	30.	4.	69.924	8.362	5.2	8.	23.	29.4
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	15	5.	5.867	12.	1.	13.695	3.701	1.6	3.	10.	11.4
00480	SALINITY - PARTS PER THOUSAND	06/18/79-07/05/88	14	20.	20.214	25.	13.	11.297	3.361	15.	17.875	23.25	24.75
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	15	93.	398.167	2400.	1.5	407122.202	638.061	6.	11.	430.	1518.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	15	1.968	1.951	3.38	0.176	0.867	0.931	0.643	1.041	2.633	3.133
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			89.262								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	15	43.	123.9	930.	1.5	61790.936	248.578	3.	4.	93.	630.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	15	1.633	1.4	2.968	0.176	0.71	0.843	0.432	0.602	1.968	2.767
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			25.115								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	15	11055.	7280.333	11328.	1235.	24373110.667	4936.913	1285.4	1522.	11206.	11313.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GATE0341

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	10	18.5	19.6	31.	9.	59.378	7.706	9.1	13.	26.5	30.7
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	10	4.5	4.6	9.	1.	8.489	2.914	1.1	2.	8.	8.9
00480	SALINITY - PARTS PER THOUSAND	06/18/79-07/05/88	8	22.5	20.25	24.	11.	21.071	4.59	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	10	58.	1170.6	11000.	4.	11935665.156	3454.803	4.5	9.	230.	9923.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	10	1.665	1.775	4.041	0.602	1.017	1.008	0.637	0.954	2.362	3.873
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			59.569								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	10	5.5	283.55	2400.	1.5	558475.525	747.312	1.5	1.5	127.25	2183.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	10	0.724	1.226	3.38	0.176	1.252	1.119	0.176	0.176	2.067	3.278
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			16.813								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	10	11117.	7226.9	11303.	1121.	26194840.1	5118.089	1133.2	1312.	11231.	11297.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GATE0341

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	10	13.5	17.3	32.	4.	121.122	11.006	4.2	7.5	29.	31.7
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	10	3.	4.8	12.	1.	19.067	4.367	1.	1.75	10.25	11.9
00480	SALINITY - PARTS PER THOUSAND	06/18/79-07/05/88	10	17.5	16.2	21.	7.	22.844	4.78	7.4	11.75	20.25	21.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	9	7.	8.444	23.	1.5	61.965	7.872	1.5	2.25	14.5	23.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	9	0.845	0.749	1.362	0.176	0.187	0.432	0.176	0.327	1.128	1.362
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			5.607								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	9 ##	1.5	4.167	23.	1.5	50.563	7.111	1.5	1.5	2.75	23.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	9 ##	0.176	0.355	1.362	0.176	0.162	0.403	0.176	0.176	0.389	1.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.265								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	10	6173.5	6206.6	11542.	1109.	28173682.933	5307.889	1111.1	1184.75	11169.25	11512.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GATE0341

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	7	15.	17.286	33.	9.	69.571	8.341	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	10	2.	3.6	9.	1.	10.933	3.307	1.	1.	8.	8.9
00480	SALINITY - PARTS PER THOUSAND	06/18/79-07/05/88	4	17.75	18.125	21.	16.	6.396	2.529	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	8	180.	414.5	2400.	1.5	652367.357	807.693	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	8	2.249	1.865	3.38	0.176	1.259	1.122	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			73.338								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	8	9.	61.5	430.	1.5	22224.5	149.079	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	8	0.954	0.989	2.633	0.176	0.638	0.799	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.742								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	10	11127.5	8273.	11406.	1240.	22278613.333	4720.023	1268.5	1537.	11227.75	11396.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GATE0341

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	8	21.	19.	31.	2.	114.857	10.717	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	8	4.	4.75	12.	1.	11.357	3.37	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	06/18/79-07/05/88	4	21.5	21.5	25.	18.	8.333	2.887	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	8	9.	185.063	930.	1.5	112094.317	334.805	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	8	0.954	1.357	2.968	0.176	1.066	1.032	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			22.771								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	8	6.5	8.438	15.	1.5	33.817	5.815	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	8	0.778	0.808	1.176	0.176	0.136	0.369	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.428								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	8	6226.5	6301.625	11424.	1308.	27737210.554	5266.613	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0341

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	7	18.	17.571	29.	1.	97.952	9.897	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	7	2.	3.143	8.	1.	7.143	2.673	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	7	75.	259.714	1100.	4.	161237.905	401.544	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	7	1.875	1.917	3.041	0.602	0.619	0.787	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			82.541								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0341

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	7	23.	49.429	240.	4.	7252.952	85.164	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	7	1.362	1.271	2.38	0.602	0.396	0.629	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			18.655								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	7	1447.	5623.857	11348.	1314.	27927565.81	5284.654	**	**	**	**

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Annual Analysis for 1990 - Station GATE0341

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	8	19.5	20.5	31.	10.	70.857	8.418	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	8	3.5	3.625	8.	1.	5.696	2.387	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	2	16.	16.	23.	9.	98.	9.899	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	2	1.158	1.158	1.362	0.954	0.083	0.288	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			14.387								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	2 ##	5.25	5.25	9.	1.5	28.125	5.303	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	2 ##	0.565	0.565	0.954	0.176	0.303	0.55	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.674								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	8	6235.	6231.375	11334.	1225.	27959503.125	5287.675	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0341

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	8	17.5	18.625	30.	11.	50.268	7.09	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	8	6.5	6.125	12.	1.	17.839	4.224	**	**	**	**
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	8	11134.5	7563.75	11453.	1220.	26142376.5	5112.962	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0341

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	4	12.	13.25	22.	7.	50.25	7.089	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	4	4.	5.25	12.	1.	22.25	4.717	**	**	**	**
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	4	6240.5	6163.75	11142.	1032.	32342464.25	5687.044	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0341

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-05/18/92	13	23.3	22.585	25.	16.	5.721	2.392	17.6	21.85	23.95	25.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	31	23.	21.935	36.	7.	50.996	7.141	11.6	16.	27.	30.8
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	40	5.	5.1	12.	1.	9.682	3.112	2.	3.	6.	10.
00480	SALINITY - PARTS PER THOUSAND	06/18/79-07/05/88	20	22.45	21.975	26.	16.	7.163	2.676	19.	19.55	24.375	25.45
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	33	15.	196.606	2400.	1.5	208874.606	457.028	3.4	8.	195.	460.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	33	1.176	1.505	3.38	0.176	0.741	0.861	0.527	0.9	2.278	2.663
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			32.016								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	26	5.5	40.712	430.	1.5	8864.923	94.154	1.5	3.	28.	137.1
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	26	0.724	0.952	2.633	0.176	0.492	0.701	0.176	0.477	1.43	2.092
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.956								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	40	11036.	6524.725	11420.	1015.	24787903.23	4978.745	1219.	1415.75	11200.	11332.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0341

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-05/18/92	14	5.3	5.029	10.	0.	9.487	3.08	0.3	2.075	8.	9.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	45	10.	9.911	17.	0.	17.401	4.171	4.	7.5	12.	16.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	50	4.	4.92	20.	0.	18.769	4.332	1.	1.	8.	10.9
00480	SALINITY - PARTS PER THOUSAND	06/18/79-07/05/88	26	19.	17.658	23.	7.	16.215	4.027	11.	16.	21.	22.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	43	150.	806.593	11000.	1.5	3476107.265	1864.432	9.8	30.	460.	2400.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	43	2.176	2.154	4.041	0.176	0.79	0.889	0.989	1.477	2.663	3.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			142.724								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	42	15.	177.952	2400.	1.5	197998.059	444.97	1.5	4.	93.	780.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	42	1.176	1.363	3.38	0.176	0.776	0.881	0.176	0.602	1.968	2.868
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			23.072								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	50	1525.	5912.44	11530.	1032.	25060487.598	5006.045	1215.5	1313.5	11227.75	11422.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0341

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-05/18/92	25	20.	18.24	23.	10.	16.607	4.075	11.6	16.	21.5	22.4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	65	26.	23.615	35.	10.	39.115	6.254	14.6	18.5	28.5	30.4
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	65	3.	4.277	15.	0.	10.047	3.17	1.	2.	6.	9.
00480	SALINITY - PARTS PER THOUSAND	06/18/79-07/05/88	37	19.6	19.978	28.8	12.	15.432	3.928	15.4	17.1	23.05	25.2
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	59	43.	486.102	11000.	1.5	2326951.024	1525.435	1.5	4.	240.	1100.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	59	1.633	1.656	4.041	0.176	1.055	1.027	0.176	0.602	2.38	3.041
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			45.326								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	59	9.	123.424	2400.	1.5	192835.697	439.131	1.5	1.5	43.	210.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	59	0.954	1.072	3.38	0.176	0.715	0.846	0.176	0.176	1.633	2.322
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.812								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	66	11128.5	7182.439	11542.	1109.	24266180.127	4926.071	1211.4	1329.75	11246.	11400.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0342

NPS Station ID: GATE0342
LAT/LON: 40.441670/ -74.038616
Agency: 1111H030
Date Created: / /
Location: RARITAN BAY (16)
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): 402630007402190/016 /16
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030104
Depth of Water: 18
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-N.Y. METROPOLI
ECO Region:
RF1 Index: 02030104006
RF1 Mile Point: 4.680
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0342

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/14/62-08/13/64	32	16.8	13.638	26.1	0.7	71.168	8.436	1.	4.85	21.175	22.81
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/14/62-08/13/64	28	17.	13.571	27.	1.	83.143	9.118	1.9	2.25	21.	25.
00300	OXYGEN, DISSOLVED MG/L	08/14/62-08/13/64	31	8.3	8.435	12.8	4.2	5.368	2.317	5.74	6.3	10.	12.22
00400	PH (STANDARD UNITS)	02/06/64-08/13/64	3	7.8	7.8	8.	7.6	0.04	0.2	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/06/64-08/13/64	3	7.8	7.77	8.	7.6	0.041	0.203	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/06/64-08/13/64	3	0.016	0.017	0.025	0.01	0.	0.008	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/14/62-03/23/64	27	14000.	14022.222	16000.	11800.	1182564.103	1087.458	12500.	13000.	14900.	15320.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/14/62-08/13/64	30	14.	64.2	370.	4.	10982.166	104.796	5.	5.	62.5	257.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/14/62-08/13/64	30	1.142	1.323	2.568	0.602	0.414	0.644	0.699	0.699	1.795	2.41
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			21.04								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/14/62-01/15/63	26	28.5	130.154	1600.	2.	105156.375	324.278	2.	11.	56.5	407.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/14/62-01/15/63	26	1.449	1.482	3.204	0.301	0.513	0.716	0.301	1.041	1.742	2.601
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			30.343								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/14/62-01/15/63	24	15.5	55.667	350.	1.	10595.188	102.933	1.5	2.75	49.	295.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/14/62-01/15/63	24	1.188	1.161	2.544	0.	0.567	0.753	0.151	0.401	1.69	2.462
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			14.488								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/11/63-08/13/64	6 ##	2.	3.333	8.	2.	5.867	2.422	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/11/63-08/13/64	6 ##	0.301	0.452	0.903	0.301	0.063	0.252	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.828								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/14/62-08/13/64	27	10.	51.926	490.	2.	10868.148	104.25	2.	5.	40.	174.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/14/62-08/13/64	27	1.	1.166	2.69	0.301	0.443	0.666	0.301	0.699	1.602	2.236
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			14.644								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0342

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	31	0	0.00	19	0	0.00	10	0	0.00	2	0	0.00			
00400	PH	Other-Hi Lim.	9.	3	0	0.00	1	0	0.00	2	0	0.00						
		Other-Lo Lim.	6.5	3	0	0.00	1	0	0.00	2	0	0.00						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	30	0	0.00	19	0	0.00	9	0	0.00	2	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	26	1	0.04	18	0	0.00	8	1	0.13						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	24	3	0.13	16	1	0.06	8	2	0.25						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: GATE0342

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	6	0	0.00	1	0	0.00	3	0	0.00	2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0343

NPS Station ID: GATE0343
LAT/LON: 40.580559/ -74.038892
Agency: 11NOAMID
Date Created: 11/15/78
Location: RARITAN BAY
FIPS State/County: 36085 NEW YORK/RICHMOND
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): RARB69
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON NEW YORK METRO AREA
ECO Region:
RF1 Index: 02030104
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
TRACE METALS IN SEDIMENTS OF RARITAN BAY - GREIG AND MCGRATH - NOAA NATL MAR FISH SERV - MID ATLANTIC COAST FISH CEN MILFORD CT 1973 MARINE POLLUTION BULLETIN VOL 8 NO 8 AUG 1977

Parameter Inventory for Station: GATE0343

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	2 ##	1.	1.	1.5	0.5	0.5	0.707	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	2	14.5	14.5	15.	14.	0.5	0.707	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	02/01/73-05/01/73	2 ##	12.75	12.75	13.	12.5	0.125	0.354	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	02/01/73-05/01/73	2	27.	27.	30.	24.	18.	4.243	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	2 ##	4.65	4.65	5.8	3.5	2.645	1.626	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	02/01/73-05/01/73	2	53.	53.	57.	49.	32.	5.657	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GATE0344

NPS Station ID: GATE0344 LAT/LON: 40.439170/ -74.038892 Agency: 21NJDEP1 Date Created: 04/04/81
Location: SANDY HOOK BAY FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): L7006337014 /914A /SF02016
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02030104 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST MAJOR BASIN Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA ECO Region:
RF1 Index: 02030104006 RF1 Mile Point: 4.680 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J. TIDE CORRECTION (H/L): (-0:01/ 0:00)
ASSOCIATED NOAA WEATHER STATION: 7865

Parameter Inventory for Station: GATE0344

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-05/18/92	57	18.3	16.072	25.	0.	54.027	7.35	4.66	10.	22.	23.3
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	141	18.	18.872	36.	0.	72.612	8.521	8.	12.	26.	30.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	160	4.	4.856	20.	0.	13.407	3.662	1.	2.	7.75	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	138	23.	358.453	24000.	1.5	4290692.288	2071.399	1.5	4.	140.	507.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	138	1.362	1.413	4.38	0.176	0.911	0.954	0.176	0.602	2.121	2.693
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			25.86								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	129	4.	116.415	11000.	1.5	939246.942	969.148	1.5	1.5	15.	93.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	129	0.602	0.829	4.041	0.176	0.54	0.735	0.176	0.176	1.176	1.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.751								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/15/90-05/18/92	18 ##	1.5	15.861	210.	1.5	2376.853	48.753	1.5	1.5	9.1	41.7
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	05/15/90-05/18/92	18 ##	0.176	0.551	2.322	0.176	0.336	0.579	0.176	0.176	0.959	1.458
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			3.553								
31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	08/10/73-12/01/78	14	3.5	3.5	4.	3.	0.269	0.519	3.	3.	4.	4.
31678	LOG FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATI	08/10/73-12/01/78	14	0.54	0.54	0.602	0.477	0.004	0.065	0.477	0.477	0.602	0.602
31678	GM FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATIO	GEOMETRIC MEAN =			3.464								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	161	11054.	6610.075	11536.	1026.	24585655.632	4958.392	1209.4	1326.	11215.	11345.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0344

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	138	10	0.07	33	1	0.03	43	7	0.16	62	2	0.03			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	129	9	0.07	26	2	0.08	42	4	0.10	61	3	0.05			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1973 - Station GATE0344

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	7	5.	6.	12.	3.	8.	2.828	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	7	93.	131.357	460.	1.5	27721.226	166.497	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	7	1.968	1.639	2.663	0.176	0.75	0.866	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			43.537								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	7	1515.	5584.286	11200.	1100.	27336995.238	5228.479	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GATE0344

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	10	7.5	8.3	20.	0.	34.9	5.908	0.2	4.25	11.25	19.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	10	59.	230.15	1100.	1.5	124580.225	352.959	3.65	23.	460.	1036.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	10	1.754	1.811	3.041	0.176	0.7	0.837	0.295	1.362	2.663	3.004
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			64.643								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	10	8.	24.3	150.	1.5	2098.622	45.811	1.5	3.375	21.25	139.3
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	10	0.9	0.927	2.176	0.176	0.384	0.62	0.176	0.496	1.268	2.122
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.444								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	10	1372.5	5256.5	11415.	1115.	26381372.5	5136.28	1123.5	1275.	11165.	11405.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GATE0344

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	10	26.	24.9	30.	10.	32.1	5.666	11.4	24.	28.25	29.9
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	9	3.	4.111	15.	1.	21.361	4.622	1.	1.	5.5	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	10	6.5	275.	2400.	1.5	562797.944	750.199	1.5	3.375	92.25	2184.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	10	0.778	1.214	3.38	0.176	1.083	1.041	0.176	0.496	1.82	3.28
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			16.368								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	10	4.	50.45	240.	1.5	9981.636	99.908	1.5	1.5	63.	240.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	10	0.602	0.83	2.38	0.176	0.705	0.84	0.176	0.176	1.047	2.38
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.759								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	10	11215.	9268.5	11515.	1215.	17961355.833	4238.084	1218.	8670.	11333.75	11498.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GATE0344

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	7	16.	19.	32.	6.	95.667	9.781	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	7	5.	4.143	10.	0.	10.81	3.288	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	7	230.	603.	2400.	4.	781633.	884.1	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	7	2.362	2.002	3.38	0.602	1.313	1.146	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			100.393								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	7	9.	115.571	460.	1.5	30742.202	175.335	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	7	0.954	1.274	2.663	0.176	1.1	1.049	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			18.805								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	7	11145.	6980.714	11315.	1230.	27765003.571	5269.251	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station GATE0344

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	9	26.	26.556	36.	15.	45.778	6.766	15.	22.	32.	36.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	9	5.	4.889	10.	2.	6.611	2.571	2.	2.5	6.5	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	9	23.	138.889	1100.	1.5	130160.799	360.778	1.5	2.75	43.	1100.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	9	1.362	1.225	3.041	0.176	0.787	0.887	0.176	0.389	1.633	3.041
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			16.798								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	9	3.	17.111	75.	1.5	675.236	25.985	1.5	1.5	33.	75.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	9	0.477	0.739	1.875	0.176	0.479	0.692	0.176	0.176	1.498	1.875
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.487								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	9	11145.	6838.889	11430.	1200.	27798611.111	5272.439	1200.	1257.5	11322.5	11430.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GATE0344

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	6	18.5	17.167	28.	0.	108.967	10.439	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	6	1.5	3.	10.	0.	16.	4.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	6	23.	268.417	1100.	1.5	198076.842	445.058	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	6	1.362	1.513	3.041	0.176	1.313	1.146	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			32.619								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	6	6.5	83.417	460.	1.5	34097.442	184.655	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	6	0.778	1.039	2.663	0.176	0.8	0.894	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.94								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	6	11245.	7994.167	11445.	1200.	26842464.167	5180.971	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station GATE0344

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	11	15.	16.364	30.	6.	70.255	8.382	6.2	9.	23.	29.8
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	11	3.	3.636	10.	0.	10.055	3.171	0.	1.	7.	9.4
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	11	9.	23.182	93.	1.5	804.514	28.364	1.5	3.	43.	83.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	11	0.954	1.017	1.968	0.176	0.388	0.623	0.176	0.477	1.633	1.901
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			10.398								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	11	## 1.5	3.636	9.	1.5	9.705	3.115	1.5	1.5	7.	9.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	11	## 0.176	0.433	0.954	0.176	0.111	0.334	0.176	0.176	0.845	0.954
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.711								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	11	1400.	4001.909	11215.	1136.	21333420.291	4618.812	1137.8	1241.	11145.	11215.

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Annual Analysis for 1982 - Station GATE0344

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	10	17.	17.7	35.	9.	59.344	7.704	9.2	11.75	20.5	34.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	10	5.	4.9	8.	1.	4.989	2.234	1.2	3.	6.5	8.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	9	23.	55.667	240.	4.	5772.	75.974	4.	15.	76.5	240.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	9	1.362	1.456	2.38	0.602	0.276	0.526	0.602	1.176	1.837	2.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			28.572								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	8	## 12.	10.438	15.	1.5	29.817	5.46	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	8	## 1.065	0.924	1.176	0.176	0.131	0.362	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.392								

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Annual Analysis for 1982 - Station GATE0344

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	10	6323.5	6295.5	11412.	1226.	27459937.611	5240.223	1228.5	1295.25	11241.25	11395.6

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Annual Analysis for 1983 - Station GATE0344

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	11	16.	17.727	29.	7.	47.018	6.857	7.8	12.	23.	28.4
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	11	5.	5.273	10.	1.	11.018	3.319	1.2	2.	8.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	11	23.	290.5	2400.	1.5	499326.95	706.631	2.	4.	230.	1966.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	11	1.362	1.563	3.38	0.176	0.933	0.966	0.261	0.602	2.362	3.177
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			36.559								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	11	15.	20.318	91.	1.5	668.064	25.847	1.5	1.5	23.	80.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	11	1.176	0.993	1.959	0.176	0.361	0.601	0.176	0.176	1.362	1.878
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.831								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	11	1504.	5842.545	11501.	1149.	27186825.673	5214.099	1161.4	1211.	11326.	11472.6

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Annual Analysis for 1984 - Station GATE0344

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	15	17.	16.933	30.	4.	69.924	8.362	5.2	8.	23.	29.4
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	15	5.	5.867	12.	1.	13.695	3.701	1.6	3.	10.	11.4
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	15	93.	225.633	930.	1.5	101947.91	319.293	1.5	4.	390.	930.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	15	1.968	1.628	2.968	0.176	1.079	1.039	0.176	0.602	2.591	2.968
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			42.425								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	15	4.	53.667	430.	1.5	14222.274	119.257	1.5	1.5	43.	310.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	15	0.602	0.911	2.633	0.176	0.708	0.842	0.176	0.176	1.633	2.47
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.144								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	15	11049.	7265.4	11320.	1227.	24364890.4	4936.08	1278.6	1514.	11200.	11282.2

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Annual Analysis for 1985 - Station GATE0344

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	10	18.5	19.6	31.	9.	59.378	7.706	9.1	13.	26.5	30.7
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	10	4.5	4.6	9.	1.	8.489	2.914	1.1	2.	8.	8.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	10	13.5	2508.15	24000.	1.5	57107386.836	7556.943	1.5	1.5	302.25	21693.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	10	0.982	1.377	4.38	0.176	1.937	1.392	0.176	0.176	2.218	4.239
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			23.84								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	10	## 2.75	1106.95	11000.	1.5	12083088.692	3476.074	1.5	1.5	20.75	9902.3
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	10	## 0.389	0.936	4.041	0.176	1.446	1.203	0.176	0.176	1.316	3.773
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.635								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	10	11111.	7216.9	11257.	1115.	26158768.1	5114.564	1127.2	1306.	11225.	11255.3

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Annual Analysis for 1986 - Station GATE0344

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	10	13.5	17.3	32.	4.	121.122	11.006	4.2	7.5	29.	31.7
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	10	3.	4.8	12.	1.	19.067	4.367	1.	1.75	10.25	11.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	8 ##	8.25	153.625	1100.	1.5	147186.125	383.648	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	8 ##	0.676	1.008	3.041	0.176	1.126	1.061	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			10.193								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	8 ##	2.75	8.875	43.	1.5	200.839	14.172	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	8 ##	0.389	0.606	1.633	0.176	0.291	0.54	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.037								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	10	6169.5	6197.2	11536.	1103.	28211664.844	5311.465	1105.1	1148.75	11163.25	11506.3

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Annual Analysis for 1987 - Station GATE0344

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	7	15.	17.286	33.	9.	69.571	8.341	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	10	2.	3.6	9.	1.	10.933	3.307	1.	1.	8.	8.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	8	119.5	142.875	430.	3.	25778.411	160.557	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	8	1.658	1.575	2.633	0.477	0.864	0.929	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			37.553								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	7	9.	30.071	93.	1.5	1862.786	43.16	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	7	0.954	0.923	1.968	0.176	0.646	0.804	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.375								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	10	11121.5	8259.	11400.	1234.	22227724.444	4714.629	1262.5	1531.	11191.75	11390.5

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Annual Analysis for 1988 - Station GATE0344

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	8	21.	19.	31.	2.	114.857	10.717	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	8	4.	4.75	12.	1.	11.357	3.37	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	8	5.5	16.813	93.	1.5	964.853	31.062	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	8	0.724	0.837	1.968	0.176	0.296	0.544	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			6.863								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	8	3.5	3.938	9.	1.5	7.674	2.77	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	8	0.54	0.501	0.954	0.176	0.095	0.307	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.17								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	8	6220.5	6295.625	11418.	1302.	27737210.554	5266.613	**	**	**	**

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Annual Analysis for 1989 - Station GATE0344

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	7	18.	17.571	29.	1.	97.952	9.897	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	7	2.	3.143	8.	1.	7.143	2.673	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	7	23.	211.643	1100.	1.5	160589.56	400.736	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	7	1.362	1.58	3.041	0.176	0.917	0.957	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			37.997								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	7	4.	38.429	240.	1.5	7910.202	88.939	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	7	0.602	0.835	2.38	0.176	0.565	0.752	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.839								

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Annual Analysis for 1989 - Station GATE0344

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	7	1441.	5617.857	11342.	1308.	27927565.81	5284.654	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0344

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	8	19.5	20.5	31.	10.	70.857	8.418	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	8	3.5	3.625	8.	1.	5.696	2.387	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	2	## 4.25	4.25	7.	1.5	15.125	3.889	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	2	## 0.511	0.511	0.845	0.176	0.224	0.473	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			3.24								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	2	## 1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	2	## 0.176	0.176	0.176	0.176	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.5								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	8	6229.	6225.375	11328.	1219.	27959503.125	5287.675	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0344

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	8	17.5	18.625	30.	11.	50.268	7.09	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	8	6.5	6.125	12.	1.	17.839	4.224	**	**	**	**
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	8	11128.5	7552.75	11447.	1214.	26101019.357	5108.916	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0344

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	4	12.	13.25	22.	7.	50.25	7.089	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	4	4.	5.25	12.	1.	22.25	4.717	**	**	**	**
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	4	6234.5	6157.75	11136.	1026.	32342464.25	5687.044	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0344

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-05/18/92	13	23.3	22.585	25.	16.	5.721	2.392	17.6	21.85	23.95	25.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	31	23.	21.935	36.	7.	50.996	7.141	11.6	16.	27.	30.8
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	40	5.	5.1	12.	1.	9.682	3.112	2.	3.	6.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	33	9.	94.864	1100.	1.5	50067.207	223.757	1.5	1.5	43.	448.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	33	0.954	1.083	3.041	0.176	0.763	0.873	0.176	0.176	1.633	2.651
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			12.103								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	26 ##	1.5	34.096	460.	1.5	9945.18	99.726	1.5	1.5	9.	137.1
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	26 ##	0.176	0.63	2.663	0.176	0.526	0.725	0.176	0.176	0.954	2.092
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.267								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	40	11030.	6511.45	11412.	1100.	24758936.356	4975.835	1211.	1406.	11151.75	11326.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0344

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-05/18/92	14	5.3	5.029	10.	0.	9.487	3.08	0.3	2.075	8.	9.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	45	10.	9.911	17.	0.	17.401	4.171	4.	7.5	12.	16.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	50	4.	4.92	20.	0.	18.769	4.332	1.	1.	8.	10.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	43	35.	848.57	24000.	1.5	13398347.352	3660.375	3.4	15.	230.	1100.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	43	1.544	1.725	4.38	0.176	1.	1.	0.527	1.176	2.362	3.041
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			53.045								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	42	8.	299.774	11000.	1.5	2868262.502	1693.595	1.5	1.5	20.75	213.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	42	0.9	1.016	4.041	0.176	0.711	0.843	0.176	0.176	1.316	2.319
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.382								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	50	1517.	5900.46	11515.	1026.	25041435.111	5004.142	1209.5	1307.5	11219.25	11413.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0344

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-05/18/92	30	20.	18.403	23.	10.	14.197	3.768	12.	16.	21.025	22.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-05/18/92	65	26.	23.615	35.	10.	39.115	6.254	14.6	18.5	28.5	30.4
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-05/18/92	70	3.5	4.671	15.	0.	12.021	3.467	1.	2.	7.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-04/25/90	62	23.	158.831	2400.	1.5	137695.426	371.073	1.5	4.	127.25	460.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-04/25/90	62	1.362	1.372	3.38	0.176	0.828	0.91	0.176	0.602	2.067	2.663
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			23.536								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	61	4.	25.254	430.	1.5	4684.039	68.44	1.5	1.5	14.5	43.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-04/25/90	61	0.602	0.786	2.633	0.176	0.403	0.635	0.176	0.176	1.161	1.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.104								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-05/18/92	71	11119.	7165.366	11536.	1103.	24194522.635	4918.793	1165.6	1315.	11239.	11342.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0345

NPS Station ID: GATE0345
LAT/LON: 40.444448/ -74.038892
Agency: 11NOAMID
Date Created: 11/15/78
Location: RARITAN BAY
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): RARB16
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON NEW YORK METRO AREA
ECO Region:
RF1 Index: 02030104006
RF1 Mile Point: 4.680
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
TRACE METALS IN SEDIMENTS OF RARITAN BAY - GREIG AND MCGRATH - NOAA NATL MAR FISH SERV - MID ATLANTIC COAST FISH CEN MILFORD CT 1973 MARINE POLLUTION BULLETIN VOL 8 NO 8 AUG 1977

Parameter Inventory for Station: GATE0345

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	2	6.	6.	6.5	5.5	0.5	0.707	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	2	175.	175.	190.	160.	450.	21.213	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	02/01/73-05/01/73	2	345.	345.	410.	280.	8450.	91.924	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	02/01/73-05/01/73	2	200.	200.	220.	180.	800.	28.284	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	2	34.5	34.5	37.	32.	12.5	3.536	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	02/01/73-05/01/73	2	405.	405.	440.	370.	2450.	49.497	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GATE0346

NPS Station ID: GATE0346 LAT/LON: 40.607226/ -74.039449 Agency: 31ISC2RS Date Created: 11/07/81
Location: THE NARROWS EAST OF MID-CHANNEL FIPS State/County: 36047 NEW YORK/KINGS
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): UH-26 /UH26 /1426
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02030202 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METROPOLITAN AREA ECO Region:
RF1 Index: 02030202029 RF1 Mile Point: 17.240 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02030202002909.75 RF3 Mile Point: 18.97 Distance from RF3: 0.52 On/Off RF3:
Description:
NARROWS UNDER THE VERRAZANO BRIDGE, EAST OF THE MAIN CHANNEL AND YARDS WEST OF FLASHING RED LIGHT ON FORT HAMILTON (BROOKLYN)

Parameter Inventory for Station: GATE0346

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/74-06/19/74	9	7.7	9.633	19.5	2.8	38.468	6.202	2.8	3.85	15.6	19.5
00300	OXYGEN, DISSOLVED MG/L	01/16/74-06/19/74	9	8.9	7.978	10.3	4.5	4.947	2.224	4.5	5.85	9.75	10.3
00310	BOD, 5 DAY, 20 DEG C MG/L	01/16/74-06/19/74	9	2.2	2.378	3.8	1.4	0.492	0.701	1.4	1.95	2.8	3.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/16/74-06/19/74	9	0.3	0.287	0.48	0.15	0.015	0.122	0.15	0.165	0.385	0.48
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/16/74-06/19/74	9	0.04	0.046	0.07	0.03	0.	0.011	0.03	0.04	0.05	0.07
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/16/74-06/19/74	9	0.62	0.866	3.22	0.33	0.801	0.895	0.33	0.445	0.765	3.22
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/16/74-06/19/74	9	0.04	0.076	0.35	0.03	0.011	0.104	0.03	0.03	0.06	0.35
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/20/74-06/19/74	7	6.	7.286	12.	6.	4.905	2.215	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	02/20/74-06/19/74	7	28.	28.143	32.	23.	8.81	2.968	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/16/74-06/19/74	9	11700.	11222.222	13800.	5600.	6386944.444	2527.24	5600.	10050.	13300.	13800.
01027	CADMIUM, TOTAL (UG/L AS CD)	01/16/74-06/19/74	9	7.	6.639	13.	0.25	29.314	5.414	0.25	0.25	12.5	13.
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/16/74-06/19/74	9 ##	2.5	6.667	24.	2.5	54.313	7.37	2.5	2.5	10.5	24.
01042	COPPER, TOTAL (UG/L AS CU)	01/16/74-06/19/74	9	14.	18.556	55.	10.	204.278	14.293	10.	10.	20.	55.
01051	LEAD, TOTAL (UG/L AS PB)	01/16/74-06/19/74	9	50.	40.778	71.	8.	541.944	23.28	8.	17.5	59.5	71.
01067	NICKEL, TOTAL (UG/L AS NI)	01/16/74-06/19/74	9	26.	25.611	50.	2.5	256.861	16.027	2.5	10.	39.5	50.
01092	ZINC, TOTAL (UG/L AS ZN)	01/16/74-06/19/74	9	34.	57.333	265.	16.	6150.	78.422	16.	24.	43.5	265.
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	01/16/74-06/19/74	9	100.	647.778	3500.	50.	1248644.444	1117.428	50.	50.	790.	3500.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	01/16/74-06/19/74	9	2.	2.334	3.544	1.699	0.45	0.671	1.699	1.699	2.883	3.544
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			215.969								
71900	MERCURY, TOTAL (UG/L AS HG)	01/16/74-06/19/74	8 ##	0.05	0.056	0.1	0.05	0.	0.018	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0346

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	9	0	0.00				3	0	0.00	6	0	0.00			
01027	CADMIUM, TOTAL	Marine Acute	43.	9	0	0.00				3	0	0.00	6	0	0.00			
01042	COPPER, TOTAL	Marine Acute	2.9	9	9	1.00				3	3	1.00	6	6	1.00			
01051	LEAD, TOTAL	Marine Acute	220.	9	0	0.00				3	0	0.00	6	0	0.00			
01067	NICKEL, TOTAL	Marine Acute	75.	9	0	0.00				3	0	0.00	6	0	0.00			
01092	ZINC, TOTAL	Marine Acute	95.	9	1	0.11				3	1	0.33	6	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: GATE0346

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	9	4	0.44				3	3	1.00	6	1	0.17			
71900	MERCURY, TOTAL	Marine Acute	2.1	8	0	0.00				3	0	0.00	5	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0347

NPS Station ID: GATE0347
LAT/LON: 40.609726/ -74.040282
Agency: 1111H030
Date Created: / /
Location: RARITAN BAY (100)
FIPS State/County: 36085 NEW YORK/RICHMOND
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): 403635007402250/100
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030202
Depth of Water: 50
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-N.Y. METROPOLI
ECO Region:
RF1 Index: 02030202
RF1 Mile Point: 0.000
Distance from RF1: 2.80
On/Off RF1:
RF3 Index: 02030202002909.75
RF3 Mile Point: 17.38
Distance from RF3: 0.35
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0347

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/31/62-11/06/62	14	10.35	10.536	12.3	7.6	1.661	1.289	8.7	9.8	12.05	12.25
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/31/62-11/06/62	12	9.5	9.833	13.	7.	6.697	2.588	7.	7.	13.	13.
00300	OXYGEN, DISSOLVED MG/L	10/31/62-11/06/62	14	6.1	5.957	7.	5.	0.37	0.609	5.05	5.2	6.4	6.8
00940	CHLORIDE,TOTAL IN WATER MG/L	10/31/62-11/06/62	8	15500.	15125.	17000.	13000.	1839285.714	1356.203	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/31/62-11/06/62	14	9950.	12557.143	52000.	2000.	141905714.286	11912.418	3450.	7725.	13000.	34000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/31/62-11/06/62	14	3.998	3.989	4.716	3.301	0.095	0.309	3.496	3.882	4.114	4.46
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			9738.876								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/31/62-11/06/62	14	16000.	26681.429	92000.	940.	851324828.571	29177.471	5070.	9200.	35000.	92000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/31/62-11/06/62	14	4.204	4.21	4.964	2.973	0.238	0.488	3.468	3.964	4.544	4.964
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			16223.959								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/31/62-11/06/62	12	5400.	10283.333	24000.	1700.	75766969.697	8704.422	2180.	3500.	20500.	24000.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/31/62-11/06/62	12	3.732	3.859	4.38	3.23	0.151	0.389	3.317	3.544	4.308	4.38
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7223.585								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/31/62-11/06/62	9	2300.	2215.556	7700.	50.	6028802.778	2455.362	50.	145.	3250.	7700.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/31/62-11/06/62	9	3.362	2.936	3.886	1.699	0.603	0.777	1.699	2.139	3.511	3.886
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			863.172								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0347

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	14	0	0.00	4	0	0.00	10	0	0.00						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	14	14	1.00	4	4	1.00	10	10	1.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	14	13	0.93	4	4	1.00	10	9	0.90						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	12	12	1.00	4	4	1.00	8	8	1.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0348

NPS Station ID: GATE0348
LAT/LON: 40.586115/ -74.040282
Agency: 1111H030
Date Created: / /
Location: RARITAN BAY (69)
FIPS State/County: 36085 NEW YORK/RICHMOND
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): 403510007402250/069 /69
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030104
Depth of Water: 40
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-N.Y. METROPOLI
ECO Region:
RF1 Index: 02030104
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0348

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/13/63-09/17/68	68	17.65	14.254	25.3	0.4	50.661	7.118	1.96	8.2	19.975	21.3
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/13/63-09/17/68	54	20.	20.519	35.	4.	59.603	7.72	8.	15.	27.	29.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/29/68-09/17/68	6	2.05	3.533	8.7	1.9	7.411	2.722	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	09/17/68-09/17/68	1	60.	60.	60.	60.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/23/63-07/09/68	16	32400.	33043.75	40000.	27400.	12147958.333	3485.392	27820.	30850.	36350.	37900.
00300	OXYGEN, DISSOLVED MG/L	02/13/63-09/17/68	67	6.5	6.758	10.8	2.5	5.242	2.289	4.06	4.7	9.3	10.04
00310	BOD, 5 DAY, 20 DEG C MG/L	03/05/63-09/29/64	26	2.1	1.962	3.1	0.	0.389	0.624	1.27	1.6	2.4	2.58
00340	COD, .25N K2CR2O7 MG/L	03/16/64-03/16/64	2	117.	117.	129.	105.	288.	16.971	**	**	**	**
00400	PH (STANDARD UNITS)	03/16/64-03/16/64	2	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/16/64-03/16/64	2	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/16/64-03/16/64	2	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/16/64-03/16/64	2	0.335	0.335	0.4	0.27	0.008	0.092	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/16/64-09/29/64	3	0.02	0.037	0.08	0.01	0.001	0.038	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/16/64-07/09/68	6	0.13	0.157	0.32	0.08	0.007	0.085	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/29/68-04/29/68	2	0.325	0.325	0.41	0.24	0.014	0.12	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/16/64-07/09/68	5	0.42	0.438	0.72	0.24	0.032	0.18	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/29/68-07/09/68	4	5.	5.	6.	4.	0.667	0.816	**	**	**	**
00910	CALCIUM (MG/L AS CACO3)	07/09/68-07/09/68	2	13550.	13550.	13900.	13200.	245000.	494.975	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	02/13/63-04/29/68	63	14100.	13742.857	16300.	8400.	3139585.253	1771.887	11140.	13000.	15100.	15520.
01040	COPPER, DISSOLVED (UG/L AS CU)	04/29/68-04/29/68	2	90.	90.	110.	70.	800.	28.284	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	04/29/68-09/17/68	6	250.	328.333	930.	90.	95056.667	308.313	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	04/29/68-09/17/68	6	50.	111.833	330.	1.	17532.567	132.411	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/08/63-07/09/68	16	8350.	33050.	230000.	2200.	3546894666.667	59555.811	2550.	3850.	37250.	134800.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/08/63-07/09/68	16	3.919	4.059	5.362	3.342	0.367	0.606	3.405	3.585	4.54	5.09
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			11442.002								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/13/63-09/10/63	46	7300.	13828.696	92000.	230.	377157713.816	19420.549	1370.	3300.	16000.	35000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/13/63-09/10/63	46	3.848	3.842	4.964	2.362	0.288	0.537	3.136	3.519	4.204	4.544
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			6944.239								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/13/63-09/10/63	46	1550.	4232.826	24000.	80.	37586105.169	6130.751	330.	715.	5025.	16000.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/13/63-09/10/63	46	3.188	3.233	4.38	1.903	0.373	0.61	2.519	2.846	3.701	4.204
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1708.743								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/08/63-02/03/64	41	1300.	3914.683	35000.	16.	52636121.322	7255.076	58.8	275.	3000.	12800.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/08/63-02/03/64	41	3.114	3.016	4.544	1.204	0.654	0.809	1.768	2.439	3.476	4.107
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1036.986								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	02/13/63-02/03/64	57	210.	426.842	2600.	8.	280953.992	530.051	51.2	89.	600.	1092.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	02/13/63-02/03/64	57	2.322	2.336	3.415	0.903	0.296	0.544	1.709	1.949	2.778	3.032
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			216.886								
70305	SALINITY BASED ON CONDUCTIVITY	04/29/68-07/09/68	4	23.2	22.175	25.7	16.6	15.369	3.92	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0348

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	6	0	0.00	2	0	0.00				4	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	67	6	0.09	11	1	0.09	12	0	0.00	44	5	0.11			
00400	PH	Other-Hi Lim.	9.	2	0	0.00				2	0	0.00						
		Other-Lo Lim.	6.5	2	0	0.00				2	0	0.00						
01040	COPPER, DISSOLVED	Marine Acute	2.9	2	2	1.00							2	2	1.00			
01090	ZINC, DISSOLVED	Marine Acute	95.	6	2	0.33	2	0	0.00				4	2	0.50			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	16	16	1.00	1	1	1.00	2	2	1.00	13	13	1.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	46	44	0.96	8	8	1.00	6	4	0.67	32	32	1.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	46	44	0.96	8	8	1.00	6	4	0.67	32	32	1.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	41	34	0.83	8	8	1.00	2	2	1.00	31	24	0.77			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0349

NPS Station ID: GATE0349 LAT/LON: 40.432781/ -74.040559 Agency: 21NJDEP1 Date Created: 04/04/81
Location: SANDY HOOK BAY FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): L7006036976 /912 /SF02020
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02030104 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST MAJOR BASIN Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA ECO Region:
RF1 Index: 02030104006 RF1 Mile Point: 5.610 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J. TIDE CORRECTION (H/L): (-0:01/ 0:00)
ASSOCIATED NOAA WEATHER STATION: 7865

Parameter Inventory for Station: GATE0349

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	57	18.3	16.072	25.	0.	54.027	7.35	4.66	10.	22.	23.3
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	157	19.	19.232	36.	0.	68.787	8.294	8.	12.	26.	29.2
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	176	4.	4.676	20.	0.	12.917	3.594	1.	2.	7.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	152	15.	214.546	11000.	1.5	945109.011	972.167	1.5	4.	93.	430.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	152	1.176	1.282	4.041	0.176	0.784	0.885	0.176	0.602	1.968	2.633
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			19.161								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	144	4.	32.816	930.	1.5	11027.013	105.01	1.5	1.5	15.	43.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	144	0.602	0.814	2.968	0.176	0.431	0.657	0.176	0.176	1.176	1.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.52								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/15/90-05/18/92	18 ##	1.5	7.861	93.	1.5	457.347	21.386	1.5	1.5	3.6	17.49
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	05/15/90-05/18/92	18 ##	0.176	0.443	1.968	0.176	0.217	0.465	0.176	0.176	0.556	1.06
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			2.772								
31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	08/10/73-12/01/78	14	3.5	3.5	4.	3.	0.269	0.519	3.	3.	4.	4.
31678	LOG FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATI	08/10/73-12/01/78	14	0.54	0.54	0.602	0.477	0.004	0.065	0.477	0.477	0.602	0.602
31678	GM FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATIO	GEOMETRIC MEAN =			3.464								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	177	11045.	6628.09	11527.	1014.	24576444.469	4957.464	1200.	1330.	11204.	11347.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0349

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	152	7	0.05	38	0	0.00	45	5	0.11	69	2	0.03			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	144	7	0.05	31	1	0.03	44	2	0.05	69	4	0.06			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1973 - Station GATE0349

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	7	5.	6.	12.	3.	8.	2.828	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	7	15.	114.857	460.	7.	27467.143	165.732	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	7	1.176	1.58	2.663	0.845	0.548	0.74	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			37.985								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	7	1430.	5521.429	11115.	1145.	27062380.952	5202.152	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GATE0349

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	10	7.5	8.3	20.	0.	34.9	5.908	0.2	4.25	11.25	19.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	10	68.	155.2	460.	3.	32805.733	181.124	3.4	13.	295.	460.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	10	1.801	1.745	2.663	0.477	0.6	0.775	0.514	1.093	2.451	2.663
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			55.596								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	10	8.	15.4	43.	1.5	267.544	16.357	1.5	2.625	28.	43.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	10	0.9	0.904	1.633	0.176	0.318	0.564	0.176	0.402	1.43	1.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.008								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	10	1400.	5285.	11400.	1145.	26657177.778	5163.059	1150.5	1233.75	11250.	11400.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GATE0349

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	10	26.	24.9	30.	10.	32.1	5.666	11.4	24.	28.25	29.9
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	9	3.	4.111	15.	1.	21.361	4.622	1.	1.	5.5	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	10	19.	176.1	1100.	1.5	124783.378	353.247	1.5	7.125	184.75	1036.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	10	1.269	1.433	3.041	0.176	0.884	0.94	0.176	0.76	2.142	3.004
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			27.08								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	10	8.	60.15	460.	1.5	20503.058	143.189	1.5	1.5	34.5	423.3
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	10	0.9	0.969	2.663	0.176	0.661	0.813	0.176	0.176	1.374	2.593
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.314								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	10	11200.	9253.5	11500.	1200.	17961355.833	4238.084	1203.	8655.	11318.75	11483.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GATE0349

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	7	16.	19.	32.	6.	95.667	9.781	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	7	5.	4.143	10.	0.	10.81	3.288	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	7	23.	389.857	2400.	15.	790589.476	889.151	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	7	1.362	1.773	3.38	1.176	0.659	0.812	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			59.303								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	7	23.	26.643	93.	1.5	1098.976	33.151	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	7	1.362	0.979	1.968	0.176	0.606	0.778	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.53								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	7	11130.	6960.	11300.	1215.	27839641.667	5276.328	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station GATE0349

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	9	26.	26.556	36.	15.	45.778	6.766	15.	22.	32.	36.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	9	5.	4.889	10.	2.	6.611	2.571	2.	2.5	6.5	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	9	9.	87.333	460.	1.5	25381.438	159.316	1.5	2.75	141.5	460.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	9	0.954	1.172	2.663	0.176	0.826	0.909	0.176	0.389	2.007	2.663
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			14.862								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	9	4.	36.111	240.	1.5	6038.799	77.71	1.5	2.75	33.	240.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	9	0.602	0.904	2.38	0.176	0.543	0.737	0.176	0.389	1.498	2.38
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.016								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	9	11130.	6810.556	11415.	1145.	27868177.778	5279.032	1145.	1222.5	11307.5	11415.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GATE0349

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	6	18.5	17.167	28.	0.	108.967	10.439	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	6	1.5	3.	10.	0.	16.	4.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	6	50.	818.083	2400.	1.5	1502637.442	1225.821	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	6	1.407	1.766	3.38	0.176	1.895	1.377	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			58.326								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	6	8.	17.917	43.	1.5	384.042	19.597	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	6	0.9	0.974	1.633	0.176	0.332	0.577	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.42								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	6	11230.	7972.5	11430.	1145.	26951437.5	5191.477	**	**	**	**

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Annual Analysis for 1981 - Station GATE0349

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	11	15.	16.364	30.	6.	70.255	8.382	6.2	9.	23.	29.8
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	11	3.	3.636	10.	0.	10.055	3.171	0.	1.	7.	9.4
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	11	4.	66.182	460.	1.5	19467.464	139.526	1.5	1.5	93.	398.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	11	0.602	0.924	2.663	0.176	0.824	0.908	0.176	0.176	1.968	2.565
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			8.393								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	11	3.	48.773	460.	1.5	18755.968	136.952	1.5	1.5	15.	376.6
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	11	0.477	0.73	2.663	0.176	0.638	0.799	0.176	0.176	1.176	2.457
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.375								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	11	1345.	3980.455	11200.	1124.	21370336.873	4622.806	1125.2	1229.	11130.	11200.

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Annual Analysis for 1982 - Station GATE0349

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	10	17.	17.7	35.	9.	59.344	7.704	9.2	11.75	20.5	34.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	10	5.	4.9	8.	1.	4.989	2.234	1.2	3.	6.5	8.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	8	36.	104.75	430.	15.	22877.071	151.252	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	8	1.556	1.684	2.633	1.176	0.292	0.54	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			48.329								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	7 ##	15.	13.643	36.	1.5	127.893	11.309	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	7 ##	1.176	0.974	1.556	0.176	0.206	0.454	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.416								

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Annual Analysis for 1982 - Station GATE0349

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	10	6311.5	6275.5	11400.	1214.	27548026.5	5248.621	1216.5	1253.25	11229.25	11383.6

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Annual Analysis for 1983 - Station GATE0349

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	11	16.	17.727	29.	7.	47.018	6.857	7.8	12.	23.	28.4
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	11	5.	5.273	10.	1.	11.018	3.319	1.2	2.	8.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	11	15.	1043.409	11000.	1.5	10909502.041	3302.954	2.	4.	93.	8846.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	11	1.176	1.459	4.041	0.176	1.183	1.088	0.261	0.602	1.968	3.705
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			28.768								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	11	9.	46.318	430.	1.5	16219.714	127.357	1.8	4.	15.	347.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	11	0.954	0.957	2.633	0.176	0.417	0.646	0.236	0.602	1.176	2.342
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.062								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	11	1452.	5812.364	11449.	1137.	27287059.855	5223.702	1141.4	1159.	11314.	11428.6

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Annual Analysis for 1984 - Station GATE0349

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	15	17.	16.933	30.	4.	69.924	8.362	5.2	8.	23.	29.4
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	15	5.	5.867	12.	1.	13.695	3.701	1.6	3.	10.	11.4
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	15	9.	114.3	930.	1.5	62913.1	250.825	1.5	4.	93.	630.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	15	0.954	1.235	2.968	0.176	0.791	0.889	0.176	0.602	1.968	2.767
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			17.195								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	15	4.	30.133	230.	1.5	4472.445	66.876	1.5	1.5	9.	182.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	15	0.602	0.784	2.362	0.176	0.508	0.713	0.176	0.176	0.954	2.25
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.08								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	15	11037.	7250.733	11308.	1215.	24342513.638	4933.813	1266.6	1502.	11148.	11270.2

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Annual Analysis for 1985 - Station GATE0349

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	10	18.5	19.6	31.	9.	59.378	7.706	9.1	13.	26.5	30.7
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	10	4.5	4.6	9.	1.	8.489	2.914	1.1	2.	8.	8.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	10 ##	2.75	249.25	2400.	1.5	571263.847	755.82	1.5	1.5	28.	2164.3
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	10 ##	0.389	0.903	3.38	0.176	1.076	1.038	0.176	0.176	1.43	3.206
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			8.006								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	10 ##	1.5	95.9	930.	1.5	85899.044	293.085	1.5	1.5	7.5	837.9
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	10 ##	0.176	0.643	2.968	0.176	0.762	0.873	0.176	0.176	0.872	2.767
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.392								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	10	11079.	7200.9	11245.	1103.	26124322.767	5111.196	1115.2	1294.	11213.	11243.3

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Annual Analysis for 1986 - Station GATE0349

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	10	13.5	17.3	32.	4.	121.122	11.006	4.2	7.5	29.	31.7
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	10	3.	4.8	12.	1.	19.067	4.367	1.	1.75	10.25	11.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	8	9.5	41.375	240.	3.	6604.268	81.267	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	8	0.889	1.083	2.38	0.477	0.461	0.679	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			12.118								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	8 ##	2.75	35.25	240.	1.5	6899.214	83.062	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	8 ##	0.389	0.75	2.38	0.176	0.63	0.794	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.628								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	10	6163.5	6178.4	11524.	1051.	28288340.044	5318.678	1057.1	1136.75	11151.25	11494.3

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Annual Analysis for 1987 - Station GATE0349

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	7	15.	17.286	33.	9.	69.571	8.341	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	10	2.	3.6	9.	1.	10.933	3.307	1.	1.	8.	8.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	8	30.	54.5	230.	1.5	5950.214	77.138	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	8	1.457	1.259	2.362	0.176	0.642	0.801	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			18.167								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	8	6.5	28.5	93.	1.5	1634.214	40.425	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	8	0.778	0.961	1.968	0.176	0.541	0.735	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.131								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	10	11109.5	8239.	11348.	1222.	22173013.333	4708.823	1250.5	1519.	11169.75	11338.5

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Annual Analysis for 1988 - Station GATE0349

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	8	21.	19.	31.	2.	114.857	10.717	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	8	4.	4.75	12.	1.	11.357	3.37	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	8	6.5	20.625	93.	1.5	1041.911	32.279	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	8	0.778	0.883	1.968	0.176	0.416	0.645	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			7.644								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	8	4.	15.75	93.	1.5	982.714	31.348	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	8	0.602	0.754	1.968	0.176	0.327	0.572	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.681								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	8	1511.5	5099.375	11406.	1250.	26087634.268	5107.606	**	**	**	**

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Annual Analysis for 1989 - Station GATE0349

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	7	18.	17.571	29.	1.	97.952	9.897	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	7	2.	3.143	8.	1.	7.143	2.673	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	7	23.	86.571	240.	7.	11530.952	107.382	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	7	1.362	1.548	2.38	0.845	0.446	0.668	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			35.29								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	7	7.	11.071	43.	1.5	206.036	14.354	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	7	0.845	0.824	1.633	0.176	0.201	0.449	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.666								

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Annual Analysis for 1989 - Station GATE0349

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	7	1429.	5600.143	11330.	1256.	27985259.143	5290.11	**	**	**	**

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Annual Analysis for 1990 - Station GATE0349

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	8	19.5	20.5	31.	10.	70.857	8.418	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	8	3.5	3.625	8.	1.	5.696	2.387	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	2 ##	11.25	11.25	21.	1.5	190.125	13.789	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	2 ##	0.749	0.749	1.322	0.176	0.657	0.81	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			5.612								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	2 ##	0.176	0.176	0.176	0.176	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.5								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	8	6217.	6208.375	11316.	1207.	28015890.268	5293.004	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0349

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	8	17.5	18.625	30.	11.	50.268	7.09	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	8	6.5	6.125	12.	1.	17.839	4.224	**	**	**	**
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	8	11116.5	7530.75	11435.	1202.	26126396.5	5111.399	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0349

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	7	22.	19.	28.	7.	77.333	8.794	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	7	4.	4.429	12.	1.	13.619	3.69	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	3	15.	11.333	15.	4.	40.333	6.351	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	3	1.176	0.985	1.176	0.602	0.11	0.331	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			9.655								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	3	4.	4.667	7.	3.	4.333	2.082	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	3	0.602	0.641	0.845	0.477	0.035	0.187	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.38								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	7	11013.	6870.143	11242.	1014.	27851892.476	5277.489	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station GATE0349

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	5	25.	25.4	27.	24.	1.3	1.14	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	5	4.	3.6	5.	1.	2.3	1.517	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	5	4.	6.4	21.	1.5	68.175	8.257	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	5	0.602	0.576	1.322	0.176	0.22	0.469	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			3.764								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station GATE0349

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	5	4.	5.2	15.	1.5	31.575	5.619	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	5	0.602	0.546	1.176	0.176	0.169	0.411	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.519								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	5	11302.	9428.8	11527.	1548.	19423393.7	4407.198	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station GATE0349

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	6	18.5	18.5	24.	13.	19.5	4.416	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	6	1.	1.5	4.	0.	1.9	1.378	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	6	23.	198.667	1100.	1.5	195380.167	442.018	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	6	1.055	1.19	3.041	0.176	1.277	1.13	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			15.474								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	6	## 2.75	6.75	23.	1.5	71.875	8.478	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	6	## 0.389	0.574	1.362	0.176	0.248	0.498	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.753								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	6	6325.	6379.333	11450.	1424.	29075543.467	5392.174	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station GATE0349

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	2	20.25	20.25	26.5	14.	78.125	8.839	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	2	4.5	4.5	8.	1.	24.5	4.95	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	1	## 1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	1	## 0.176	0.176	0.176	0.176	0.	0.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1.5								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	1	## 1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	1	## 0.176	0.176	0.176	0.176	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.5								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	2	6223.5	6223.5	11120.	1327.	47951424.5	6924.697	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0349

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	13	23.3	22.585	25.	16.	5.721	2.392	17.6	21.85	23.95	25.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	36	23.	22.194	36.	7.	44.447	6.667	13.1	17.25	26.75	30.3
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	45	4.	4.822	12.	0.	9.559	3.092	1.	2.5	6.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	38	11.	53.224	460.	1.5	10289.482	101.437	1.5	4.	23.	240.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	38	1.011	1.08	2.663	0.176	0.552	0.743	0.176	0.602	1.362	2.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			12.021								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	31	4.	16.597	240.	1.5	2033.507	45.094	1.5	1.5	9.	39.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	31	0.602	0.657	2.38	0.176	0.337	0.581	0.176	0.176	0.954	1.579
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.54								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	45	1605.	6154.756	11400.	1124.	24654789.28	4965.359	1159.	1400.	11130.5	11282.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0349

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	14	5.3	5.029	10.	0.	9.487	3.08	0.3	2.075	8.	9.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	47	10.	10.085	17.	0.	17.384	4.169	4.	8.	13.	16.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	52	4.	4.769	20.	0.	18.612	4.314	1.	1.	8.	10.7
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	45	39.	268.844	2400.	1.5	387965.782	622.869	1.5	8.	121.5	1100.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	45	1.591	1.562	3.38	0.176	0.825	0.908	0.176	0.9	2.072	3.041
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			36.5								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	44	9.	42.705	930.	1.5	20433.26	142.945	1.5	1.5	23.	93.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	44	0.954	0.949	2.968	0.176	0.461	0.679	0.176	0.176	1.362	1.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.902								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	52	1505.	5903.115	11500.	1014.	25094206.692	5009.412	1204.1	1276.	11207.75	11400.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0349

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	30	20.	18.403	23.	10.	14.197	3.768	12.	16.	21.025	22.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	74	26.	23.601	35.	10.	37.185	6.098	14.5	18.75	28.	30.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	79	4.	4.532	15.	0.	11.38	3.373	1.	2.	7.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	69	9.	267.978	11000.	1.5	1822671.172	1350.063	1.5	3.5	92.	460.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	69	0.954	1.211	4.041	0.176	0.827	0.909	0.176	0.54	1.964	2.663
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			16.27								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	69	4.	33.797	460.	1.5	9186.819	95.848	1.5	1.5	15.	43.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	69	0.602	0.799	2.663	0.176	0.443	0.666	0.176	0.176	1.176	1.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.289								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	80	11115.	7365.575	11527.	1051.	23796399.918	4878.155	1200.	1318.	11228.	11393.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0350

NPS Station ID: GATE0350
LAT/LON: 40.451115/ -74.041392
Agency: 21NJDEP1
Date Created: 04/04/81
Location: SANDY HOOK BAY
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): L7009637088 /916D /SF02042 /C5
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST MAJOR BASIN
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA
ECO Region:
RF1 Index: 02030104006
RF1 Mile Point: 4.680
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J.
TIDE CORRECTION (H/L): (-0:01/ 0:00)
ASSOCIATED NOAA WEATHER STATION: 7865

Parameter Inventory for Station: GATE0350

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GATE0351

NPS Station ID: GATE0351 LAT/LON: 40.641559/ -74.042059 Agency: 11NYCOR Date Created: 09/08/79
Location: BAY RIDGE CHNL.NEAR BAY RIDGE LT.AND SDP-BKLYN. FIPS State/County: 36047 NEW YORK/KINGS
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): NYCOR346
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02030201 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METRO AREA ECO Region:
RF1 Index: 02030201001 RF1 Mile Point: 1.690 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02030202002909.75 RF3 Mile Point: 15.23 Distance from RF3: 0.01 On/Off RF3:
Description:
NEW YORK CORPS OF ENGINEERS DREDGING STUDIES

Parameter Inventory for Station: GATE0351

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	11/26/71-11/27/71	2	150.	150.	185.	115.	2450.	49.497	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	11/26/71-11/27/71	2	139.	139.	155.	123.	512.	22.627	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	11/26/71-11/27/71	2	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GATE0352

NPS Station ID: GATE0352
LAT/LON: 40.608616/ -74.043337
Agency: 1111H030
Date Created: / /
Location: RARITAN BAY (101)
FIPS State/County: 36085 NEW YORK/RICHMOND
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): 403631007402360/101
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030202
Depth of Water: 80
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-N.Y. METROPOLI
ECO Region:
RF1 Index: 02030202
RF1 Mile Point: 0.000
Distance from RF1: 0.70
On/Off RF1:
RF3 Index: 02030201000101.63
RF3 Mile Point: 6.89
Distance from RF3: 0.30
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0352

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/01/62-03/20/68	73	14.	14.377	24.5	1.5	45.167	6.721	3.62	9.8	20.4	22.06
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/01/62-09/20/66	64	18.	17.18	28.	0.	65.146	8.071	7.	8.625	24.	28.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/24/66-09/20/66	8	2.85	3.325	7.5	1.5	3.265	1.807	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	03/14/68-03/14/68	1	36.	36.	36.	36.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/12/63-11/12/63	15	30200.	30193.333	33000.	28200.	2077809.524	1441.461	28320.	28800.	31200.	32520.
00300	OXYGEN, DISSOLVED MG/L	08/01/62-03/20/68	74	5.4	5.716	10.	2.3	3.57	1.889	3.75	4.3	6.7	9.05
00310	BOD, 5 DAY, 20 DEG C MG/L	08/01/62-03/20/68	30	2.25	2.223	3.7	1.	0.385	0.62	1.32	1.8	2.725	2.99
00340	COD, .25N K2CR2O7 MG/L	10/13/64-09/20/66	21	97.	103.333	197.	12.	2470.233	49.701	28.8	70.	138.	176.2
00400	PH (STANDARD UNITS)	10/13/64-03/14/68	23	7.4	7.43	8.2	6.4	0.225	0.474	6.6	7.1	7.8	8.06
00400	CONVERTED PH (STANDARD UNITS)	10/13/64-03/14/68	23	7.4	7.147	8.2	6.4	0.309	0.556	6.6	7.1	7.8	8.06
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/13/64-03/14/68	23	0.04	0.071	0.398	0.006	0.012	0.107	0.009	0.016	0.079	0.289
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/23/66-08/23/66	4	0.325	0.27	0.36	0.07	0.018	0.135	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/12/63-09/20/66	38	0.04	0.047	0.09	0.01	0.	0.022	0.02	0.03	0.07	0.08
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/12/63-09/20/66	36	0.1	0.121	0.39	0.	0.01	0.099	0.02	0.04	0.17	0.269
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/26/66-09/20/66	9	0.81	0.87	1.42	0.48	0.096	0.31	0.48	0.575	1.095	1.42
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/26/66-03/20/68	7	0.48	0.499	0.77	0.32	0.02	0.141	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/12/63-09/20/66	38	0.61	0.671	2.6	0.21	0.156	0.395	0.285	0.448	0.8	0.975
00940	CHLORIDE,TOTAL IN WATER MG/L	08/01/62-09/20/66	59	14500.	14282.034	16100.	7200.	1963340.62	1401.193	12230.	14000.	15000.	15500.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/01/62-03/20/68	69	24000.	49565.217	350000.	500.	4352229654.731	65971.431	4600.	8250.	65000.	130000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/01/62-03/20/68	69	4.38	4.366	5.544	2.699	0.33	0.575	3.663	3.916	4.813	5.114
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			23206.265								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/31/62-11/30/62	18	23000.	29883.333	92000.	3500.	626903823.529	25038.048	6650.	14750.	35000.	92000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/31/62-11/30/62	18	4.361	4.345	4.964	3.544	0.129	0.359	3.815	4.163	4.544	4.964
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			22141.626								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/31/62-11/30/62	18	5000.	7535.556	24000.	540.	49670520.261	7047.732	684.	2925.	10150.	22200.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/31/62-11/30/62	18	3.698	3.682	4.38	2.732	0.212	0.46	2.834	3.464	4.001	4.346
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4806.426								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/12/63-03/20/68	33	5900.	7496.364	28000.	100.	46383436.364	6810.539	1160.	2350.	11000.	17800.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/12/63-03/20/68	33	3.771	3.67	4.447	2.	0.247	0.497	3.058	3.371	4.041	4.249
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4682.558								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/01/62-09/20/66	52	680.	2258.538	39000.	30.	42152257.587	6492.477	87.6	200.	1300.	3470.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/01/62-09/20/66	52	2.833	2.775	4.591	1.477	0.41	0.641	1.942	2.301	3.114	3.54
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			595.135								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	10/13/64-09/20/66	21	5.	8.286	57.	0.	176.314	13.278	0.	0.	10.	27.8
70305	SALINITY BASED ON CONDUCTIVITY	03/14/68-03/14/68	3	21.5	21.833	22.8	21.2	0.723	0.85	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0352

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	8	0	0.00	2	0	0.00	2	0	0.00	4	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	74	13	0.18	35	12	0.34	30	0	0.00	9	1	0.11			
00400	PH	Other-Hi Lim.	9.	23	0	0.00	5	0	0.00	9	0	0.00	9	0	0.00			
		Other-Lo Lim.	6.5	23	2	0.09	5	1	0.20	9	1	0.11	9	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	69	68	0.99	34	34	1.00	26	25	0.96	9	9	1.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	18	18	1.00	4	4	1.00	14	14	1.00						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	18	18	1.00	4	4	1.00	14	14	1.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	33	32	0.97	19	18	0.95	10	10	1.00	4	4	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1962 - Station GATE0352

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/01/62-03/20/68	28	11.5	14.407	22.7	8.7	31.896	5.648	8.7	10.	21.675	22.11
00300	OXYGEN, DISSOLVED MG/L	08/01/62-03/20/68	28	5.75	5.657	7.7	3.7	1.122	1.059	3.99	4.8	6.45	6.95
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/01/62-03/20/68	27	14000.	30803.704	240000.	3100.	2306472678.063	48025.75	3740.	6400.	35000.	79600.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/01/62-03/20/68	27	4.146	4.194	5.38	3.491	0.238	0.488	3.573	3.806	4.544	4.898
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			15649.437								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1963 - Station GATE0352

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/01/62-03/20/68	19	19.	18.458	21.9	11.	10.391	3.224	11.	18.7	20.	21.7
00300	OXYGEN, DISSOLVED MG/L	08/01/62-03/20/68	20	4.35	4.435	6.2	2.7	0.717	0.847	3.43	3.85	4.8	5.85
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/01/62-03/20/68	21	34000.	47261.905	110000.	8000.	896646476.19	29944.056	8540.	28000.	74000.	86800.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/01/62-03/20/68	21	4.531	4.563	5.041	3.903	0.124	0.352	3.931	4.447	4.867	4.939
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			36595.785								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1964 - Station GATE0352

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/01/62-03/20/68	2	12.	12.	15.4	8.6	23.12	4.808	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/01/62-03/20/68	2	5.95	5.95	6.3	5.6	0.245	0.495	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1965 - Station GATE0352

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/01/62-03/20/68	11	14.	12.7	23.	1.5	67.34	8.206	1.9	4.7	22.5	22.9
00300	OXYGEN, DISSOLVED MG/L	08/01/62-03/20/68	11	6.3	6.3	10.	2.3	7.076	2.66	2.38	4.3	8.4	9.94
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/01/62-03/20/68	11	49000.	98118.182	350000.	500.14	18202363	6.364	119088.302	700.	6300.	180000.	332000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/01/62-03/20/68	11	4.69	4.44	5.544	2.699	0.876	0.936	2.794	3.799	5.255	5.518
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			27573.369								

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Annual Analysis for 1966 - Station GATE0352

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/01/62-03/20/68	9	14.	13.444	24.5	2.5	73.913	8.597	2.5	3.85	21.2	24.5
00300	OXYGEN, DISSOLVED MG/L	08/01/62-03/20/68	9	6.1	6.444	9.9	3.1	6.96	2.638	3.1	4.25	9.55	9.9
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/01/62-03/20/68	9	18000.	56877.778	180000.	6400.	4772559444.444	69083.713	6400.	7750.	130000.	180000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/01/62-03/20/68	9	4.255	4.404	5.255	3.806	0.357	0.597	3.806	3.887	5.114	5.255
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			25345.443								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1968 - Station GATE0352

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/01/62-03/20/68	4	2.35	2.675	3.8	2.2	0.582	0.763	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/01/62-03/20/68	4	9.05	9.175	9.8	8.8	0.203	0.45	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/01/62-03/20/68	1	4600.	4600.	4600.	4600.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/01/62-03/20/68	1	3.663	3.663	3.663	3.663	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4600.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0353

NPS Station ID: GATE0353
LAT/LON: 40.461393/ -74.043893
Agency: 21NJDEP1
Date Created: 04/04/81
Location: SANDY HOOK BAY
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): L7012537152 /918 /SF02040
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST MAJOR BASIN
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA
ECO Region:
RF1 Index: 02030104
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J.
TIDE CORRECTION (H/L): (-0:01/ 0:00)
ASSOCIATED NOAA WEATHER STATION: 7865

Parameter Inventory for Station: GATE0353

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	53	20.	15.849	25.	0.	57.301	7.57	3.98	9.	22.	23.3
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	157	19.	19.232	36.	0.	68.787	8.294	8.	12.	26.	29.2
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	171	4.	4.526	20.	0.	12.239	3.498	1.	2.	6.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	151	75.	460.57	11000.	1.5	1386974.78	1177.699	1.5	9.	240.	1420.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	151	1.875	1.755	4.041	0.176	1.009	1.004	0.176	0.954	2.38	3.149
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			56.906								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	143	9.	93.28	2400.	1.5	71098.773	266.644	1.5	1.5	43.	236.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	143	0.954	1.126	3.38	0.176	0.696	0.834	0.176	0.176	1.633	2.373
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			13.376								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/15/90-05/18/92	18	3.3	11.172	93.	1.5	526.757	22.951	1.5	1.5	4.975	48.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	05/15/90-05/18/92	18	0.517	0.588	1.968	0.176	0.301	0.548	0.176	0.176	0.657	1.667
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			3.876								
31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	08/10/73-12/01/78	14	3.5	3.5	4.	3.	0.269	0.519	3.	3.	4.	4.
31678	LOG FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATI	08/10/73-12/01/78	14	0.54	0.54	0.602	0.477	0.004	0.065	0.477	0.477	0.602	0.602
31678	GM FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATIO	GEOMETRIC MEAN =			3.464								
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	09/19/90-09/19/90	1	##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	09/19/90-09/19/90	1	##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
32104	BROMOFORM,WHOLE WATER,UG/L	09/19/90-09/19/90	1	##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	09/19/90-09/19/90	1	##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
32106	CHLOROFORM,WHOLE WATER,UG/L	09/19/90-09/19/90	1	##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/19/90-09/19/90	1	##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	09/19/90-09/19/90	1	##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
34200	ACENAPHTHYLENE TOTWUG/L	09/19/90-09/19/90	1	##	2.3	2.3	2.3	2.3	0.	0.	**	**	**	**
34205	ACENAPHTHENE TOTWUG/L	09/19/90-09/19/90	1	##	1.75	1.75	1.75	1.75	0.	0.	**	**	**	**
34220	ANTHRACENE TOTWUG/L	09/19/90-09/19/90	1	##	3.	3.	3.	3.	0.	0.	**	**	**	**
34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	09/19/90-09/19/90	1	##	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**
34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	09/19/90-09/19/90	1	##	3.25	3.25	3.25	3.25	0.	0.	**	**	**	**
34247	BENZO-A-PYRENE TOTWUG/L	09/19/90-09/19/90	1	##	1.15	1.15	1.15	1.15	0.	0.	**	**	**	**
34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	09/19/90-09/19/90	1	##	2.65	2.65	2.65	2.65	0.	0.	**	**	**	**
34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	09/19/90-09/19/90	1	##	2.65	2.65	2.65	2.65	0.	0.	**	**	**	**
34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	09/19/90-09/19/90	1	##	2.35	2.35	2.35	2.35	0.	0.	**	**	**	**
34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	09/19/90-09/19/90	1	##	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
34301	CHLOROBENZENE TOTWUG/L	09/19/90-09/19/90	1	##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**

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Parameter Inventory for Station: GATE0353

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34311	CHLOROETHANE TOTWUG/L	09/19/90-09/19/90	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
34320	CHRYSENE TOTWUG/L	09/19/90-09/19/90	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34336	DIETHYL PHTHALATE TOTWUG/L	09/19/90-09/19/90	1 ##	0.65	0.65	0.65	0.65	0.	0.	**	**	**	**
34341	DIMETHYL PHTHALATE TOTWUG/L	09/19/90-09/19/90	1 ##	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
34346	1,2-DIPHENYLHYDRAZINE TOTWUG/L	09/19/90-09/19/90	1 ##	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	09/19/90-09/19/90	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
34376	FLUORANTHENE TOTWUG/L	09/19/90-09/19/90	1 ##	2.7	2.7	2.7	2.7	0.	0.	**	**	**	**
34381	FLUORENE TOTWUG/L	09/19/90-09/19/90	1 ##	2.05	2.05	2.05	2.05	0.	0.	**	**	**	**
34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	09/19/90-09/19/90	1 ##	2.6	2.6	2.6	2.6	0.	0.	**	**	**	**
34391	HEXACHLOROBUTADIENE TOTWUG/L	09/19/90-09/19/90	1 ##	1.65	1.65	1.65	1.65	0.	0.	**	**	**	**
34396	HEXACHLOROETHANE TOTWUG/L	09/19/90-09/19/90	1 ##	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	09/19/90-09/19/90	1 ##	3.1	3.1	3.1	3.1	0.	0.	**	**	**	**
34408	ISOPHORONE TOTWUG/L	09/19/90-09/19/90	1 ##	2.45	2.45	2.45	2.45	0.	0.	**	**	**	**
34413	METHYL BROMIDE TOTWUG/L	09/19/90-09/19/90	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
34418	METHYL CHLORIDE TOTWUG/L	09/19/90-09/19/90	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
34423	METHYLENE CHLORIDE TOTWUG/L	09/19/90-09/19/90	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	09/19/90-09/19/90	1 ##	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
34433	N-NITROSODIPHENYLAMINE TOTWUG/L	09/19/90-09/19/90	1 ##	2.15	2.15	2.15	2.15	0.	0.	**	**	**	**
34438	N-NITROSODIMETHYLAMINE TOTWUG/L	09/19/90-09/19/90	1 ##	7.95	7.95	7.95	7.95	0.	0.	**	**	**	**
34447	NITROBENZENE TOTWUG/L	09/19/90-09/19/90	1 ##	2.9	2.9	2.9	2.9	0.	0.	**	**	**	**
34452	PARACHLOROMETA CRESOL TOTWUG/L	09/19/90-09/19/90	1 ##	9.2	9.2	9.2	9.2	0.	0.	**	**	**	**
34461	PHENANTHRENE TOTWUG/L	09/19/90-09/19/90	1 ##	3.6	3.6	3.6	3.6	0.	0.	**	**	**	**
34469	PYRENE TOTWUG/L	09/19/90-09/19/90	1 ##	2.45	2.45	2.45	2.45	0.	0.	**	**	**	**
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	09/19/90-09/19/90	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
34496	1,1-DICHLOROETHANE TOTWUG/L	09/19/90-09/19/90	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
34501	1,1-DICHLOROETHYLENE TOTWUG/L	09/19/90-09/19/90	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	09/19/90-09/19/90	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	09/19/90-09/19/90	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	09/19/90-09/19/90	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	09/19/90-09/19/90	1 ##	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	09/19/90-09/19/90	1 ##	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
34531	1,2-DICHLOROETHANE TOTWUG/L	09/19/90-09/19/90	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
34536	1,2-DICHLOROBENZENE TOTWUG/L	09/19/90-09/19/90	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
34541	1,2-DICHLOROPROPANE TOTWUG/L	09/19/90-09/19/90	1 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	09/19/90-09/19/90	1 ##	1.95	1.95	1.95	1.95	0.	0.	**	**	**	**
34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	09/19/90-09/19/90	1 ##	3.05	3.05	3.05	3.05	0.	0.	**	**	**	**
34566	1,3-DICHLOROBENZENE TOTWUG/L	09/19/90-09/19/90	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
34571	1,4-DICHLOROBENZENE TOTWUG/L	09/19/90-09/19/90	1 ##	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
34581	2-CHLORONAPHTHALENE TOTWUG/L	09/19/90-09/19/90	1 ##	2.8	2.8	2.8	2.8	0.	0.	**	**	**	**
34586	2-CHLOROPHENOL TOTWUG/L	09/19/90-09/19/90	1 ##	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
34591	2-NITROPHENOL TOTWUG/L	09/19/90-09/19/90	1 ##	4.7	4.7	4.7	4.7	0.	0.	**	**	**	**
34596	DI-N-OCTYL PHTHALATE TOTWUG/L	09/19/90-09/19/90	1 ##	0.455	0.455	0.455	0.455	0.	0.	**	**	**	**
34601	2,4-DICHLOROPHENOL TOTWUG/L	09/19/90-09/19/90	1 ##	7.75	7.75	7.75	7.75	0.	0.	**	**	**	**
34606	2,4-DIMETHYLPHENOL TOTWUG/L	09/19/90-09/19/90	1 ##	5.65	5.65	5.65	5.65	0.	0.	**	**	**	**
34611	2,4-DINITROTOLUENE TOTWUG/L	09/19/90-09/19/90	1 ##	2.55	2.55	2.55	2.55	0.	0.	**	**	**	**
34616	2,4-DINITROPHENOL TOTWUG/L	09/19/90-09/19/90	1 ##	13.2	13.2	13.2	13.2	0.	0.	**	**	**	**
34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	09/19/90-09/19/90	1 ##	5.2	5.2	5.2	5.2	0.	0.	**	**	**	**
34626	2,6-DINITROTOLUENE TOTWUG/L	09/19/90-09/19/90	1 ##	1.85	1.85	1.85	1.85	0.	0.	**	**	**	**
34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	09/19/90-09/19/90	1 ##	15.5	15.5	15.5	15.5	0.	0.	**	**	**	**
34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	09/19/90-09/19/90	1 ##	4.	4.	4.	4.	0.	0.	**	**	**	**
34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	09/19/90-09/19/90	1 ##	2.9	2.9	2.9	2.9	0.	0.	**	**	**	**
34646	4-NITROPHENOL TOTWUG/L	09/19/90-09/19/90	1 ##	2.6	2.6	2.6	2.6	0.	0.	**	**	**	**
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	09/19/90-09/19/90	1 ##	13.95	13.95	13.95	13.95	0.	0.	**	**	**	**
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	09/19/90-09/19/90	1 ##	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
34696	NAPHTHALENE TOTWUG/L	09/19/90-09/19/90	1 ##	2.3	2.3	2.3	2.3	0.	0.	**	**	**	**
34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	09/19/90-09/19/90	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	09/19/90-09/19/90	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	09/19/90-09/19/90	1 ##	13.6	13.6	13.6	13.6	0.	0.	**	**	**	**
39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	09/19/90-09/19/90	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	09/19/90-09/19/90	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	09/19/90-09/19/90	1 ##	28.	28.	28.	28.	0.	0.	**	**	**	**
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	09/19/90-09/19/90	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	09/19/90-09/19/90	1 ##	4.35	4.35	4.35	4.35	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GATE0353

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	172	11110.	6757.61	11615.	1004.	24522799.257	4952.05	1221.	1354.	11230.	11408.7
77134	1,3-DIMETHYLBENZENE(M-XYLENE) WHOLE WATER,UG/L	09/19/90-09/19/90	1	## 1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
78121	P-XYLENE + O-XYLENE,TOTAL,WHOLE WATER SAMPLE UG/L	09/19/90-09/19/90	1	## 1.5	1.5	1.5	1.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0353

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	151	18	0.12	38	3	0.08	45	9	0.20	68	6	0.09			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	143	17	0.12	31	2	0.06	44	5	0.11	68	10	0.15			
32102	CARBON TETRACHLORIDE, WHOLE WATER	Marine Acute	50000.	1	0	0.00	1	0	0.00									
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Marine Acute	6300.	1	0	0.00	1	0	0.00									
34205	ACENAPHTHENE, TOTAL	Marine Acute	970.	1	0	0.00	1	0	0.00									
34371	ETHYLBENZENE, TOTAL	Marine Acute	430.	1	0	0.00	1	0	0.00									
34376	FLUORANTHENE, TOTAL	Marine Acute	40.	1	0	0.00	1	0	0.00									
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL	Marine Acute	7.	1	0	0.00	1	0	0.00									
34391	HEXACHLOROBUTADIENE, TOTAL	Marine Acute	32.	1	0	0.00	1	0	0.00									
34396	HEXACHLOROETHANE, TOTAL	Marine Acute	940.	1	0	0.00	1	0	0.00									
34408	ISOPHORONE, TOTAL	Marine Acute	12900.	1	0	0.00	1	0	0.00									
34447	NITROBENZENE, TOTAL	Marine Acute	6680.	1	0	0.00	1	0	0.00									
34461	PHENANTHRENE, TOTAL	Marine Acute	7.7	1	0	0.00	1	0	0.00									
34506	1,1,1-TRICHLOROETHANE, TOTAL	Marine Acute	31200.	1	0	0.00	1	0	0.00									
34516	1,1,2,2-TETRACHLOROETHANE, TOTAL	Marine Acute	9020.	1	0	0.00	1	0	0.00									
34531	1,2-DICHLOROETHANE, TOTAL	Marine Acute	113000.	1	0	0.00	1	0	0.00									
34611	2,4-DINITROTOLUENE, TOTAL	Marine Acute	590.	1	0	0.00	1	0	0.00									
34694	PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	Marine Acute	5800.	1	0	0.00	1	0	0.00									
34696	NAPHTHALENE, TOTAL	Marine Acute	2350.	1	0	0.00	1	0	0.00									
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Marine Acute	13.	0 &	0	0.00												

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1973 - Station GATE0353

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	7	5.	6.	12.	3.	8.	2.828	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	7	240.	790.214	2400.	1.5	1236451.655	1111.958	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	7	2.38	2.027	3.38	0.176	1.576	1.255	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			106.32								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	7	1530.	5595.	11215.	1045.	27387500.	5233.307	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GATE0353

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	5	5.	6.8	20.	0.	61.7	7.855	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	5	240.	581.4	2400.	4.	1046403.8	1022.939	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	5	2.38	2.021	3.38	0.602	1.138	1.067	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			104.926								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	5	4.	50.3	150.	1.5	4631.45	68.055	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	5	0.602	1.08	2.176	0.176	0.85	0.922	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.022								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	5	1345.	3347.	11430.	1215.	20423057.5	4519.188	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GATE0353

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	10	26.	24.9	30.	10.	32.1	5.666	11.4	24.	28.25	29.9
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	9	3.	4.111	15.	1.	21.361	4.622	1.	1.	5.5	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	10	49.	309.95	2400.	1.5	547728.692	740.087	2.25	9.	240.	2184.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	10	1.618	1.638	3.38	0.176	0.88	0.938	0.254	0.954	2.38	3.28
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			43.498								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	10	9.	59.8	240.	1.5	9489.9	97.416	1.5	3.375	116.25	240.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	10	0.954	1.141	2.38	0.176	0.656	0.81	0.176	0.496	2.001	2.38
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			13.825								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	10	11230.	9299.5	11530.	1230.	17942280.278	4235.833	1237.	8725.	11358.75	11517.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GATE0353

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	7	16.	19.	32.	6.	95.667	9.781	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	7	5.	4.143	10.	0.	10.81	3.288	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	7	460.	480.643	1100.	1.5	209538.06	457.753	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	7	2.663	2.247	3.041	0.176	0.997	0.998	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			176.602								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	7	21.	100.357	460.	1.5	27723.393	166.503	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	7	1.322	1.445	2.663	0.176	0.676	0.822	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			27.877								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	7	11200.	7007.143	11330.	1245.	27876432.143	5279.814	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station GATE0353

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	9	26.	26.556	36.	15.	45.778	6.766	15.	22.	32.	36.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	9	5.	4.889	10.	2.	6.611	2.571	2.	2.5	6.5	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	9	240.	403.5	2400.	1.5	585020.75	764.866	1.5	13.5	350.	2400.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	9	2.38	1.854	3.38	0.176	1.085	1.042	0.176	0.982	2.521	3.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			71.435								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	9	9.	136.556	1100.	1.5	130814.715	361.683	1.5	2.75	43.	1100.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	9	0.954	1.131	3.041	0.176	0.828	0.91	0.176	0.389	1.633	3.041
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			13.526								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	9	11200.	6858.333	11445.	1215.	27841850.	5276.538	1215.	1272.5	11337.5	11445.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GATE0353

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	6	18.5	17.167	28.	0.	108.967	10.439	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	6	1.5	3.	10.	0.	16.	4.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	6	195.	505.75	2400.	1.5	872602.575	934.132	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	6	2.278	1.828	3.38	0.176	1.539	1.24	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			67.348								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	6	13.5	60.75	240.	1.5	8932.375	94.511	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	6	0.982	1.161	2.38	0.176	0.786	0.886	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			14.486								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	6	11300.	8029.167	11500.	1215.	27002184.167	5196.363	**	**	**	**

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Annual Analysis for 1981 - Station GATE0353

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	11	15.	16.364	30.	6.	70.255	8.382	6.2	9.	23.	29.8
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	11	3.	3.636	10.	0.	10.055	3.171	0.	1.	7.	9.4
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	11	75.	779.045	4600.	1.5	2108198.823	1451.964	1.8	4.	750.	4160.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	11	1.875	1.872	3.663	0.176	1.459	1.208	0.236	0.602	2.875	3.606
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			74.436								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	11	9.	66.773	460.	1.5	18201.618	134.913	1.5	1.5	91.	386.6
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	11	0.954	1.138	2.663	0.176	0.717	0.847	0.176	0.176	1.959	2.524
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			13.732								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	11	1414.	4030.091	11230.	1146.	21334680.291	4618.948	1156.8	1251.	11200.	11230.

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Annual Analysis for 1982 - Station GATE0353

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	10	17.	17.7	35.	9.	59.344	7.704	9.2	11.75	20.5	34.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	10	5.	4.9	8.	1.	4.989	2.234	1.2	3.	6.5	8.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	10	350.	550.6	1500.	7.	276330.044	525.671	9.9	63.75	972.5	1460.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	10	2.521	2.382	3.176	0.845	0.572	0.756	0.916	1.787	2.987	3.163
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			241.205								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	9	39.	98.333	460.	4.	20484.5	143.124	4.	19.	120.5	460.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	9	1.591	1.652	2.663	0.602	0.36	0.6	0.602	1.269	2.068	2.663
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			44.889								

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Annual Analysis for 1982 - Station GATE0353

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	10	6333.5	6309.5	11422.	1236.	27415257.611	5235.958	1242.5	1315.25	11251.25	11405.6

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Annual Analysis for 1983 - Station GATE0353

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	11	16.	17.727	29.	7.	47.018	6.857	7.8	12.	23.	28.4
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	11	5.	5.273	10.	1.	11.018	3.319	1.2	2.	8.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	11	150.	1159.636	11000.	4.	10675619.855	3267.357	6.2	43.	430.	8892.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	11	2.176	2.145	4.041	0.602	0.785	0.886	0.717	1.633	2.633	3.766
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			139.631								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	11	36.	153.682	930.	1.5	81206.414	284.967	2.	9.	93.	830.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	11	1.556	1.563	2.968	0.176	0.682	0.826	0.261	0.954	1.968	2.901
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			36.563								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	11	1514.	5859.818	11511.	1159.	27196078.764	5214.986	1171.4	1221.	11336.	11490.6

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Annual Analysis for 1984 - Station GATE0353

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	15	17.	16.933	30.	4.	69.924	8.362	5.2	8.	23.	29.4
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	15	5.	5.867	12.	1.	13.695	3.701	1.6	3.	10.	11.4
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	15	230.	794.467	4600.	1.5	1749749.802	1322.781	1.5	23.	930.	3280.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	15	2.362	2.154	3.663	0.176	1.131	1.064	0.176	1.362	2.968	3.493
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			142.725								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	15	23.	303.5	2400.	1.5	399252.786	631.865	1.5	4.	230.	1518.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	15	1.362	1.528	3.38	0.176	1.179	1.086	0.176	0.602	2.362	3.133
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			33.756								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	15	11057.	7282.333	11330.	1237.	24373110.667	4936.913	1287.4	1524.	11208.	11315.

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Annual Analysis for 1985 - Station GATE0353

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	10	18.5	19.6	31.	9.	59.378	7.706	9.1	13.	26.5	30.7
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	10	4.5	4.6	9.	1.	8.489	2.914	1.1	2.	8.	8.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	10	66.	325.9	2400.	1.5	541308.044	735.736	1.5	7.125	232.5	2184.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	10	1.78	1.653	3.38	0.176	1.078	1.038	0.176	0.76	2.366	3.28
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			44.936								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	10	22.	114.45	930.	1.5	82884.969	287.897	1.5	1.5	55.5	846.3
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	10	1.342	1.199	2.968	0.176	0.805	0.897	0.176	0.176	1.717	2.868
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			15.811								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	10	11119.	7228.9	11305.	1123.	26194840.1	5118.089	1135.2	1314.	11233.	11299.3

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Annual Analysis for 1986 - Station GATE0353

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	10	13.5	17.3	32.	4.	121.122	11.006	4.2	7.5	29.	31.7
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	10	3.	4.8	12.	1.	19.067	4.367	1.	1.75	10.25	11.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	9	42.	33.833	75.	1.5	553.875	23.535	1.5	12.	48.	75.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	9	1.623	1.351	1.875	0.176	0.277	0.526	0.176	1.065	1.679	1.875
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			22.431								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	9	7.	12.111	44.	1.5	180.049	13.418	1.5	2.75	17.5	44.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	9	0.845	0.858	1.643	0.176	0.24	0.49	0.176	0.389	1.239	1.643
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.206								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	10	6175.5	6208.4	11544.	1111.	28175904.489	5308.098	1113.1	1186.75	11171.25	11514.3

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Annual Analysis for 1987 - Station GATE0353

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	7	15.	17.286	33.	9.	69.571	8.341	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	10	2.	3.6	9.	1.	10.933	3.307	1.	1.	8.	8.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	8	68.	102.5	430.	3.	20362.571	142.697	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	8	1.801	1.508	2.633	0.477	0.694	0.833	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			32.185								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	8	4.	27.875	150.	1.5	2630.054	51.284	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	8	0.602	0.893	2.176	0.176	0.508	0.713	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.816								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	10	11129.5	8275.	11408.	1242.	22278613.333	4720.023	1270.5	1539.	11229.75	11398.5

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Annual Analysis for 1988 - Station GATE0353

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	8	21.	19.	31.	2.	114.857	10.717	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	8	4.	4.75	12.	1.	11.357	3.37	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	8	9.5	81.313	430.	1.5	22374.781	149.582	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	8	0.889	1.185	2.633	0.176	0.783	0.885	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			15.295								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	8 ##	2.25	4.625	15.	1.5	24.125	4.912	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	8 ##	0.327	0.489	1.176	0.176	0.156	0.395	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.085								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	8	6228.5	6303.625	11426.	1310.	27737210.554	5266.613	**	**	**	**

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Annual Analysis for 1989 - Station GATE0353

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	7	18.	17.571	29.	1.	97.952	9.897	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	7	2.	3.143	8.	1.	7.143	2.673	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	7	23.	417.286	2400.	7.	788099.571	887.75	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	7	1.362	1.68	3.38	0.845	0.942	0.971	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			47.902								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	7	9.	80.643	460.	1.5	28315.06	168.271	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	7	0.954	1.181	2.663	0.176	0.723	0.85	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			15.156								

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Annual Analysis for 1989 - Station GATE0353

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	7	1449.	5631.571	11350.	1316.	27870929.619	5279.293	**	**	**	**

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Annual Analysis for 1990 - Station GATE0353

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	8	19.5	20.5	31.	10.	70.857	8.418	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	8	3.5	3.625	8.	1.	5.696	2.387	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	2	6.5	6.5	7.	6.	0.5	0.707	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	2	0.812	0.812	0.845	0.778	0.002	0.047	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			6.481								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	2	## 2.75	2.75	4.	1.5	3.125	1.768	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	2	## 0.389	0.389	0.602	0.176	0.091	0.301	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.449								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	8	6237.	6233.375	11336.	1227.	27959503.125	5287.675	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0353

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	8	17.5	18.625	30.	11.	50.268	7.09	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	8	6.5	6.125	12.	1.	17.839	4.224	**	**	**	**
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	8	11136.5	7565.75	11455.	1222.	26142376.5	5112.962	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0353

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	7	22.	19.	28.	7.	77.333	8.794	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	7	4.	4.429	12.	1.	13.619	3.69	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	3	9.	8.5	15.	1.5	45.75	6.764	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	3	0.954	0.769	1.176	0.176	0.276	0.525	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			5.872								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	3	4.	4.833	9.	1.5	14.583	3.819	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	3	0.602	0.577	0.954	0.176	0.152	0.39	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.78								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	7	11033.	6929.571	11354.	1034.	27943169.619	5286.13	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station GATE0353

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	5	25.	25.4	27.	24.	1.3	1.14	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	5	4.	3.6	5.	1.	2.3	1.517	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	5	9.	99.	460.	1.5	40802.375	201.996	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	5	0.954	1.066	2.663	0.176	1.058	1.029	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			11.646								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station GATE0353

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	5 ##	1.5	32.7	150.	1.5	4310.325	65.653	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	5 ##	0.176	0.732	2.176	0.176	0.765	0.875	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.392								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	5	11342.	9281.8	11615.	1004.	21456675.2	4632.135	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station GATE0353

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	6	18.5	18.5	24.	13.	19.5	4.416	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	6	1.	1.5	4.	0.	1.9	1.378	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	6	12.	122.	460.	4.	36046.8	189.86	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	6	1.065	1.396	2.663	0.602	0.816	0.903	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			24.902								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	6 ##	2.75	11.083	43.	1.5	271.942	16.491	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	6 ##	0.389	0.657	1.633	0.176	0.384	0.62	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.536								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	6	11139.	8065.333	11602.	1536.	25611005.867	5060.732	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station GATE0353

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	2	20.25	20.25	26.5	14.	78.125	8.839	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	2	4.5	4.5	8.	1.	24.5	4.95	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	2 ##	4.25	4.25	7.	1.5	15.125	3.889	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	2 ##	0.511	0.511	0.845	0.176	0.224	0.473	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			3.24								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	2 ##	0.176	0.176	0.176	0.176	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.5								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	2	6335.5	6335.5	11232.	1439.	47951424.5	6924.697	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0353

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	14	23.3	22.4	25.	16.	5.758	2.4	18.	21.275	23.925	25.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	36	23.	22.194	36.	7.	44.447	6.667	13.1	17.25	26.75	30.3
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	45	4.	4.822	12.	0.	9.559	3.092	1.	2.5	6.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	38	43.	331.789	2400.	1.5	419043.765	647.336	1.5	7.	430.	1077.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	38	1.633	1.706	3.38	0.176	0.973	0.987	0.176	0.845	2.633	3.01
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			50.77								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	31	7.	43.355	460.	1.5	8876.153	94.213	1.5	1.5	30.	150.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	31	0.845	0.962	2.663	0.176	0.569	0.754	0.176	0.176	1.477	2.176
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.165								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	45	11041.	6830.244	11422.	1045.	24408634.234	4940.51	1221.	1434.	11208.5	11346.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0353

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	14	5.3	5.029	10.	0.	9.487	3.08	0.3	2.075	8.	9.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	47	10.	10.085	17.	0.	17.384	4.169	4.	8.	13.	16.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	52	4.	4.769	20.	0.	18.612	4.314	1.	1.	8.	10.7
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	45	150.	603.344	4600.	1.5	1012865.805	1006.412	4.	23.	695.	2400.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	45	2.176	2.047	3.663	0.176	0.953	0.976	0.602	1.362	2.816	3.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			111.542								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	44	20.5	80.807	930.	1.5	28167.072	167.83	1.5	4.	86.5	235.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	44	1.312	1.272	2.968	0.176	0.62	0.787	0.176	0.602	1.935	2.371
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			18.719								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	52	1533.	5939.904	11602.	1034.	25079808.755	5007.975	1217.1	1326.25	11229.75	11428.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0353

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	25	20.	18.24	23.	10.	16.607	4.075	11.6	16.	21.5	22.4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	74	26.	23.601	35.	10.	37.185	6.098	14.5	18.75	28.	30.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	74	3.	4.176	15.	0.	9.517	3.085	1.	2.	5.25	8.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	68	31.	438.051	11000.	1.5	2184977.732	1478.167	1.5	7.	240.	785.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	68	1.476	1.589	4.041	0.176	1.009	1.004	0.176	0.845	2.38	2.892
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			38.853								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	68	9.	124.11	2400.	1.5	126415.059	355.549	1.5	1.5	43.	430.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	68	0.954	1.107	3.38	0.176	0.796	0.892	0.176	0.176	1.633	2.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.786								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	75	11133.	7280.973	11615.	1004.	24118898.215	4911.099	1211.	1345.	11248.	11420.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0354

NPS Station ID: GATE0354 LAT/LON: 40.453059/ -74.044170 Agency: 21NJDEP1 Date Created: 08/22/81
Location: RARITAN BAY FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): L7011237102 /96 /SF01012
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02030104 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST MAJOR BASIN Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA ECO Region:
RF1 Index: 02030104006 RF1 Mile Point: 4.680 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J. TIDE CORRECTION (H/L): (-0:01/ 0:00)
ASSOCIATED NOAA WEATHER STATION: 7865

Parameter Inventory for Station: GATE0354

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/01/75-09/01/81	39	20.	18.874	25.	4.4	31.561	5.618	5.6	17.8	22.	24.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-09/01/81	29	24.	25.276	34.	19.	17.493	4.182	20.	22.	28.	33.
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-09/01/81	34	5.	5.088	10.	1.	8.81	2.968	1.5	2.75	7.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-09/01/81	39	43.	153.756	2400.	1.5	147518.59	384.081	3.	13.	240.	240.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-09/01/81	39	1.633	1.622	3.38	0.176	0.589	0.767	0.477	1.114	2.38	2.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			41.89								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-09/01/81	39	21.	25.603	93.	1.5	772.094	27.787	1.5	7.	29.	93.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-09/01/81	39	1.322	1.118	1.968	0.176	0.329	0.574	0.176	0.845	1.462	1.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			13.127								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-09/01/81	39	1500.	5437.179	11600.	1145.	24417869.467	4941.444	1230.	1330.	11215.	11430.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0354

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	39	1	0.03	17	0	0.00				22	1	0.05			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	39	0	0.00	17	0	0.00				22	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0354

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/01/75-09/01/81	17	22.	20.971	25.	17.	5.515	2.348	17.	19.	22.25	24.2
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-09/01/81	15	5.	5.	10.	1.	6.143	2.478	2.2	3.	5.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-09/01/81	17	43.	77.	460.	1.5	13608.719	116.656	1.5	14.	84.	284.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-09/01/81	17	1.633	1.451	2.663	0.176	0.508	0.713	0.176	1.145	1.922	2.437
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			28.265								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-09/01/81	17	15.	20.735	93.	1.5	515.472	22.704	1.5	6.	23.	53.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-09/01/81	17	1.176	1.061	1.968	0.176	0.293	0.541	0.176	0.716	1.362	1.7
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.517								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-09/01/81	17	1500.	4352.059	11515.	1215.	22096334.559	4700.674	1227.	1372.5	11315.	11503.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0354

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/01/75-09/01/81	22	18.45	17.255	25.	4.4	46.603	6.827	4.76	14.5	22.325	24.7
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-09/01/81	19	5.	5.158	10.	1.	11.363	3.371	1.	2.	9.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-09/01/81	22	93.	213.068	2400.	1.5	248115.102	498.112	3.3	8.5	240.	240.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-09/01/81	22	1.968	1.754	3.38	0.176	0.637	0.798	0.515	0.927	2.38	2.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			56.771								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-09/01/81	22	22.	29.364	93.	1.5	970.385	31.151	1.5	6.	43.	93.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-09/01/81	22	1.342	1.162	1.968	0.176	0.368	0.606	0.176	0.753	1.633	1.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			14.525								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-09/01/81	22	6265.	6275.682	11600.	1145.	25659643.561	5065.535	1219.5	1286.25	11215.	11385.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0355

NPS Station ID: GATE0355
LAT/LON: 40.458338/ -74.044448
Agency: 11NOAMID
Date Created: 11/15/78
Location: RARITAN BAY
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): RARB85
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON NEW YORK METRO AREA
ECO Region:
RF1 Index: 02030104
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
TRACE METALS IN SEDIMENTS OF RARITAN BAY - GREIG AND MCGRATH - NOAA NATL MAR FISH SERV - MID ATLANTIC COAST FISH CEN MILFORD CT 1973 MARINE POLLUTION BULLETIN VOL 8 NO 8 AUG 1977

Parameter Inventory for Station: GATE0355

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	2 ##	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	2	27.5	27.5	28.	27.	0.5	0.707	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	02/01/73-05/01/73	2	21.5	21.5	22.	21.	0.5	0.707	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	02/01/73-05/01/73	2	25.	25.	30.	20.	50.	7.071	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	2	7.3	7.3	7.6	7.	0.18	0.424	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	02/01/73-05/01/73	2	72.	72.	78.	66.	72.	8.485	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GATE0356

NPS Station ID: GATE0356
LAT/LON: 40.605004/ -74.045003
Agency: REGII208
Date Created: 05/25/78
Location: THE NARROWS
FIPS State/County: 36047 NEW YORK/KINGS
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): NYC001H5 /H5
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030104
Depth of Water: 101
Aquifer:
Major Basin: 1/2 DIST FT LAFYT TO FT
Elevation: 0
Water Body Id:
Minor Basin: WDSWTH DCK NYCDWR STA N8
ECO Region:
RF1 Index: 02030104
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0356

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/16/75-07/28/77	232	16.	15.976	25.1	2.6	14.488	3.806	10.5	14.5	18.	21.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/16/75-07/16/77	200	30050.	28820.5	41200.	9000.	43565934.422	6600.45	19000.	25625.	33500.	35385.
00300	OXYGEN, DISSOLVED MG/L	09/19/75-07/28/77	226	6.	6.185	11.2	2.8	2.466	1.57	4.27	5.2	6.6	8.53
00310	BOD, 5 DAY, 20 DEG C MG/L	09/16/75-07/28/77	61	1.5	1.651	9.6	0.7	1.241	1.114	1.02	1.2	1.8	2.
00400	PH (STANDARD UNITS)	09/16/75-12/14/76	6	7.7	7.683	8.1	7.3	0.078	0.279	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/16/75-12/14/76	6	7.689	7.612	8.1	7.3	0.084	0.289	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/16/75-12/14/76	6	0.02	0.024	0.05	0.008	0.	0.015	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/01/77-07/16/77	32	98.	97.906	102.	91.	5.378	2.319	95.	97.	100.	100.7
00480	SALINITY - PARTS PER THOUSAND	09/16/75-07/16/77	224	23.65	22.356	29.	8.3	21.617	4.649	15.1	20.35	25.875	27.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/16/75-07/28/77	60	9.	10.817	31.	2.	36.356	6.03	4.1	7.	13.	19.9
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/16/75-07/28/77	9	0.29	0.295	0.47	0.185	0.008	0.088	0.185	0.225	0.345	0.47
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/16/75-07/28/77	9	0.041	0.098	0.598	0.019	0.035	0.188	0.019	0.022	0.055	0.598
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/16/75-07/28/77	9	0.27	0.243	0.49	0.07	0.016	0.128	0.07	0.12	0.295	0.49
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/16/75-07/28/77	9	0.86	0.83	1.08	0.48	0.04	0.2	0.48	0.66	0.98	1.08
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/16/75-07/28/77	9	0.18	0.231	0.44	0.1	0.014	0.118	0.1	0.13	0.33	0.44
00940	CHLORIDE,TOTAL IN WATER MG/L	09/23/75-07/28/77	13	14800.	14215.385	17400.	8600.	6836410.256	2614.653	9360.	12600.	16200.	17280.
01027	CADMIUM, TOTAL (UG/L AS CD)	12/14/76-12/14/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	12/14/76-12/14/76	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	12/14/76-12/14/76	1	8.	8.	8.	8.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	12/14/76-12/14/76	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	12/14/76-12/14/76	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	12/14/76-12/14/76	1	72.	72.	72.	72.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/16/75-07/28/77	98	13000.	27475.306	350000.	480.	2724395058.153	52195.738	3300.	6475.	33000.	49000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/16/75-07/28/77	98	4.114	4.122	5.544	2.681	0.256	0.506	3.519	3.806	4.519	4.69
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			13230.346								
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	09/16/75-07/28/77	97	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	09/16/75-07/28/77	97	0.699	0.699	0.699	0.699	0.	0.	0.699	0.699	0.699	0.699
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			5.								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	09/16/75-07/28/77	94	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	09/16/75-07/28/77	94	0.699	0.699	0.699	0.699	0.	0.	0.699	0.699	0.699	0.699
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			5.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/16/75-07/28/77	93	2300.	3897.204	49000.	330.	36589857.317	6048.955	490.	1100.	4600.	7900.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/16/75-07/28/77	93	3.362	3.341	4.69	2.519	0.204	0.452	2.69	3.041	3.663	3.898
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2193.409								
32230	CHLOROPHYLL A (MG/L)	10/02/75-10/02/75	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/16/75-07/28/77	9	0.096	0.108	0.174	0.068	0.001	0.034	0.068	0.081	0.132	0.174
71900	MERCURY, TOTAL (UG/L AS HG)	12/14/76-12/14/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0356

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	226	12	0.05	46	1	0.02	30	0	0.00	150	11	0.07			
00400	PH	Other-Hi Lim.	9.	6	0	0.00	3	0	0.00	3	0	0.00						
		Other-Lo Lim.	6.5	6	0	0.00	3	0	0.00	3	0	0.00						
01027	CADMIUM, TOTAL	Marine Acute	43.	1	0	0.00				1	0	0.00						
01042	COPPER, TOTAL	Marine Acute	2.9	1	1	1.00				1	1	1.00						
01051	LEAD, TOTAL	Marine Acute	220.	1	0	0.00				1	0	0.00						
01067	NICKEL, TOTAL	Marine Acute	75.	1	0	0.00				1	0	0.00						
01092	ZINC, TOTAL	Marine Acute	95.	1	0	0.00				1	0	0.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	98	97	0.99	22	22	1.00	14	14	1.00	62	61	0.98			
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	97	0	0.00	22	0	0.00	14	0	0.00	61	0	0.00			
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	94	0	0.00	20	0	0.00	11	0	0.00	63	0	0.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	93	93	1.00	20	20	1.00	11	11	1.00	62	62	1.00			
71900	MERCURY, TOTAL	Marine Acute	2.1	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0357

NPS Station ID: GATE0357 LAT/LON: 40.629449/ -74.045281 Agency: 11NYCOR Date Created: 09/08/79
Location: BAY RIDGE CHNL OFF 82 ST SHORE PKWY BROOKLYN FIPS State/County: 36047 NEW YORK/KINGS
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): NYCOR92
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02030201 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METRO AREA ECO Region:
RF1 Index: 02030201001 RF1 Mile Point: 1.030 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02030201000101.63 RF3 Mile Point: 2.85 Distance from RF3: 0.22 On/Off RF3:
Description:
NEW YORK CORPS OF ENGINEERS DREDGING STUDIES

Parameter Inventory for Station: GATE0357

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	09/14/77-09/14/77	1	2.83	2.83	2.83	2.83	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/14/77-09/14/77	1	3.1	3.1	3.1	3.1	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/14/77-09/14/77	1	74.2	74.2	74.2	74.2	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/14/77-09/14/77	1	65.9	65.9	65.9	65.9	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/14/77-09/14/77	1	94.7	94.7	94.7	94.7	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/14/77-09/14/77	1	24.4	24.4	24.4	24.4	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	09/14/77-09/14/77	1	102.1	102.1	102.1	102.1	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/14/77-09/14/77	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GATE0358

NPS Station ID: GATE0358
LAT/LON: 40.607226/ -74.045837
Agency: 31ISC2RS
Date Created: 11/07/81
Location: THE NARROWS - MID CHANNEL UNDER VERRAZANO BRIDGE
FIPS State/County: 36085 NEW YORK/RICHMOND
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): UH-13 /UH13 /1413
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METROPOLITAN AREA
ECO Region:
RF1 Index: 02030104
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0358

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/74-04/10/87	241	15.	14.105	25.	0.	59.151	7.691	2.8	7.2	21.	23.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/11/75-10/21/86	150	2.	2.973	15.	1.	3.664	1.914	1.1	2.	3.	5.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-04/10/87	196	35000.	34050.765	50000.	11000.	53591319.924	7320.609	23000.	30000.	39375.	42150.
00300	OXYGEN, DISSOLVED MG/L	01/16/74-04/10/87	238	6.8	7.044	14.5	2.4	6.686	2.586	4.	4.8	9.2	10.41
00310	BOD, 5 DAY, 20 DEG C MG/L	01/16/74-02/22/82	119	2.6	2.932	8.8	0.3	2.132	1.46	1.4	2.	3.5	4.6
00400	PH (STANDARD UNITS)	01/08/75-05/26/82	119	7.5	7.467	8.1	6.6	0.08	0.282	7.1	7.3	7.6	7.8
00400	CONVERTED PH (STANDARD UNITS)	01/08/75-05/26/82	119	7.5	7.369	8.1	6.6	0.089	0.299	7.1	7.3	7.6	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/08/75-05/26/82	119	0.032	0.043	0.251	0.008	0.001	0.035	0.016	0.025	0.05	0.079
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/26/79-05/26/82	31	8.	9.129	40.	0.	53.249	7.297	2.	5.	12.	14.
00560	OIL & GREASE (FREON EXTR.-IR METHOD) TOT,REC,MG/L	07/16/75-09/22/86	39	0.2	0.518	3.2	0.	0.611	0.782	0.1	0.1	0.6	1.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/16/74-02/20/87	98	0.42	0.428	0.99	0.03	0.03	0.174	0.2	0.29	0.54	0.65
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/16/74-12/03/75	28	0.05	0.055	0.11	0.03	0.	0.021	0.03	0.04	0.068	0.091
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/16/74-12/03/75	28	0.59	0.862	6.54	0.3	1.319	1.148	0.376	0.45	0.758	1.359
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/18/76-02/20/87	45	0.68	0.801	2.35	0.21	0.189	0.435	0.35	0.515	0.975	1.426
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/76-02/20/87	66	0.33	0.334	0.67	0.03	0.027	0.166	0.134	0.19	0.485	0.56
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/29/76-02/20/87	65	0.14	0.154	1.22	0.05	0.02	0.141	0.076	0.11	0.16	0.194
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/16/74-02/20/87	85	0.08	0.105	1.15	0.005	0.021	0.145	0.036	0.05	0.11	0.16
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/20/74-10/21/86	159	8.	8.623	26.	1.	19.692	4.438	5.	6.	10.	15.
00690	CARBON, TOTAL (MG/L AS C)	02/20/74-10/21/86	165	30.	30.267	48.	14.	15.367	3.92	26.	28.	32.	35.
00940	CHLORIDE,TOTAL IN WATER MG/L	01/16/74-10/01/75	52	12700.	12340.385	16500.	7400.	4875003.771	2207.941	8460.	11025.	14025.	14570.
01000	ARSENIC, DISSOLVED (UG/L AS AS)	02/18/76-05/09/79	3	## 5.	5.	5.	5.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	12/03/75-02/20/87	20	## 2.	2.9	11.	1.	6.2	2.49	1.	1.	4.75	5.
01025	CADMIUM, DISSOLVED (UG/L AS CD)	02/18/76-02/22/82	32	## 0.25	0.483	2.	0.25	0.213	0.461	0.25	0.25	0.5	1.
01027	CADMIUM, TOTAL (UG/L AS CD)	01/16/74-02/20/87	70	0.85	2.002	13.	0.25	8.906	2.984	0.25	0.25	2.	5.9
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	02/18/76-02/22/82	32	## 2.5	2.503	6.	0.1	2.113	1.454	0.5	2.5	2.5	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/16/74-02/20/87	74	## 2.5	3.974	27.	0.1	18.968	4.355	1.	2.5	3.25	9.
01035	COBALT, DISSOLVED (UG/L AS CO)	02/18/76-02/22/82	19	## 0.5	1.132	5.	0.5	1.551	1.245	0.5	0.5	1.	3.
01037	COBALT, TOTAL (UG/L AS CO)	11/06/74-08/04/82	27	2.	2.87	12.	0.5	8.531	2.921	0.5	0.5	5.	6.4
01040	COPPER, DISSOLVED (UG/L AS CU)	02/18/76-02/22/82	31	23.	24.581	104.	0.5	413.968	20.346	4.4	11.	29.	44.4
01042	COPPER, TOTAL (UG/L AS CU)	01/16/74-02/20/87	73	25.	36.925	215.	0.5	1678.762	40.973	7.	15.	43.5	70.8
01045	IRON, TOTAL (UG/L AS FE)	11/06/74-02/20/87	38	140.	165.5	433.	46.	9921.338	99.606	59.7	105.25	209.	306.6
01046	IRON, DISSOLVED (UG/L AS FE)	02/18/76-02/22/82	19	20.	39.789	205.	7.	3230.842	56.84	7.	10.	41.	188.
01049	LEAD, DISSOLVED (UG/L AS PB)	02/18/76-02/22/82	33	5.	6.591	20.	2.5	22.976	4.793	2.5	2.5	10.	15.
01051	LEAD, TOTAL (UG/L AS PB)	01/16/74-02/20/87	72	15.	20.59	115.	2.5	401.812	20.045	5.	10.	25.	42.
01065	NICKEL, DISSOLVED (UG/L AS NI)	02/18/76-02/22/82	32	5.	5.734	15.	2.5	11.129	3.336	2.5	2.5	7.75	10.
01067	NICKEL, TOTAL (UG/L AS NI)	01/16/74-02/20/87	70	9.	18.707	180.	2.5	775.177	27.842	2.5	5.	25.	45.
01075	SILVER, DISSOLVED (UG/L AS AG)	02/18/76-02/22/82	19	## 0.5	0.789	2.	0.5	0.231	0.481	0.5	0.5	1.	2.
01077	SILVER, TOTAL (UG/L AS AG)	11/06/74-02/20/87	37	1.	3.514	31.	0.5	37.187	6.098	0.5	0.5	3.	7.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GATE0358

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01090	ZINC, DISSOLVED (UG/L AS ZN)	02/18/76-02/22/82	22	55.	60.864	128.	9.	1096.409	33.112	18.9	37.25	87.25	115.7
01092	ZINC, TOTAL (UG/L AS ZN)	01/16/74-02/20/87	71	57.	71.204	250.	0.5	3188.833	56.47	16.4	29.	96.	160.
01100	TIN, DISSOLVED (UG/L AS SN)	02/18/76-07/08/81	16 ##	25.	26.563	50.	25.	39.063	6.25	25.	25.	25.	32.5
01102	TIN, TOTAL (UG/L AS SN)	11/06/74-07/08/81	20 ##	25.	30.	100.	25.	302.632	17.396	25.	25.	25.	47.5
01105	ALUMINUM, TOTAL (UG/L AS AL)	11/06/74-08/04/82	25	60.	73.84	170.	5.	3064.223	55.355	5.	25.	134.5	154.
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	02/18/76-02/22/82	19	20.	28.789	90.	5.	583.731	24.161	5.	10.	50.	70.
31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	06/01/77-09/01/82	47	18000.	23355.213	100000.	5.	645318148.867	25403.113	790.	3500.	34000.	57400.
31504	LOG COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,	06/01/77-09/01/82	47	4.255	3.935	5.	0.699	0.754	0.869	2.866	3.544	4.531	4.758
31504	GM COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,3	GEOMETRIC MEAN =			8601.31								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/03/82-04/10/87	48	12600.	12146.667	24000.	230.	82492682.27	9082.548	330.	2675.	24000.	24000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/03/82-04/10/87	48	4.084	3.821	4.38	2.362	0.39	0.625	2.519	3.421	4.38	4.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			6622.363								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	01/16/74-09/01/82	109	1700.	5164.954	100000.	5.	195239795.137	13972.823	110.	715.	3800.	11000.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	01/16/74-09/01/82	109	3.23	3.168	5.	0.699	0.55	0.741	2.041	2.854	3.58	4.041
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1473.118								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/03/82-04/10/87	48	2050.	4088.542	24000.	50.	37517740.381	6125.173	220.	790.	3500.	16000.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/03/82-04/10/87	48	3.305	3.233	4.38	1.699	0.4	0.632	2.337	2.898	3.544	4.204
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1710.152								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	07/02/75-02/20/87	66	7.	8.561	38.	0.	72.158	8.495	0.	1.75	12.25	19.6
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	07/02/75-02/20/87	67	2.	2.701	10.	0.	7.273	2.697	0.	0.	4.	7.
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	07/02/75-02/20/87	67	9.	9.597	42.	0.	80.517	8.973	0.	1.	14.	22.4
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	08/20/75-09/17/81	13	3.	3.615	11.	0.5	12.631	3.554	0.5	0.5	6.5	9.8
71900	MERCURY, TOTAL (UG/L AS HG)	01/16/74-02/20/87	63	0.1	0.203	3.9	0.05	0.25	0.5	0.05	0.05	0.2	0.3

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EPA Water Quality Criteria Analysis for Station: GATE0358

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	150	0	0.00	51	0	0.00	37	0	0.00	62	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	238	27	0.11	77	18	0.23	65	0	0.00	96	9	0.09			
00400	PH	Other-Hi Lim.	9.	119	0	0.00	33	0	0.00	33	0	0.00	53	0	0.00			
		Other-Lo Lim.	6.5	119	0	0.00	33	0	0.00	33	0	0.00	53	0	0.00			
01000	ARSENIC, DISSOLVED	Marine Acute	69.	3	0	0.00				1	0	0.00	2	0	0.00			
01002	ARSENIC, TOTAL	Marine Acute	69.	20	0	0.00	7	0	0.00	10	0	0.00	3	0	0.00			
01025	CADMIUM, DISSOLVED	Marine Acute	43.	32	0	0.00	6	0	0.00	12	0	0.00	14	0	0.00			
01027	CADMIUM, TOTAL	Marine Acute	43.	70	0	0.00	17	0	0.00	26	0	0.00	27	0	0.00			
01040	COPPER, DISSOLVED	Marine Acute	2.9	31	29	0.94	5	4	0.80	12	12	1.00	14	13	0.93			
01042	COPPER, TOTAL	Marine Acute	2.9	73	72	0.99	19	19	1.00	27	26	0.96	27	27	1.00			
01049	LEAD, DISSOLVED	Marine Acute	220.	33	0	0.00	6	0	0.00	12	0	0.00	15	0	0.00			
01051	LEAD, TOTAL	Marine Acute	220.	72	0	0.00	18	0	0.00	27	0	0.00	27	0	0.00			
01065	NICKEL, DISSOLVED	Marine Acute	75.	32	0	0.00	6	0	0.00	12	0	0.00	14	0	0.00			
01067	NICKEL, TOTAL	Marine Acute	75.	70	3	0.04	18	1	0.06	26	2	0.08	26	0	0.00			
01075	SILVER, DISSOLVED	Marine Acute	0.12	7 &	7	1.00	1	1	1.00	5	5	1.00	1	1	1.00			
01077	SILVER, TOTAL	Marine Acute	0.12	27 &	27	1.00	10	10	1.00	12	12	1.00	5	5	1.00			
01090	ZINC, DISSOLVED	Marine Acute	95.	22	4	0.18	5	3	0.60	8	1	0.13	9	0	0.00			
01092	ZINC, TOTAL	Marine Acute	95.	71	18	0.25	18	5	0.28	26	7	0.27	27	6	0.22			
31504	COLIFORM,TOT,MEMBRANE FILTR,IMMED. LES-E	Other-Hi Lim.	1000.	47	42	0.89	16	14	0.88	12	12	1.00	19	16	0.84			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	48	42	0.88	17	16	0.94	15	10	0.67	16	16	1.00			
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	109	97	0.89	32	30	0.94	27	25	0.93	50	42	0.84			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	48	44	0.92	17	16	0.94	15	12	0.80	16	16	1.00			
71900	MERCURY, TOTAL	Marine Acute	2.1	63	1	0.02	21	1	0.05	25	0	0.00	17	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1974 - Station GATE0358

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/74-04/10/87	41	11.6	11.754	22.8	2.5	44.034	6.636	3.2	5.6	17.55	21.7
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-04/10/87	4	36500.	36125.	41500.	30000.	30395833.333	5513.242	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/16/74-04/10/87	41	7.6	7.022	10.9	3.2	5.913	2.432	3.6	4.7	9.1	9.9
00310	BOD, 5 DAY, 20 DEG C MG/L	01/16/74-02/22/82	41	2.4	2.663	5.8	1.4	0.826	0.909	1.72	2.	3.15	4.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/16/74-02/20/87	15	0.33	0.413	0.9	0.15	0.062	0.249	0.15	0.2	0.55	0.84
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/16/74-02/20/87	15	0.06	0.091	0.35	0.02	0.007	0.086	0.026	0.04	0.14	0.254
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/20/74-10/21/86	20	7.5	7.75	22.	3.	15.987	3.998	3.1	5.25	9.	10.
00690	CARBON, TOTAL (MG/L AS C)	02/20/74-10/21/86	21	32.	32.238	48.	24.	22.29	4.721	26.2	30.	34.	36.
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	01/16/74-09/01/82	17	300.	988.235	5900.	50.	2265165.441	1505.047	50.	50.	1250.	3260.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	01/16/74-09/01/82	17	2.477	2.5	3.771	1.699	0.534	0.731	1.699	1.699	3.097	3.486
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			316.439								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GATE0358

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/74-04/10/87	27	13.2	13.752	24.2	2.8	65.184	8.074	3.52	5.6	22.	24.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/11/75-10/21/86	26	3.	3.846	10.	2.	4.215	2.053	2.	2.	5.	6.6
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-04/10/87	26	32500.	31865.385	40000.	21000.	29871153.846	5465.451	22700.	28000.	37000.	38300.
00300	OXYGEN, DISSOLVED MG/L	01/16/74-04/10/87	27	7.2	6.856	10.2	2.4	5.764	2.401	3.52	4.6	9.	9.86
00310	BOD, 5 DAY, 20 DEG C MG/L	01/16/74-02/22/82	19	2.7	2.726	5.6	1.	0.978	0.989	1.	2.4	3.1	3.7
00400	PH (STANDARD UNITS)	01/08/75-05/26/82	24	7.5	7.446	8.1	6.6	0.174	0.417	6.8	7.1	7.8	8.
00400	CONVERTED PH (STANDARD UNITS)	01/08/75-05/26/82	24	7.5	7.246	8.1	6.6	0.216	0.464	6.8	7.1	7.8	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/08/75-05/26/82	24	0.032	0.057	0.251	0.008	0.004	0.061	0.01	0.016	0.079	0.158
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/16/74-02/20/87	13	0.45	0.5	0.85	0.2	0.033	0.181	0.22	0.4	0.625	0.79
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/16/74-02/20/87	13	0.06	0.071	0.25	0.03	0.003	0.056	0.034	0.045	0.065	0.19
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/20/74-10/21/86	22	10.	9.455	15.	3.	11.688	3.419	4.3	7.5	12.	14.
00690	CARBON, TOTAL (MG/L AS C)	02/20/74-10/21/86	26	31.	30.846	36.	26.	7.895	2.81	26.7	29.	33.	35.
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	01/16/74-09/01/82	18	1850.	8722.778	100000.	280.	534514397.712	23119.567	685.	970.	5575.	23500.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	01/16/74-09/01/82	18	3.266	3.393	5.	2.447	0.345	0.587	2.822	2.986	3.74	4.258
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			2473.998								
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	07/02/75-02/20/87	6	4.	4.667	10.	0.	10.667	3.266	**	**	**	**
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	07/02/75-02/20/87	6	13.5	15.833	42.	2.	193.367	13.906	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station GATE0358

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/74-04/10/87	22	19.75	17.386	23.3	7.	29.547	5.436	8.15	11.45	21.25	22.41
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/11/75-10/21/86	20	3.	3.2	8.	2.	2.063	1.436	2.	2.	4.	4.9
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-04/10/87	22	33250.	31727.273	42000.	12500.	57136363.636	7558.86	17800.	29000.	37000.	40000.
00300	OXYGEN, DISSOLVED MG/L	01/16/74-04/10/87	22	4.65	5.732	11.4	3.4	5.21	2.283	3.46	4.	7.3	9.48
00310	BOD, 5 DAY, 20 DEG C MG/L	01/16/74-02/22/82	12	3.1	3.617	7.2	2.1	2.265	1.505	2.16	2.5	4.45	6.69
00400	PH (STANDARD UNITS)	01/08/75-05/26/82	18	7.3	7.367	7.8	7.	0.039	0.197	7.09	7.3	7.5	7.71
00400	CONVERTED PH (STANDARD UNITS)	01/08/75-05/26/82	18	7.3	7.327	7.8	7.	0.04	0.201	7.09	7.3	7.5	7.71
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/08/75-05/26/82	18	0.05	0.047	0.1	0.016	0.	0.02	0.02	0.032	0.05	0.081
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/16/74-02/20/87	9	0.46	0.423	0.66	0.18	0.02	0.142	0.18	0.325	0.495	0.66
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/76-02/20/87	9	0.48	0.457	0.67	0.14	0.031	0.177	0.14	0.315	0.58	0.67
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/16/74-02/20/87	9	0.09	0.261	1.15	0.005	0.148	0.385	0.005	0.075	0.38	1.15
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/20/74-10/21/86	20	6.	6.8	10.	3.	3.326	1.824	4.1	6.	8.75	9.
00690	CARBON, TOTAL (MG/L AS C)	02/20/74-10/21/86	20	31.	30.45	35.	24.	8.155	2.856	25.2	29.	32.	34.8
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	01/16/74-09/01/82	18	1600.	2846.389	11000.	5.	11042599.428	3323.041	450.5	615.	4575.	11000.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	01/16/74-09/01/82	18	3.204	3.123	4.041	0.699	0.545	0.738	2.499	2.788	3.66	4.041

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station GATE0358

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1328.35								
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	07/02/75-02/20/87	10	3.5	4.2	9.	2.	5.067	2.251	2.	2.75	5.5	8.8
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	07/02/75-02/20/87	10	13.5	14.3	21.	10.	11.122	3.335	10.	12.25	16.25	20.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GATE0358

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/74-04/10/87	24	14.3	14.883	24.4	1.	53.301	7.301	2.9	9.75	21.3	23.5
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/11/75-10/21/86	23	3.	3.304	15.	2.	7.13	2.67	2.	2.	3.	4.6
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-04/10/87	22	36600.	33895.455	45000.	11000.	89821406.926	9477.416	16400.	27625.	41125.	42700.
00300	OXYGEN, DISSOLVED MG/L	01/16/74-04/10/87	23	6.2	6.674	10.6	3.8	4.178	2.044	4.24	5.	7.8	9.84
00310	BOD, 5 DAY, 20 DEG C MG/L	01/16/74-02/22/82	13	3.3	3.908	7.5	2.3	2.511	1.585	2.42	2.9	4.8	7.1
00400	PH (STANDARD UNITS)	01/08/75-05/26/82	15	7.5	7.433	7.8	7.	0.06	0.244	7.	7.2	7.6	7.74
00400	CONVERTED PH (STANDARD UNITS)	01/08/75-05/26/82	15	7.5	7.366	7.8	7.	0.064	0.254	7.	7.2	7.6	7.74
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/08/75-05/26/82	15	0.032	0.043	0.1	0.016	0.001	0.027	0.018	0.025	0.063	0.1
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/16/74-02/20/87	13	0.5	0.478	0.63	0.28	0.011	0.103	0.316	0.385	0.54	0.63
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/76-02/20/87	12	0.48	0.405	0.6	0.16	0.028	0.167	0.169	0.215	0.535	0.597
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/16/74-02/20/87	13	0.08	0.101	0.43	0.02	0.011	0.105	0.028	0.045	0.115	0.31
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/20/74-10/21/86	19	8.	7.947	17.	3.	8.497	2.915	5.	7.	8.	12.
00690	CARBON, TOTAL (MG/L AS C)	02/20/74-10/21/86	21	31.	29.905	34.	22.	8.69	2.948	26.	28.	32.	33.
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	01/16/74-09/01/82	12	1900.	1737.5	2700.	100.	876875.	936.416	235.	1000.	2675.	2700.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	01/16/74-09/01/82	12	3.278	3.124	3.431	2.	0.176	0.419	2.222	3.	3.427	3.431
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1329.141								
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	07/02/75-02/20/87	9	6.	5.889	9.	3.	4.861	2.205	3.	3.5	8.	9.
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	07/02/75-02/20/87	9	16.	18.667	30.	9.	68.	8.246	9.	11.5	27.	30.

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Annual Analysis for 1978 - Station GATE0358

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/74-04/10/87	22	17.5	15.132	24.2	0.	64.264	8.016	0.65	10.	21.325	23.97
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/11/75-10/21/86	22	2.	2.727	8.	1.	2.589	1.609	1.3	2.	3.	5.4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-04/10/87	22	37850.	35395.455	44000.	20000.	55001406.926	7416.293	23150.	30000.	41350.	44000.
00300	OXYGEN, DISSOLVED MG/L	01/16/74-04/10/87	22	6.7	7.1	12.	3.4	7.465	2.732	3.72	4.925	9.7	11.7
00310	BOD, 5 DAY, 20 DEG C MG/L	01/16/74-02/22/82	13	3.4	3.046	6.8	0.3	3.954	1.989	0.58	1.35	4.05	6.56
00400	PH (STANDARD UNITS)	01/08/75-05/26/82	18	7.6	7.511	7.9	6.9	0.062	0.249	7.08	7.375	7.625	7.81
00400	CONVERTED PH (STANDARD UNITS)	01/08/75-05/26/82	18	7.6	7.432	7.9	6.9	0.069	0.262	7.08	7.375	7.625	7.81
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/08/75-05/26/82	18	0.025	0.037	0.126	0.013	0.001	0.028	0.016	0.024	0.042	0.084
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/16/74-02/20/87	8	0.335	0.321	0.48	0.03	0.021	0.144	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/76-02/20/87	8	0.29	0.311	0.56	0.03	0.032	0.18	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/16/74-02/20/87	8	0.055	0.062	0.11	0.005	0.001	0.034	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/20/74-10/21/86	22	6.5	7.455	15.	2.	8.069	2.841	5.	6.	9.	12.1
00690	CARBON, TOTAL (MG/L AS C)	02/20/74-10/21/86	22	29.	28.955	37.	24.	7.76	2.786	24.6	27.75	30.	32.
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	01/16/74-09/01/82	6	2500.	3685.	12000.	400.	18154550.	4260.816	**	**	**	**
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	01/16/74-09/01/82	6	3.392	3.334	4.079	2.602	0.262	0.512	**	**	**	**
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			2158.31								
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	07/02/75-02/20/87	9	3.	3.333	7.	1.	4.	2.	1.	1.5	5.	7.
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	07/02/75-02/20/87	9	14.	14.333	26.	4.	47.75	6.91	4.	9.5	20.5	26.

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Annual Analysis for 1979 - Station GATE0358

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/74-04/10/87	23	16.2	15.126	25.	1.	55.187	7.429	2.36	10.	22.5	23.8
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/11/75-10/21/86	23	2.	3.	7.	1.	2.273	1.508	2.	2.	4.	5.6
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-04/10/87	20	35000.	33815.	43000.	16000.	49852921.053	7060.66	22400.	29250.	39950.	41900.
00300	OXYGEN, DISSOLVED MG/L	01/16/74-04/10/87	22	6.2	6.545	10.	3.	6.024	2.454	3.4	4.35	9.15	10.
00310	BOD, 5 DAY, 20 DEG C MG/L	01/16/74-02/22/82	10	2.	2.25	4.5	1.3	1.021	1.01	1.31	1.475	2.85	4.35
00400	PH (STANDARD UNITS)	01/08/75-05/26/82	23	7.5	7.478	8.	7.	0.07	0.265	7.08	7.3	7.6	7.9
00400	CONVERTED PH (STANDARD UNITS)	01/08/75-05/26/82	23	7.5	7.404	8.	7.	0.076	0.275	7.08	7.3	7.6	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/08/75-05/26/82	23	0.032	0.039	0.1	0.01	0.001	0.024	0.013	0.025	0.05	0.085
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/16/74-02/20/87	12	0.405	0.428	0.99	0.17	0.044	0.209	0.203	0.29	0.502	0.855
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/76-02/20/87	12	0.325	0.333	0.57	0.12	0.024	0.156	0.135	0.195	0.5	0.567
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/16/74-02/20/87	12	0.065	0.067	0.11	0.04	0.001	0.026	0.04	0.04	0.087	0.107
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/20/74-10/21/86	20	8.	8.5	16.	1.	9.526	3.086	6.	7.25	9.	12.9
00690	CARBON, TOTAL (MG/L AS C)	02/20/74-10/21/86	20	29.5	30.05	38.	25.	14.682	3.832	25.1	27.	33.5	36.7
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	01/16/74-09/01/82	14	2350.	6860.357	36000.	5.	95661432.555	9780.666	252.5	810.	12500.	25000.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	01/16/74-09/01/82	14	3.366	3.327	4.556	0.699	0.887	0.942	1.699	2.899	4.096	4.351
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			2123.861								
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	07/02/75-02/20/87	11	0.	0.818	5.	0.	2.764	1.662	0.	0.	1.	4.6
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	07/02/75-02/20/87	11	0.	2.818	13.	0.	21.564	4.644	0.	0.	5.	12.4

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Annual Analysis for 1980 - Station GATE0358

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/74-04/10/87	8	16.5	12.875	23.	0.	100.982	10.049	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/11/75-10/21/86	8	2.	1.875	3.	1.	0.411	0.641	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-04/10/87	8	43500.	41343.75	50000.	28500.	65909598.214	8118.473	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/16/74-04/10/87	8	7.05	7.888	14.5	5.	8.961	2.994	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	01/16/74-02/22/82	4	1.2	1.25	2.	0.6	0.39	0.624	**	**	**	**
00400	PH (STANDARD UNITS)	01/08/75-05/26/82	8	7.5	7.45	7.7	7.2	0.037	0.193	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/08/75-05/26/82	8	7.5	7.412	7.7	7.2	0.039	0.197	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/08/75-05/26/82	8	0.032	0.039	0.063	0.02	0.	0.017	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/16/74-02/20/87	6	0.325	0.37	0.52	0.25	0.011	0.105	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/76-02/20/87	6	0.18	0.195	0.39	0.07	0.011	0.105	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/16/74-02/20/87	3	0.09	0.09	0.11	0.07	0.	0.02	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/20/74-10/21/86	7	8.	8.857	15.	6.	10.476	3.237	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	02/20/74-10/21/86	6	30.5	31.167	36.	29.	6.167	2.483	**	**	**	**
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	01/16/74-09/01/82	8	2100.	4400.	20000.	700.	40971428.571	6400.893	**	**	**	**
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	01/16/74-09/01/82	8	3.314	3.402	4.301	2.845	0.191	0.437	**	**	**	**
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			2522.579								
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	07/02/75-02/20/87	3	0.	0.333	1.	0.	0.333	0.577	**	**	**	**
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	07/02/75-02/20/87	3	2.	1.667	3.	0.	2.333	1.528	**	**	**	**

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Annual Analysis for 1981 - Station GATE0358

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/74-04/10/87	10	19.5	15.	23.	1.	68.5	8.276	1.1	7.625	21.25	22.9
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/11/75-10/21/86	10	2.	2.9	10.	1.	6.767	2.601	1.	1.75	3.	9.3
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-04/10/87	10	41500.	41600.	50000.	27000.	54266666.667	7366.591	27800.	36500.	49250.	50000.
00300	OXYGEN, DISSOLVED MG/L	01/16/74-04/10/87	10	5.8	6.62	12.7	3.4	9.133	3.022	3.41	4.775	8.15	12.53
00310	BOD, 5 DAY, 20 DEG C MG/L	01/16/74-02/22/82	6	2.85	2.967	5.2	1.	3.155	1.776	**	**	**	**
00400	PH (STANDARD UNITS)	01/08/75-05/26/82	10	7.55	7.58	7.9	7.4	0.031	0.175	7.4	7.4	7.725	7.89
00400	CONVERTED PH (STANDARD UNITS)	01/08/75-05/26/82	10	7.547	7.551	7.9	7.4	0.032	0.178	7.4	7.4	7.725	7.89

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Annual Analysis for 1981 - Station GATE0358

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/08/75-05/26/82	10	0.028	0.028	0.04	0.013	0.	0.01	0.013	0.019	0.04	0.04
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/16/74-02/20/87	10	0.37	0.371	0.59	0.2	0.02	0.142	0.2	0.23	0.48	0.588
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/76-02/20/87	9	0.26	0.294	0.5	0.08	0.019	0.138	0.08	0.19	0.425	0.5
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/16/74-02/20/87	3	0.12	0.117	0.12	0.11	0.	0.006	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/20/74-10/21/86	10	20.	20.4	26.	16.	10.044	3.169	16.1	17.75	23.25	25.8
00690	CARBON, TOTAL (MG/L AS C)	02/20/74-10/21/86	10	33.	33.7	40.	29.	13.789	3.713	29.1	30.75	38.	39.8
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	01/16/74-09/01/82	10	5000.	15019.	100000.	110.	919995876.667	30331.434	137.	1145.	11325.	91800.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	01/16/74-09/01/82	10	3.697	3.577	5.	2.041	0.703	0.838	2.095	3.005	4.033	4.926
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			3772.358								
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	07/02/75-02/20/87	3	0.	0.667	2.	0.	1.333	1.155	**	**	**	**
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	07/02/75-02/20/87	3	1.	2.667	7.	0.	14.333	3.786	**	**	**	**

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Annual Analysis for 1982 - Station GATE0358

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/74-04/10/87	6	17.45	14.15	23.	2.8	73.391	8.567	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/11/75-10/21/86	6	1.	1.333	3.	1.	0.667	0.816	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-04/10/87	6	33500.	33083.333	39000.	27500.	20841666.667	4565.267	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/16/74-04/10/87	6	9.	9.233	12.3	6.8	4.395	2.096	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	01/16/74-02/22/82	1	8.8	8.8	8.8	8.8	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	01/08/75-05/26/82	3	7.8	7.733	8.	7.4	0.093	0.306	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/08/75-05/26/82	3	7.8	7.66	8.	7.4	0.101	0.318	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/08/75-05/26/82	3	0.016	0.022	0.04	0.01	0.	0.016	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/16/74-02/20/87	5	0.3	0.358	0.57	0.22	0.019	0.139	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/76-02/20/87	4	0.195	0.188	0.33	0.03	0.02	0.141	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/16/74-02/20/87	2	0.055	0.055	0.08	0.03	0.001	0.035	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/20/74-10/21/86	6	9.	8.	15.	1.	30.4	5.514	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	02/20/74-10/21/86	6	28.	27.333	34.	15.	47.867	6.919	**	**	**	**
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	01/16/74-09/01/82	6	2150.	2256.667	5900.	130.	4485546.667	2117.911	**	**	**	**
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	01/16/74-09/01/82	6	3.323	3.081	3.771	2.114	0.408	0.638	**	**	**	**
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1204.101								
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	07/02/75-02/20/87	3	0.	0.	0.	0.	0.	0.	**	**	**	**
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	07/02/75-02/20/87	3	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station GATE0358

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/74-04/10/87	4	23.25	18.375	24.	3.	105.229	10.258	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/11/75-10/21/86	4	1.5	1.75	3.	1.	0.917	0.957	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-04/10/87	4	37750.	37125.	39000.	34000.	5062500.	2250.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/16/74-04/10/87	3	6.4	6.367	7.3	5.4	0.903	0.95	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/16/74-02/20/87	1	0.42	0.42	0.42	0.42	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/76-02/20/87	1	0.17	0.17	0.17	0.17	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/16/74-02/20/87	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/20/74-10/21/86	4	6.5	6.75	9.	5.	4.25	2.062	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	02/20/74-10/21/86	4	29.	28.75	30.	27.	2.25	1.5	**	**	**	**
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	07/02/75-02/20/87	3	2.	2.	2.	2.	0.	0.	**	**	**	**
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	07/02/75-02/20/87	3	8.	9.	12.	7.	7.	2.646	**	**	**	**

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Annual Analysis for 1984 - Station GATE0358

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/74-04/10/87	2	13.	13.	21.	5.	128.	11.314	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-04/10/87	2	24000.	24000.	28000.	20000.	32000000.	5656.854	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/16/74-04/10/87	2	9.15	9.15	11.5	6.8	11.045	3.323	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/20/74-10/21/86	2	3.5	3.5	5.	2.	4.5	2.121	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	02/20/74-10/21/86	2	20.	20.	26.	14.	72.	8.485	**	**	**	**
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	07/02/75-02/20/87	1	1.	1.	1.	1.	0.	0.	**	**	**	**
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	07/02/75-02/20/87	1	4.	4.	4.	4.	0.	0.	**	**	**	**

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Annual Analysis for 1985 - Station GATE0358

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/74-04/10/87	7	23.2	20.457	24.	4.	53.463	7.312	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/11/75-10/21/86	5	2.	1.8	2.	1.	0.2	0.447	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-04/10/87	7	36000.	34428.571	38000.	26000.	17285714.286	4157.609	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/16/74-04/10/87	7	6.5	7.071	14.	4.6	10.256	3.202	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/16/74-02/20/87	2	0.44	0.44	0.54	0.34	0.02	0.141	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/76-02/20/87	2	0.31	0.31	0.31	0.31	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/16/74-02/20/87	2	0.145	0.145	0.2	0.09	0.006	0.078	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/20/74-10/21/86	4	5.	5.	7.	3.	2.667	1.633	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	02/20/74-10/21/86	4	29.	27.75	31.	22.	16.25	4.031	**	**	**	**
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	07/02/75-02/20/87	4	2.	2.	4.	0.	3.333	1.826	**	**	**	**
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	07/02/75-02/20/87	4	7.5	7.5	14.	1.	28.333	5.323	**	**	**	**

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Annual Analysis for 1986 - Station GATE0358

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/74-04/10/87	28	19.25	16.768	23.	2.	34.176	5.846	8.4	13.25	21.375	22.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/11/75-10/21/86	3	2.	3.	5.	2.	3.	1.732	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-04/10/87	26	34500.	34096.154	44000.	18000.	38000384.615	6164.445	25800.	30750.	38500.	43000.
00300	OXYGEN, DISSOLVED MG/L	01/16/74-04/10/87	28	5.4	6.321	13.	2.4	6.247	2.499	4.32	4.6	7.375	11.1
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/16/74-02/20/87	3	0.57	0.61	0.7	0.56	0.006	0.078	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/76-02/20/87	2	0.425	0.425	0.43	0.42	0.	0.007	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/16/74-02/20/87	3	0.16	0.157	0.16	0.15	0.	0.006	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/20/74-10/21/86	3	6.	6.333	8.	5.	2.333	1.528	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	02/20/74-10/21/86	3	29.	28.667	32.	25.	12.333	3.512	**	**	**	**
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	07/02/75-02/20/87	4	0.	0.25	1.	0.	0.25	0.5	**	**	**	**
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	07/02/75-02/20/87	4	0.	0.75	3.	0.	2.25	1.5	**	**	**	**

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Annual Analysis for 1987 - Station GATE0358

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/74-04/10/87	17	7.	4.435	9.9	0.	16.115	4.014	0.	0.	8.	9.18
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-04/10/87	17	33000.	31352.941	40000.	19000.	37617647.059	6133.323	22200.	26000.	35500.	39200.
00300	OXYGEN, DISSOLVED MG/L	01/16/74-04/10/87	17	10.2	10.3	12.	8.8	0.926	0.962	9.04	9.5	11.1	11.84
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/16/74-02/20/87	1	0.65	0.65	0.65	0.65	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/76-02/20/87	1	0.36	0.36	0.36	0.36	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/16/74-02/20/87	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**

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Annual Analysis for 1987 - Station GATE0358

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	07/02/75-02/20/87	1	0.	0.	0.	0.	0.	0.	**	**	**	**
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	07/02/75-02/20/87	1	0.	0.	0.	0.	0.	0.	**	**	**	**

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Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0358

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/74-04/10/87	78	21.45	20.471	25.	9.5	10.642	3.262	15.	19.	22.575	24.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/11/75-10/21/86	51	2.	2.176	4.	1.	0.508	0.713	1.	2.	3.	3.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-04/10/87	66	38000.	37294.697	50000.	14000.	41626932.984	6451.894	29700.	32875.	41500.	44300.
00300	OXYGEN, DISSOLVED MG/L	01/16/74-04/10/87	77	4.9	5.114	12.	2.4	2.58	1.606	3.4	4.2	5.6	7.2
00310	BOD, 5 DAY, 20 DEG C MG/L	01/16/74-02/22/82	31	2.6	2.761	6.5	0.3	1.704	1.305	1.12	2.	3.2	4.24
00400	PH (STANDARD UNITS)	01/08/75-05/26/82	33	7.4	7.355	7.9	6.9	0.051	0.227	7.	7.2	7.5	7.6
00400	CONVERTED PH (STANDARD UNITS)	01/08/75-05/26/82	33	7.4	7.298	7.9	6.9	0.055	0.234	7.	7.2	7.5	7.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/08/75-05/26/82	33	0.04	0.05	0.126	0.013	0.001	0.027	0.025	0.032	0.063	0.1
00560	OIL & GREASE (FREON EXTR.-IR METHOD) TOT,REC,MG/L	07/16/75-09/22/86	16	0.2	0.413	1.4	0.	0.185	0.43	0.07	0.1	0.675	1.33
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/16/74-02/20/87	32	0.485	0.494	0.99	0.17	0.032	0.18	0.227	0.405	0.558	0.735
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/18/76-02/20/87	15	0.62	0.797	2.35	0.34	0.279	0.528	0.346	0.49	1.	1.828
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/76-02/20/87	24	0.31	0.319	0.67	0.08	0.022	0.147	0.145	0.203	0.428	0.53
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/29/76-02/20/87	24	0.15	0.157	0.23	0.1	0.001	0.035	0.115	0.133	0.185	0.215
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/16/74-02/20/87	28	0.1	0.108	0.2	0.05	0.002	0.039	0.06	0.083	0.138	0.163
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/20/74-10/21/86	59	7.	8.407	24.	1.	22.349	4.727	5.	6.	9.	15.
00690	CARBON, TOTAL (MG/L AS C)	02/20/74-10/21/86	59	32.	31.847	48.	25.	11.304	3.362	29.	30.	33.	36.
01002	ARSENIC, TOTAL (UG/L AS AS)	12/03/75-02/20/87	7	2.	3.571	11.	1.	12.286	3.505	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	02/18/76-02/22/82	6 ##	0.25	0.333	0.5	0.25	0.017	0.129	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	01/16/74-02/20/87	17	0.5	0.906	5.	0.25	1.323	1.15	0.25	0.25	1.	2.6
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	02/18/76-02/22/82	6 ##	2.5	2.417	5.	1.	2.142	1.463	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/16/74-02/20/87	19	2.5	3.237	13.	0.5	7.01	2.648	1.	2.5	4.	5.
01040	COPPER, DISSOLVED (UG/L AS CU)	02/18/76-02/22/82	5	30.	28.5	45.	0.5	313.25	17.699	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	01/16/74-02/20/87	19	27.	36.105	180.	3.	1570.433	39.629	4.	16.	44.	81.
01045	IRON, TOTAL (UG/L AS FE)	11/06/74-02/20/87	13	84.	103.077	207.	47.	2506.41	50.064	51.	61.	143.5	189.
01049	LEAD, DISSOLVED (UG/L AS PB)	02/18/76-02/22/82	6	12.5	11.25	20.	2.5	44.375	6.661	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	01/16/74-02/20/87	18	14.	15.833	35.	2.5	105.176	10.256	2.5	10.	21.25	35.
01065	NICKEL, DISSOLVED (UG/L AS NI)	02/18/76-02/22/82	6	5.	6.75	15.	2.5	19.375	4.402	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	01/16/74-02/20/87	18	8.5	17.861	115.	2.5	782.935	27.981	2.5	2.5	14.5	56.5
01077	SILVER, TOTAL (UG/L AS AG)	11/06/74-02/20/87	13	1.	1.885	6.	0.5	3.131	1.77	0.5	0.75	2.5	5.6
01092	ZINC, TOTAL (UG/L AS ZN)	01/16/74-02/20/87	18	60.5	73.278	168.	1.	2823.389	53.136	5.5	30.5	128.25	160.8
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	01/16/74-09/01/82	32	1700.	3052.656	14000.	5.	14208680.62	3769.44	286.	655.	4050.	10160.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	01/16/74-09/01/82	32	3.23	3.146	4.146	0.699	0.462	0.68	2.456	2.816	3.598	4.003
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1397.979								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	07/02/75-02/20/87	24	5.5	7.875	37.	0.	82.114	9.062	0.	0.75	10.75	22.5
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	07/02/75-02/20/87	25	2.	2.12	9.	0.	5.943	2.438	0.	0.	3.5	5.6
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	07/02/75-02/20/87	25	8.	7.44	24.	0.	43.59	6.602	0.	0.5	13.	15.2
71900	MERCURY, TOTAL (UG/L AS HG)	01/16/74-02/20/87	21	0.2	0.39	3.9	0.05	0.701	0.837	0.05	0.05	0.3	0.96

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0358

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/74-04/10/87	67	3.8	5.085	14.3	0.	18.243	4.271	0.	1.	8.5	13.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/11/75-10/21/86	37	3.	4.108	15.	1.	7.877	2.807	2.	2.	5.	8.4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-04/10/87	55	33000.	31481.818	44000.	11000.	49916329.966	7065.149	21200.	28000.	36000.	40000.
00300	OXYGEN, DISSOLVED MG/L	01/16/74-04/10/87	65	9.6	9.512	14.5	4.7	4.003	2.001	6.86	7.55	10.85	12.
00310	BOD, 5 DAY, 20 DEG C MG/L	01/16/74-02/22/82	35	3.1	3.077	8.8	0.6	2.488	1.577	1.18	2.3	3.7	4.18
00400	PH (STANDARD UNITS)	01/08/75-05/26/82	33	7.6	7.5	8.	6.6	0.123	0.351	6.88	7.3	7.8	7.9
00400	CONVERTED PH (STANDARD UNITS)	01/08/75-05/26/82	33	7.6	7.336	8.	6.6	0.151	0.389	6.88	7.3	7.8	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/08/75-05/26/82	33	0.025	0.046	0.251	0.01	0.003	0.052	0.013	0.016	0.05	0.135
00560	OIL & GREASE (FREON EXTR.-IR METHOD) TOT,REC,MG/L	07/16/75-09/22/86	8	0.35	0.375	0.9	0.1	0.088	0.296	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/16/74-02/20/87	29	0.4	0.433	0.85	0.15	0.031	0.177	0.24	0.285	0.555	0.7
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/18/76-02/20/87	12	0.7	0.817	1.88	0.46	0.157	0.396	0.475	0.533	1.03	1.646
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/76-02/20/87	18	0.405	0.391	0.6	0.03	0.034	0.185	0.066	0.29	0.545	0.591
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/29/76-02/20/87	20	0.12	0.176	1.22	0.06	0.063	0.25	0.07	0.08	0.158	0.252
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/16/74-02/20/87	25	0.05	0.07	0.43	0.005	0.006	0.08	0.02	0.04	0.08	0.108

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0358

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/20/74-10/21/86	41	8.	8.732	20.	2.	16.151	4.019	4.2	6.	10.	14.8
00690	CARBON, TOTAL (MG/L AS C)	02/20/74-10/21/86	41	29.	28.098	36.	14.	19.04	4.364	22.4	26.5	31.	32.
01002	ARSENIC, TOTAL (UG/L AS AS)	12/03/75-02/20/87	10 ##	1.	2.1	5.	1.	2.767	1.663	1.	1.	3.5	5.
01025	CADMIUM, DISSOLVED (UG/L AS CD)	02/18/76-02/22/82	12 ##	0.25	0.438	1.	0.25	0.115	0.339	0.25	0.25	0.813	1.
01027	CADMIUM, TOTAL (UG/L AS CD)	01/16/74-02/20/87	26	0.85	1.781	10.	0.25	5.329	2.309	0.25	0.25	2.	5.
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	02/18/76-02/22/82	11 ##	2.5	2.5	5.	0.5	1.65	1.285	0.5	2.5	2.5	4.8
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/16/74-02/20/87	28 ##	2.5	4.482	27.	0.5	29.527	5.434	1.	2.5	3.75	10.5
01040	COPPER, DISSOLVED (UG/L AS CU)	02/18/76-02/22/82	12	21.5	23.917	68.	6.	268.265	16.379	6.9	11.5	28.	58.1
01042	COPPER, TOTAL (UG/L AS CU)	01/16/74-02/20/87	27	33.	36.611	214.	0.5	1609.391	40.117	5.6	15.	45.	59.6
01045	IRON, TOTAL (UG/L AS FE)	11/06/74-02/20/87	16	171.	202.625	433.	46.	11662.517	107.993	96.4	127.25	273.25	423.9
01049	LEAD, DISSOLVED (UG/L AS PB)	02/18/76-02/22/82	12	5.	6.042	15.	2.5	17.566	4.191	2.5	2.5	10.	13.5
01051	LEAD, TOTAL (UG/L AS PB)	01/16/74-02/20/87	27	15.	19.259	50.	5.	170.738	13.067	5.	10.	25.	45.
01065	NICKEL, DISSOLVED (UG/L AS NI)	02/18/76-02/22/82	12	5.	6.083	10.	2.5	6.402	2.53	2.5	5.	8.	10.
01067	NICKEL, TOTAL (UG/L AS NI)	01/16/74-02/20/87	26	8.5	19.25	180.	2.5	1393.605	37.331	2.5	2.5	12.5	60.5
01077	SILVER, TOTAL (UG/L AS AG)	11/06/74-02/20/87	15	3.	6.167	31.	0.5	78.381	8.853	0.5	1.	5.	24.4
01092	ZINC, TOTAL (UG/L AS ZN)	01/16/74-02/20/87	26	63.	81.212	250.	0.5	4410.843	66.414	18.5	30.75	117.75	202.8
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	01/16/74-09/01/82	27	1600.	3962.222	20000.	50.	30259756.41	5500.887	324.	900.	3700.	15600.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	01/16/74-09/01/82	27	3.204	3.252	4.301	1.699	0.368	0.607	2.464	2.954	3.568	4.192
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1784.806								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	07/02/75-02/20/87	14	3.	7.357	38.	0.	105.94	10.293	0.	0.	12.25	26.5
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	07/02/75-02/20/87	14	2.5	2.786	8.	0.	7.104	2.665	0.	0.	5.25	7.
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	07/02/75-02/20/87	14	12.	11.643	27.	0.	90.863	9.532	0.	2.25	18.25	27.
71900	MERCURY, TOTAL (UG/L AS HG)	01/16/74-02/20/87	25	0.1	0.112	0.3	0.05	0.007	0.086	0.05	0.05	0.15	0.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0358

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/74-04/10/87	96	15.8	15.227	24.2	4.4	36.214	6.018	7.	9.575	20.775	22.58
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/11/75-10/21/86	62	2.	2.952	8.	1.	2.571	1.604	1.3	2.	3.25	5.7
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-04/10/87	75	34000.	33080.	50000.	16000.	52985135.135	7279.089	23000.	28000.	39000.	41400.
00300	OXYGEN, DISSOLVED MG/L	01/16/74-04/10/87	96	6.8	6.921	11.	3.2	4.717	2.172	4.14	5.	9.	9.83
00310	BOD, 5 DAY, 20 DEG C MG/L	01/16/74-02/22/82	53	2.4	2.936	7.5	1.	2.197	1.482	1.5	2.	3.35	5.42
00400	PH (STANDARD UNITS)	01/08/75-05/26/82	53	7.5	7.517	8.1	6.9	0.062	0.249	7.2	7.4	7.65	7.8
00400	CONVERTED PH (STANDARD UNITS)	01/08/75-05/26/82	53	7.5	7.445	8.1	6.9	0.067	0.26	7.2	7.4	7.65	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/08/75-05/26/82	53	0.032	0.036	0.126	0.008	0.001	0.023	0.016	0.023	0.04	0.063
00560	OIL & GREASE (FREON EXTR.-IR METHOD) TOT,REC,MG/L	07/16/75-09/22/86	15	0.1	0.707	3.2	0.	1.354	1.163	0.06	0.1	0.5	3.08
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/16/74-02/20/87	37	0.37	0.366	0.65	0.03	0.021	0.147	0.196	0.25	0.48	0.574
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/18/76-02/20/87	18	0.735	0.792	1.88	0.21	0.157	0.396	0.291	0.538	0.978	1.439
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/07/76-02/20/87	24	0.245	0.305	0.6	0.03	0.027	0.163	0.145	0.183	0.473	0.56
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/29/76-02/20/87	21	0.13	0.13	0.22	0.05	0.002	0.041	0.074	0.1	0.16	0.18
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/16/74-02/20/87	32	0.06	0.129	1.15	0.005	0.049	0.222	0.033	0.043	0.098	0.32
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/20/74-10/21/86	59	8.	8.763	26.	1.	20.081	4.481	5.	6.	10.	15.
00690	CARBON, TOTAL (MG/L AS C)	02/20/74-10/21/86	65	30.	30.2	40.	24.	11.913	3.451	26.	27.5	32.	35.
01002	ARSENIC, TOTAL (UG/L AS AS)	12/03/75-02/20/87	3 ##	5.	4.	5.	2.	3.	1.732	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	02/18/76-02/22/82	14 ##	0.25	0.586	2.	0.25	0.38	0.616	0.25	0.25	0.55	2.
01027	CADMIUM, TOTAL (UG/L AS CD)	01/16/74-02/20/87	27	1.	2.906	13.	0.25	16.014	4.002	0.25	0.25	4.	12.2
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	02/18/76-02/22/82	15 ##	2.5	2.54	6.	0.1	2.731	1.653	0.34	2.5	2.5	6.
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/16/74-02/20/87	27 ##	2.5	3.967	21.	0.1	17.065	4.131	1.8	2.5	2.5	10.
01040	COPPER, DISSOLVED (UG/L AS CU)	02/18/76-02/22/82	14	21.	23.75	104.	0.5	624.875	24.997	2.25	8.5	27.5	67.
01042	COPPER, TOTAL (UG/L AS CU)	01/16/74-02/20/87	27	25.	37.815	215.	7.	1950.849	44.168	9.6	14.	39.	93.2
01045	IRON, TOTAL (UG/L AS FE)	11/06/74-02/20/87	9	140.	189.667	421.	103.	10513.75	102.537	103.	118.	246.5	421.
01049	LEAD, DISSOLVED (UG/L AS PB)	02/18/76-02/22/82	15	5.	5.167	15.	2.5	11.131	3.336	2.5	2.5	5.	12.
01051	LEAD, TOTAL (UG/L AS PB)	01/16/74-02/20/87	27	15.	25.093	115.	2.5	819.193	28.622	5.	10.	28.	83.
01065	NICKEL, DISSOLVED (UG/L AS NI)	02/18/76-02/22/82	14	5.	5.	15.	2.5	12.5	3.536	2.5	2.5	5.	12.5
01067	NICKEL, TOTAL (UG/L AS NI)	01/16/74-02/20/87	26	13.5	18.75	50.	2.5	212.665	14.583	5.	5.	30.25	41.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0358

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01077	SILVER, TOTAL (UG/L AS AG)	11/06/74-02/20/87	9	1.	1.444	6.	0.5	3.153	1.776	0.5	0.5	1.5	6.
01092	ZINC, TOTAL (UG/L AS ZN)	01/16/74-02/20/87	27	37.	60.185	191.	15.	2268.849	47.632	17.6	27.	86.	143.2
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	01/16/74-09/01/82	50	1800.	7166.3	100000.	5.	397481039.602	19936.927	50.	540.	4125.	11000.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	01/16/74-09/01/82	50	3.255	3.138	5.	0.699	0.719	0.848	1.699	2.732	3.615	4.041
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1373.341								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	07/02/75-02/20/87	28	9.5	9.75	27.	0.	50.12	7.08	0.	4.75	13.	21.2
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	07/02/75-02/20/87	28	3.	3.179	10.	0.	8.522	2.919	0.	0.	5.	7.2
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	07/02/75-02/20/87	28	10.	10.5	42.	0.	107.	10.344	0.	0.25	15.5	26.4
71900	MERCURY, TOTAL (UG/L AS HG)	01/16/74-02/20/87	17	0.1	0.106	0.5	0.05	0.012	0.109	0.05	0.05	0.1	0.26

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0359

NPS Station ID: GATE0359
LAT/LON: 40.605559/ -74.045837
Agency: 111TSILL
Date Created: 04/18/78
Location: NARROWS
FIPS State/County: 36047 NEW YORK/KINGS
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 71
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030104
Depth of Water: 3276
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METROPOLITAN AREA
ECO Region:
RF1 Index: 02030104
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
MIDCHANNEL;LOW SLACK TIDE/HUDSON R NR VERRANZANO BR,US 278,ROSEBANK,NY OTS STUDY BY INST FOR ENVIRONMENTAL STUDIES,U OF ILL

Parameter Inventory for Station: GATE0359

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	02/21/76-02/21/76	1	2.	2.	2.	2.	0.	0.	**	**	**	**
32106	CHLOROFORM,WHOLE WATER,UG/L	02/21/76-02/21/76	1	2.	2.	2.	2.	0.	0.	**	**	**	**
34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	02/21/76-02/21/76	1	1.	1.	1.	1.	0.	0.	**	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	02/21/76-02/21/76	1	3.	3.	3.	3.	0.	0.	**	**	**	**
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	02/21/76-02/21/76	1	1.	1.	1.	1.	0.	0.	**	**	**	**
34596	DI-N-OCTYL PHTHALATE TOTWUG/L	02/21/76-02/21/76	1	2.	2.	2.	2.	0.	0.	**	**	**	**
39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	02/21/76-02/21/76	1	19.	19.	19.	19.	0.	0.	**	**	**	**
39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	02/21/76-02/21/76	1	20.	20.	20.	20.	0.	0.	**	**	**	**
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	02/21/76-02/21/76	1	3.	3.	3.	3.	0.	0.	**	**	**	**
81435	BUTYL PHTHALYL BUTYL GLYCOLATE WHL WATER SMPL UG/L	02/21/76-02/21/76	1	15.	15.	15.	15.	0.	0.	**	**	**	**
81445	DIISOBUTYL PHTHALATE WHL WATER SMPL UG/L	02/21/76-02/21/76	1	9.	9.	9.	9.	0.	0.	**	**	**	**
81446	DIOCTYL ADIPATE WHL WATER SMPL UG/L	02/21/76-02/21/76	1	2.	2.	2.	2.	0.	0.	**	**	**	**
81452	FATTY ACID METHYL ESTER CÖ14 WHL WATER SMPL UG/L	02/21/76-02/21/76	1	1.	1.	1.	1.	0.	0.	**	**	**	**
81454	FATTY ACID METHYL ESTER CÖ16 WHL WATER SMPL UG/L	02/21/76-02/21/76	1	1.	1.	1.	1.	0.	0.	**	**	**	**
81460	FATTY ACID METHYL ESTER CÖ22 WHL WATER SMPL UG/L	02/21/76-02/21/76	1	2.	2.	2.	2.	0.	0.	**	**	**	**
81469	HYDROCARBON CÖ14 WHL WATER SMPL UG/L	02/21/76-02/21/76	1	3.	3.	3.	3.	0.	0.	**	**	**	**
81471	HYDROCARBON CÖ16 WHL WATER SMPL UG/L	02/21/76-02/21/76	1	3.	3.	3.	3.	0.	0.	**	**	**	**
81475	HYDROCARBON CÖ20 WHL WATER SMPL UG/L	02/21/76-02/21/76	1	6.	6.	6.	6.	0.	0.	**	**	**	**
81476	HYDROCARBON CÖ22 WHL WATER SMPL UG/L	02/21/76-02/21/76	1	7.	7.	7.	7.	0.	0.	**	**	**	**
81477	HYDROCARBON CÖ24 WHL WATER SMPL UG/L	02/21/76-02/21/76	1	5.	5.	5.	5.	0.	0.	**	**	**	**
81478	HYDROCARBON CÖ26 WHL WATER SMPL UG/L	02/21/76-02/21/76	1	5.	5.	5.	5.	0.	0.	**	**	**	**
81479	HYDROCARBON CÖ28 WHL WATER SMPL UG/L	02/21/76-02/21/76	1	7.	7.	7.	7.	0.	0.	**	**	**	**
81488	METHYL LAURATE WHL WATER SMPL UG/L	02/21/76-02/21/76	1	2.	2.	2.	2.	0.	0.	**	**	**	**
81489	METHYL MYRISTATE WHL WATER SMPL UG/L	02/21/76-02/21/76	1	3.	3.	3.	3.	0.	0.	**	**	**	**
81491	METHYL PALMITATE WHL WATER SMPL UG/L	02/21/76-02/21/76	1	9.	9.	9.	9.	0.	0.	**	**	**	**
81492	METHYL PENTACHLOROPHENYL ETHER WHL WATER SMPL UG/L	02/21/76-02/21/76	1	1.	1.	1.	1.	0.	0.	**	**	**	**
81494	METHYL STEARATE WHL WATER SMPL UG/L	02/21/76-02/21/76	1	11.	11.	11.	11.	0.	0.	**	**	**	**
81503	TERPENE C=15 WHL WATER SMPL UG/L	02/21/76-02/21/76	1	1.	1.	1.	1.	0.	0.	**	**	**	**
81504	TERPINEOL C=10 WHL WATER SMPL UG/L	02/21/76-02/21/76	1	2.	2.	2.	2.	0.	0.	**	**	**	**
81505	TERPINEOL C=15 WHL WATER SMPL UG/L	02/21/76-02/21/76	1	3.	3.	3.	3.	0.	0.	**	**	**	**
81509	UNIDENTIFIED PHTHALATE WHL WATER SMPL UG/L	02/21/76-02/21/76	1	1.	1.	1.	1.	0.	0.	**	**	**	**
81523	DIBUTYL NONANEDIOATE WHL WATER SMPL UG/L	02/21/76-02/21/76	1	4.	4.	4.	4.	0.	0.	**	**	**	**
81526	DICYCLOHEXYL PHTHALATE WHL WATER SMPL UG/L	02/21/76-02/21/76	1	7.	7.	7.	7.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0359

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
32103	1,2-DICHLOROETHANE,WHOLE WATER	Fresh Acute	118000.	1	0	0.00				1	0	0.00						
		Drinking Water	5.	1	0	0.00				1	0	0.00						
32106	CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	1	0	0.00				1	0	0.00						
		Drinking Water	100.	1	0	0.00				1	0	0.00						
34475	TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	1	0	0.00				1	0	0.00						
		Drinking Water	5.	1	0	0.00				1	0	0.00						
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	Fresh Acute	2000.	1	0	0.00				1	0	0.00						
		Drinking Water	6.	1	1	1.00				1	1	1.00						
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	1	0	0.00				1	0	0.00						
		Drinking Water	5.	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0360

NPS Station ID: GATE0360
LAT/LON: 40.607781/ -74.046392
Agency: 1111H030
Date Created: / /
Location: RARITAN BAY (102)
FIPS State/County: 36085 NEW YORK/RICHMOND
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): 403628007402470/102
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030104
Depth of Water: 90
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-N.Y. METROPOLI
ECO Region:
RF1 Index: 02030104
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0360

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/01/62-03/28/73	242	14.	13.338	24.8	0.1	51.263	7.16	2.79	7.2	19.6	21.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/01/62-12/14/72	211	18.	17.407	35.	0.	73.397	8.567	6.	10.	24.5	28.
00030	LIGHT, INCIDENT, SUNLIGHT RADIATION INTENSITY	08/25/69-08/25/69	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/24/66-03/28/73	67	3.5	6.284	35.	1.2	51.943	7.207	2.	2.5	6.5	11.2
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	03/05/69-01/29/70	14	4.1	4.8	11.	1.8	6.863	2.62	2.05	3.4	5.275	10.5
00080	COLOR (PLATINUM-COBALT UNITS)	04/13/70-04/13/70	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/21/72-03/28/73	9	22600.	24694.444	36900.	12500.	77821527.778	8821.651	12500.	17225.	33200.	36900.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/23/63-03/28/73	89	34770.	34428.315	53280.	19658.	33227444.559	5764.325	28000.	29655.	39100.	41300.
00300	OXYGEN, DISSOLVED MG/L	08/01/62-03/28/73	244	5.7	6.134	11.5	2.	5.968	2.443	3.2	4.1	8.375	9.75
00310	BOD, 5 DAY, 20 DEG C MG/L	08/01/62-03/20/68	97	2.1	2.244	5.2	0.8	0.866	0.931	1.3	1.6	2.6	3.52
00340	COD, .25N K2CR2O7 MG/L	02/03/64-09/20/66	39	110.	110.872	356.	8.	3402.273	58.329	51.	65.	136.	165.
00380	CHLORINE DEMAND, 24 HOUR (MG/L)	01/06/65-01/06/65	1	4.7	4.7	4.7	4.7	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	03/16/64-11/30/71	49	7.2	7.32	8.2	6.2	0.152	0.39	6.9	7.	7.6	7.8
00400	CONVERTED PH (STANDARD UNITS)	03/16/64-11/30/71	49	7.2	7.143	8.2	6.2	0.184	0.429	6.9	7.	7.6	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/16/64-11/30/71	49	0.063	0.072	0.631	0.006	0.008	0.092	0.016	0.025	0.1	0.126
00436	ACIDITY, MINERAL (METHYL ORANGE) (MG/L AS CACO3)	01/06/65-01/06/65	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00437	ACIDITY, CO2 (PHENOLPHTHALEIN) (MG/L AS CACO3)	01/06/65-01/06/65	1	4700.	4700.	4700.	4700.	0.	0.	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	03/28/73-03/28/73	2	19.4	19.4	22.3	16.5	16.82	4.101	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/12/63-07/29/64	2	0.75	0.75	0.92	0.58	0.058	0.24	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/12/63-03/28/73	23	0.35	0.404	1.47	0.	0.106	0.326	0.092	0.18	0.54	0.87
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/21/63-09/20/66	89	0.04	0.039	0.1	0.	0.	0.02	0.02	0.03	0.05	0.07
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/05/63-03/28/73	101	0.12	0.155	2.	0.	0.042	0.205	0.04	0.085	0.16	0.286
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/11/66-03/28/73	35	0.94	0.887	1.47	0.34	0.063	0.251	0.534	0.7	1.06	1.206
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/11/66-04/29/68	26	0.59	0.629	1.63	0.24	0.086	0.293	0.351	0.455	0.705	1.04
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/05/63-07/09/68	95	0.55	0.579	1.44	0.12	0.052	0.229	0.306	0.43	0.69	0.924
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/21/72-03/28/73	7	0.15	0.184	0.45	0.1	0.014	0.12	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/20/68-03/28/73	60	4.	5.048	24.5	1.	21.99	4.689	2.	3.	5.	7.
00910	CALCIUM (MG/L AS CACO3)	07/09/68-07/09/68	2	15650.	15650.	17500.	13800.	6845000.	2616.295	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/01/62-03/28/73	187	14000.	13532.267	16700.	5700.	3815209.38	1953.256	10500.	12800.	14800.	15500.
01002	ARSENIC, TOTAL (UG/L AS AS)	03/21/72-05/02/72	4	5.	4.75	7.	2.	6.917	2.63	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	02/18/71-03/28/73	4	71.	65.5	110.	10.	1739.667	41.709	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/18/71-05/02/72	5	40.	52.	110.	30.	1070.	32.711	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	04/29/68-04/29/68	2	130.	130.	180.	80.	5000.	70.711	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	02/18/71-03/28/73	4 ##	37.5	50.	120.	5.	2516.667	50.166	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	04/29/68-09/17/68	6	310.	1238.333	6100.	130.	5679376.667	2383.144	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	02/18/71-03/28/73	4	510.	1067.5	3200.	50.	2092225.	1446.453	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	03/21/72-03/28/73	3	90.	75.	110.	25.	1975.	44.441	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	04/29/68-09/17/68	6	67.	149.167	440.	26.	27718.567	166.489	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GATE0360

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01092	ZINC, TOTAL (UG/L AS ZN)	03/21/72-03/28/73	3	70.	108.333	230.	25.	11608.333	107.742	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/01/62-03/28/73	185	23000.	65167.297	710000.	850.123	57011927.438	111162.098	4600.	9300.	64000.	196000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/01/62-03/28/73	185	4.362	4.404	5.851	2.929	0.352	0.593	3.663	3.968	4.806	5.29
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			25380.197								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/31/62-06/01/67	69	11000.	21962.174	240000.	270.	1127669517.263	33580.791	2200.	4900.	31500.	54000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/31/62-06/01/67	69	4.041	4.013	5.38	2.431	0.341	0.584	3.342	3.69	4.496	4.732
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			10314.884								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/31/62-06/01/67	69	4600.	6072.899	35000.	170.	42678729.71	6532.896	330.	1300.	8550.	16000.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/31/62-06/01/67	69	3.663	3.5	4.544	2.23	0.325	0.57	2.519	3.114	3.931	4.204
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3164.634								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/63-03/28/73	162	2800.	8928.	360000.	2.	873287837.963	29551.444	506.	1175.	7850.	20700.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/63-03/28/73	162	3.447	3.435	5.556	0.301	0.516	0.718	2.704	3.07	3.895	4.316
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2722.31								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/01/62-09/20/66	130	575.	727.769	4000.	20.	440732.256	663.877	110.	247.5	955.	1500.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/01/62-09/20/66	130	2.76	2.677	3.602	1.301	0.199	0.446	2.041	2.394	2.98	3.176
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			475.732								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	02/03/64-09/20/66	27	2.	5.741	31.	0.	49.815	7.058	0.	0.	8.	16.2
70305	SALINITY BASED ON CONDUCTIVITY	01/23/68-12/14/72	63	23.3	22.408	27.7	11.8	14.018	3.744	16.62	21.	25.	26.12
71900	MERCURY, TOTAL (UG/L AS HG)	02/18/71-03/28/73	6 ##	0.25	0.292	0.5	0.15	0.017	0.132	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0360

				Total	Exceed	Prop.	----------8/01-10/31----------			----------11/01-3/31----------			----------4/01-7/31----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	67	0	0.00	16	0	0.00	26	0	0.00	25	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	244	58	0.24	69	32	0.46	85	2	0.02	90	24	0.27			
00400	PH	Other-Hi Lim.	9.	49	0	0.00	11	0	0.00	18	0	0.00	20	0	0.00			
		Other-Lo Lim.	6.5	49	1	0.02	11	0	0.00	18	1	0.06	20	0	0.00			
01002	ARSENIC, TOTAL	Marine Acute	69.	4	0	0.00				2	0	0.00	2	0	0.00			
01027	CADMIUM, TOTAL	Marine Acute	43.	4	3	0.75				4	3	0.75						
01040	COPPER, DISSOLVED	Marine Acute	2.9	2	2	1.00							2	2	1.00			
01042	COPPER, TOTAL	Marine Acute	2.9	2 &	2	1.00				2	2	1.00						
01051	LEAD, TOTAL	Marine Acute	220.	4	3	0.75				4	3	0.75						
01067	NICKEL, TOTAL	Marine Acute	75.	3	2	0.67				3	2	0.67						
01090	ZINC, DISSOLVED	Marine Acute	95.	6	2	0.33	2	0	0.00				4	2	0.50			
01092	ZINC, TOTAL	Marine Acute	95.	3	1	0.33				3	1	0.33						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	185	184	0.99	58	58	1.00	70	69	0.99	57	57	1.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	69	64	0.93	12	11	0.92	24	22	0.92	33	31	0.94			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	69	68	0.99	12	12	1.00	24	24	1.00	33	32	0.97			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	162	155	0.96	47	45	0.96	51	49	0.96	64	61	0.95			
71900	MERCURY, TOTAL	Marine Acute	2.1	6	0	0.00				4	0	0.00	2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1962 - Station GATE0360

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/01/62-03/28/73	30	10.3	13.807	22.4	8.2	30.988	5.567	8.5	9.675	21.225	21.77
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/01/62-12/14/72	30	14.	16.667	29.	7.	72.782	8.531	7.	8.	28.	28.
00300	OXYGEN, DISSOLVED MG/L	08/01/62-03/28/73	30	5.65	5.57	7.7	2.9	1.265	1.125	3.74	4.95	6.425	6.88
00310	BOD, 5 DAY, 20 DEG C MG/L	08/01/62-03/20/68	4	3.45	3.325	4.	2.4	0.449	0.67	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/01/62-03/28/73	23	14200.	14104.348	15700.	11400.	1294980.237	1137.972	11800.	14000.	14600.	15520.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/01/62-03/28/73	30	12000.	54410.	360000.	2800.10	522444379.31	102578.967	4490.	6550.	42250.	310000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/01/62-03/28/73	30	4.078	4.267	5.556	3.447	0.34	0.583	3.652	3.816	4.626	5.478
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			18479.153								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1963 - Station GATE0360

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/01/62-03/28/73	75	18.5	15.353	24.2	0.1	41.335	6.429	5.26	10.8	19.7	21.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/01/62-12/14/72	67	24.	21.791	35.	4.	58.865	7.672	10.4	18.	27.	31.2
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/23/63-03/28/73	26	30400.	31411.538	39200.	28000.	8265861.538	2875.041	28620.	29200.	33250.	36160.
00300	OXYGEN, DISSOLVED MG/L	08/01/62-03/28/73	76	4.8	5.538	10.4	2.1	5.119	2.262	3.17	3.8	6.85	9.4
00310	BOD, 5 DAY, 20 DEG C MG/L	08/01/62-03/20/68	44	1.65	1.75	3.6	0.8	0.268	0.518	1.1	1.4	2.1	2.35
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/21/63-09/20/66	34	0.04	0.044	0.1	0.02	0.	0.02	0.025	0.03	0.06	0.07
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/05/63-03/28/73	36	0.12	0.124	0.43	0.	0.006	0.076	0.03	0.083	0.16	0.203
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/05/63-07/09/68	38	0.555	0.571	1.08	0.12	0.038	0.194	0.297	0.468	0.7	0.811
00940	CHLORIDE,TOTAL IN WATER MG/L	08/01/62-03/28/73	70	14400.	14082.857	16700.	5700.	2839122.153	1684.969	12710.	13375.	15100.	15700.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/01/62-03/28/73	29	54000.	77193.103	710000.	7900.16	841882093.596	129776.277	9600.	18500.	80000.	130000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/01/62-03/28/73	29	4.732	4.626	5.851	3.898	0.209	0.458	3.982	4.247	4.903	5.114
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			42258.067								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/63-03/28/73	61	6400.	9491.574	52000.	2.	119465611.482	10930.033	332.	1700.	11500.	26600.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/63-03/28/73	61	3.806	3.578	4.716	0.301	0.71	0.843	2.514	3.23	4.06	4.425
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3785.731								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1964 - Station GATE0360

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/01/62-03/28/73	16	11.05	11.6	24.5	1.7	55.912	7.477	1.91	4.825	18.025	22.89
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/01/62-12/14/72	14	14.	12.286	28.	0.	76.22	8.73	0.5	2.5	18.75	24.5
00300	OXYGEN, DISSOLVED MG/L	08/01/62-03/28/73	16	6.65	7.131	10.3	3.8	4.833	2.198	4.15	5.425	9.45	10.16
00310	BOD, 5 DAY, 20 DEG C MG/L	08/01/62-03/20/68	9	2.1	2.256	3.7	1.3	0.773	0.879	1.3	1.45	3.	3.7
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/21/63-09/20/66	10	0.055	0.053	0.09	0.02	0.001	0.029	0.02	0.02	0.08	0.089
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/05/63-03/28/73	10	0.1	0.11	0.18	0.02	0.003	0.051	0.024	0.075	0.16	0.178
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/05/63-07/09/68	10	0.63	0.624	0.96	0.26	0.053	0.231	0.274	0.423	0.818	0.954
00940	CHLORIDE,TOTAL IN WATER MG/L	08/01/62-03/28/73	11	12300.	12520.	15400.	8400.	5147860.	2268.89	8720.	10400.	14530.	15360.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/01/62-03/28/73	7	7100.	33728.571	140000.	4600.	2457575714.286	49573.942	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/01/62-03/28/73	7	3.851	4.16	5.146	3.663	0.356	0.597	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			14470.569								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/63-03/28/73	10	1800.	8297.	67000.	810.	426097290.	20642.124	825.	990.	2875.	60610.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/63-03/28/73	10	3.253	3.364	4.826	2.908	0.306	0.554	2.916	2.996	3.458	4.693
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2310.799								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1965 - Station GATE0360

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/01/62-03/28/73	22	14.25	12.641	23.	1.5	55.705	7.464	2.45	4.925	19.375	22.78
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/01/62-12/14/72	21	12.	13.762	25.	0.	60.69	7.79	4.4	6.	21.5	24.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/23/63-03/28/73	2	36000.	36000.	38000.	34000.	8000000.	2828.427	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/01/62-03/28/73	22	6.05	6.1	10.	2.	5.811	2.411	2.73	4.275	8.075	9.69
00310	BOD, 5 DAY, 20 DEG C MG/L	08/01/62-03/20/68	11	2.4	2.336	4.4	0.9	0.953	0.976	1.02	1.6	2.9	4.16
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/21/63-09/20/66	20	0.04	0.039	0.07	0.02	0.	0.014	0.02	0.03	0.048	0.06
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/05/63-03/28/73	18	0.105	0.131	0.42	0.04	0.011	0.105	0.04	0.06	0.145	0.366
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/05/63-07/09/68	20	0.565	0.607	1.08	0.27	0.045	0.211	0.366	0.458	0.703	0.97
00940	CHLORIDE,TOTAL IN WATER MG/L	08/01/62-03/28/73	22	13700.	13746.364	16110.	10400.	1568376.623	1252.348	11945.	13300.	14675.	15170.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/01/62-03/28/73	22	53000.	99070.455	630000.	850.22	328780156.926	149428.177	1430.	7450.	110750.	315000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/01/62-03/28/73	22	4.719	4.474	5.799	2.929	0.656	0.81	3.132	3.868	5.027	5.497
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			29774.691								

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Annual Analysis for 1966 - Station GATE0360

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/01/62-03/28/73	25	14.	13.052	23.1	2.	68.338	8.267	2.3	4.3	21.7	23.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/01/62-12/14/72	20	18.5	15.9	29.	0.	52.411	7.24	6.	10.	20.	22.8
00300	OXYGEN, DISSOLVED MG/L	08/01/62-03/28/73	25	5.4	5.876	9.8	2.	7.453	2.73	2.8	3.3	8.7	9.74
00310	BOD, 5 DAY, 20 DEG C MG/L	08/01/62-03/20/68	23	2.6	2.661	5.2	1.5	0.952	0.975	1.6	2.	2.8	4.7
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/21/63-09/20/66	25	0.03	0.027	0.07	0.	0.	0.016	0.01	0.01	0.04	0.05
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/05/63-03/28/73	25	0.13	0.114	0.16	0.	0.002	0.042	0.032	0.105	0.14	0.154
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/05/63-07/09/68	25	0.48	0.571	1.44	0.24	0.084	0.291	0.29	0.375	0.625	1.026
00940	CHLORIDE,TOTAL IN WATER MG/L	08/01/62-03/28/73	24	13400.	13002.083	15900.	7750.	4610973.732	2147.318	9650.	11475.	14875.	15350.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/01/62-03/28/73	25	24000.	66768.	420000.	3400.	9640793100.	98187.54	5440.	9800.	96000.	230000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/01/62-03/28/73	25	4.38	4.454	5.623	3.531	0.334	0.578	3.732	3.991	4.982	5.362
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			28443.991								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/63-03/28/73	23	3300.	5270.87	17000.	10.	23755571.937	4873.969	424.	2000.	8400.	14200.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/63-03/28/73	23	3.519	3.431	4.23	1.	0.53	0.728	2.331	3.301	3.924	4.151
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2696.196								

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Annual Analysis for 1967 - Station GATE0360

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/01/62-03/28/73	3	18.	16.5	18.1	13.4	7.21	2.685	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/23/63-03/28/73	1	20800.	20800.	20800.	20800.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/01/62-03/28/73	3	3.3	4.733	7.6	3.3	6.163	2.483	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/01/62-03/20/68	2	4.75	4.75	5.2	4.3	0.405	0.636	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/01/62-03/28/73	3	13000.	12066.667	13200.	10000.	3213333.333	1792.577	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/01/62-03/28/73	3	91000.	134333.333	260000.	52000.12	22433333.333	110563.707	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/01/62-03/28/73	3	4.959	5.03	5.415	4.716	0.126	0.355	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			107153.418								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/63-03/28/73	2	38500.	38500.	40000.	37000.	4500000.	2121.32	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/63-03/28/73	2	4.585	4.585	4.602	4.568	0.001	0.024	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			38470.768								

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Annual Analysis for 1968 - Station GATE0360

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/01/62-03/28/73	10	9.6	10.38	21.4	0.1	77.424	8.799	0.1	1.3	19.75	21.4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/01/62-12/14/72	6	21.	14.233	21.7	0.	121.651	11.03	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/23/63-03/28/73	4	38150.	36775.	41700.	29100.	31022500.	5569.785	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/01/62-03/28/73	10	7.25	7.6	10.8	3.8	5.262	2.294	3.95	6.125	9.975	10.77
00310	BOD, 5 DAY, 20 DEG C MG/L	08/01/62-03/20/68	4	2.6	2.675	3.2	2.3	0.149	0.386	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/05/63-03/28/73	5	0.27	0.218	0.32	0.08	0.011	0.106	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/05/63-07/09/68	2	0.32	0.32	0.38	0.26	0.007	0.085	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/01/62-03/28/73	4	13500.	13275.	15600.	10500.	4942500.	2223.173	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/01/62-03/28/73	8	9200.	20962.5	75000.	3800.	682388392.857	26122.565	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/01/62-03/28/73	8	3.964	4.081	4.875	3.58	0.208	0.456	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			12042.548								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/63-03/28/73	4	1000.	1045.	1400.	780.	93433.333	305.669	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/63-03/28/73	4	2.991	3.005	3.146	2.892	0.016	0.127	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1011.867								
70305	SALINITY BASED ON CONDUCTIVITY	01/23/68-12/14/72	5	23.2	23.04	26.9	17.9	11.213	3.349	**	**	**	**

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Annual Analysis for 1969 - Station GATE0360

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/01/62-03/28/73	16	17.8	14.906	24.8	2.5	59.427	7.709	3.62	7.325	21.15	24.52
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/01/62-12/14/72	14	18.	19.25	31.	10.	38.952	6.241	10.	15.5	24.875	28.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/23/63-03/28/73	15	39000.	38684.	43000.	34000.	9924497.143	3150.317	34462.	35710.	41400.	42460.
00300	OXYGEN, DISSOLVED MG/L	08/01/62-03/28/73	16	5.7	6.188	9.7	3.3	5.085	2.255	3.44	4.125	8.5	9.49
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/01/62-03/28/73	16	23500.	28793.75	68000.	2500.	377267291.667	19423.37	4390.	14250.	46000.	63800.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/01/62-03/28/73	16	4.371	4.338	4.833	3.398	0.145	0.381	3.621	4.154	4.663	4.804
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			21768.747								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/63-03/28/73	16	2100.	25595.	360000.	480.	7960861786.667	89223.662	648.	1725.	5225.	116400.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/63-03/28/73	16	3.322	3.504	5.556	2.681	0.435	0.659	2.805	3.237	3.716	4.522
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3189.855								
70305	SALINITY BASED ON CONDUCTIVITY	01/23/68-12/14/72	15	23.9	24.14	27.7	18.4	6.043	2.458	20.26	22.5	26.2	27.1

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Annual Analysis for 1970 - Station GATE0360

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/01/62-03/28/73	16	11.55	11.325	23.	0.3	66.89	8.179	0.79	3.475	18.675	22.37
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/01/62-12/14/72	15	12.5	16.533	31.	4.5	78.267	8.847	4.5	10.	23.	31.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/23/63-03/28/73	16	37900.	35446.875	43300.	23050.	38558489.583	6209.548	24555.	30450.	40525.	41900.
00300	OXYGEN, DISSOLVED MG/L	08/01/62-03/28/73	16	6.1	6.75	11.5	2.1	11.967	3.459	2.38	3.4	10.3	11.36
00940	CHLORIDE,TOTAL IN WATER MG/L	08/01/62-03/28/73	7	14500.	13250.	16200.	7100.	8804166.667	2967.182	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/01/62-03/28/73	15	20000.	111453.333	480000.	1000.	27276889809.524	165157.167	3100.	12000.	270000.	408000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/01/62-03/28/73	15	4.301	4.491	5.681	3.	0.599	0.774	3.392	4.079	5.431	5.606
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			30946.98								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/63-03/28/73	16	2450.	6611.25	24000.	180.	75008958.333	8660.771	474.	1300.	12050.	23300.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/63-03/28/73	16	3.389	3.466	4.38	2.255	0.351	0.592	2.621	3.11	4.008	4.367
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2922.741								
70305	SALINITY BASED ON CONDUCTIVITY	01/23/68-12/14/72	15	23.9	22.613	26.2	13.7	11.961	3.459	15.74	20.9	25.	25.78

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Annual Analysis for 1971 - Station GATE0360

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/01/62-03/28/73	12	10.7	10.983	21.9	1.5	53.392	7.307	1.77	2.85	17.675	20.67
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/01/62-12/14/72	9	8.	11.556	30.	5.5	60.715	7.792	5.5	5.75	14.	30.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/23/63-03/28/73	8	35835.	35256.25	39200.	30000.	7891998.214	2809.27	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/01/62-03/28/73	12	5.2	6.158	9.9	3.	6.119	2.474	3.21	4.075	9.025	9.81
00940	CHLORIDE,TOTAL IN WATER MG/L	08/01/62-03/28/73	6	13000.	13316.667	15000.	12200.	993666.667	996.828	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/01/62-03/28/73	12	20500.	24791.667	50000.	3500.	187339015.152	13687.184	6050.	14750.	36750.	47000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/01/62-03/28/73	12	4.312	4.313	4.699	3.544	0.097	0.312	3.705	4.167	4.565	4.67
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			20559.616								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/63-03/28/73	12	1250.	2104.167	6700.	500.	2992935.606	1730.01	575.	1000.	2975.	5620.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/63-03/28/73	12	3.097	3.21	3.826	2.699	0.104	0.322	2.752	3.	3.473	3.726
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1621.271								
70305	SALINITY BASED ON CONDUCTIVITY	01/23/68-12/14/72	12	22.4	22.475	25.4	19.1	4.055	2.014	19.55	21.025	24.525	25.37

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Annual Analysis for 1972 - Station GATE0360

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/01/62-03/28/73	15	11.5	10.407	21.7	1.5	46.226	6.799	2.46	3.6	16.	21.58
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/01/62-12/14/72	15	13.	15.133	25.	3.5	72.874	8.537	5.	6.5	24.	25.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/23/63-03/28/73	15	37740.	34406.8	53280.	19658.	74389297.886	8624.923	20169.2	27269.	39362.	45246.
00300	OXYGEN, DISSOLVED MG/L	08/01/62-03/28/73	16	8.95	7.5	10.4	2.5	7.037	2.653	2.64	5.425	9.675	10.12
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/05/63-03/28/73	6	0.34	0.578	2.	0.1	0.498	0.706	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/01/62-03/28/73	15	13510.	12079.6	15200.	6700.	7758671.686	2785.439	7150.	10300.	14400.	14900.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/01/62-03/28/73	16	20000.	68006.25	430000.	3600.	14208507291.667	119199.443	3880.	6125.	68000.	332000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/01/62-03/28/73	16	4.299	4.376	5.633	3.556	0.403	0.635	3.588	3.75	4.821	5.514
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			23760.74								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/63-03/28/73	16	1000.	2543.75	18000.	100.	18757291.667	4330.969	338.	570.	3275.	8340.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/63-03/28/73	16	2.998	3.082	4.255	2.	0.272	0.521	2.45	2.756	3.508	3.813
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1208.965								
70305	SALINITY BASED ON CONDUCTIVITY	01/23/68-12/14/72	16	22.9	20.344	25.7	11.8	27.449	5.239	12.01	16.125	24.8	25.63

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1973 - Station GATE0360

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/01/62-03/28/73	2	5.65	5.65	6.	5.3	0.245	0.495	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/23/63-03/28/73	2	30979.	30979.	35187.	26771.	35414528.	5951.011	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/01/62-03/28/73	2	11.15	11.15	11.4	10.9	0.125	0.354	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/05/63-03/28/73	1	0.32	0.32	0.32	0.32	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/01/62-03/28/73	2	12500.	12500.	15500.	9500.	18000000.	4242.641	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/01/62-03/28/73	2	5700.	5700.	5800.	5600.	20000.	141.421	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/01/62-03/28/73	2	3.756	3.756	3.763	3.748	0.	0.011	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			5699.123								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/63-03/28/73	2	360.	360.	400.	320.	3200.	56.569	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/63-03/28/73	2	2.554	2.554	2.602	2.505	0.005	0.069	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			357.771								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0360

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/01/62-03/28/73	69	20.5	19.838	24.8	12.3	8.321	2.885	15.	18.95	21.55	22.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/01/62-12/14/72	68	25.	23.051	33.	11.	36.964	6.08	13.	18.	28.	31.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/24/66-03/28/73	16	2.75	2.956	5.5	1.2	1.403	1.184	1.48	2.025	3.8	5.15
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/23/63-03/28/73	37	33200.	34106.919	43000.	28000.	20320585.188	4507.836	29120.	29700.	38410.5	40904.
00300	OXYGEN, DISSOLVED MG/L	08/01/62-03/28/73	69	4.2	4.265	6.8	2.	1.394	1.181	2.7	3.45	5.25	6.
00400	PH (STANDARD UNITS)	03/16/64-11/30/71	11	7.	7.064	7.7	6.7	0.073	0.269	6.72	6.9	7.2	7.62
00400	CONVERTED PH (STANDARD UNITS)	03/16/64-11/30/71	11	7.	7.001	7.7	6.7	0.077	0.277	6.72	6.9	7.2	7.62
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/16/64-11/30/71	11	0.1	0.1	0.2	0.02	0.002	0.05	0.026	0.063	0.126	0.191
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/05/63-03/28/73	27	0.14	0.13	0.22	0.02	0.003	0.058	0.028	0.09	0.16	0.21
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/11/66-03/28/73	6	1.055	1.083	1.23	0.97	0.012	0.108	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/01/62-03/28/73	56	14650.	14692.857	16200.	12140.	645308.052	803.311	13707.	14125.	15250.	15800.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/01/62-03/28/73	58	53000.	121256.897	710000.	4800.	25233806355.112	158851.523	7460.	16250.	132500.	360000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/01/62-03/28/73	58	4.724	4.727	5.851	3.681	0.358	0.599	3.873	4.209	5.122	5.556
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			53325.439								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/63-03/28/73	47	7200.	17972.979	360000.	10.	2714387099.63	52099.78	664.	2100.	15000.	27200.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/63-03/28/73	47	3.857	3.736	5.556	1.	0.569	0.754	2.822	3.322	4.176	4.435
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			5448.89								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0360

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/01/62-03/28/73	84	4.85	5.689	14.	0.1	14.24	3.774	1.05	2.425	8.675	10.75
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/01/62-12/14/72	66	8.	8.364	18.	0.	22.281	4.72	1.	5.875	11.	16.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/24/66-03/28/73	26	4.95	6.735	27.	1.5	32.991	5.744	2.5	3.35	8.	16.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/23/63-03/28/73	29	36680.	35245.31	43300.	19658.	37450521.365	6119.683	26771.	29950.	40295.	41900.
00300	OXYGEN, DISSOLVED MG/L	08/01/62-03/28/73	85	8.7	8.136	11.4	4.	3.658	1.912	5.46	6.45	9.7	10.4
00400	PH (STANDARD UNITS)	03/16/64-11/30/71	18	7.35	7.344	8.1	6.2	0.216	0.464	6.83	7.	7.65	8.01
00400	CONVERTED PH (STANDARD UNITS)	03/16/64-11/30/71	18	7.347	7.075	8.1	6.2	0.293	0.541	6.83	7.	7.65	8.01
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/16/64-11/30/71	18	0.045	0.084	0.631	0.008	0.02	0.141	0.01	0.023	0.1	0.176
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/05/63-03/28/73	28	0.115	0.224	2.	0.	0.137	0.37	0.018	0.08	0.285	0.421
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/11/66-03/28/73	12	0.7	0.728	1.03	0.34	0.063	0.25	0.373	0.52	1.	1.027
00940	CHLORIDE,TOTAL IN WATER MG/L	08/01/62-03/28/73	56	13300.	12950.786	16700.	7750.	3948765.662	1987.15	9850.	12062.5	14375.	15230.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/01/62-03/28/73	70	11000.	19905.	270000.	850.	1205227547.101	34716.387	3410.	5500.	21000.	45100.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/01/62-03/28/73	70	4.041	4.037	5.431	2.929	0.209	0.458	3.533	3.74	4.322	4.653
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			10894.507								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/63-03/28/73	51	2000.	3956.667	67000.	100.	93160702.667	9651.979	528.	940.	3200.	6300.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/63-03/28/73	51	3.301	3.259	4.826	2.	0.23	0.479	2.722	2.973	3.505	3.795
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1815.408								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0360

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/01/62-03/28/73	89	17.3	15.519	24.5	5.5	26.751	5.172	7.	11.15	19.1	21.9
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/01/62-12/14/72	77	20.	20.174	35.	5.	43.881	6.624	10.	16.5	24.	27.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/24/66-03/28/73	25	3.6	7.944	35.	1.5	97.128	9.855	1.92	2.6	7.5	32.4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/23/63-03/28/73	23	34770.	33915.217	53280.	20510.	50664789.723	7117.92	21700.	29200.	37270.	40980.
00300	OXYGEN, DISSOLVED MG/L	08/01/62-03/28/73	90	5.2	5.674	11.5	2.1	5.027	2.242	3.01	3.8	6.925	9.47
00400	PH (STANDARD UNITS)	03/16/64-11/30/71	20	7.4	7.44	8.2	6.9	0.099	0.315	7.02	7.2	7.675	7.8
00400	CONVERTED PH (STANDARD UNITS)	03/16/64-11/30/71	20	7.4	7.343	8.2	6.9	0.109	0.331	7.02	7.2	7.675	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/16/64-11/30/71	20	0.04	0.045	0.126	0.006	0.001	0.03	0.016	0.021	0.063	0.096
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/05/63-03/28/73	46	0.12	0.127	0.42	0.03	0.005	0.074	0.054	0.09	0.14	0.221

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0360

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/11/66-03/28/73	17	0.87	0.931	1.47	0.67	0.052	0.228	0.67	0.75	1.07	1.334
00940	CHLORIDE,TOTAL IN WATER MG/L	08/01/62-03/28/73	75	13600.	13099.867	15900.	5700.	4710366.198	2170.338	10460.	12100.	14600.	15200.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/01/62-03/28/73	57	34000.	63678.947	430000.	3800.	7610687048.872	87239.252	7700.	13500.	68000.	188000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/01/62-03/28/73	57	4.531	4.527	5.633	3.58	0.242	0.492	3.886	4.13	4.832	5.267
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			33686.308								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/63-03/28/73	64	2500.	6247.125	43000.	2.	87523133.19	9355.38	380.	1125.	7175.	17500.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/63-03/28/73	64	3.398	3.354	4.633	0.301	0.62	0.788	2.57	3.051	3.856	4.243
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2258.6								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0361

NPS Station ID: GATE0361
LAT/LON: 40.460837/ -74.046392
Agency: 31ISC2RS
Date Created: / /
Location: SANDY HOOK BAY NEAR LEONARDO
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): RSH-7 /RB-07 /RB07 /4407
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METROPOLITAN AREA
ECO Region:
RF1 Index: 02030104
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
FLASHING RED BUOY R"4" OFF THE TIP OF LEONARDO (U.S.N.) PIER

Parameter Inventory for Station: GATE0361

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/71-07/21/82	107	20.5	16.931	26.5	0.	50.003	7.071	5.46	12.4	22.2	23.84
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/12/71-07/22/71	8	18.	17.875	25.	12.	14.696	3.834	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/11/75-07/21/82	79	3.	3.506	27.	0.	11.048	3.324	2.	2.	4.	6.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/06/74-07/21/82	81	38000.	37688.889	50000.	14000.	53135000.	7289.376	27000.	34000.	42500.	48000.
00300	OXYGEN, DISSOLVED MG/L	07/12/71-07/21/82	105	8.2	8.346	16.8	3.6	4.833	2.198	5.4	7.	9.6	11.2
00310	BOD, 5 DAY, 20 DEG C MG/L	07/31/74-11/04/81	48	3.55	3.76	16.8	0.5	5.924	2.434	1.47	2.525	4.4	5.61
00400	PH (STANDARD UNITS)	07/12/71-06/02/82	89	7.6	7.561	8.3	6.7	0.126	0.354	7.	7.3	7.8	8.
00400	CONVERTED PH (STANDARD UNITS)	07/12/71-06/02/82	89	7.6	7.412	8.3	6.7	0.148	0.385	7.	7.3	7.8	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/12/71-06/02/82	89	0.025	0.039	0.2	0.005	0.001	0.036	0.01	0.016	0.05	0.1
00560	OIL & GREASE (FREON EXTR.-IR METHOD) TOT,REC,MG/L	07/16/75-05/05/82	14	0.3	0.271	0.8	0.	0.047	0.216	0.	0.1	0.4	0.65
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/12/71-05/05/82	35	0.35	0.561	2.8	0.05	0.339	0.582	0.13	0.22	0.66	1.434
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/12/71-10/01/75	17	0.07	0.066	0.12	0.04	0.001	0.024	0.04	0.04	0.08	0.104
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/12/71-10/01/75	17	0.49	0.62	1.61	0.31	0.112	0.334	0.35	0.395	0.745	1.258
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/07/76-05/05/82	9	0.72	0.648	1.15	0.17	0.106	0.325	0.17	0.335	0.905	1.15
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/25/76-05/05/82	25	0.3	0.338	0.83	0.07	0.03	0.173	0.15	0.215	0.445	0.598
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/07/76-05/05/82	23	0.12	0.169	0.75	0.05	0.02	0.142	0.072	0.1	0.18	0.286
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/21/74-05/05/82	34	0.06	0.066	0.27	0.005	0.003	0.054	0.01	0.028	0.083	0.12
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/12/71-07/21/82	94	9.	9.936	40.	2.	27.329	5.228	5.	7.	12.	16.5
00690	CARBON, TOTAL (MG/L AS C)	07/12/71-07/21/82	97	31.	31.371	57.	23.	17.652	4.201	27.	29.	33.	36.
00940	CHLORIDE,TOTAL IN WATER MG/L	07/12/71-10/01/75	28	14450.	13639.286	16100.	7000.	4660992.063	2158.933	10280.	13050.	14925.	15500.
01000	ARSENIC, DISSOLVED (UG/L AS AS)	02/25/76-05/02/79	2	## 5.	5.	5.	5.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	02/25/76-07/01/81	6	## 2.5	2.833	5.	1.	3.367	1.835	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	02/25/76-07/01/81	17	## 0.25	0.603	2.	0.25	0.336	0.58	0.25	0.25	0.75	2.
01027	CADMIUM, TOTAL (UG/L AS CD)	07/12/71-07/01/81	32	0.5	2.041	25.	0.25	25.393	5.039	0.25	0.25	1.	5.8
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	02/25/76-07/01/81	17	## 2.5	2.441	7.	0.5	2.184	1.478	0.5	1.75	2.5	4.6
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/12/71-07/01/81	33	## 2.5	4.121	15.	0.5	8.235	2.87	1.6	2.5	5.	8.
01035	COBALT, DISSOLVED (UG/L AS CO)	02/25/76-07/01/81	11	## 0.5	0.818	4.	0.5	1.114	1.055	0.5	0.5	0.5	3.3
01037	COBALT, TOTAL (UG/L AS CO)	07/02/75-07/01/81	14	## 0.5	2.607	18.	0.5	21.622	4.65	0.5	0.5	3.25	11.
01040	COPPER, DISSOLVED (UG/L AS CU)	02/25/76-07/01/81	16	16.	19.656	51.	0.5	188.691	13.736	2.95	8.5	30.	39.8
01042	COPPER, TOTAL (UG/L AS CU)	07/12/71-07/01/81	32	41.	43.141	115.	0.5	648.02	25.456	12.6	25.5	61.75	76.2
01045	IRON, TOTAL (UG/L AS FE)	07/02/75-07/01/81	14	148.5	160.714	370.	45.	8174.681	90.414	45.	96.25	231.75	310.
01046	IRON, DISSOLVED (UG/L AS FE)	02/25/76-07/01/81	11	13.	18.273	40.	3.	114.618	10.706	4.2	11.	25.	38.
01049	LEAD, DISSOLVED (UG/L AS PB)	02/25/76-07/01/81	16	5.	5.344	13.	2.5	13.257	3.641	2.5	2.5	6.5	13.
01051	LEAD, TOTAL (UG/L AS PB)	07/19/71-07/01/81	30	10.	15.567	105.	2.	373.409	19.324	2.5	5.	17.75	24.5
01065	NICKEL, DISSOLVED (UG/L AS NI)	02/25/76-07/01/81	16	5.	6.5	13.	2.5	12.6	3.55	2.5	3.125	10.	11.6
01067	NICKEL, TOTAL (UG/L AS NI)	07/12/71-07/01/81	33	15.	23.348	125.	2.5	655.304	25.599	3.5	6.	32.	58.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GATE0361

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01075	SILVER, DISSOLVED (UG/L AS AG)	02/25/76-07/01/81	11 ##	0.5	0.864	3.	0.5	0.555	0.745	0.5	0.5	1.	2.6
01077	SILVER, TOTAL (UG/L AS AG)	07/02/75-07/01/81	14	1.	2.071	9.	0.5	5.495	2.344	0.5	0.5	3.	6.5
01090	ZINC, DISSOLVED (UG/L AS ZN)	02/25/76-07/01/81	15	52.	62.4	185.	19.	1659.971	40.743	21.4	35.	73.	128.6
01092	ZINC, TOTAL (UG/L AS ZN)	07/12/71-07/01/81	32	58.	75.125	189.	12.	2228.694	47.209	27.3	40.5	122.75	152.7
01100	TIN, DISSOLVED (UG/L AS SN)	02/25/76-07/01/81	11 ##	25.	25.	25.	25.	0.	0.	25.	25.	25.	25.
01102	TIN, TOTAL (UG/L AS SN)	02/25/76-07/01/81	11 ##	25.	25.	25.	25.	0.	0.	25.	25.	25.	25.
01105	ALUMINUM, TOTAL (UG/L AS AL)	07/02/75-07/01/81	12	74.5	79.917	170.	10.	2785.538	52.778	13.	32.5	132.5	161.
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	02/25/76-07/01/81	11	30.	22.727	40.	5.	136.818	11.697	5.	10.	30.	38.
31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	06/01/77-07/21/82	21	300.	6913.19	100000.	5.	486724609.762	22061.836	34.	115.	2450.	22000.
31504	LOG COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,	06/01/77-07/21/82	21	2.477	2.698	5.	0.699	0.997	0.999	1.521	2.057	3.388	4.288
31504	GM COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,3	GEOMETRIC MEAN =			498.476								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	07/31/74-07/21/82	44	110.	634.477	11000.	5.	4805024.255	2192.037	5.	22.5	207.5	580.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	07/31/74-07/21/82	44	2.041	1.932	4.041	0.699	0.646	0.804	0.699	1.345	2.317	2.754
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			85.472								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/12/71-07/26/71	16	22.	39.438	240.	0.	3712.529	60.931	4.2	6.	38.75	156.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/12/71-07/26/71	16	1.338	1.252	2.38	0.	0.335	0.579	0.545	0.778	1.583	2.169
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			17.853								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/02/75-07/21/82	30	16.5	26.767	177.	0.	1225.633	35.009	0.1	7.25	33.75	70.5
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	04/02/75-07/21/82	30	2.	3.733	15.	0.	17.513	4.185	0.	0.	6.25	9.9
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	04/02/75-07/21/82	32	16.5	22.688	184.	0.	1173.77	34.26	0.	1.5	24.	47.1
32230	CHLOROPHYLL A (MG/L)	07/13/71-07/13/71	1	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	08/20/75-09/03/80	7	3.	4.286	9.	0.5	15.155	3.893	**	**	**	**
70204	TIDE, DURATION BETWEEN ADJ. HIGHS OR LOWS (HOURS)	07/12/71-07/26/71	17	12.3	12.394	12.6	12.1	0.029	0.171	12.18	12.3	12.6	12.6
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	07/12/71-07/26/71	17	11228.	11064.294	11938.	10004.	340462.096	583.491	10115.2	10607.5	11433.	11829.2
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/12/71-07/26/71	8	0.12	0.139	0.31	0.09	0.005	0.07	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	07/13/71-07/01/81	30	0.1	0.182	0.8	0.05	0.034	0.185	0.05	0.05	0.2	0.49

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0361

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	8	0	0.00							8	0	0.00			
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	79	0	0.00	25	0	0.00	17	0	0.00	37	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	105	1	0.01	29	1	0.03	20	0	0.00	56	0	0.00			
00400	PH	Other-Hi Lim.	9.	89	0	0.00	20	0	0.00	20	0	0.00	49	0	0.00			
		Other-Lo Lim.	6.5	89	0	0.00	20	0	0.00	20	0	0.00	49	0	0.00			
01000	ARSENIC, DISSOLVED	Marine Acute	69.	2	0	0.00				1	0	0.00	1	0	0.00			
01002	ARSENIC, TOTAL	Marine Acute	69.	6	0	0.00				4	0	0.00	2	0	0.00			
01025	CADMIUM, DISSOLVED	Marine Acute	43.	17	0	0.00	3	0	0.00	7	0	0.00	7	0	0.00			
01027	CADMIUM, TOTAL	Marine Acute	43.	32	0	0.00	7	0	0.00	9	0	0.00	16	0	0.00			
01040	COPPER, DISSOLVED	Marine Acute	2.9	16	15	0.94	3	3	1.00	6	6	1.00	7	6	0.86			
01042	COPPER, TOTAL	Marine Acute	2.9	32	31	0.97	7	7	1.00	8	7	0.88	17	17	1.00			
01049	LEAD, DISSOLVED	Marine Acute	220.	16	0	0.00	3	0	0.00	6	0	0.00	7	0	0.00			
01051	LEAD, TOTAL	Marine Acute	220.	30	0	0.00	7	0	0.00	9	0	0.00	14	0	0.00			
01065	NICKEL, DISSOLVED	Marine Acute	75.	16	0	0.00	3	0	0.00	6	0	0.00	7	0	0.00			
01067	NICKEL, TOTAL	Marine Acute	75.	33	1	0.03	7	1	0.14	9	0	0.00	17	0	0.00			
01075	SILVER, DISSOLVED	Marine Acute	0.12	4 &	4	1.00				2	2	1.00	2	2	1.00			
01077	SILVER, TOTAL	Marine Acute	0.12	8 &	8	1.00	3	3	1.00	2	2	1.00	3	3	1.00			
01090	ZINC, DISSOLVED	Marine Acute	95.	15	1	0.07	2	1	0.50	6	0	0.00	7	0	0.00			
01092	ZINC, TOTAL	Marine Acute	95.	32	9	0.28	7	4	0.57	9	2	0.22	16	3	0.19			
31504	COLIFORM,TOT,MEMBRANE FILTR,IMMED. LES-E	Other-Hi Lim.	1000.	21	8	0.38	8	2	0.25	2	0	0.00	11	6	0.55			
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	44	17	0.39	16	7	0.44	7	2	0.29	21	8	0.38			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	16	1	0.06							16	1	0.06			
71900	MERCURY, TOTAL	Marine Acute	2.1	30	0	0.00	7	0	0.00	9	0	0.00	14	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1971 - Station GATE0361

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/71-07/21/82	17	21.6	21.982	24.3	19.8	1.265	1.125	20.76	21.4	22.5	24.22
00300	OXYGEN, DISSOLVED MG/L	07/12/71-07/21/82	17	8.7	8.618	11.	6.6	1.518	1.232	7.	7.55	9.5	10.44
00400	PH (STANDARD UNITS)	07/12/71-06/02/82	16	7.35	7.394	8.1	6.7	0.179	0.423	6.84	7.05	7.6	8.03
00400	CONVERTED PH (STANDARD UNITS)	07/12/71-06/02/82	16	7.325	7.22	8.1	6.7	0.211	0.46	6.84	7.05	7.6	8.03
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/12/71-06/02/82	16	0.047	0.06	0.2	0.008	0.003	0.054	0.009	0.025	0.091	0.148
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/12/71-07/21/82	13	8.	7.923	12.	5.	3.744	1.935	5.4	6.	9.	11.2
00690	CARBON, TOTAL (MG/L AS C)	07/12/71-07/21/82	13	34.	34.077	36.	32.	1.577	1.256	32.4	33.	35.	36.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station GATE0361

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/71-07/21/82	6	19.8	18.517	23.2	11.4	26.906	5.187	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/06/74-07/21/82	1	43000.	43000.	43000.	43000.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/12/71-07/21/82	6	6.45	7.35	12.	5.5	5.603	2.367	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/12/71-07/21/82	6	9.	9.333	15.	5.	18.267	4.274	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	07/12/71-07/21/82	6	33.	34.	39.	31.	10.8	3.286	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GATE0361

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/71-07/21/82	15	12.4	13.393	24.	1.8	72.345	8.506	2.52	6.	21.5	24.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/11/75-07/21/82	13	4.	5.846	27.	2.	44.641	6.681	2.	2.	6.	19.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/06/74-07/21/82	14	34000.	33392.857	50000.	14000.	58160714.286	7626.317	21500.	30000.	37250.	44000.
00300	OXYGEN, DISSOLVED MG/L	07/12/71-07/21/82	15	8.8	8.86	11.4	4.4	5.08	2.254	5.12	7.8	11.2	11.28
00400	PH (STANDARD UNITS)	07/12/71-06/02/82	15	7.8	7.587	8.1	7.	0.166	0.407	7.	7.2	8.	8.04
00400	CONVERTED PH (STANDARD UNITS)	07/12/71-06/02/82	15	7.8	7.411	8.1	7.	0.199	0.446	7.	7.2	8.	8.04
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/12/71-06/02/82	15	0.016	0.039	0.1	0.008	0.001	0.036	0.009	0.01	0.063	0.1
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/12/71-07/21/82	13	10.	10.154	14.	4.	10.974	3.313	4.8	7.	13.	13.6
00690	CARBON, TOTAL (MG/L AS C)	07/12/71-07/21/82	15	30.	30.067	34.	25.	4.352	2.086	27.4	29.	31.	33.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station GATE0361

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/71-07/21/82	12	20.35	17.333	22.	8.	31.266	5.592	8.3	10.65	21.6	22.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/11/75-07/21/82	10	3.	3.2	5.	2.	1.511	1.229	2.	2.	4.25	5.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/06/74-07/21/82	12	38000.	36458.333	43000.	24000.	34339015.152	5859.95	24450.	35500.	40000.	42400.
00300	OXYGEN, DISSOLVED MG/L	07/12/71-07/21/82	12	8.	7.967	12.	5.	5.561	2.358	5.03	5.625	9.05	12.
00400	PH (STANDARD UNITS)	07/12/71-06/02/82	9	7.4	7.322	7.8	6.8	0.087	0.295	6.8	7.1	7.5	7.8
00400	CONVERTED PH (STANDARD UNITS)	07/12/71-06/02/82	9	7.4	7.23	7.8	6.8	0.097	0.311	6.8	7.1	7.5	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/12/71-06/02/82	9	0.04	0.059	0.158	0.016	0.002	0.044	0.016	0.032	0.082	0.158
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/12/71-07/21/82	10	8.	7.9	12.	4.	6.544	2.558	4.1	5.75	9.5	11.9
00690	CARBON, TOTAL (MG/L AS C)	07/12/71-07/21/82	10	31.5	30.8	35.	26.	8.4	2.898	26.2	28.	33.	34.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GATE0361

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/71-07/21/82	12	18.75	16.183	24.	0.	63.989	7.999	1.59	11.025	22.5	24.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/11/75-07/21/82	11	3.	3.	5.	2.	1.2	1.095	2.	2.	4.	4.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/06/74-07/21/82	10	39000.	37750.	44000.	26000.	38847222.222	6232.754	26600.	32750.	43125.	43950.
00300	OXYGEN, DISSOLVED MG/L	07/12/71-07/21/82	11	7.	7.255	9.6	5.2	2.529	1.59	5.24	5.6	8.4	9.6
00400	PH (STANDARD UNITS)	07/12/71-06/02/82	5	7.8	7.76	8.	7.4	0.053	0.23	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/12/71-06/02/82	5	7.8	7.707	8.	7.4	0.057	0.238	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/12/71-06/02/82	5	0.016	0.02	0.04	0.01	0.	0.012	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/12/71-07/21/82	9	8.	8.222	13.	5.	5.694	2.386	5.	6.5	9.5	13.
00690	CARBON, TOTAL (MG/L AS C)	07/12/71-07/21/82	10	29.5	30.1	36.	26.	8.1	2.846	26.2	28.	31.5	35.7

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GATE0361

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/71-07/21/82	10	19.4	17.46	24.	3.	42.427	6.514	3.8	13.25	22.45	23.98
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/11/75-07/21/82	10	2.	2.7	5.	2.	1.122	1.059	2.	2.	3.25	4.9
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/06/74-07/21/82	10	37250.	35450.	45500.	21000.	60636111.111	7786.919	21500.	29000.	41250.	45150.
00300	OXYGEN, DISSOLVED MG/L	07/12/71-07/21/82	9	7.8	8.644	16.8	4.5	13.43	3.665	4.5	6.2	10.4	16.8
00400	PH (STANDARD UNITS)	07/12/71-06/02/82	9	7.5	7.444	7.8	6.9	0.078	0.279	6.9	7.25	7.65	7.8
00400	CONVERTED PH (STANDARD UNITS)	07/12/71-06/02/82	9	7.5	7.356	7.8	6.9	0.087	0.294	6.9	7.25	7.65	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/12/71-06/02/82	9	0.032	0.044	0.126	0.016	0.001	0.034	0.016	0.023	0.057	0.126
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/12/71-07/21/82	10	7.5	10.8	40.	5.	107.733	10.379	5.1	6.75	10.	37.
00690	CARBON, TOTAL (MG/L AS C)	07/12/71-07/21/82	10	29.	31.7	57.	28.	79.344	8.908	28.	28.75	29.25	54.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station GATE0361

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/71-07/21/82	12	18.	15.25	25.	1.5	61.614	7.849	2.85	7.	21.75	24.55
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/11/75-07/21/82	12	4.	4.583	11.	1.	6.629	2.575	1.6	3.	5.75	9.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/06/74-07/21/82	10	37000.	35250.	40500.	24000.	26513888.889	5149.164	24500.	32750.	39000.	40350.
00300	OXYGEN, DISSOLVED MG/L	07/12/71-07/21/82	11	8.4	8.291	11.2	4.8	5.211	2.283	4.92	6.	10.8	11.2
00400	PH (STANDARD UNITS)	07/12/71-06/02/82	12	7.6	7.6	8.1	7.2	0.075	0.273	7.23	7.4	7.8	8.04
00400	CONVERTED PH (STANDARD UNITS)	07/12/71-06/02/82	12	7.589	7.527	8.1	7.2	0.08	0.283	7.23	7.4	7.8	8.04
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/12/71-06/02/82	12	0.026	0.03	0.063	0.008	0.	0.017	0.009	0.016	0.04	0.059
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/12/71-07/21/82	10	9.5	9.	14.	2.	11.556	3.399	2.3	7.25	11.	13.7
00690	CARBON, TOTAL (MG/L AS C)	07/12/71-07/21/82	10	30.5	29.9	35.	24.	13.433	3.665	24.2	26.75	32.75	35.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GATE0361

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/71-07/21/82	9	19.5	17.778	26.5	5.5	52.882	7.272	5.5	11.	23.5	26.5
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/11/75-07/21/82	9	2.	3.	11.	1.	9.25	3.041	1.	2.	2.5	11.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/06/74-07/21/82	10	42000.	40450.	49500.	26500.	43969444.444	6630.946	27250.	37000.	44250.	49350.
00300	OXYGEN, DISSOLVED MG/L	07/12/71-07/21/82	10	8.85	9.	11.4	7.3	1.956	1.398	7.34	7.7	10.15	11.32
00400	PH (STANDARD UNITS)	07/12/71-06/02/82	10	7.75	7.76	8.3	7.1	0.134	0.366	7.13	7.55	8.1	8.28
00400	CONVERTED PH (STANDARD UNITS)	07/12/71-06/02/82	10	7.725	7.619	8.3	7.1	0.156	0.395	7.13	7.55	8.1	8.28
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/12/71-06/02/82	10	0.019	0.024	0.079	0.005	0.	0.022	0.005	0.008	0.029	0.075
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/12/71-07/21/82	9	9.	9.111	13.	7.	3.111	1.764	7.	8.	10.	13.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GATE0361

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00690	CARBON, TOTAL (MG/L AS C)	07/12/71-07/21/82	9	30.	29.667	32.	26.	3.75	1.936	26.	28.5	31.	32.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station GATE0361

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/71-07/21/82	10	18.1	15.12	23.5	0.	72.066	8.489	0.15	9.75	21.375	23.4
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/11/75-07/21/82	10	2.	2.2	4.	1.	0.622	0.789	1.1	2.	2.25	3.9
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/06/74-07/21/82	10	49000.	47100.	50000.	37000.	17822222.222	4221.637	37650.	45000.	50000.	50000.
00300	OXYGEN, DISSOLVED MG/L	07/12/71-07/21/82	10	8.25	7.84	10.9	3.6	5.354	2.314	3.74	6.425	9.45	10.89
00400	PH (STANDARD UNITS)	07/12/71-06/02/82	10	7.7	7.69	8.	7.3	0.043	0.208	7.32	7.5	7.825	7.99
00400	CONVERTED PH (STANDARD UNITS)	07/12/71-06/02/82	10	7.7	7.643	8.	7.3	0.046	0.214	7.32	7.5	7.825	7.99
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/12/71-06/02/82	10	0.02	0.023	0.05	0.01	0.	0.012	0.01	0.015	0.032	0.048
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/12/71-07/21/82	10	19.	18.5	22.	12.	12.5	3.536	12.1	16.75	21.25	22.
00690	CARBON, TOTAL (MG/L AS C)	07/12/71-07/21/82	10	35.	34.1	39.	27.	16.1	4.012	27.3	30.	37.25	38.9

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station GATE0361

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/71-07/21/82	4	15.05	13.725	21.8	3.	63.783	7.986	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/11/75-07/21/82	4	1.5	1.25	2.	0.	0.917	0.957	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/06/74-07/21/82	4	35900.	36200.	40000.	33000.	13893333.333	3727.376	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/12/71-07/21/82	4	9.05	10.	14.	7.9	7.607	2.758	**	**	**	**
00400	PH (STANDARD UNITS)	07/12/71-06/02/82	3	7.9	7.8	7.9	7.6	0.03	0.173	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/12/71-06/02/82	3	7.9	7.776	7.9	7.6	0.031	0.176	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/12/71-06/02/82	3	0.013	0.017	0.025	0.013	0.	0.007	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/12/71-07/21/82	4	7.5	6.25	8.	2.	8.25	2.872	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	07/12/71-07/21/82	4	28.	28.	33.	23.	17.333	4.163	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0361

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/71-07/21/82	30	22.	20.947	26.5	9.	16.672	4.083	11.98	20.15	23.35	24.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/11/75-07/21/82	25	2.	2.8	9.	2.	2.25	1.5	2.	2.	3.	4.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/06/74-07/21/82	23	41000.	42152.174	50000.	35000.	22623517.787	4756.419	36200.	38000.	45500.	50000.
00300	OXYGEN, DISSOLVED MG/L	07/12/71-07/21/82	29	6.5	6.828	11.2	3.6	2.848	1.688	5.	5.5	7.8	9.2
00310	BOD, 5 DAY, 20 DEG C MG/L	07/31/74-11/04/81	17	3.2	3.382	6.7	0.9	3.039	1.743	0.98	1.95	4.95	5.82
00400	PH (STANDARD UNITS)	07/12/71-06/02/82	20	7.45	7.49	7.9	6.9	0.1	0.316	7.	7.3	7.8	7.9
00400	CONVERTED PH (STANDARD UNITS)	07/12/71-06/02/82	20	7.447	7.378	7.9	6.9	0.113	0.336	7.	7.3	7.8	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/12/71-06/02/82	20	0.036	0.042	0.126	0.013	0.001	0.033	0.013	0.016	0.05	0.1
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/12/71-05/05/82	12	0.5	0.461	0.85	0.05	0.054	0.233	0.095	0.288	0.645	0.802
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/25/76-05/05/82	8	0.24	0.328	0.83	0.15	0.055	0.234	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/21/74-05/05/82	12	0.075	0.07	0.11	0.01	0.001	0.029	0.019	0.05	0.098	0.107
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/12/71-07/21/82	29	9.	9.448	22.	2.	24.685	4.968	5.	6.	11.	20.
00690	CARBON, TOTAL (MG/L AS C)	07/12/71-07/21/82	30	31.	31.433	39.	24.	12.116	3.481	28.	29.	33.	36.9
01027	CADMIUM, TOTAL (UG/L AS CD)	07/12/71-07/01/81	7	0.5	4.893	25.	0.25	84.643	9.2	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/12/71-07/01/81	7 ##	2.5	4.357	10.	2.5	10.393	3.224	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/12/71-07/01/81	7	32.	37.143	64.	15.	366.476	19.144	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/19/71-07/01/81	7	10.	24.286	105.	10.	1270.238	35.64	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	07/12/71-07/01/81	7	10.	29.643	125.	2.5	1921.726	43.837	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	07/12/71-07/01/81	7	128.	108.857	189.	40.	3438.81	58.641	**	**	**	**
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	07/31/74-07/21/82	16	99.5	738.688	10000.	5.	6114570.229	2472.766	5.	6.25	207.5	3322.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	07/31/74-07/21/82	16	1.998	1.839	4.	0.699	0.831	0.912	0.699	0.774	2.317	3.064
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			68.984								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/02/75-07/21/82	9	17.	23.	57.	5.	303.75	17.428	5.	9.	37.	57.
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	04/02/75-07/21/82	9	4.	4.556	13.	0.	21.028	4.586	0.	0.5	8.5	13.
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	04/02/75-07/21/82	9	16.	16.889	48.	0.	209.861	14.487	0.	6.	24.	48.
71900	MERCURY, TOTAL (UG/L AS HG)	07/13/71-07/01/81	7 ##	0.05	0.086	0.2	0.05	0.003	0.056	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0361

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/71-07/21/82	20	5.75	6.215	14.	0.	21.633	4.651	0.15	2.1	9.625	13.66
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/11/75-07/21/82	17	3.	3.765	11.	1.	7.441	2.728	1.	2.	6.	7.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/06/74-07/21/82	20	34000.	34700.	48000.	21000.	48484210.526	6963.06	24250.	29750.	39375.	45250.
00300	OXYGEN, DISSOLVED MG/L	07/12/71-07/21/82	20	10.7	9.94	14.	5.5	3.811	1.952	8.	8.225	11.2	11.94
00310	BOD, 5 DAY, 20 DEG C MG/L	07/31/74-11/04/81	13	3.2	3.208	7.8	0.5	3.489	1.868	0.78	1.75	4.1	6.6
00400	PH (STANDARD UNITS)	07/12/71-06/02/82	20	7.5	7.465	8.	6.8	0.103	0.322	7.01	7.2	7.7	7.89
00400	CONVERTED PH (STANDARD UNITS)	07/12/71-06/02/82	20	7.5	7.349	8.	6.8	0.118	0.343	7.01	7.2	7.7	7.89
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/12/71-06/02/82	20	0.032	0.045	0.158	0.01	0.001	0.036	0.013	0.02	0.063	0.098
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/12/71-05/05/82	9	0.36	0.478	1.27	0.13	0.137	0.37	0.13	0.175	0.72	1.27
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/25/76-05/05/82	7	0.44	0.433	0.67	0.28	0.02	0.141	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/21/74-05/05/82	9	0.05	0.043	0.09	0.005	0.001	0.035	0.005	0.01	0.08	0.09
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/12/71-07/21/82	19	9.	10.105	18.	4.	17.211	4.149	5.	7.	13.	18.
00690	CARBON, TOTAL (MG/L AS C)	07/12/71-07/21/82	19	29.	29.632	37.	26.	8.023	2.833	26.	28.	30.	36.
01027	CADMIUM, TOTAL (UG/L AS CD)	07/12/71-07/01/81	9 ##	0.25	2.028	15.	0.25	23.726	4.871	0.25	0.25	0.75	15.
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/12/71-07/01/81	9	4.	4.611	15.	1.	16.924	4.114	1.	2.5	5.	15.
01042	COPPER, TOTAL (UG/L AS CU)	07/12/71-07/01/81	8	40.5	44.938	115.	0.5	1303.46	36.103	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/19/71-07/01/81	9	15.	13.667	20.	5.	36.	6.	5.	7.5	20.	20.
01067	NICKEL, TOTAL (UG/L AS NI)	07/12/71-07/01/81	9	11.	12.611	30.	2.5	74.486	8.631	2.5	5.	17.5	30.
01092	ZINC, TOTAL (UG/L AS ZN)	07/12/71-07/01/81	9	63.	69.667	152.	33.	1587.	39.837	33.	36.	93.	152.
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	07/31/74-07/21/82	7	150.	137.571	320.	20.	10814.619	103.993	**	**	**	**
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	07/31/74-07/21/82	7	2.176	1.998	2.505	1.301	0.173	0.416	**	**	**	**
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			99.532								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/02/75-07/21/82	6	11.5	10.333	19.	0.	47.067	6.861	**	**	**	**
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	04/02/75-07/21/82	5	0.	2.6	9.	0.	15.8	3.975	**	**	**	**
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	04/02/75-07/21/82	6	5.	8.667	26.	0.	107.867	10.386	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0361

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71900	MERCURY, TOTAL (UG/L AS HG)	07/13/71-07/01/81	9	0.1	0.217	0.6	0.05	0.034	0.184	0.05	0.1	0.35	0.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0361

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/71-07/21/82	57	21.	18.577	24.3	5.3	26.266	5.125	10.76	15.6	22.1	23.5
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/11/75-07/21/82	37	3.	3.865	27.	0.	18.62	4.315	2.	2.	4.	5.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/06/74-07/21/82	38	37000.	36560.526	50000.	14000.	58017588.905	7616.928	25950.	32750.	42000.	47250.
00300	OXYGEN, DISSOLVED MG/L	07/12/71-07/21/82	56	8.55	8.563	16.8	4.4	4.185	2.046	5.82	7.325	9.6	11.
00310	BOD, 5 DAY, 20 DEG C MG/L	07/31/74-11/04/81	18	3.8	4.517	16.8	2.6	10.073	3.174	2.69	3.15	4.35	6.81
00400	PH (STANDARD UNITS)	07/12/71-06/02/82	49	7.6	7.629	8.3	6.7	0.139	0.373	7.	7.4	7.95	8.1
00400	CONVERTED PH (STANDARD UNITS)	07/12/71-06/02/82	49	7.6	7.456	8.3	6.7	0.17	0.412	7.	7.4	7.95	8.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/12/71-06/02/82	49	0.025	0.035	0.2	0.005	0.001	0.038	0.008	0.011	0.04	0.1
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/12/71-05/05/82	14	0.32	0.699	2.8	0.08	0.721	0.849	0.105	0.2	0.982	2.435
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/25/76-05/05/82	10	0.3	0.279	0.48	0.07	0.013	0.114	0.08	0.208	0.353	0.468
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/21/74-05/05/82	13	0.06	0.078	0.27	0.02	0.006	0.076	0.02	0.025	0.1	0.238
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/12/71-07/21/82	46	9.	10.174	40.	2.	34.014	5.832	6.	7.	11.	14.5
00690	CARBON, TOTAL (MG/L AS C)	07/12/71-07/21/82	48	31.5	32.021	57.	23.	23.851	4.884	27.	30.	34.	36.
01027	CADMIUM, TOTAL (UG/L AS CD)	07/12/71-07/01/81	16	0.5	0.8	3.	0.25	0.529	0.727	0.25	0.4	0.975	2.3
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/12/71-07/01/81	17 ##	5.	3.765	8.	0.5	3.816	1.954	0.5	2.5	5.	5.6
01042	COPPER, TOTAL (UG/L AS CU)	07/12/71-07/01/81	17	42.	44.765	88.	3.	527.691	22.972	11.8	29.	67.	80.
01051	LEAD, TOTAL (UG/L AS PB)	07/19/71-07/01/81	14	9.	12.429	50.	2.	170.533	13.059	2.	2.5	17.75	37.5
01067	NICKEL, TOTAL (UG/L AS NI)	07/12/71-07/01/81	17	22.	26.441	64.	2.5	460.371	21.456	4.5	8.5	50.	62.4
01092	ZINC, TOTAL (UG/L AS ZN)	07/12/71-07/01/81	16	52.5	63.438	153.	12.	1689.463	41.103	17.6	31.5	74.	136.9
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	07/31/74-07/21/82	21	110.	720.714	11000.	5.	5638713.214	2374.597	6.	20.	280.	1180.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	07/31/74-07/21/82	21	2.041	1.981	4.041	0.699	0.702	0.838	0.759	1.239	2.443	3.06
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			95.651								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/02/75-07/21/82	15	23.	35.6	177.	0.	2139.971	46.26	0.	3.	40.	118.8
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	04/02/75-07/21/82	16	2.	3.625	15.	0.	17.583	4.193	0.	0.25	5.75	10.8
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	04/02/75-07/21/82	17	22.	30.706	184.	0.	1974.596	44.436	0.	3.	28.5	103.2
71900	MERCURY, TOTAL (UG/L AS HG)	07/13/71-07/01/81	14	0.1	0.207	0.8	0.05	0.048	0.218	0.05	0.05	0.25	0.65

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0362

NPS Station ID: GATE0362
LAT/LON: 40.607226/ -74.046670
Agency: 1111H030
Date Created: / /
Location: THE NARROWS (N8)
FIPS State/County: 36085 NEW YORK/RICHMOND
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): 403626007402480/N8
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030104
Depth of Water: 95
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-N.Y. METROPOLI
ECO Region:
RF1 Index: 02030104
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
STATION IS LOCATED IN THE NARROWS ONE-HALF THE DISTANCE FROM FORT LAFAYETTE TO THE FORT WADSWORTH DOCK.
DATA COLLECTED BY CITY OF NEW YORK DEPARTMENT OF PUBLIC WORKS.

Parameter Inventory for Station: GATE0362

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GATE0363

NPS Station ID: GATE0363 LAT/LON: 40.647087/ -74.046838 Agency: 11NYCOR Date Created: 09/08/79
Location: RED HOOK FLATS SOUTH SECT.AT BAY RIDGE CHANNEL FIPS State/County: 36047 NEW YORK/KINGS
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): NYCOR168
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02030201 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METRO AREA ECO Region:
RF1 Index: 02030201 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 02030202002909.75 RF3 Mile Point: 17.15 Distance from RF3: 0.46 On/Off RF3:
Description:
NEW YORK CORPS OF ENGINEERS DREDGING STUDIES

Parameter Inventory for Station: GATE0363

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/18/77-04/18/77	1	15.7	15.7	15.7	15.7	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/18/77-04/18/77	1	0.97	0.97	0.97	0.97	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/18/77-04/18/77	1	41.51	41.51	41.51	41.51	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/18/77-04/18/77	1	31.29	31.29	31.29	31.29	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/18/77-04/18/77	1	6.25	6.25	6.25	6.25	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/18/77-04/18/77	1	2.04	2.04	2.04	2.04	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	04/18/77-04/18/77	1	93.88	93.88	93.88	93.88	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/18/77-04/18/77	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	04/18/77-04/18/77	1	411.	411.	411.	411.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GATE0364

NPS Station ID: GATE0364 LAT/LON: 40.443615/ -74.046670 Agency: 21NJDEP1 Date Created: 04/04/81
Location: SANDY HOOK BAY FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): L7010737046 /916C /SF02043
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02030104 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST MAJOR BASIN Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA ECO Region:
RF1 Index: 02030104006 RF1 Mile Point: 4.680 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J. TIDE CORRECTION (H/L): (-0:01/ 0:00)
ASSOCIATED NOAA WEATHER STATION: 7865

Parameter Inventory for Station: GATE0364

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	57	18.3	16.072	25.	0.	54.027	7.35	4.66	10.	22.	23.3
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	157	19.	19.232	36.	0.	68.787	8.294	8.	12.	26.	29.2
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	176	4.	4.676	20.	0.	12.917	3.594	1.	2.	7.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	153	23.	385.765	24000.	1.5	4617691.573	2148.881	1.5	5.	93.	460.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	153	1.362	1.425	4.38	0.176	0.846	0.92	0.176	0.69	1.968	2.663
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			26.599								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	145	4.	105.362	11000.	1.5	837008.925	914.882	1.5	1.5	15.	93.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	145	0.602	0.841	4.041	0.176	0.506	0.712	0.176	0.176	1.176	1.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.939								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/15/90-05/18/92	18	3.3	17.456	240.	1.5	3111.876	55.784	1.5	1.5	4.975	44.7
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	05/15/90-05/18/92	18	0.517	0.574	2.38	0.176	0.321	0.567	0.176	0.176	0.657	1.464
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			3.748								
31678	FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATION	08/10/73-12/01/78	14	3.5	3.5	4.	3.	0.269	0.519	3.	3.	4.	4.
31678	LOG FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATI	08/10/73-12/01/78	14	0.54	0.54	0.602	0.477	0.004	0.065	0.477	0.477	0.602	0.602
31678	GM FECAL STREPTOCOCCI,MPN,AD-EVA,TUBE CONFIGURATIO	GEOMETRIC MEAN =			3.464								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	177	11055.	6697.04	11534.	1015.	24504180.527	4950.17	1209.	1330.	11224.	11347.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0364

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	153	11	0.07	38	1	0.03	45	6	0.13	70	4	0.06			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	145	8	0.06	31	1	0.03	44	3	0.07	70	4	0.06			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1973 - Station GATE0364

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	7	5.	6.	12.	3.	8.	2.828	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	7	93.	143.143	460.	7.	26483.143	162.736	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	7	1.968	1.803	2.663	0.845	0.484	0.696	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			63.52								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	7	1545.	5603.571	11230.	1015.	27456039.286	5239.851	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GATE0364

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	10	7.5	8.3	20.	0.	34.9	5.908	0.2	4.25	11.25	19.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	10	93.	352.5	2400.	4.	536558.944	732.502	5.9	23.	295.	2206.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	10	1.968	1.945	3.38	0.602	0.603	0.777	0.678	1.362	2.451	3.308
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			88.162								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	10	18.5	33.65	93.	1.5	1185.114	34.425	1.75	7.75	55.5	93.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	10	1.254	1.256	1.968	0.176	0.337	0.58	0.219	0.866	1.717	1.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			18.022								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	10	1372.5	5249.	11415.	1100.	26349360.	5133.163	1110.	1275.	11150.	11403.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GATE0364

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	10	26.	24.9	30.	10.	32.1	5.666	11.4	24.	28.25	29.9
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	9	3.	4.111	15.	1.	21.361	4.622	1.	1.	5.5	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	10	29.	270.05	2400.	1.5	561337.636	749.225	1.5	1.5	93.	2169.3
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	10	1.405	1.324	3.38	0.176	1.04	1.02	0.176	0.176	1.968	3.239
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			21.099								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	10	4.	20.8	93.	1.5	1449.4	38.071	1.5	1.5	26.25	93.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	10	0.602	0.705	1.968	0.176	0.484	0.696	0.176	0.176	0.944	1.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.069								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	10	11215.	9268.5	11515.	1215.	17961355.833	4238.084	1218.	8670.	11333.75	11498.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GATE0364

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	7	16.	19.	32.	6.	95.667	9.781	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	7	5.	4.143	10.	0.	10.81	3.288	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	7	93.	376.857	1100.	9.	249707.81	499.708	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	7	1.968	2.083	3.041	0.954	0.639	0.799	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			121.14								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	7	23.	74.429	240.	4.	8430.286	91.817	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	7	1.362	1.419	2.38	0.602	0.578	0.76	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			26.266								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	7	11145.	6980.714	11315.	1230.	27765003.571	5269.251	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station GATE0364

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	9	26.	26.556	36.	15.	45.778	6.766	15.	22.	32.	36.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	9	5.	4.889	10.	2.	6.611	2.571	2.	2.5	6.5	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	9	23.	83.167	460.	1.5	22068.125	148.553	1.5	3.5	96.5	460.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	9	1.362	1.338	2.663	0.176	0.658	0.811	0.176	0.54	1.905	2.663
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			21.794								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	9 ##	1.5	32.056	240.	1.5	6131.778	78.306	1.5	1.5	16.	240.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	9 ##	0.176	0.726	2.38	0.176	0.595	0.771	0.176	0.176	1.158	2.38
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.317								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	9	11145.	6838.889	11430.	1200.	27798611.111	5272.439	1200.	1257.5	11322.5	11430.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GATE0364

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	6	18.5	17.167	28.	0.	108.967	10.439	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	6	1.5	3.	10.	0.	16.	4.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	6	59.	281.833	1100.	6.	190515.767	436.481	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	6	1.754	1.806	3.041	0.778	0.855	0.925	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			63.972								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	6	6.	49.917	240.	1.5	8920.042	94.446	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	6	0.716	1.016	2.38	0.176	0.706	0.841	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.384								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	6	11245.	7994.167	11445.	1200.	26842464.167	5180.971	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station GATE0364

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	11	15.	16.364	30.	6.	70.255	8.382	6.2	9.	23.	29.8
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	11	3.	3.636	10.	0.	10.055	3.171	0.	1.	7.	9.4
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	11	4.	28.364	93.	1.5	1475.205	38.408	1.5	4.	75.	93.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	11	0.602	0.99	1.968	0.176	0.476	0.69	0.176	0.602	1.875	1.968
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			9.769								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	11 ##	1.5	4.818	23.	1.5	41.614	6.451	1.5	1.5	4.	20.2
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	11 ##	0.176	0.471	1.362	0.176	0.16	0.4	0.176	0.176	0.602	1.28
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.957								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	11	1400.	4001.364	11215.	1134.	21336711.055	4619.168	1136.2	1239.	11145.	11215.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station GATE0364

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	10	17.	17.7	35.	9.	59.344	7.704	9.2	11.75	20.5	34.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	10	5.	4.9	8.	1.	4.989	2.234	1.2	3.	6.5	8.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	9	23.	130.056	750.	1.5	59499.653	243.926	1.5	15.	157.5	750.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	9	1.362	1.528	2.875	0.176	0.611	0.782	0.176	1.176	2.128	2.875
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			33.735								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	8 ##	11.	9.25	15.	1.5	40.714	6.381	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	8 ##	1.011	0.813	1.176	0.176	0.198	0.445	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.501								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station GATE0364

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	10	6321.5	6293.5	11410.	1224.	27459937.611	5240.223	1226.5	1293.25	11239.25	11393.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station GATE0364

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	11	16.	17.727	29.	7.	47.018	6.857	7.8	12.	23.	28.4
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	11	5.	5.273	10.	1.	11.018	3.319	1.2	2.	8.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	11	36.	1089.045	11000.	1.5	10829586.973	3290.834	1.5	1.5	390.	8886.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	11	1.556	1.562	4.041	0.176	1.422	1.192	0.176	0.176	2.591	3.76
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			36.474								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	11 ##	15.	38.909	200.	1.5	3818.391	61.793	1.5	1.5	72.	178.6
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	11 ##	1.176	1.013	2.301	0.176	0.643	0.802	0.176	0.176	1.857	2.235
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.313								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	11	1502.	5836.909	11459.	1147.	27141703.491	5209.77	1159.4	1209.	11324.	11438.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GATE0364

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	15	17.	16.933	30.	4.	69.924	8.362	5.2	8.	23.	29.4
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	15	5.	5.867	12.	1.	13.695	3.701	1.6	3.	10.	11.4
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	15	39.	301.533	2400.	1.5	432796.945	657.873	1.5	7.	93.	1680.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	15	1.591	1.615	3.38	0.176	0.933	0.966	0.176	0.845	1.968	3.2
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			41.238								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	15	9.	88.833	750.	1.5	45183.881	212.565	1.5	4.	23.	558.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	15	0.954	1.095	2.875	0.176	0.663	0.814	0.176	0.602	1.362	2.73
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.456								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	15	11047.	7260.733	11318.	1225.	24342513.638	4933.813	1276.6	1512.	11158.	11280.2

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Annual Analysis for 1985 - Station GATE0364

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	10	18.5	19.6	31.	9.	59.378	7.706	9.1	13.	26.5	30.7
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	10	4.5	4.6	9.	1.	8.489	2.914	1.1	2.	8.	8.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	10	23.	2447.8	24000.	1.5	57350456.567	7573.008	1.5	3.375	127.25	21623.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	10	1.362	1.531	4.38	0.176	1.568	1.252	0.176	0.496	2.067	4.178
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			33.969								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	10	5.5	1107.25	11000.	1.5	12082345.903	3475.967	1.5	1.5	21.5	9902.3
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	10	0.724	1.026	4.041	0.176	1.317	1.148	0.176	0.176	1.332	3.773
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.61								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	10	11109.	7214.9	11255.	1113.	26158768.1	5114.564	1125.2	1304.	11223.	11253.3

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Annual Analysis for 1986 - Station GATE0364

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	10	13.5	17.3	32.	4.	121.122	11.006	4.2	7.5	29.	31.7
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	10	3.	4.8	12.	1.	19.067	4.367	1.	1.75	10.25	11.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	8	9.	154.125	1100.	1.5	147002.911	383.41	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	8	0.954	1.131	3.041	0.176	0.931	0.965	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			13.523								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	8 ##	2.75	32.875	240.	1.5	7010.839	83.731	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	8 ##	0.389	0.655	2.38	0.176	0.57	0.755	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.522								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	10	6168.5	6195.4	11534.	1101.	28209448.267	5311.257	1103.1	1146.75	11161.25	11504.3

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Annual Analysis for 1987 - Station GATE0364

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	7	15.	17.286	33.	9.	69.571	8.341	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	10	2.	3.6	9.	1.	10.933	3.307	1.	1.	8.	8.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	8	43.	124.188	430.	1.5	24449.996	156.365	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	8	1.633	1.575	2.633	0.176	0.749	0.865	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			37.576								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	8	7.	9.375	23.	1.5	78.196	8.843	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	8	0.845	0.775	1.362	0.176	0.22	0.469	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.952								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	10	11119.5	8253.	11358.	1232.	22199964.444	4711.684	1260.5	1529.	11189.75	11352.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GATE0364

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	8	21.	19.	31.	2.	114.857	10.717	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	8	4.	4.75	12.	1.	11.357	3.37	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	8	7.	35.938	230.	1.5	6192.888	78.695	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	8	0.845	0.979	2.362	0.176	0.432	0.658	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			9.537								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	8	5.5	8.563	23.	1.5	84.603	9.198	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	8	0.724	0.693	1.362	0.176	0.25	0.5	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.932								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	8	6218.5	6293.625	11416.	1300.	27737210.554	5266.613	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0364

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	7	18.	17.571	29.	1.	97.952	9.897	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	7	2.	3.143	8.	1.	7.143	2.673	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	7	43.	203.857	1100.	15.	158377.476	397.967	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	7	1.633	1.798	3.041	1.176	0.421	0.649	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			62.807								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	7	4.	26.5	150.	1.5	2984.083	54.627	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	7	0.602	0.876	2.176	0.176	0.428	0.654	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.521								

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Annual Analysis for 1989 - Station GATE0364

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	7	1439.	5615.857	11340.	1306.	27927565.81	5284.654	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0364

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	8	19.5	20.5	31.	10.	70.857	8.418	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	8	3.5	3.625	8.	1.	5.696	2.387	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	2 ##	4.25	4.25	7.	1.5	15.125	3.889	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	2 ##	0.511	0.511	0.845	0.176	0.224	0.473	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			3.24								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	2 ##	2.75	2.75	4.	1.5	3.125	1.768	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	2 ##	0.389	0.389	0.602	0.176	0.091	0.301	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.449								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	8	6227.	6223.375	11326.	1217.	27959503.125	5287.675	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0364

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	8	17.5	18.625	30.	11.	50.268	7.09	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	8	6.5	6.125	12.	1.	17.839	4.224	**	**	**	**
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	8	11126.5	7550.75	11445.	1212.	26101019.357	5108.916	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0364

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	7	22.	19.	28.	7.	77.333	8.794	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	7	4.	4.429	12.	1.	13.619	3.69	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	3 ##	1.5	4.	9.	1.5	18.75	4.33	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	3 ##	0.176	0.435	0.954	0.176	0.202	0.449	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			2.726								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	3 ##	1.5	2.333	4.	1.5	2.083	1.443	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	3 ##	0.176	0.318	0.602	0.176	0.06	0.246	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.08								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	7	11023.	6877.143	11245.	1024.	27845145.476	5276.85	**	**	**	**

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Annual Analysis for 1993 - Station GATE0364

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	5	25.	25.4	27.	24.	1.3	1.14	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	5	4.	3.6	5.	1.	2.3	1.517	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	5 ##	1.5	7.3	23.	1.5	87.575	9.358	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	5 ##	0.176	0.569	1.362	0.176	0.31	0.557	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			3.706								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station GATE0364

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	5 ##	1.5	6.3	23.	1.5	88.325	9.398	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	5 ##	0.176	0.498	1.362	0.176	0.267	0.517	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.151								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	5	11305.	9431.2	11529.	1550.	19425372.7	4407.422	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station GATE0364

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	6	18.5	18.5	24.	13.	19.5	4.416	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	6	1.	1.5	4.	0.	1.9	1.378	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	6	8.	42.417	210.	1.5	6777.242	82.324	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	6	0.9	1.074	2.322	0.176	0.507	0.712	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			11.857								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	6 ##	2.25	4.417	15.	1.5	27.942	5.286	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	6 ##	0.327	0.464	1.176	0.176	0.155	0.394	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.91								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	6	6328.	6382.333	11453.	1427.	29075543.467	5392.174	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station GATE0364

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	2	20.25	20.25	26.5	14.	78.125	8.839	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	2	4.5	4.5	8.	1.	24.5	4.95	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	1 ##	0.176	0.176	0.176	0.176	0.	0.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1.5								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	1 ##	0.176	0.176	0.176	0.176	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.5								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	2	6226.5	6226.5	11123.	1330.	47951424.5	6924.697	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0364

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	13	23.3	22.585	25.	16.	5.721	2.392	17.6	21.85	23.95	25.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	36	23.	22.194	36.	7.	44.447	6.667	13.1	17.25	26.75	30.3
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	45	4.	4.822	12.	0.	9.559	3.092	1.	2.5	6.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	38	9.	82.724	1100.	1.5	38619.591	196.519	1.5	4.	55.5	240.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	38	0.954	1.177	3.041	0.176	0.637	0.798	0.176	0.602	1.717	2.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			15.017								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	31	4.	19.065	240.	1.5	2392.029	48.908	1.5	1.5	15.	23.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	31	0.602	0.721	2.38	0.176	0.36	0.6	0.176	0.176	1.176	1.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.258								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	45	11009.	6389.911	11410.	1015.	24672233.446	4967.115	1209.	1421.5	11183.5	11287.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0364

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	14	5.3	5.029	10.	0.	9.487	3.08	0.3	2.075	8.	9.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	47	10.	10.085	17.	0.	17.384	4.169	4.	8.	13.	16.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	52	4.	4.769	20.	0.	18.612	4.314	1.	1.	8.	10.7
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	45	36.	762.	24000.	1.5	12765073.443	3572.824	4.	12.	220.	1100.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	45	1.556	1.723	4.38	0.176	0.841	0.917	0.602	1.065	2.342	3.041
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			52.805								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	44	9.	278.545	11000.	1.5	2738496.533	1654.84	1.5	4.	23.	121.5
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	44	0.954	1.045	4.041	0.176	0.595	0.771	0.176	0.602	1.362	2.072
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.091								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	52	1515.	5919.096	11515.	1024.	25046693.54	5004.667	1209.9	1313.5	11217.75	11415.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0364

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/73-06/16/95	30	20.	18.403	23.	10.	14.197	3.768	12.	16.	21.025	22.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/28/77-06/16/95	74	26.	23.601	35.	10.	37.185	6.098	14.5	18.75	28.	30.
00035	WIND VELOCITY (MILES PER HOUR)	08/10/73-06/16/95	79	4.	4.532	15.	0.	11.38	3.373	1.	2.	7.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/10/73-06/16/95	70	23.	308.407	11000.	1.5	1862586.922	1364.766	1.5	3.375	93.	430.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/10/73-06/16/95	70	1.362	1.368	4.041	0.176	0.891	0.944	0.176	0.496	1.968	2.633
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			23.345								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	70	4.	34.721	750.	1.5	11627.997	107.833	1.5	1.5	14.	90.9
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/04/75-06/16/95	70	0.602	0.767	2.875	0.176	0.491	0.7	0.176	0.176	1.146	1.957
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.844								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	08/10/73-06/16/95	80	11120.5	7375.463	11534.	1100.	23762538.885	4874.683	1201.5	1323.25	11238.	11345.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0365

NPS Station ID: GATE0365 | LAT/LON: 40.607226/ -74.046670 | Agency: 21350000 | Date Created: / /
Location: THE NARROWS | FIPS State/County: 36000 NEW YORK/
Station Type: /TYPA/AMBNT/OCEAN | STORET Station ID(s): 403626007402480/N8
RMI-Indexes: 0133000 | Within Park Boundary: No
RMI-Miles: 0000.00
HUC: 02030104 | Depth of Water: 95 | Aquifer:
Major Basin: NORTHEAST | Elevation: 0 | Water Body Id:
Minor Basin: LOWER HUDSON-N.Y. METROPOLITAN AREA | ECO Region:
RF1 Index: 02030104 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 02030202104200.00 | RF3 Mile Point: 0.00 | Distance from RF3: 4.93 | On/Off RF3:
Description:
STATION IS LOCATED IN THE NARROWS ONE-HALF THE DISTANCE FROM FORT LAFAYETTE TO THE FORT WADSWORTH DOCK.
DATA COLLECTED BY CITY OF NEW YORK DEPARTMENT OF PUBLIC WORKS.

Parameter Inventory for Station: GATE0365

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/08/73-01/08/74	4	7.7	7.7	11.1	4.3	14.533	3.812	**	**	**	**
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/23/18-09/20/66	1346	71.	70.635	82.	46.	17.149	4.141	65.	69.	73.	75.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/08/73-01/08/74	4	6.25	6.25	11.	1.5	30.083	5.485	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/08/73-01/08/74	4	7.75	7.625	8.	7.	0.229	0.479	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/08/73-01/08/74	4	24900.	24865.	29600.	20060.	20776900.	4558.168	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/08/73-01/08/74	4	36220.	36143.	40103.	32029.	11932898.667	3454.403	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	04/23/18-01/08/74	1349	4.1	4.205	9.	0.3	1.577	1.256	2.7	3.3	5.	5.9
00310p	BOD, 5 DAY, 20 DEG C MG/L	06/27/46-01/08/74	574	1.7	1.888	7.7	0.	1.001	1.	0.9	1.2	2.3	3.1
00403	PH, LAB, STANDARD UNITS SU	11/08/73-01/08/74	4	7.35	7.3	8.	6.5	0.58	0.762	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	11/08/73-01/08/74	4	7.068	6.905	8.	6.5	0.788	0.887	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/08/73-01/08/74	4	0.086	0.124	0.316	0.01	0.021	0.146	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/08/73-01/08/74	4	12950.	13025.	14400.	11800.	1615833.333	1271.154	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/08/73-01/08/74	4	43000.	42375.	44000.	39500.	4562500.	2136.001	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/08/73-01/08/74	4	4.633	4.627	4.643	4.597	0.	0.022	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			42333.866								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/11/53-09/20/66	539	46000.	56080.612	920000.	0.	7324126821.372	85581.113	4300.	15000.	110000.	110000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/11/53-09/20/66	539	4.663	4.416	5.964	0.	0.445	0.667	3.633	4.176	5.041	5.041
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			26058.105								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/08/73-01/08/74	4	4050.	4762.5	9200.	1750.	10528958.333	3244.836	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/08/73-01/08/74	4	3.595	3.599	3.964	3.243	0.094	0.306	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3974.563								
70305	SALINITY BASED ON CONDUCTIVITY	11/08/73-01/08/74	4	22.7	22.65	25.5	19.7	6.15	2.48	**	**	**	**
70307p	SEA WATER, PERCENT	04/23/18-09/20/66	1347	80.	78.496	100.	42.	56.458	7.514	69.	74.	84.	87.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

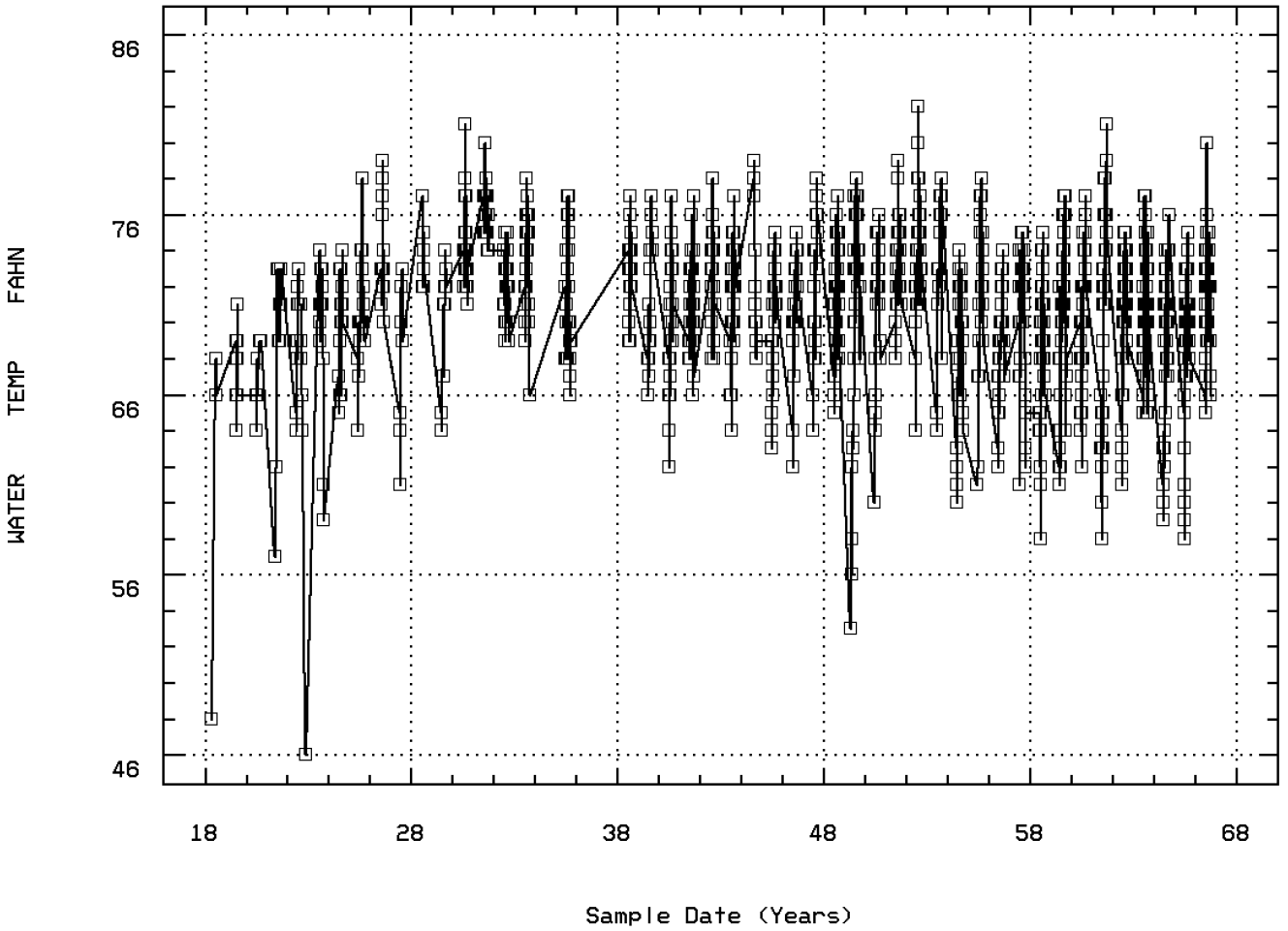
EPA Water Quality Criteria Analysis for Station: GATE0365

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	4	0	0.00				4	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1349	642	0.48	690	397	0.58	6	0	0.00	653	245	0.38			
00403	PH, LAB	Other-Hi Lim.	9.	4	0	0.00				4	0	0.00						
		Other-Lo Lim.	6.5	4	1	0.25				4	1	0.25						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	4	4	1.00				4	4	1.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	539	516	0.96	256	245	0.96				283	271	0.96			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	4	4	1.00				4	4	1.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station: GATE0365 Parameter Code: 00011

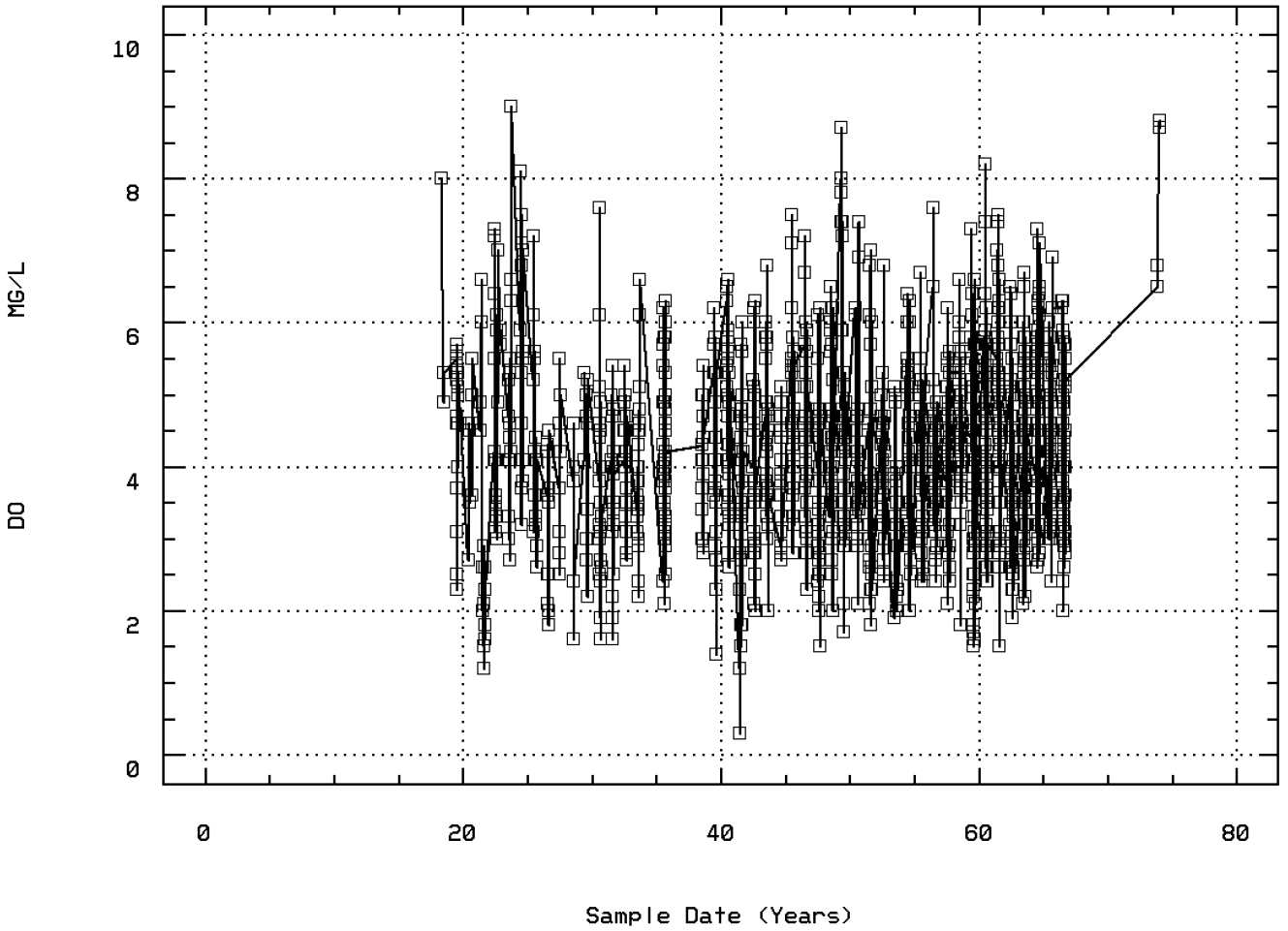
TEMPERATURE, WATER (DEGREES FAHRENHEIT)



THE NARROWS

Station: GATE0365 Parameter Code: 00300

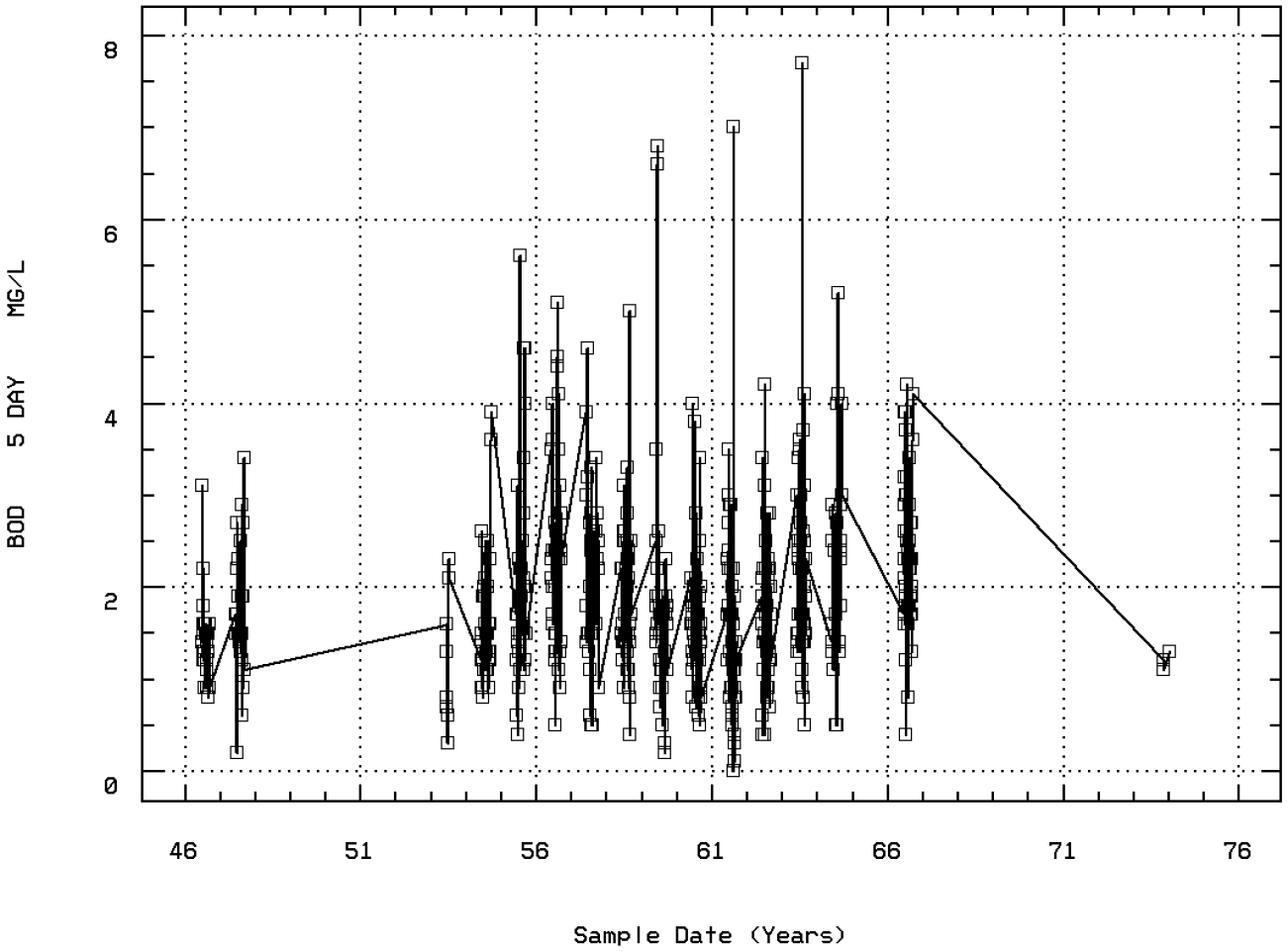
OXYGEN, DISSOLVED



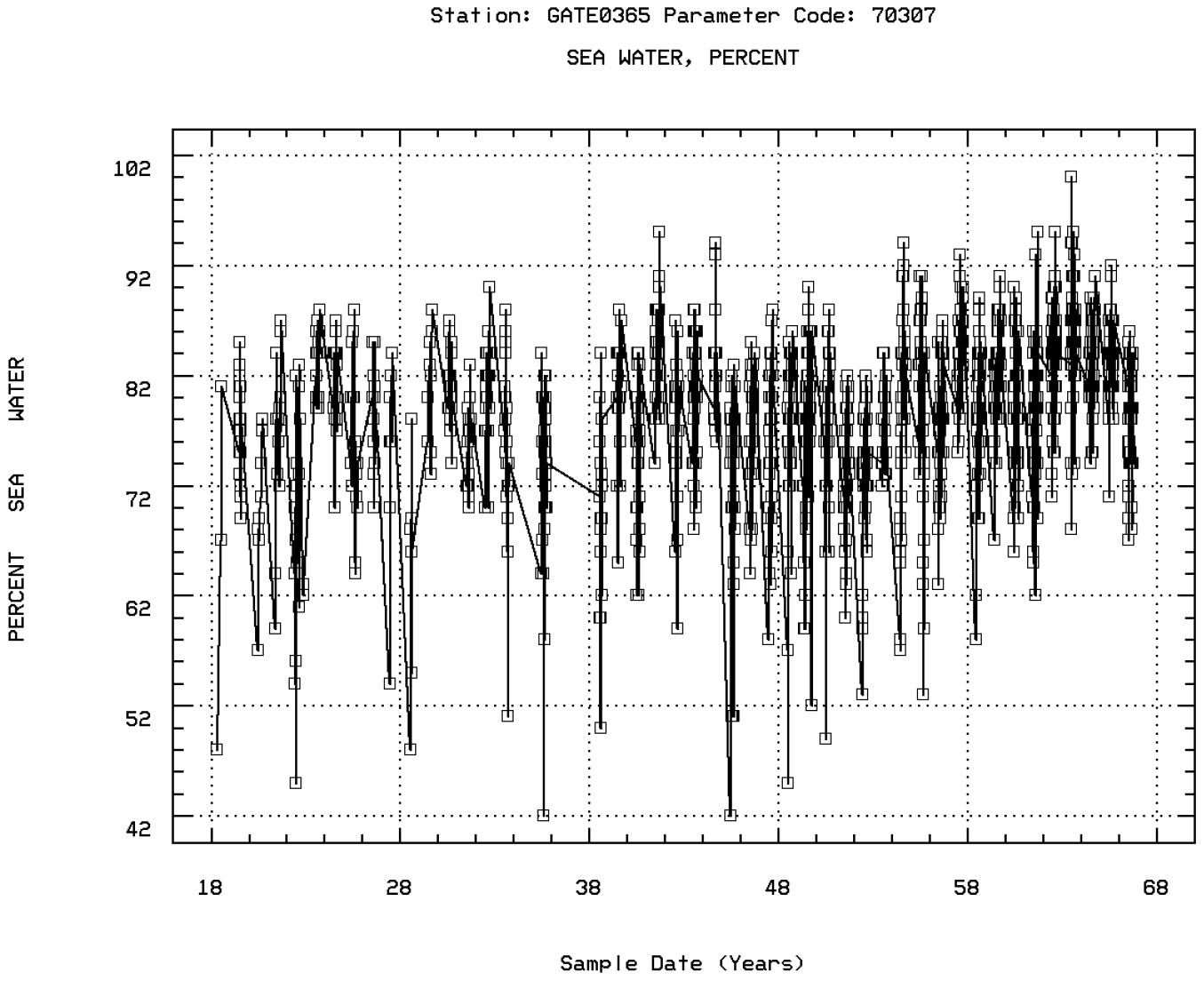
THE NARROWS

Station: GATE0365 Parameter Code: 00310

BOD, 5 DAY, 20 DEG C



THE NARROWS


Station: GATE0365 Parameter Code: 70307
SEA WATER, PERCENT
PERCENT SEA WATER
102
92
82
72
62
52
42
18
28
38
48
58
68
Sample Date (Years)

THE NARROWS

Annual Analysis for 1918 - Station GATE0365

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/23/18-09/20/66	3	66.	60.667	68.	48.	121.333	11.015	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	04/23/18-01/08/74	3	5.3	6.067	8.	4.9	2.843	1.686	**	**	**	**
70307p	SEA WATER, PERCENT	04/23/18-09/20/66	3	67.	65.333	81.	48.	274.333	16.563	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1919 - Station GATE0365

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/23/18-09/20/66	24	69.	67.958	71.	64.	2.998	1.732	65.	66.5	69.	69.
00300p	OXYGEN, DISSOLVED MG/L	04/23/18-01/08/74	24	5.05	4.621	5.7	2.3	0.973	0.986	2.8	3.775	5.3	5.6
70307p	SEA WATER, PERCENT	04/23/18-09/20/66	24	76.5	76.875	85.	69.	16.201	4.025	71.5	75.	80.75	82.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1920 - Station GATE0365

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/23/18-09/20/66	8	68.5	67.5	69.	64.	3.714	1.927	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	04/23/18-01/08/74	8	4.55	4.25	5.5	2.7	0.831	0.912	**	**	**	**
70307p	SEA WATER, PERCENT	04/23/18-09/20/66	8	70.	70.125	78.	57.	44.696	6.686	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1921 - Station GATE0365

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/23/18-09/20/66	14	71.	68.143	73.	57.	35.978	5.998	57.	62.	73.	73.
00300p	OXYGEN, DISSOLVED MG/L	04/23/18-01/08/74	14	2.45	3.043	6.6	1.2	3.024	1.739	1.35	1.75	4.6	6.3
70307p	SEA WATER, PERCENT	04/23/18-09/20/66	14	77.5	76.143	87.	59.	60.44	7.774	61.5	72.75	81.	86.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1922 - Station GATE0365

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/23/18-09/20/66	20	69.	66.45	73.	46.	56.787	7.536	47.8	64.25	71.	71.9
00300p	OXYGEN, DISSOLVED MG/L	04/23/18-01/08/74	20	4.55	4.875	7.3	3.	2.199	1.483	3.12	3.425	6.05	7.18
70307p	SEA WATER, PERCENT	04/23/18-09/20/66	20	69.	68.3	83.	45.	98.853	9.942	54.2	62.25	77.	81.9

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1923 - Station GATE0365

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/23/18-09/20/66	16	70.5	69.438	74.	59.	16.796	4.098	60.4	68.25	72.	73.3
00300p	OXYGEN, DISSOLVED MG/L	04/23/18-01/08/74	16	4.5	4.819	9.	2.7	2.398	1.548	2.91	4.1	5.45	7.32
70307p	SEA WATER, PERCENT	04/23/18-09/20/66	16	84.	83.313	88.	79.	8.629	2.938	79.	80.	85.75	87.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1924 - Station GATE0365

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/23/18-09/20/66	16	70.5	70.063	74.	65.	7.796	2.792	65.7	67.5	72.75	73.3
00300p	OXYGEN, DISSOLVED MG/L	04/23/18-01/08/74	16	5.6	5.662	8.1	3.2	2.196	1.482	3.55	4.225	6.95	7.68
70307p	SEA WATER, PERCENT	04/23/18-09/20/66	16	81.5	81.063	87.	70.	18.329	4.281	74.9	78.25	84.	86.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1925 - Station GATE0365

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/23/18-09/20/66	16	70.	70.5	78.	64.	10.533	3.246	66.1	69.	72.75	75.2
00300p	OXYGEN, DISSOLVED MG/L	04/23/18-01/08/74	16	4.1	4.325	7.2	2.6	1.647	1.283	2.81	3.225	5.425	6.43
70307p	SEA WATER, PERCENT	04/23/18-09/20/66	16	74.	75.75	88.	64.	49.	7.	64.7	71.25	80.	86.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1926 - Station GATE0365

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/23/18-09/20/66	12	73.	74.	79.	70.	8.182	2.86	70.3	72.	76.75	78.7
00300p	OXYGEN, DISSOLVED MG/L	04/23/18-01/08/74	12	3.	2.975	4.5	1.	1.293	1.137	1.24	2.025	4.075	4.44
70307p	SEA WATER, PERCENT	04/23/18-09/20/66	12	80.	78.833	85.	70.	22.515	4.745	70.9	74.5	82.	85.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1927 - Station GATE0365

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/23/18-09/20/66	8	67.	66.875	73.	61.	22.696	4.764	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	04/23/18-01/08/74	8	3.95	3.925	5.5	2.5	1.171	1.082	**	**	**	**
70307p	SEA WATER, PERCENT	04/23/18-09/20/66	8	76.	74.75	84.	54.	89.071	9.438	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1928 - Station GATE0365

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/23/18-09/20/66	6	73.5	73.833	77.	72.	3.767	1.941	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	04/23/18-01/08/74	6	3.8	3.367	4.6	1.6	1.271	1.127	**	**	**	**
70307p	SEA WATER, PERCENT	04/23/18-09/20/66	6	67.	64.	78.	48.	115.6	10.752	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1929 - Station GATE0365

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/23/18-09/20/66	10	71.	70.	74.	64.	11.778	3.432	64.1	66.5	72.25	73.9
00300p	OXYGEN, DISSOLVED MG/L	04/23/18-01/08/74	10	4.35	4.02	5.3	2.2	1.253	1.119	2.25	2.925	5.05	5.29
70307p	SEA WATER, PERCENT	04/23/18-09/20/66	10	81.	80.3	88.	73.	28.011	5.293	73.2	75.	85.25	87.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1930 - Station GATE0365

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/23/18-09/20/66	20	73.5	74.	81.	71.	6.632	2.575	71.1	72.	75.	77.9
00300p	OXYGEN, DISSOLVED MG/L	04/23/18-01/08/74	20	3.4	3.74	7.6	1.6	2.14	1.463	1.95	2.625	4.575	6.
70307p	SEA WATER, PERCENT	04/23/18-09/20/66	20	81.	80.9	87.	74.	9.358	3.059	77.1	79.	82.	85.9

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1931 - Station GATE0365

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/23/18-09/20/66	18	76.	76.	80.	74.	2.235	1.495	74.	75.	77.	78.2
00300p	OXYGEN, DISSOLVED MG/L	04/23/18-01/08/74	18	3.45	3.494	5.4	1.6	1.244	1.115	1.87	2.425	4.325	5.04
70307p	SEA WATER, PERCENT	04/23/18-09/20/66	18	76.	75.722	83.	70.	13.036	3.611	70.9	72.	78.25	80.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1932 - Station GATE0365

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/23/18-09/20/66	20	71.5	71.7	75.	69.	3.589	1.895	69.1	70.	73.	74.9
00300p	OXYGEN, DISSOLVED MG/L	04/23/18-01/08/74	20	4.05	3.975	5.4	2.7	0.634	0.796	2.71	3.35	4.65	4.99
70307p	SEA WATER, PERCENT	04/23/18-09/20/66	20	81.5	80.4	90.	70.	22.674	4.762	70.7	77.5	83.5	85.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1933 - Station GATE0365

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/23/18-09/20/66	26	73.5	72.962	78.	66.	9.958	3.156	68.1	71.	75.25	76.3
00300p	OXYGEN, DISSOLVED MG/L	04/23/18-01/08/74	26	3.55	3.858	6.6	2.2	1.031	1.015	2.75	3.25	4.5	5.4
70307p	SEA WATER, PERCENT	04/23/18-09/20/66	26	77.5	77.154	88.	51.	60.375	7.77	68.1	73.5	84.	85.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1935 - Station GATE0365

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/23/18-09/20/66	50	69.	70.18	77.	66.	9.049	3.008	67.	68.	72.	75.9
00300p	OXYGEN, DISSOLVED MG/L	04/23/18-01/08/74	50	3.9	4.038	6.3	2.1	1.251	1.118	2.91	3.1	4.825	5.8
70307p	SEA WATER, PERCENT	04/23/18-09/20/66	50	74.	73.42	84.	42.	44.167	6.646	67.1	72.	76.25	80.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1938 - Station GATE0365

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/23/18-09/20/66	18	73.	72.889	77.	69.	4.693	2.166	69.	71.75	74.	76.1
00300p	OXYGEN, DISSOLVED MG/L	04/23/18-01/08/74	18	4.1	3.967	5.4	2.8	0.667	0.817	2.89	3.	4.475	5.04
70307p	SEA WATER, PERCENT	04/23/18-09/20/66	18	70.	69.556	84.	50.	65.673	8.104	59.	65.	74.5	80.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1939 - Station GATE0365

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/23/18-09/20/66	20	72.	71.95	77.	66.	15.208	3.9	67.1	68.	76.	77.
00300p	OXYGEN, DISSOLVED MG/L	04/23/18-01/08/74	20	3.95	4.055	6.2	1.4	1.722	1.312	2.34	2.95	5.3	5.79
70307p	SEA WATER, PERCENT	04/23/18-09/20/66	20	80.5	80.25	88.	65.	30.724	5.543	72.	79.	84.	86.7

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1940 - Station GATE0365

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/23/18-09/20/66	30	70.5	70.133	77.	62.	14.809	3.848	64.2	67.75	73.25	74.
00300p	OXYGEN, DISSOLVED MG/L	04/23/18-01/08/74	30	4.3	4.547	6.6	2.6	1.201	1.096	3.21	3.6	5.425	6.26
70307p	SEA WATER, PERCENT	04/23/18-09/20/66	30	76.5	75.6	84.	62.	38.041	6.168	66.1	70.75	80.	83.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1941 - Station GATE0365

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/23/18-09/20/66	34	71.	71.235	77.	66.	6.307	2.511	68.	69.75	73.	74.
00300p	OXYGEN, DISSOLVED MG/L	04/23/18-01/08/74	34	3.45	3.553	6.	0.3	1.707	1.307	1.65	2.8	4.625	5.3
70307p	SEA WATER, PERCENT	04/23/18-09/20/66	34	84.	84.235	95.	74.	19.943	4.466	78.	80.75	88.	89.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1942 - Station GATE0365

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/23/18-09/20/66	24	73.	72.792	78.	68.	6.346	2.519	68.5	71.	74.	76.
00300p	OXYGEN, DISSOLVED MG/L	04/23/18-01/08/74	24	3.75	4.05	6.3	2.	1.734	1.317	2.3	2.925	5.075	6.1
70307p	SEA WATER, PERCENT	04/23/18-09/20/66	24	78.	76.917	87.	59.	40.949	6.399	66.5	74.25	81.	84.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1943 - Station GATE0365

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/23/18-09/20/66	32	72.	71.406	77.	64.	7.797	2.792	66.6	70.	73.	74.7
00300p	OXYGEN, DISSOLVED MG/L	04/23/18-01/08/74	32	4.35	4.378	6.8	2.	1.084	1.041	3.2	3.625	4.9	5.8
70307p	SEA WATER, PERCENT	04/23/18-09/20/66	32	81.5	80.594	88.	68.	31.604	5.622	71.3	75.75	86.	86.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1944 - Station GATE0365

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/23/18-09/20/66	17	70.	71.706	79.	68.	11.221	3.35	68.	70.	73.	78.2
00300p	OXYGEN, DISSOLVED MG/L	04/23/18-01/08/74	18	3.45	3.639	5.1	2.7	0.653	0.808	2.79	2.9	4.425	4.92
70307p	SEA WATER, PERCENT	04/23/18-09/20/66	18	82.	82.722	94.	76.	24.918	4.992	76.9	78.75	84.	93.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1945 - Station GATE0365

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/23/18-09/20/66	28	71.	70.5	75.	63.	10.704	3.272	64.9	68.25	72.75	75.
00300p	OXYGEN, DISSOLVED MG/L	04/23/18-01/08/74	28	4.75	4.793	7.5	2.8	1.484	1.218	3.16	3.775	5.5	6.29
70307p	SEA WATER, PERCENT	04/23/18-09/20/66	28	74.5	71.036	83.	42.	111.073	10.539	51.	68.5	78.	81.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1946 - Station GATE0365

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/23/18-09/20/66	28	71.5	71.143	75.	62.	8.423	2.902	66.7	70.	73.	74.
00300p	OXYGEN, DISSOLVED MG/L	04/23/18-01/08/74	28	4.3	4.404	7.2	2.3	1.554	1.247	2.8	3.35	5.25	6.07
00310	BOD, 5 DAY, 20 DEG C MG/L	06/27/46-01/08/74	26	1.35	1.415	3.1	0.8	0.213	0.462	0.9	1.175	1.6	1.92
70307p	SEA WATER, PERCENT	04/23/18-09/20/66	28	77.	76.643	85.	64.	32.905	5.736	67.9	73.	81.75	83.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1947 - Station GATE0365

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/23/18-09/20/66	32	73.5	72.	78.	64.	16.516	4.064	64.6	70.	75.75	76.7
00300p	OXYGEN, DISSOLVED MG/L	04/23/18-01/08/74	32	3.65	3.703	6.2	1.5	1.342	1.158	2.26	2.825	4.6	5.29
00310	BOD, 5 DAY, 20 DEG C MG/L	06/27/46-01/08/74	29	1.6	1.697	3.4	0.2	0.481	0.694	0.9	1.35	2.05	2.7
70307p	SEA WATER, PERCENT	04/23/18-09/20/66	32	76.5	75.125	88.	58.	62.5	7.906	63.3	69.25	81.5	84.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1948 - Station GATE0365

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/23/18-09/20/66	38	71.	70.816	77.	65.	9.073	3.012	66.9	69.	73.	75.
00300p	OXYGEN, DISSOLVED MG/L	04/23/18-01/08/74	38	4.1	4.226	6.5	2.	1.164	1.079	2.97	3.5	4.725	5.91
70307p	SEA WATER, PERCENT	04/23/18-09/20/66	38	78.5	77.105	86.	45.	66.205	8.137	65.8	74.75	82.25	84.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1949 - Station GATE0365

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/23/18-09/20/66	44	72.	69.886	78.	53.	41.731	6.46	58.	68.	74.	77.
00300p	OXYGEN, DISSOLVED MG/L	04/23/18-01/08/74	44	4.4	4.561	8.7	1.7	2.521	1.588	2.9	3.3	5.25	7.4
70307p	SEA WATER, PERCENT	04/23/18-09/20/66	44	79.	77.068	90.	52.	68.809	8.295	63.5	72.	82.	86.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1950 - Station GATE0365

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/23/18-09/20/66	34	72.	71.029	76.	60.	15.969	3.996	64.5	70.5	73.	75.
00300p	OXYGEN, DISSOLVED MG/L	04/23/18-01/08/74	34	3.65	3.985	7.4	2.1	1.338	1.157	2.95	3.3	4.275	6.15

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1950 - Station GATE0365

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70307p	SEA WATER, PERCENT	04/23/18-09/20/66	34	79.5	78.059	88.	49.	58.057	7.62	68.	75.	83.25	86.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1951 - Station GATE0365

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/23/18-09/20/66	36	72.5	72.972	79.	68.	6.142	2.478	69.7	71.	75.	76.
00300p	OXYGEN, DISSOLVED MG/L	04/23/18-01/08/74	36	3.5	3.683	7.	1.8	1.741	1.319	2.3	2.625	4.35	6.03
70307p	SEA WATER, PERCENT	04/23/18-09/20/66	36	74.	73.028	82.	60.	31.628	5.624	64.	70.	77.75	80.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1952 - Station GATE0365

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/23/18-09/20/66	38	73.5	73.658	82.	64.	14.61	3.822	69.8	71.75	76.	78.2
00300p	OXYGEN, DISSOLVED MG/L	04/23/18-01/08/74	36	3.85	3.886	6.8	2.4	0.865	0.93	2.47	3.2	4.575	4.79
70307p	SEA WATER, PERCENT	04/23/18-09/20/66	38	74.	73.263	82.	53.	41.118	6.412	61.8	72.	78.	80.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1953 - Station GATE0365

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/23/18-09/20/66	20	72.5	71.8	78.	64.	20.168	4.491	64.1	68.75	75.75	77.
00300p	OXYGEN, DISSOLVED MG/L	04/23/18-01/08/74	20	3.25	3.365	5.1	1.9	0.935	0.967	2.02	2.525	3.975	4.99
00310	BOD, 5 DAY, 20 DEG C MG/L	06/27/46-01/08/74	8	1.05	1.213	2.3	0.3	0.538	0.734	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/11/53-09/20/66	5	400.	420.	900.	0.	102000.	319.374	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/11/53-09/20/66	5	2.602	2.152	2.954	0.	1.471	1.213	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			141.933								
70307p	SEA WATER, PERCENT	04/23/18-09/20/66	20	77.5	77.3	84.	72.	13.589	3.686	73.	74.	80.	83.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1954 - Station GATE0365

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/23/18-09/20/66	38	68.5	68.421	74.	60.	16.088	4.011	62.	66.	72.	73.1
00300p	OXYGEN, DISSOLVED MG/L	04/23/18-01/08/74	38	4.	4.134	6.4	2.	1.4	1.183	2.88	3.1	5.3	6.
00310	BOD, 5 DAY, 20 DEG C MG/L	06/27/46-01/08/74	38	1.45	1.616	3.9	0.8	0.487	0.698	0.9	1.1	1.925	2.51
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/11/53-09/20/66	38	18000.	33990.789	110000.	150.	1597840656.117	39972.999	195.	3800.	46000.	110000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/11/53-09/20/66	38	4.23	3.988	5.041	2.176	0.849	0.921	2.289	3.566	4.663	5.041
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			9717.124								
70307p	SEA WATER, PERCENT	04/23/18-09/20/66	38	82.	79.368	94.	57.	80.401	8.967	65.9	74.75	84.25	91.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1955 - Station GATE0365

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/23/18-09/20/66	38	71.5	71.158	78.	61.	22.623	4.756	62.	68.5	75.	77.
00300p	OXYGEN, DISSOLVED MG/L	04/23/18-01/08/74	38	4.15	4.074	6.7	2.4	0.919	0.959	2.59	3.3	4.7	5.2
00310	BOD, 5 DAY, 20 DEG C MG/L	06/27/46-01/08/74	37	1.7	2.	5.6	0.4	1.338	1.157	0.98	1.25	2.25	4.12
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/11/53-09/20/66	38	24000.	43569.737	110000.	150.	1778861018.848	42176.546	4100.	9300.	110000.	110000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/11/53-09/20/66	38	4.38	4.336	5.041	2.176	0.436	0.66	3.606	3.968	5.041	5.041
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			21672.31								
70307p	SEA WATER, PERCENT	04/23/18-09/20/66	38	83.	79.553	91.	53.	84.038	9.167	64.8	74.75	87.	89.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1956 - Station GATE0365

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/23/18-09/20/66	38	69.	69.026	74.	62.	7.594	2.756	65.	67.75	70.25	73.
00300p	OXYGEN, DISSOLVED MG/L	04/23/18-01/08/74	38	3.95	4.113	7.6	2.4	1.137	1.066	2.89	3.475	4.625	5.33
00310	BOD, 5 DAY, 20 DEG C MG/L	06/27/46-01/08/74	38	2.3	2.426	5.1	0.5	1.305	1.142	1.19	1.475	3.2	4.41
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/11/53-09/20/66	38	24000.	37773.684	110000.	900.	1428119288.762	37790.466	4300.	9300.	46000.	110000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/11/53-09/20/66	38	4.38	4.321	5.041	2.954	0.284	0.533	3.633	3.968	4.663	5.041
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			20930.926								
70307p	SEA WATER, PERCENT	04/23/18-09/20/66	38	77.5	77.237	87.	63.	33.105	5.754	69.9	73.75	83.	85.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1957 - Station GATE0365

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/23/18-09/20/66	38	72.	70.395	75.	61.	13.002	3.606	64.8	68.	73.	74.
00300p	OXYGEN, DISSOLVED MG/L	04/23/18-01/08/74	38	4.15	4.145	6.2	2.1	0.899	0.948	2.78	3.575	4.825	5.41
00310	BOD, 5 DAY, 20 DEG C MG/L	06/27/46-01/08/74	38	1.95	2.053	4.6	0.5	0.891	0.944	0.87	1.475	2.625	3.31
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/11/53-09/20/66	38	24000.	33464.474	110000.	150.	1327584176.743	36436.029	2300.	9300.	46000.	110000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/11/53-09/20/66	38	4.38	4.206	5.041	2.176	0.424	0.651	3.362	3.968	4.663	5.041
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			16053.577								
70307p	SEA WATER, PERCENT	04/23/18-09/20/66	38	83.	83.421	93.	75.	18.088	4.253	78.	80.75	87.	90.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1958 - Station GATE0365

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/23/18-09/20/66	46	69.	68.674	75.	58.	15.202	3.899	63.4	66.	71.25	73.3
00300p	OXYGEN, DISSOLVED MG/L	04/23/18-01/08/74	46	4.6	4.62	6.6	1.8	0.702	0.838	3.7	4.075	5.05	5.66
00310	BOD, 5 DAY, 20 DEG C MG/L	06/27/46-01/08/74	46	1.65	1.867	5.	0.4	0.68	0.825	0.9	1.375	2.5	2.66
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/11/53-09/20/66	46	24000.	30453.261	110000.	250.	1056563378.019	32504.821	2300.	4300.	46000.	110000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/11/53-09/20/66	46	4.38	4.183	5.041	2.398	0.357	0.597	3.362	3.633	4.663	5.041
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			15248.064								
70307p	SEA WATER, PERCENT	04/23/18-09/20/66	46	79.5	79.022	89.	58.	36.688	6.057	71.1	76.75	83.	84.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1959 - Station GATE0365

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/23/18-09/20/66	44	71.	70.25	77.	61.	18.983	4.357	63.5	68.	74.	76.
00300p	OXYGEN, DISSOLVED MG/L	04/23/18-01/08/74	44	4.15	4.043	7.3	1.5	2.199	1.483	1.95	2.9	5.175	5.95
00310	BOD, 5 DAY, 20 DEG C MG/L	06/27/46-01/08/74	44	1.6	1.743	6.8	0.2	1.562	1.25	0.8	1.1	1.875	2.55
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/11/53-09/20/66	44	46000.	52806.818	110000.	4300.	1703135068.71	41269.057	9300.	21000.	110000.	110000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/11/53-09/20/66	44	4.663	4.561	5.041	3.633	0.169	0.411	3.968	4.322	5.041	5.041
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			36352.484								
70307p	SEA WATER, PERCENT	04/23/18-09/20/66	44	83.	82.227	91.	67.	20.691	4.549	77.	79.25	85.5	88.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1960 - Station GATE0365

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/23/18-09/20/66	50	72.	70.64	77.	62.	11.664	3.415	65.1	68.	72.	75.
00300p	OXYGEN, DISSOLVED MG/L	04/23/18-01/08/74	50	4.1	4.3	8.2	2.4	1.781	1.334	2.62	3.175	5.3	6.17
00310	BOD, 5 DAY, 20 DEG C MG/L	06/27/46-01/08/74	50	1.55	1.608	4.	0.5	0.535	0.731	0.8	1.175	1.9	2.48
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/11/53-09/20/66	50	46000.	52331.	110000.	150.	1780439682.653	42195.257	4300.	21750.	110000.	110000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/11/53-09/20/66	50	4.663	4.479	5.041	2.176	0.352	0.594	3.633	4.329	5.041	5.041
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			30149.418								
70307p	SEA WATER, PERCENT	04/23/18-09/20/66	50	78.5	79.	90.	66.	32.327	5.686	72.1	75.	82.	87.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1961 - Station GATE0365

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/23/18-09/20/66	50	72.	70.06	81.	58.	32.18	5.673	62.1	64.75	74.	76.
00300p	OXYGEN, DISSOLVED MG/L	04/23/18-01/08/74	50	4.85	4.736	7.5	1.5	1.725	1.313	2.91	3.95	5.55	6.57
00310	BOD, 5 DAY, 20 DEG C MG/L	06/27/46-01/08/74	45	1.4	1.644	7.	0.	1.345	1.16	0.46	0.9	2.2	2.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/11/53-09/20/66	50	35000.	49086.	110000.	150.	1812948677.551	42578.735	4300.	13575.	110000.	110000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/11/53-09/20/66	50	4.521	4.41	5.041	2.176	0.429	0.655	3.633	4.124	5.041	5.041
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			25708.364								
70307p	SEA WATER, PERCENT	04/23/18-09/20/66	50	79.	78.18	95.	62.	50.396	7.099	66.3	74.	84.	86.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1962 - Station GATE0365

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/23/18-09/20/66	50	71.	70.38	75.	61.	12.322	3.51	64.	68.75	73.	74.
00300p	OXYGEN, DISSOLVED MG/L	04/23/18-01/08/74	50	4.1	4.002	6.5	1.9	1.262	1.123	2.51	3.05	4.7	5.47
00310	BOD, 5 DAY, 20 DEG C MG/L	06/27/46-01/08/74	48	1.65	1.698	4.2	0.4	0.592	0.769	0.79	1.2	2.2	2.8
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/11/53-09/20/66	50	46000.	53188.	110000.	300.	1727484751.02	41563.021	9300.	21000.	110000.	110000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/11/53-09/20/66	50	4.663	4.513	5.041	2.477	0.298	0.546	3.968	4.322	5.041	5.041
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			32578.009								
70307p	SEA WATER, PERCENT	04/23/18-09/20/66	50	85.	84.32	95.	71.	24.834	4.983	76.2	81.75	87.25	90.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1963 - Station GATE0365

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/23/18-09/20/66	50	70.5	70.38	77.	65.	11.71	3.422	65.1	68.	73.	75.
00300p	OXYGEN, DISSOLVED MG/L	04/23/18-01/08/74	50	4.5	4.39	6.7	2.1	1.149	1.072	2.91	3.575	5.1	5.8
00310	BOD, 5 DAY, 20 DEG C MG/L	06/27/46-01/08/74	50	1.7	2.102	7.7	0.5	1.34	1.158	1.	1.4	2.5	3.49
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/11/53-09/20/66	50	46000.	52614.	110000.	2300.	1360946126.531	36891.003	9870.	24000.	110000.	110000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/11/53-09/20/66	50	4.663	4.59	5.041	3.362	0.145	0.381	3.989	4.38	5.041	5.041
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			38864.107								
70307p	SEA WATER, PERCENT	04/23/18-09/20/66	50	87.	85.44	100.	68.	34.047	5.835	74.5	83.	88.	92.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1964 - Station GATE0365

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/23/18-09/20/66	48	71.	69.167	76.	59.	19.589	4.426	61.9	67.	72.	74.
00300p	OXYGEN, DISSOLVED MG/L	04/23/18-01/08/74	48	4.9	4.929	7.3	2.6	1.475	1.214	3.09	4.2	5.8	6.41
00310	BOD, 5 DAY, 20 DEG C MG/L	06/27/46-01/08/74	25	2.4	2.292	5.2	0.5	1.395	1.181	0.8	1.35	2.9	4.04
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/11/53-09/20/66	44	46000.	50668.182	110000.	2300.	1702664545.455	41263.356	7500.	15000.	110000.	110000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/11/53-09/20/66	44	4.663	4.51	5.041	3.362	0.219	0.468	3.875	4.176	5.041	5.041
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			32334.029								
70307p	SEA WATER, PERCENT	04/23/18-09/20/66	48	84.	83.375	91.	74.	14.41	3.796	78.9	81.	86.75	88.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1965 - Station GATE0365

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/23/18-09/20/66	48	70.	69.146	75.	58.	15.446	3.93	62.8	67.25	71.75	73.
00300p	OXYGEN, DISSOLVED MG/L	04/23/18-01/08/74	48	4.1	4.267	6.9	2.4	1.031	1.015	3.	3.625	4.975	5.82
70307p	SEA WATER, PERCENT	04/23/18-09/20/66	48	84.	83.667	92.	71.	13.887	3.726	79.	81.	87.	88.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1966 - Station GATE0365

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/23/18-09/20/66	48	72.	71.25	80.	65.	7.383	2.717	67.	70.	72.	74.1
00300p	OXYGEN, DISSOLVED MG/L	04/23/18-01/08/74	48	4.	4.169	6.3	2.	1.279	1.131	2.89	3.225	5.075	5.81
00310	BOD, 5 DAY, 20 DEG C MG/L	06/27/46-01/08/74	48	2.3	2.435	4.2	0.4	0.747	0.864	1.57	1.825	2.975	3.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/11/53-09/20/66	48	110000.	172006.25	920000.	4500.	51887742300.532	227788.811	22400.	49000.	170000.	540000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/11/53-09/20/66	48	5.041	4.959	5.964	3.653	0.26	0.51	4.349	4.69	5.23	5.732
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			90993.502								
70307p	SEA WATER, PERCENT	04/23/18-09/20/66	48	79.	77.563	86.	67.	24.592	4.959	69.9	74.	81.	84.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1973 - Station GATE0365

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300p	OXYGEN, DISSOLVED MG/L	04/23/18-01/08/74	2	6.65	6.65	6.8	6.5	0.045	0.212	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	06/27/46-01/08/74	2	1.15	1.15	1.2	1.1	0.005	0.071	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

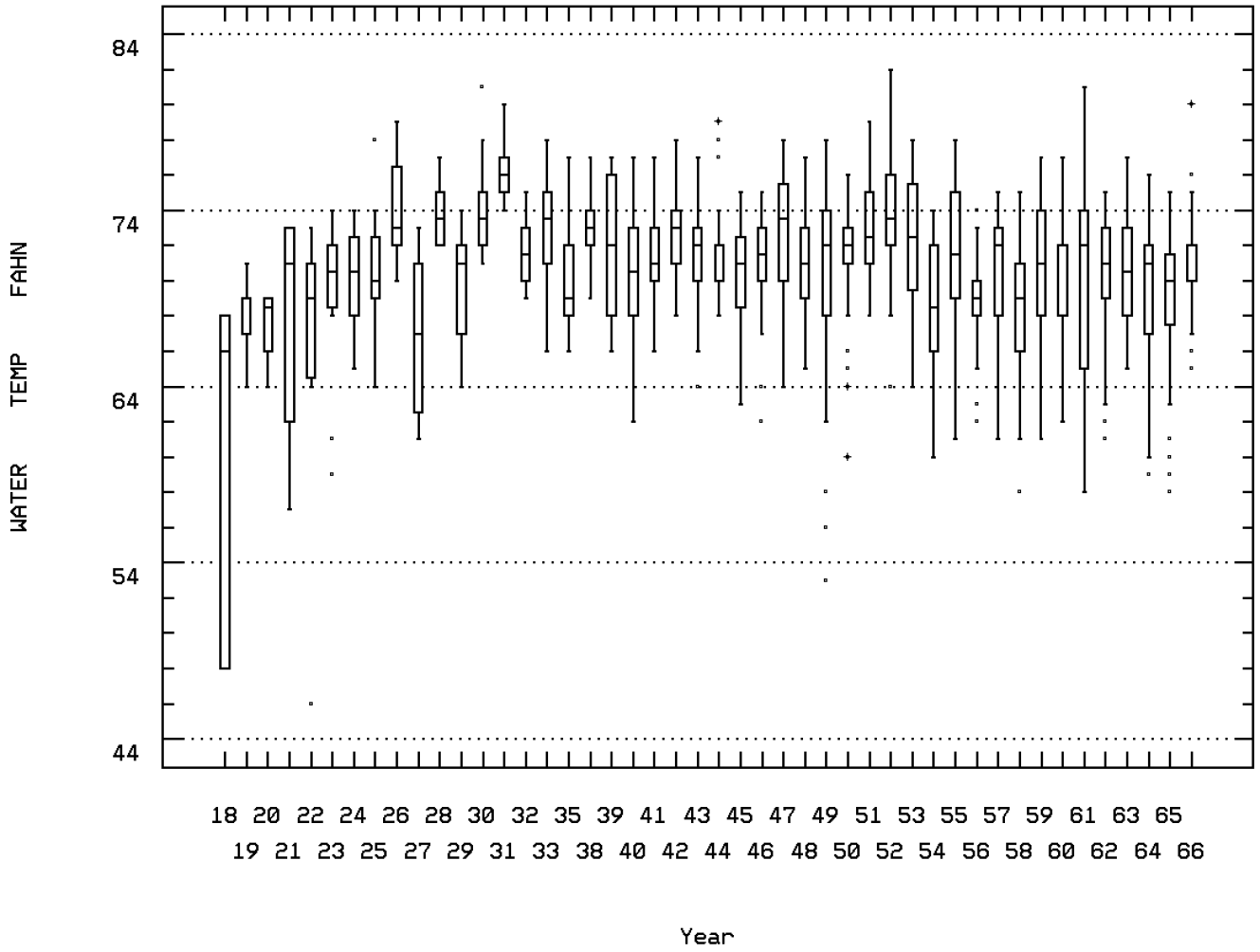
Annual Analysis for 1974 - Station GATE0365

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300p	OXYGEN, DISSOLVED MG/L	04/23/18-01/08/74	2	8.75	8.75	8.8	8.7	0.005	0.071	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	06/27/46-01/08/74	2	1.15	1.15	1.3	1.	0.045	0.212	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: GATE0365 Parameter Code: 00011

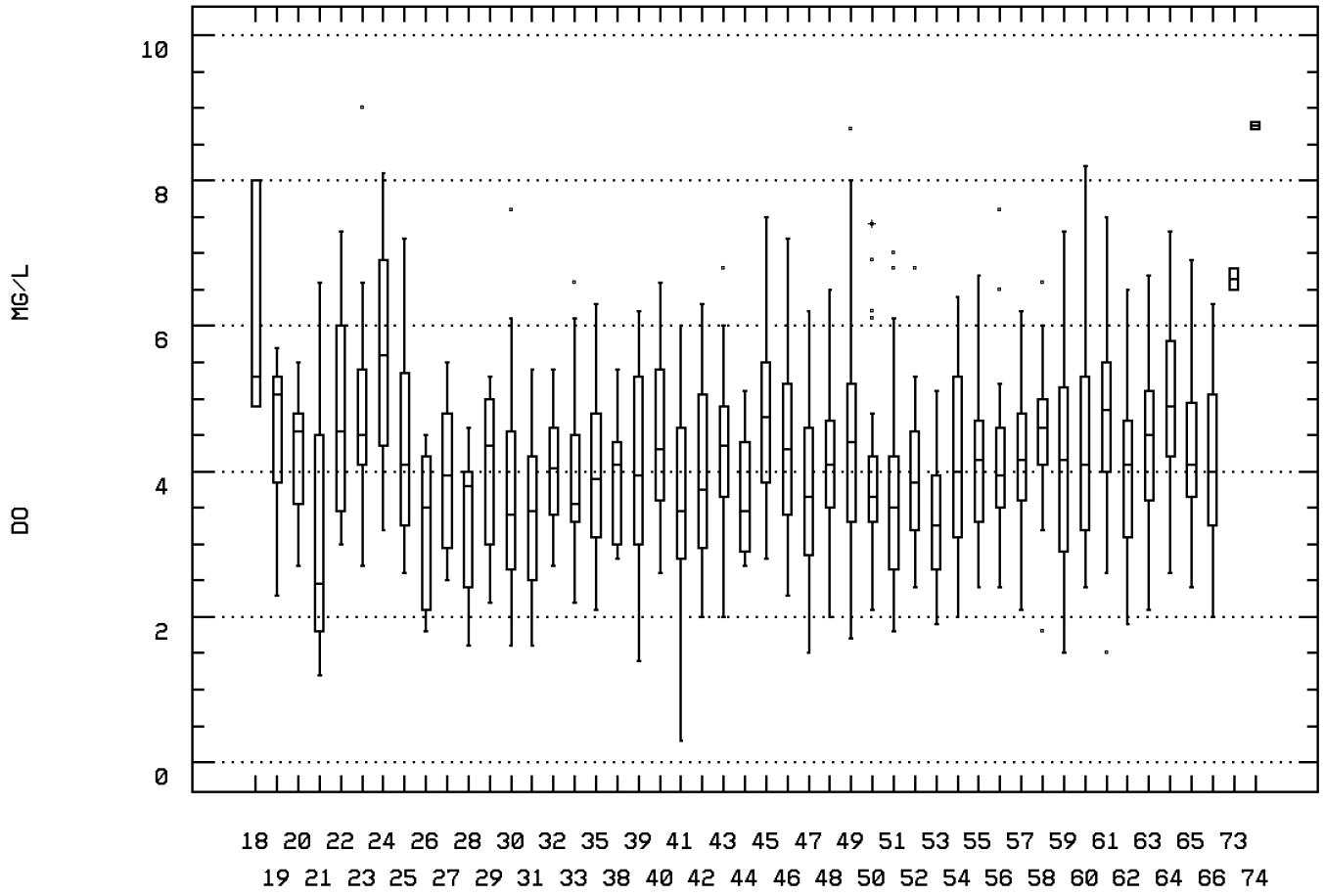
TEMPERATURE, WATER (DEGREES FAHRENHEIT)



THE NARROWS

Station: GATE0365 Parameter Code: 00300

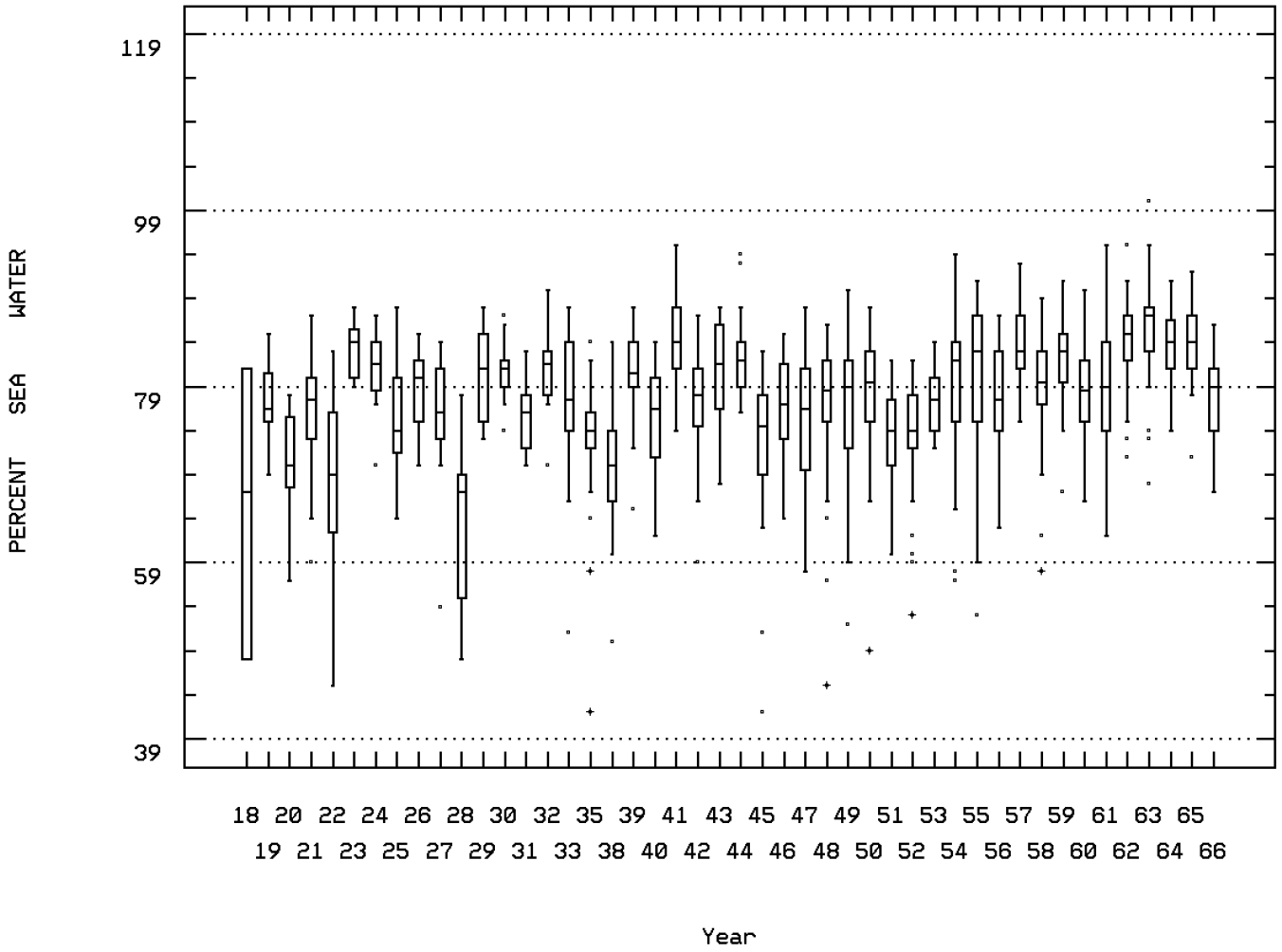
OXYGEN, DISSOLVED



THE NARROWS

Station: GATE0365 Parameter Code: 70307

SEA WATER, PERCENT



THE NARROWS

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0365

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/23/18-09/20/66	689	72.	72.081	81.	59.	8.964	2.994	68.	70.	74.	76.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/11/53-09/20/66	256	46000.	61491.016	920000.	150.11	210686154.259	105880.528	4300.	15000.	110000.	110000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/11/53-09/20/66	256	4.663	4.451	5.964	2.176	0.411	0.641	3.633	4.176	5.041	5.041
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			28230.026								
70307p	SEA WATER, PERCENT	04/23/18-09/20/66	690	80.	79.587	95.	51.	43.221	6.574	71.1	75.	84.	87.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0365

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/23/18-09/20/66	2	46.	46.	46.	46.	0.	0.	**	**	**	**
70307p	SEA WATER, PERCENT	04/23/18-09/20/66	2	62.5	62.5	63.	62.	0.5	0.707	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

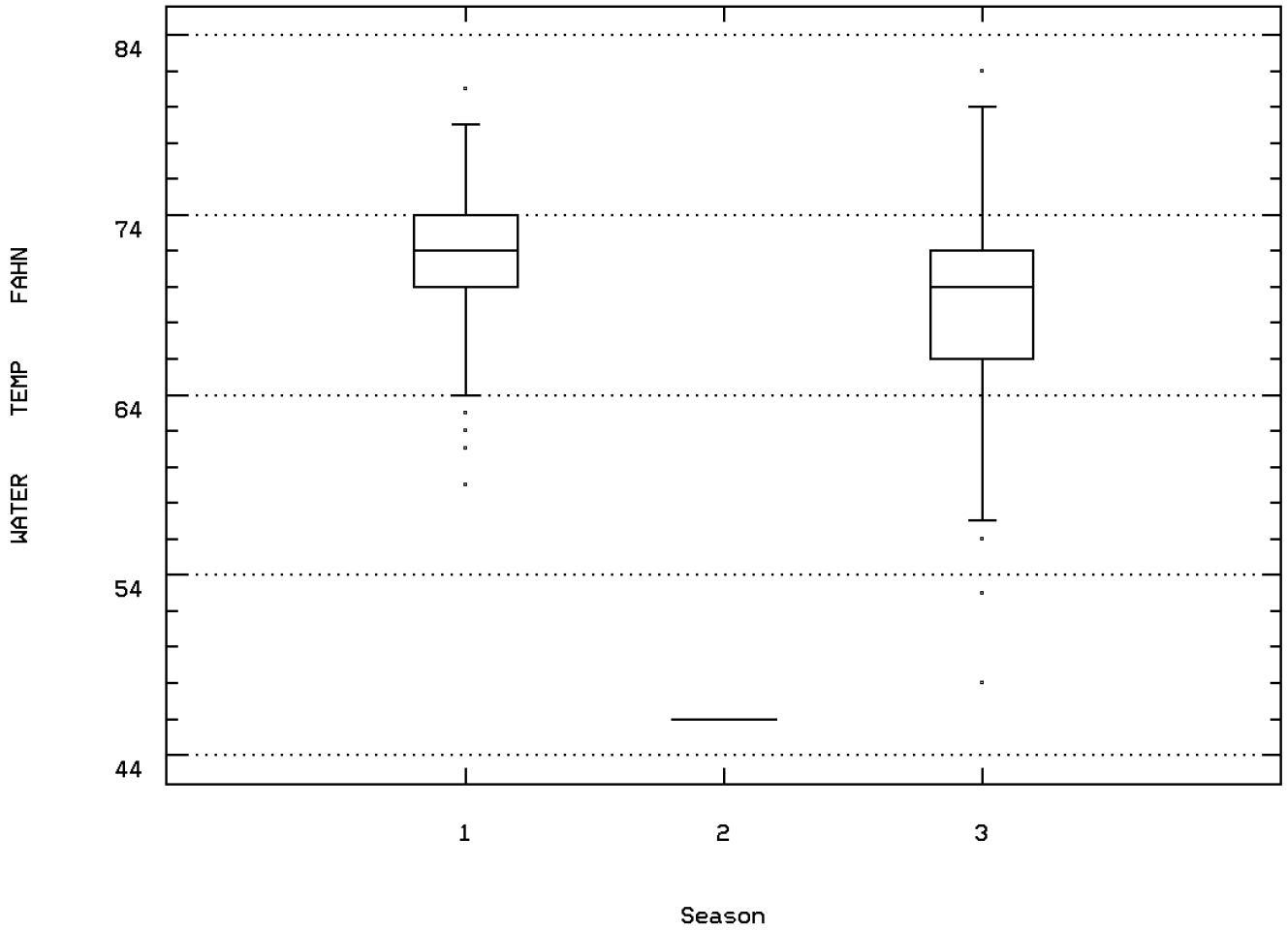
Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0365

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	04/23/18-09/20/66	655	70.	69.189	82.	48.	19.686	4.437	63.	66.	72.	74.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/11/53-09/20/66	283	24000.	51186.396	540000.	0.	3785045071.361	61522.72	4300.	9300.	110000.	110000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/11/53-09/20/66	283	4.38	4.384	5.732	0.	0.476	0.69	3.633	3.968	5.041	5.041
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			24237.705								
70307p	SEA WATER, PERCENT	04/23/18-09/20/66	655	79.	77.395	100.	42.	67.411	8.21	67.	74.	83.	86.4

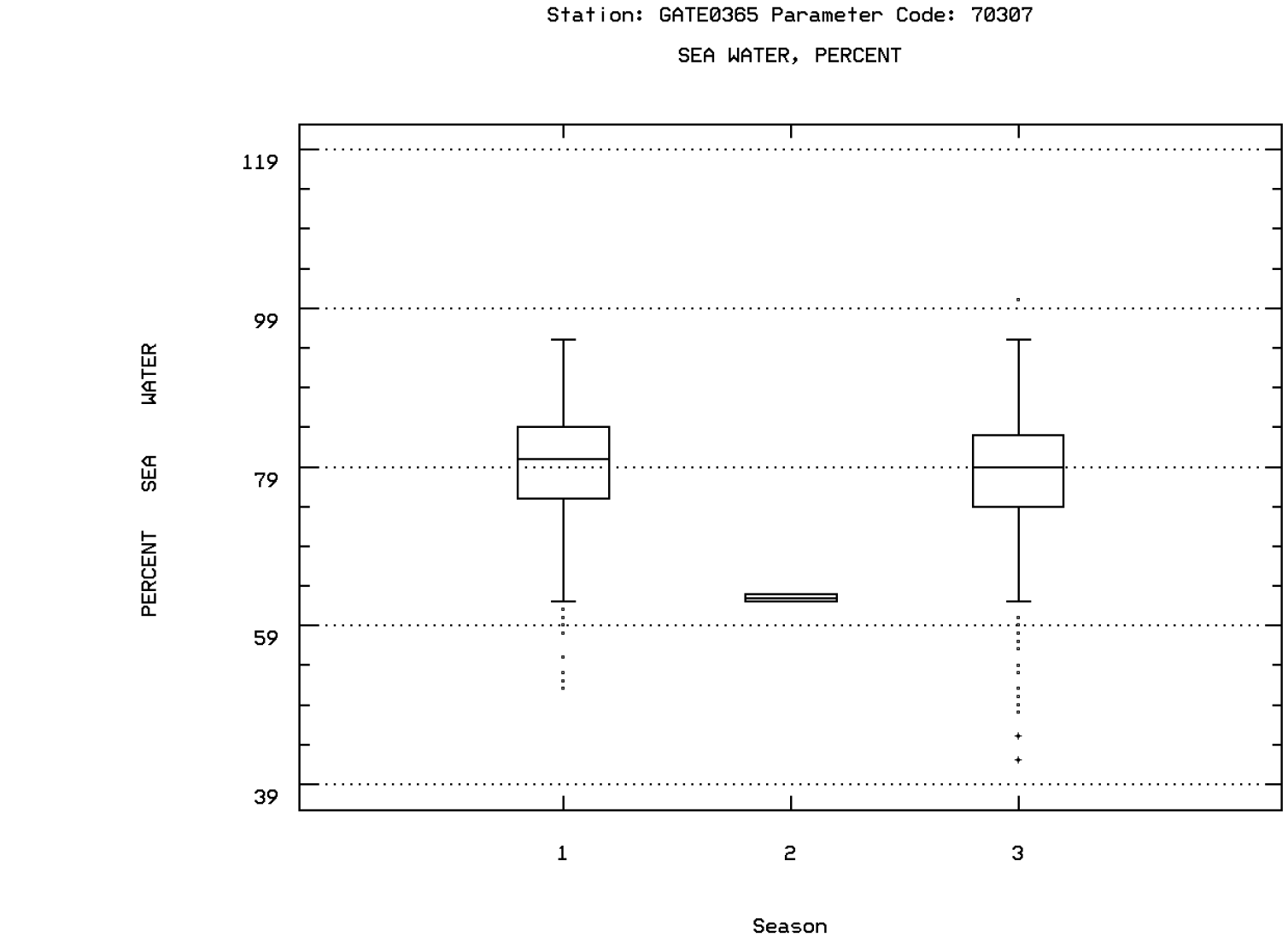
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: GATE0365 Parameter Code: 00011

TEMPERATURE, WATER (DEGREES FAHRENHEIT)



THE NARROWS


Station: GATE0365 Parameter Code: 70307
SEA WATER, PERCENT
PERCENT SEA WATER
119
99
79
59
39
1
2
3
Season

THE NARROWS

Station Inventory for Station: GATE0366

NPS Station ID: GATE0366 LAT/LON: 40.461670/ -74.046949 Agency: 21NJDEP1 Date Created: 08/22/81
Location: RARITAN BAY FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): L7014037156 /92 /SF01015
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02030104 Depth of Water: 20 Aquifer:
Major Basin: NORTHEAST MAJOR BASIN Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA ECO Region:
RF1 Index: 02030104 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J. TIDE CORRECTION (H/L): (-0:01/ 0:00)
ASSOCIATED NOAA WEATHER STATION: 7865

Parameter Inventory for Station: GATE0366

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/01/75-06/16/95	141	18.	15.645	27.	2.	58.102	7.622	4.	8.5	22.	24.8
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-06/16/95	147	22.	19.731	36.	-2.	77.98	8.831	6.8	13.	27.	30.
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-06/16/95	156	4.	4.968	20.	0.	17.734	4.211	1.	2.	7.	10.3
00480	SALINITY - PARTS PER THOUSAND	03/15/82-11/16/82	15	23.3	23.92	29.	19.8	6.696	2.588	20.58	21.9	25.9	27.92
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-06/16/95	126	43.	230.75	4600.	1.5	323830.379	569.061	1.5	14.	230.	460.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-06/16/95	126	1.633	1.668	3.663	0.176	0.717	0.847	0.176	1.142	2.362	2.663
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			46.594								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-06/16/95	125	15.	54.568	930.	1.5	16476.397	128.36	1.5	3.5	36.	182.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-06/16/95	125	1.176	1.082	2.968	0.176	0.526	0.725	0.176	0.54	1.556	2.25
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.085								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/09/90-02/28/92	14 ##	1.5	12.479	93.	1.5	594.953	24.392	1.5	1.5	12.575	58.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	05/09/90-02/28/92	14 ##	0.176	0.628	1.968	0.176	0.364	0.603	0.176	0.176	1.06	1.665
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			4.242								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-06/16/95	161	11035.	6633.857	11600.	1017.	24759613.111	4975.903	1215.	1331.5	11278.	11442.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0366

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	126	7	0.06	39	1	0.03	29	3	0.10	58	3	0.05			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	125	12	0.10	39	2	0.05	28	3	0.11	58	7	0.12			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1975 - Station GATE0366

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/01/75-06/16/95	10	13.9	13.56	23.9	4.4	69.083	8.312	4.4	5.3	22.1	23.84
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-06/16/95	7	7.	6.714	10.	2.	11.905	3.45	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-06/16/95	10	305.	346.9	1100.	43.	101905.656	319.227	48.	93.	460.	1036.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-06/16/95	10	2.419	2.362	3.041	1.633	0.193	0.439	1.667	1.968	2.663	3.004
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			229.882								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-06/16/95	10	68.	180.45	460.	1.5	42012.581	204.97	2.25	13.5	460.	460.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-06/16/95	10	1.801	1.764	2.663	0.176	0.727	0.853	0.254	1.121	2.663	2.663
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			58.058								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-06/16/95	10	11030.	7232.5	11600.	1145.	26436356.944	5141.63	1155.	1245.	11178.75	11581.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GATE0366

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/01/75-06/16/95	15	22.	21.1	25.	16.	6.007	2.451	17.2	20.	22.	25.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-06/16/95	15	24.	24.733	33.	19.	15.638	3.955	19.6	22.	26.	31.2
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-06/16/95	13	3.	4.538	10.	1.	11.603	3.406	1.	2.	7.5	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-06/16/95	15	43.	93.333	460.	1.5	15471.917	124.386	1.5	9.	93.	328.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-06/16/95	15	1.633	1.538	2.663	0.176	0.581	0.762	0.176	0.954	1.968	2.493
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			34.539								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-06/16/95	15	9.	30.033	240.	1.5	3909.731	62.528	1.5	1.5	23.	151.8
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-06/16/95	15	0.954	0.907	2.38	0.176	0.489	0.7	0.176	0.176	1.362	2.133
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.07								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-06/16/95	15	1500.	5358.	11500.	1215.	25338195.714	5033.706	1215.	1415.	11215.	11449.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station GATE0366

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/01/75-06/16/95	7	18.	19.429	25.	17.	12.286	3.505	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-06/16/95	7	24.	26.571	34.	20.	31.619	5.623	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-06/16/95	7	5.	5.143	9.	2.	5.476	2.34	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-06/16/95	7	150.	471.571	2400.	4.	749487.286	865.729	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-06/16/95	7	2.176	1.92	3.38	0.602	1.086	1.042	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			83.091								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-06/16/95	7	9.	43.143	150.	1.5	3345.06	57.836	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-06/16/95	7	0.954	1.098	2.176	0.176	0.696	0.834	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.534								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-06/16/95	7	1445.	4240.	11515.	1245.	23705441.667	4868.823	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station GATE0366

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/01/75-06/16/95	7	21.	21.143	24.	18.	4.143	2.035	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-06/16/95	7	25.	25.143	30.	20.	10.81	3.288	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-06/16/95	7	5.	4.429	7.	1.	3.619	1.902	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-06/16/95	7	3.	104.357	460.	1.5	32251.976	179.588	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-06/16/95	7	0.477	1.059	2.663	0.176	1.181	1.087	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			11.444								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station GATE0366

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-06/16/95	7 ##	1.5	10.429	43.	1.5	233.786	15.29	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-06/16/95	7 ##	0.176	0.638	1.633	0.176	0.372	0.61	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.348								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-06/16/95	7	1515.	4254.286	11445.	1245.	23380370.238	4835.325	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station GATE0366

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/01/75-06/16/95	26	10.95	11.685	26.	2.1	62.653	7.915	2.94	3.275	20.25	23.3
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-06/16/95	26	15.5	14.731	32.	4.	79.305	8.905	4.7	6.	24.25	27.6
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-06/16/95	26	8.	8.923	20.	1.	34.394	5.865	2.	3.75	15.	16.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-06/16/95	19	91.	171.947	460.	10.	28278.497	168.162	15.	30.	240.	460.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-06/16/95	19	1.959	1.957	2.663	1.	0.322	0.567	1.176	1.477	2.38	2.663
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			90.585								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-06/16/95	18 ##	15.	31.639	240.	1.5	3130.23	55.948	3.75	8.5	24.75	107.7
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-06/16/95	18 ##	1.176	1.176	2.38	0.176	0.259	0.509	0.559	0.901	1.381	2.01
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			15.009								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-06/16/95	26	11133.	7055.308	11454.	1204.	25381525.662	5038.008	1207.5	1308.	11313.25	11437.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station GATE0366

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/01/75-06/16/95	7	11.	10.	19.	2.	35.333	5.944	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-06/16/95	6	10.5	10.667	23.	3.	52.267	7.23	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-06/16/95	7	2.	3.143	7.	1.	5.143	2.268	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-06/16/95	7	91.	67.	93.	15.	1308.	36.166	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-06/16/95	7	1.959	1.723	1.968	1.176	0.141	0.375	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			52.846								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-06/16/95	7 ##	15.	21.857	36.	15.	98.143	9.907	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-06/16/95	7 ##	1.176	1.306	1.556	1.176	0.032	0.179	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			20.211								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-06/16/95	7	11104.	7036.571	11502.	1154.	28265163.952	5316.499	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GATE0366

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/01/75-06/16/95	13	18.	13.308	24.	2.	83.564	9.141	2.4	3.5	22.	23.2
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-06/16/95	14	25.	18.5	35.	-2.	152.423	12.346	4.5	8.	28.25	32.5
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-06/16/95	14	2.	2.857	9.	1.	6.286	2.507	1.	1.	3.5	8.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-06/16/95	12	63.5	597.	2400.	15.	882812.364	939.581	15.	20.25	1222.5	2400.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-06/16/95	12	1.758	2.087	3.38	1.176	0.746	0.864	1.176	1.271	3.03	3.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			122.216								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-06/16/95	12 ##	25.5	170.25	930.	15.	81736.568	285.896	15.	15.	345.25	780.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-06/16/95	12 ##	1.366	1.697	2.968	1.176	0.464	0.681	1.176	1.176	2.465	2.868
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			49.77								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-06/16/95	14	11082.5	6997.	11448.	1110.	26439782.154	5141.963	1164.	1300.	11348.25	11446.

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Annual Analysis for 1986 - Station GATE0366

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/01/75-06/16/95	13	19.	18.154	26.	8.	34.641	5.886	8.4	14.	23.	25.6
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-06/16/95	13	23.	21.154	36.	5.	91.808	9.582	6.6	13.5	29.5	34.4
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-06/16/95	13	3.	2.923	10.	0.	6.91	2.629	0.4	1.	4.	8.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-06/16/95	10	43.	132.4	430.	4.	28703.156	169.42	5.9	23.	280.	430.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-06/16/95	10	1.633	1.746	2.633	0.602	0.416	0.645	0.678	1.362	2.43	2.633
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			55.692								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-06/16/95	10	9.	17.55	75.	1.5	546.247	23.372	1.75	4.	21.25	71.8
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-06/16/95	10	0.954	0.974	1.875	0.176	0.245	0.495	0.219	0.602	1.268	1.851
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.425								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-06/16/95	13	11102.	7405.308	11451.	1213.	25148158.064	5014.794	1226.2	1336.5	11199.5	11445.8

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Annual Analysis for 1987 - Station GATE0366

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/01/75-06/16/95	11	13.	12.727	23.	2.	40.418	6.358	2.8	8.	15.	23.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-06/16/95	11	18.	18.182	30.	5.	87.164	9.336	5.4	11.	29.	30.
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-06/16/95	14	4.	5.286	15.	1.	18.374	4.286	1.	1.75	8.5	12.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-06/16/95	10	93.	125.95	430.	1.5	17880.247	133.717	3.65	23.	230.	410.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-06/16/95	10	1.968	1.78	2.633	0.176	0.495	0.704	0.295	1.362	2.362	2.606
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			60.192								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-06/16/95	10	9.	35.25	230.	1.5	4824.403	69.458	1.75	7.75	28.	211.3
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-06/16/95	10	0.954	1.113	2.362	0.176	0.348	0.59	0.219	0.866	1.43	2.289
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.966								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-06/16/95	14	11093.5	7734.714	11525.	1230.	24546544.989	4954.447	1241.	1392.5	11430.5	11490.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GATE0366

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/01/75-06/16/95	8	19.5	16.625	27.	4.	82.839	9.102	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-06/16/95	8	21.	19.875	32.	6.	79.268	8.903	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-06/16/95	8	3.5	5.	12.	1.	15.429	3.928	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-06/16/95	7	15.	671.5	4600.	1.5	3001063.583	1732.358	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-06/16/95	7	1.176	1.417	3.663	0.176	1.187	1.089	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			26.118								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-06/16/95	7	3.	61.357	390.	1.5	21062.143	145.128	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-06/16/95	7	0.477	0.845	2.591	0.176	0.801	0.895	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.993								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-06/16/95	8	11180.	8731.75	11404.	1144.	21494144.786	4636.178	**	**	**	**

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Annual Analysis for 1989 - Station GATE0366

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/01/75-06/16/95	7	19.	16.714	25.	4.	65.905	8.118	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-06/16/95	7	16.	19.714	29.	12.	52.905	7.274	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-06/16/95	7	5.	7.	14.	1.	20.333	4.509	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-06/16/95	5	21.	64.8	240.	9.	9774.2	98.865	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-06/16/95	5	1.322	1.466	2.38	0.954	0.332	0.576	**	**	**	**

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Annual Analysis for 1989 - Station GATE0366

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			29.262								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-06/16/95	5	9.	55.	240.	1.5	10772.375	103.79	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-06/16/95	5	0.954	1.01	2.38	0.176	0.849	0.921	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.225								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-06/16/95	7	1408.	5517.571	11340.	1017.	28415558.286	5330.625	**	**	**	**

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Annual Analysis for 1990 - Station GATE0366

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/01/75-06/16/95	9	17.	16.333	25.	6.	56.	7.483	6.	7.5	22.5	25.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-06/16/95	9	20.	19.111	27.	7.	67.611	8.223	7.	11.	27.	27.
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-06/16/95	9	2.	3.333	10.	1.	11.5	3.391	1.	1.	6.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-06/16/95	2	118.5	118.5	230.	7.	24864.5	157.685	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-06/16/95	2	1.603	1.603	2.362	0.845	1.15	1.072	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			40.125								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-06/16/95	2 ##	22.25	22.25	43.	1.5	861.125	29.345	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-06/16/95	2 ##	0.905	0.905	1.633	0.176	1.062	1.031	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.031								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-06/16/95	9	1351.	4542.667	11114.	1117.	24096991.75	4908.869	1117.	1204.5	11073.	11114.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0366

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/01/75-06/16/95	6	25.	23.	27.	15.	19.2	4.382	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-06/16/95	6	27.	23.667	31.	10.	65.067	8.066	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-06/16/95	6	2.5	2.667	5.	1.	2.667	1.633	**	**	**	**
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-06/16/95	6	1324.5	4539.833	11226.	1117.	26040503.767	5102.99	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0366

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/01/75-06/16/95	2	6.	6.	6.	6.	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-06/16/95	5	25.	19.4	28.	8.	100.3	10.015	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-06/16/95	5	4.	5.	12.	1.	17.5	4.183	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-06/16/95	3	9.	6.5	9.	1.5	18.75	4.33	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-06/16/95	3	0.954	0.695	0.954	0.176	0.202	0.449	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			4.953								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-06/16/95	3 ##	1.5	2.333	4.	1.5	2.083	1.443	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-06/16/95	3 ##	0.176	0.318	0.602	0.176	0.06	0.246	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.08								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-06/16/95	5	11030.	9214.8	11515.	1254.	19844880.7	4454.759	**	**	**	**

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Annual Analysis for 1993 - Station GATE0366

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-06/16/95	5	25.	25.4	27.	24.	1.3	1.14	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-06/16/95	5	4.	3.6	5.	1.	2.3	1.517	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-06/16/95	5 ##	1.5	3.1	7.	1.5	5.925	2.434	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-06/16/95	5 ##	0.176	0.395	0.845	0.176	0.097	0.312	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			2.484								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-06/16/95	5 ##	1.5	2.	4.	1.5	1.25	1.118	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-06/16/95	5 ##	0.176	0.261	0.602	0.176	0.036	0.19	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.825								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-06/16/95	5	11311.	9444.	11533.	1554.	19466132.5	4412.044	**	**	**	**

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Annual Analysis for 1994 - Station GATE0366

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-06/16/95	6	18.5	18.5	24.	13.	19.5	4.416	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-06/16/95	6	1.	1.5	4.	0.	1.9	1.378	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-06/16/95	6	23.5	232.083	1100.	1.5	189261.442	435.042	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-06/16/95	6	1.118	1.406	3.041	0.176	1.296	1.138	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			25.461								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-06/16/95	6	5.5	21.667	93.	1.5	1286.167	35.863	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-06/16/95	6	0.724	0.855	1.968	0.176	0.497	0.705	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.16								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-06/16/95	6	6334.	6388.333	11459.	1433.	29075543.467	5392.174	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station GATE0366

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-06/16/95	2	20.25	20.25	26.5	14.	78.125	8.839	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-06/16/95	2	4.5	4.5	8.	1.	24.5	4.95	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-06/16/95	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-06/16/95	1 ##	0.176	0.176	0.176	0.176	0.	0.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1.5								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-06/16/95	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-06/16/95	1 ##	0.176	0.176	0.176	0.176	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.5								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-06/16/95	2	6232.5	6232.5	11129.	1336.	47951424.5	6924.697	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0366

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/01/75-06/16/95	45	22.	20.789	27.	11.	13.165	3.628	15.	18.	23.	25.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-06/16/95	49	24.	23.673	34.	10.	24.974	4.997	16.	20.5	27.	29.
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-06/16/95	50	4.	4.62	12.	0.	9.506	3.083	1.	2.75	7.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-06/16/95	39	43.	153.385	2400.	1.5	152756.322	390.841	1.5	9.	150.	430.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-06/16/95	39	1.633	1.539	3.38	0.176	0.641	0.801	0.176	0.954	2.176	2.633
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			34.587								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-06/16/95	39	14.	34.859	240.	1.5	3428.512	58.554	1.5	4.	36.	93.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-06/16/95	39	1.146	1.06	2.38	0.176	0.454	0.674	0.176	0.602	1.556	1.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.487								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-06/16/95	52	1544.	5939.635	11515.	1117.	24981450.472	4998.145	1213.6	1330.75	11248.75	11447.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0366

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/01/75-06/16/95	37	5.	5.611	13.	2.	8.612	2.935	2.08	3.05	8.	10.2
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-06/16/95	39	8.	7.846	15.	-2.	13.713	3.703	4.	5.	11.	14.
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-06/16/95	39	4.	5.692	20.	1.	31.061	5.573	1.	1.	8.	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-06/16/95	29	91.	275.69	2400.	1.5	280596.561	529.714	4.	15.	230.	1100.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-06/16/95	29	1.959	1.804	3.38	0.176	0.702	0.838	0.602	1.176	2.362	3.041
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			63.723								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-06/16/95	28	15.	70.	930.	1.5	36127.13	190.071	1.5	3.25	36.	250.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-06/16/95	28	1.176	1.118	2.968	0.176	0.541	0.735	0.176	0.508	1.556	2.389
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			13.115								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-06/16/95	39	11103.	6930.026	11515.	1017.	25131594.973	5013.142	1218.	1325.	11301.	11448.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0366

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/01/75-06/16/95	59	19.	18.014	26.	4.4	34.447	5.869	10.	13.	22.	25.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-06/16/95	59	26.	24.314	36.	13.	37.172	6.097	15.	20.	28.	32.
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-06/16/95	67	4.	4.806	15.	0.	16.28	4.035	1.	2.	8.	10.4
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-06/16/95	58	43.	260.302	4600.	1.5	464468.482	681.519	1.5	13.5	240.	460.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-06/16/95	58	1.633	1.687	3.663	0.176	0.779	0.883	0.176	1.121	2.38	2.663
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			48.681								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-06/16/95	58	12.	60.371	460.	1.5	16027.838	126.601	1.5	1.5	26.25	255.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-06/16/95	58	1.065	1.08	2.663	0.176	0.585	0.765	0.176	0.176	1.41	2.401
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.02								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-06/16/95	70	11045.5	6984.557	11600.	1110.	24570900.424	4956.904	1215.5	1332.5	11267.25	11427.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0367

NPS Station ID: GATE0367
LAT/LON: 40.470837/ -74.047226
Agency: 11NOAMID
Date Created: 11/16/78
Location: RARITAN BAY
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): RARB17
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON NEW YORK METRO AREA
ECO Region:
RF1 Index: 02030104
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
TRACE METALS IN SEDIMENTS OF RARITAN BAY - GREIG AND MCGRATH - NOAA NATL MAR FISH SERV - MID ATLANTIC COAST FISH CEN MILFORD CT 1973 MARINE POLLUTION BULLETIN VOL 8 NO 8 AUG 1977

Parameter Inventory for Station: GATE0367

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	2	3.75	3.75	4.	3.5	0.125	0.354	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	2	145.	145.	160.	130.	450.	21.213	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	02/01/73-05/01/73	2	245.	245.	270.	220.	1250.	35.355	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	02/01/73-05/01/73	2	165.	165.	190.	140.	1250.	35.355	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	2	26.5	26.5	29.	24.	12.5	3.536	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	02/01/73-05/01/73	2	260.	260.	270.	250.	200.	14.142	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GATE0368

NPS Station ID: GATE0368 LAT/LON: 40.487031/ -74.047253 Agency: 11NYCOR Date Created: 09/08/79
Location: CHAPEL HILL SOUTH CHNL.NEAR FLYNNS KNOLL-NJ. FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): NYCOR162
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02030104 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METRO AREA ECO Region:
RF1 Index: 02030104 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:
NEW YORK CORPS OF ENGINEERS DREDGING STUDIES

Parameter Inventory for Station: GATE0368

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	05/25/77-05/25/77	1	9.1	9.1	9.1	9.1	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/25/77-05/25/77	1	14.05	14.05	14.05	14.05	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/25/77-05/25/77	1	11.95	11.95	11.95	11.95	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	05/25/77-05/25/77	1	101.16	101.16	101.16	101.16	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	05/25/77-05/25/77	1	144.71	144.71	144.71	144.71	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/25/77-05/25/77	1	31.61	31.61	31.61	31.61	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	05/25/77-05/25/77	1	261.32	261.32	261.32	261.32	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/25/77-05/25/77	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	05/25/77-05/25/77	1	3.1	3.1	3.1	3.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GATE0369

NPS Station ID: GATE0369 LAT/LON: 40.640281/ -74.047226 Agency: 31ISC2RS Date Created: 11/07/81
Location: UPPER NEW YORK BAY AT BAY RIDGE CHANNEL FIPS State/County: 36047 NEW YORK/KINGS
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): UH-22 /UH22 /1422
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02030201 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METROPOLITAN AREA ECO Region:
RF1 Index: 02030201001 RF1 Mile Point: 1.440 Distance from RF1: 15.40 On/Off RF1: OFF
RF3 Index: 02030201000100.00 RF3 Mile Point: 0.30 Distance from RF3: 1.12 On/Off RF3:
Description:
ER NEW YORK BAY, MID-CHANNEL OF BAY RIDGE CHANNEL E-W: FLASHING RED BEACON ON 69TH STREET FERRY DOCK IN BROOKLYN
N-S: FL G BELL BUOY #3 & FL RED GONG BUOY #22

Parameter Inventory for Station: GATE0369

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/74-09/29/86	97	18.	15.507	26.	0.	57.	7.55	3.46	8.	21.75	24.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-09/29/86	70	2.5	2.971	7.	0.	2.434	1.56	2.	2.	3.	5.9
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-09/29/86	81	34000.	33541.975	48000.	17000.	40442716.049	6359.459	23600.	30000.	38100.	40400.
00300	OXYGEN, DISSOLVED MG/L	01/16/74-09/29/86	96	5.95	6.482	15.5	2.2	7.741	2.782	3.44	4.2	8.375	9.8
00310	BOD, 5 DAY, 20 DEG C MG/L	01/16/74-09/13/79	51	2.9	2.859	5.5	0.5	1.552	1.246	1.3	1.8	4.	4.5
00400	PH (STANDARD UNITS)	02/19/75-11/14/79	45	7.4	7.433	8.2	7.1	0.054	0.232	7.2	7.3	7.6	7.8
00400	CONVERTED PH (STANDARD UNITS)	02/19/75-11/14/79	45	7.4	7.382	8.2	7.1	0.056	0.237	7.2	7.3	7.6	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/19/75-11/14/79	45	0.04	0.042	0.079	0.006	0.	0.019	0.016	0.025	0.05	0.063
00560	OIL & GREASE (FREON EXTR.-IR METHOD) TOT,REC,MG/L	08/13/75-09/29/86	17	0.1	0.394	1.9	0.	0.322	0.567	0.	0.	0.7	1.5
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/27/74-08/26/85	30	0.45	0.53	1.88	0.15	0.095	0.308	0.291	0.39	0.593	0.768
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/27/74-12/10/75	11	0.07	0.066	0.12	0.04	0.001	0.023	0.04	0.04	0.07	0.112
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/27/74-12/10/75	11	0.6	0.723	2.14	0.39	0.247	0.497	0.392	0.44	0.78	1.888
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/22/76-08/26/85	9	0.67	0.77	1.57	0.24	0.141	0.376	0.24	0.545	0.955	1.57
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/14/76-08/26/85	21	0.36	0.38	0.72	0.16	0.027	0.164	0.182	0.255	0.47	0.668
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/22/76-08/26/85	17	0.14	0.134	0.2	0.09	0.001	0.031	0.09	0.11	0.15	0.184
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/27/74-08/26/85	29	0.09	0.105	0.3	0.02	0.005	0.07	0.04	0.05	0.125	0.2
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-09/29/86	72	7.	7.917	26.	2.	12.697	3.563	4.3	6.	10.	11.7
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-09/29/86	77	30.	30.078	53.	15.	19.968	4.469	26.	28.	32.	34.
00940	CHLORIDE,TOTAL IN WATER MG/L	01/16/74-04/09/75	21	11300.	11047.619	14200.	6100.	4156619.048	2038.779	7740.	9600.	12300.	13600.
01000	ARSENIC, DISSOLVED (UG/L AS AS)	04/23/79-04/23/79	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	12/10/75-03/24/86	9 ##	2.	2.333	5.	1.	2.75	1.658	1.	1.	4.	5.
01025	CADMIUM, DISSOLVED (UG/L AS CD)	04/14/76-09/13/79	13 ##	0.25	0.442	1.	0.25	0.075	0.273	0.25	0.25	0.5	1.
01027	CADMIUM, TOTAL (UG/L AS CD)	08/27/74-03/24/86	28	2.	3.795	43.	0.25	65.023	8.064	0.25	0.625	3.75	9.1
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	04/14/76-09/13/79	13 ##	2.5	2.269	2.5	1.	0.317	0.563	1.	2.5	2.5	2.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/27/74-03/24/86	27 ##	2.5	3.463	10.	0.5	4.614	2.148	2.	2.5	4.	7.4
01035	COBALT, DISSOLVED (UG/L AS CO)	07/22/76-09/13/79	6 ##	0.5	0.75	2.	0.5	0.375	0.612	**	**	**	**
01037	COBALT, TOTAL (UG/L AS CO)	12/05/74-08/04/82	11	1.	2.773	10.	0.5	9.868	3.141	0.5	0.5	5.	9.2
01040	COPPER, DISSOLVED (UG/L AS CU)	04/14/76-09/13/79	12	17.5	20.458	56.	0.5	194.066	13.931	3.05	13.25	24.75	49.4
01042	COPPER, TOTAL (UG/L AS CU)	08/27/74-03/24/86	29	31.	41.138	160.	6.	1259.337	35.487	7.	13.	56.5	95.
01045	IRON, TOTAL (UG/L AS FE)	12/05/74-03/24/86	17	157.	185.824	487.	28.	16681.529	129.157	43.2	98.5	249.	414.2
01046	IRON, DISSOLVED (UG/L AS FE)	07/22/76-09/13/79	6	19.	24.833	60.	11.	312.567	17.68	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	04/14/76-09/13/79	13	5.	8.077	25.	2.5	50.16	7.082	2.5	2.5	10.	23.
01051	LEAD, TOTAL (UG/L AS PB)	08/27/74-03/24/86	29	15.	19.966	60.	2.5	281.517	16.778	5.	5.	27.5	50.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GATE0369

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01065	NICKEL, DISSOLVED (UG/L AS NI)	04/14/76-09/13/79	13	5.	8.654	25.	2.5	60.016	7.747	2.5	3.75	10.	25.
01067	NICKEL, TOTAL (UG/L AS NI)	08/27/74-03/24/86	29	13.	17.276	65.	2.5	229.903	15.163	5.	6.5	24.	40.
01075	SILVER, DISSOLVED (UG/L AS AG)	07/22/76-09/13/79	6	1.	0.917	1.	0.5	0.042	0.204	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	12/05/74-03/24/86	15	1.	2.267	15.	0.5	13.71	3.703	0.5	0.5	2.	9.
01090	ZINC, DISSOLVED (UG/L AS ZN)	04/14/76-09/13/79	9	52.	62.444	103.	32.	790.278	28.112	32.	38.5	95.5	103.
01092	ZINC, TOTAL (UG/L AS ZN)	08/27/74-03/24/86	26	59.	76.25	240.	0.5	4334.825	65.839	12.4	26.75	120.5	201.6
01100	TIN, DISSOLVED (UG/L AS SN)	03/09/77-09/13/79	5 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01102	TIN, TOTAL (UG/L AS SN)	12/05/74-09/13/79	7 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	12/05/74-08/04/82	8	45.	88.5	360.	5.	14033.714	118.464	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/22/76-09/13/79	6	35.	29.167	40.	5.	204.167	14.289	**	**	**	**
31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	06/08/77-08/04/82	10	17500.	21105.5	51000.	5.	334953469.167	18301.734	9.5	3762.5	36250.	50800.
31504	LOG COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,	06/08/77-08/04/82	10	4.241	3.704	4.708	0.699	1.881	1.372	0.799	3.199	4.551	4.706
31504	GM COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,3	GEOMETRIC MEAN =			5057.085								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/03/83-09/29/86	12	10700.	12627.5	24000.	330.	92240347.727	9604.184	1281.	3975.	24000.	24000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/03/83-09/29/86	12	3.968	3.894	4.38	2.519	0.305	0.552	2.826	3.591	4.38	4.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			7841.69								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	07/30/74-08/04/82	40	3250.	9423.125	100000.	5.	464990749.599	21563.644	604.	1775.	5975.	15900.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	07/30/74-08/04/82	40	3.511	3.499	5.	0.699	0.485	0.697	2.781	3.248	3.776	4.201
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			3156.807								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/03/83-09/29/86	12	2950.	4855.	24000.	330.	42022318.182	6482.462	330.	1825.	4925.	19560.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/03/83-09/29/86	12	3.462	3.42	4.38	2.519	0.276	0.525	2.519	3.258	3.685	4.255
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2630.839								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/13/75-09/29/86	33	5.	7.939	45.	0.	92.996	9.643	0.	2.5	10.	15.4
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	08/13/75-09/29/86	32	1.5	2.156	7.	0.	5.297	2.302	0.	0.	4.	5.7
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	08/13/75-09/29/86	33	7.	7.909	28.	0.	57.898	7.609	0.	0.	13.	18.6
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	08/27/75-07/25/79	5	4.	5.	10.	1.	12.5	3.536	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	08/27/74-03/24/86	26	0.1	0.16	0.5	0.05	0.017	0.13	0.05	0.05	0.2	0.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0369

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	70	0	0.00	25	0	0.00	16	0	0.00	29	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	96	21	0.22	31	11	0.35	23	0	0.00	42	10	0.24			
00400	PH	Other-Hi Lim.	9.	45	0	0.00	11	0	0.00	11	0	0.00	23	0	0.00			
		Other-Lo Lim.	6.5	45	0	0.00	11	0	0.00	11	0	0.00	23	0	0.00			
01000	ARSENIC, DISSOLVED	Marine Acute	69.	1	0	0.00							1	0	0.00			
01002	ARSENIC, TOTAL	Marine Acute	69.	9	0	0.00	3	0	0.00	5	0	0.00	1	0	0.00			
01025	CADMIUM, DISSOLVED	Marine Acute	43.	13	0	0.00	4	0	0.00	4	0	0.00	5	0	0.00			
01027	CADMIUM, TOTAL	Marine Acute	43.	28	1	0.04	9	0	0.00	11	0	0.00	8	1	0.13			
01040	COPPER, DISSOLVED	Marine Acute	2.9	12	11	0.92	3	2	0.67	4	4	1.00	5	5	1.00			
01042	COPPER, TOTAL	Marine Acute	2.9	29	29	1.00	11	11	1.00	10	10	1.00	8	8	1.00			
01049	LEAD, DISSOLVED	Marine Acute	220.	13	0	0.00	4	0	0.00	4	0	0.00	5	0	0.00			
01051	LEAD, TOTAL	Marine Acute	220.	29	0	0.00	11	0	0.00	10	0	0.00	8	0	0.00			
01065	NICKEL, DISSOLVED	Marine Acute	75.	13	0	0.00	4	0	0.00	4	0	0.00	5	0	0.00			
01067	NICKEL, TOTAL	Marine Acute	75.	29	0	0.00	10	0	0.00	11	0	0.00	8	0	0.00			
01075	SILVER, DISSOLVED	Marine Acute	0.12	5 &	5	1.00	2	2	1.00	2	2	1.00	1	1	1.00			
01077	SILVER, TOTAL	Marine Acute	0.12	11 &	11	1.00	5	5	1.00	3	3	1.00	3	3	1.00			
01090	ZINC, DISSOLVED	Marine Acute	95.	9	2	0.22	3	1	0.33	3	1	0.33	3	0	0.00			
01092	ZINC, TOTAL	Marine Acute	95.	26	8	0.31	9	4	0.44	10	2	0.20	7	2	0.29			
31504	COLIFORM,TOT,MEMBRANE FILTR,IMMED. LES-E	Other-Hi Lim.	1000.	10	8	0.80	3	3	1.00	2	2	1.00	5	3	0.60			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	12	11	0.92	5	5	1.00	4	3	0.75	3	3	1.00			
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	40	39	0.98	14	14	1.00	8	8	1.00	18	17	0.94			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	12	12	1.00	5	5	1.00	4	4	1.00	3	3	1.00			
71900	MERCURY, TOTAL	Marine Acute	2.1	26	0	0.00	11	0	0.00	10	0	0.00	5	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1974 - Station GATE0369

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/74-09/29/86	17	14.1	12.424	22.4	3.2	43.488	6.595	3.28	6.15	18.35	21.84
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-09/29/86	3	43000.	41166.667	45000.	35500.	25083333.333	5008.326	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/16/74-09/29/86	17	6.8	6.3	9.5	2.2	5.904	2.43	3.08	3.85	8.65	9.34
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-09/29/86	7	6.	9.286	26.	3.	69.905	8.361	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-09/29/86	8	32.5	35.5	53.	29.	62.286	7.892	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GATE0369

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/74-09/29/86	14	17.85	15.436	24.5	3.5	64.981	8.061	3.75	7.25	23.1	24.25
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-09/29/86	14	2.	3.214	7.	2.	3.104	1.762	2.	2.	5.	6.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-09/29/86	14	30500.	31535.714	48000.	22000.	37479395.604	6122.042	24000.	28000.	34500.	42500.
00300	OXYGEN, DISSOLVED MG/L	01/16/74-09/29/86	14	4.45	6.05	10.	2.6	7.632	2.763	3.1	3.8	9.45	9.9
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-09/29/86	10	8.	8.6	14.	5.	8.489	2.914	5.	5.75	11.	13.7
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-09/29/86	13	30.	30.462	34.	27.	4.603	2.145	27.8	29.	32.	34.

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Annual Analysis for 1976 - Station GATE0369

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/74-09/29/86	12	19.9	17.817	23.5	7.5	30.712	5.542	7.65	13.375	21.375	23.05
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-09/29/86	9	3.	3.	7.	2.	2.5	1.581	2.	2.	3.	7.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-09/29/86	12	31500.	32600.	38500.	27000.	14220000.	3770.942	27600.	30000.	36500.	38350.
00300	OXYGEN, DISSOLVED MG/L	01/16/74-09/29/86	12	4.2	5.175	9.6	2.7	4.411	2.1	2.97	3.85	6.85	9.18
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-09/29/86	10	7.	6.6	8.	5.	1.156	1.075	5.	5.75	7.25	8.
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-09/29/86	10	31.	30.8	34.	26.	5.511	2.348	26.2	29.5	32.25	33.9

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GATE0369

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/74-09/29/86	12	16.75	15.5	24.2	2.	54.604	7.389	2.51	10.375	21.575	23.54
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-09/29/86	12	3.	3.083	6.	2.	1.72	1.311	2.	2.	3.75	5.7
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-09/29/86	11	36000.	34318.182	42000.	21000.	40863636.364	6392.467	22400.	28500.	39000.	41700.
00300	OXYGEN, DISSOLVED MG/L	01/16/74-09/29/86	12	5.6	6.542	9.8	4.2	4.666	2.16	4.26	4.7	9.1	9.74
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-09/29/86	10	6.5	7.	10.	4.	3.111	1.764	4.2	6.	8.25	9.9
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-09/29/86	11	29.	29.636	34.	25.	6.455	2.541	25.6	28.	32.	33.8

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Annual Analysis for 1978 - Station GATE0369

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/74-09/29/86	12	17.9	15.325	25.8	0.	82.34	9.074	0.	8.425	23.6	25.26
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-09/29/86	11	2.	3.091	7.	2.	3.091	1.758	2.	2.	3.	6.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-09/29/86	12	37600.	34366.667	46000.	20000.	68687878.788	8287.815	20750.	25000.	39800.	44200.
00300	OXYGEN, DISSOLVED MG/L	01/16/74-09/29/86	12	6.1	6.792	11.8	2.8	9.612	3.1	2.86	4.275	9.25	11.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GATE0369

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-09/29/86	11	8.	7.727	12.	2.	9.818	3.133	2.4	6.	11.	12.
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-09/29/86	11	28.	28.545	34.	22.	10.073	3.174	22.8	27.	31.	33.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station GATE0369

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/74-09/29/86	11	15.	15.682	24.	2.	48.164	6.94	3.5	10.	22.5	24.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-09/29/86	11	3.	3.273	5.	2.	1.218	1.104	2.	2.	4.	5.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-09/29/86	10	34750.	35700.	47000.	31000.	22455555.556	4738.729	31100.	32000.	37250.	46250.
00300	OXYGEN, DISSOLVED MG/L	01/16/74-09/29/86	11	5.2	6.055	10.2	2.6	8.889	2.981	2.64	3.	9.6	10.12
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-09/29/86	10	8.	8.5	16.	5.	9.833	3.136	5.1	6.	10.	15.4
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-09/29/86	10	29.	29.6	38.	22.	22.267	4.719	22.4	26.	33.25	37.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station GATE0369

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/74-09/29/86	3	20.	20.5	23.	18.5	5.25	2.291	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-09/29/86	3	0.	0.667	2.	0.	1.333	1.155	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-09/29/86	3	36500.	34833.333	37000.	31000.	11083333.333	3329.164	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/16/74-09/29/86	3	7.6	7.567	8.3	6.8	0.563	0.751	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-09/29/86	3	11.	11.	13.	9.	4.	2.	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-09/29/86	3	29.	29.333	33.	26.	12.333	3.512	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station GATE0369

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/74-09/29/86	4	24.25	19.375	26.	3.	120.229	10.965	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-09/29/86	4	2.5	2.5	3.	2.	0.333	0.577	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-09/29/86	4	38250.	36375.	39000.	30000.	18229166.667	4269.563	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/16/74-09/29/86	3	6.	5.867	6.6	5.	0.653	0.808	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-09/29/86	4	6.	5.75	7.	4.	2.25	1.5	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-09/29/86	4	28.	27.75	30.	25.	4.25	2.062	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GATE0369

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/74-09/29/86	2	13.	13.	21.	5.	128.	11.314	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-09/29/86	2	25000.	25000.	28000.	22000.	18000000.	4242.641	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/16/74-09/29/86	2	9.35	9.35	12.	6.7	14.045	3.748	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-09/29/86	2	6.5	6.5	11.	2.	40.5	6.364	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-09/29/86	2	23.5	23.5	32.	15.	144.5	12.021	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GATE0369

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/74-09/29/86	6	22.35	19.533	24.	5.	52.887	7.272	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-09/29/86	4	2.	2.25	3.	2.	0.25	0.5	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-09/29/86	6	34750.	34050.	39000.	26000.	25055000.	5005.497	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/16/74-09/29/86	6	6.2	7.333	15.5	4.	17.407	4.172	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-09/29/86	3	10.	10.333	11.	10.	0.333	0.577	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-09/29/86	3	30.	30.667	33.	29.	4.333	2.082	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GATE0369

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/74-09/29/86	4	9.5	9.625	17.5	2.	77.563	8.807	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-09/29/86	2	4.	4.	7.	1.	18.	4.243	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-09/29/86	4	26000.	27375.	40500.	17000.	105229166.667	10258.127	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/16/74-09/29/86	4	9.3	9.7	14.5	5.7	16.647	4.08	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-09/29/86	2	6.5	6.5	8.	5.	4.5	2.121	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-09/29/86	2	27.	27.	30.	24.	18.	4.243	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0369

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/74-09/29/86	31	21.	20.723	26.	11.5	12.472	3.532	14.84	18.5	23.5	24.44
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-09/29/86	25	2.	2.16	4.	0.	0.557	0.746	1.6	2.	2.5	3.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-09/29/86	27	38000.	36962.963	48000.	29000.	25313190.883	5031.222	29900.	31500.	39500.	43600.
00300	OXYGEN, DISSOLVED MG/L	01/16/74-09/29/86	31	4.4	4.823	8.3	2.6	2.24	1.497	2.84	3.8	5.8	7.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/27/74-08/26/85	13	0.57	0.577	1.	0.32	0.034	0.186	0.352	0.425	0.7	0.908
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/14/76-08/26/85	9	0.29	0.373	0.72	0.16	0.039	0.198	0.16	0.25	0.555	0.72
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/27/74-08/26/85	11	0.12	0.125	0.29	0.06	0.004	0.063	0.062	0.08	0.14	0.264
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-09/29/86	30	7.	8.4	26.	4.	18.317	4.28	5.	6.	9.25	13.9
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-09/29/86	29	31.	32.448	53.	28.	21.47	4.634	29.	30.	33.5	37.
01027	CADMIUM, TOTAL (UG/L AS CD)	08/27/74-03/24/86	9	2.	2.667	10.	0.25	9.922	3.15	0.25	0.375	4.	10.
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/27/74-03/24/86	10	3.25	4.45	10.	2.	8.414	2.901	2.	2.375	6.	9.9
01042	COPPER, TOTAL (UG/L AS CU)	08/27/74-03/24/86	11	27.	36.182	90.	6.	937.964	30.626	6.2	7.	63.	87.
01051	LEAD, TOTAL (UG/L AS PB)	08/27/74-03/24/86	11	10.	19.455	60.	2.5	404.023	20.1	2.5	7.	25.	59.2
01067	NICKEL, TOTAL (UG/L AS NI)	08/27/74-03/24/86	10	10.	15.9	50.	5.	228.767	15.125	5.	5.	22.25	48.5
01092	ZINC, TOTAL (UG/L AS ZN)	08/27/74-03/24/86	9	81.	72.111	151.	4.	3252.861	57.034	4.	16.	126.5	151.
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	07/30/74-08/04/82	14	3000.	10607.857	100000.	410.	672837325.824	25939.108	905.	1650.	4900.	57000.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	07/30/74-08/04/82	14	3.477	3.548	5.	2.613	0.3	0.547	2.879	3.217	3.689	4.573
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			3532.704								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/13/75-09/29/86	14	6.	8.5	45.	0.	121.038	11.002	1.	3.	9.25	28.
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	08/13/75-09/29/86	14	0.5	1.571	6.	0.	3.802	1.95	0.	0.	3.	5.
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	08/13/75-09/29/86	14	4.	5.786	15.	0.	34.643	5.886	0.	0.	11.5	14.
71900	MERCURY, TOTAL (UG/L AS HG)	08/27/74-03/24/86	11	0.2	0.182	0.4	0.05	0.019	0.137	0.05	0.05	0.3	0.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0369

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/74-09/29/86	24	4.3	5.367	13.	0.	14.934	3.864	1.	2.25	7.5	13.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-09/29/86	16	3.	4.188	7.	2.	2.963	1.721	2.7	3.	5.75	7.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-09/29/86	19	30000.	29405.263	45000.	17000.	46476081.871	6817.337	22000.	23000.	33000.	40000.
00300	OXYGEN, DISSOLVED MG/L	01/16/74-09/29/86	23	9.6	9.8	15.5	5.6	5.26	2.293	7.04	8.4	11.6	13.5
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/27/74-08/26/85	4	0.6	0.883	1.88	0.45	0.449	0.67	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/14/76-08/26/85	2	0.55	0.55	0.6	0.5	0.005	0.071	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/27/74-08/26/85	5	0.05	0.078	0.2	0.04	0.005	0.068	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-09/29/86	19	7.	7.316	12.	2.	9.228	3.038	4.	5.	10.	11.
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-09/29/86	20	28.	27.2	34.	15.	17.853	4.225	22.	25.25	29.	32.8
01027	CADMIUM, TOTAL (UG/L AS CD)	08/27/74-03/24/86	11	2.	2.841	9.	0.25	6.428	2.535	0.4	1.	4.	8.2
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/27/74-03/24/86	10 ##	2.5	2.85	7.	0.5	2.614	1.617	0.7	2.5	3.	6.6
01042	COPPER, TOTAL (UG/L AS CU)	08/27/74-03/24/86	10	30.5	45.6	160.	7.	2392.711	48.915	7.	7.75	62.75	153.5
01051	LEAD, TOTAL (UG/L AS PB)	08/27/74-03/24/86	10	20.	20.3	45.	5.	205.344	14.33	5.	5.	32.	44.3
01067	NICKEL, TOTAL (UG/L AS NI)	08/27/74-03/24/86	11	13.	19.091	65.	2.5	359.641	18.964	2.5	7.	30.	60.
01092	ZINC, TOTAL (UG/L AS ZN)	08/27/74-03/24/86	10	37.5	73.15	240.	0.5	6647.781	81.534	2.25	21.75	108.75	236.1
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	07/30/74-08/04/82	8	2450.	4400.	15000.	600.	23685714.286	4866.797	**	**	**	**
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	07/30/74-08/04/82	8	3.389	3.437	4.176	2.778	0.204	0.451	**	**	**	**
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			2737.151								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/13/75-09/29/86	6	1.	8.167	37.	0.	214.567	14.648	**	**	**	**
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	08/13/75-09/29/86	5	2.	2.8	7.	0.	7.7	2.775	**	**	**	**
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	08/13/75-09/29/86	6	11.	13.5	28.	0.	99.9	9.995	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	08/27/74-03/24/86	10 ##	0.075	0.155	0.5	0.05	0.022	0.15	0.05	0.05	0.225	0.48

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0369

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/74-09/29/86	42	19.4	17.452	25.	6.2	31.325	5.597	8.	13.7	21.775	24.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/19/75-09/29/86	29	2.	3.	7.	0.	2.5	1.581	2.	2.	3.5	6.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/74-09/29/86	35	33500.	33148.571	47000.	20000.	32181394.958	5672.865	24600.	31000.	37000.	38780.
00300	OXYGEN, DISSOLVED MG/L	01/16/74-09/29/86	42	5.6	5.89	10.2	2.2	4.857	2.204	3.09	4.15	7.725	9.51
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/27/74-08/26/85	13	0.39	0.375	0.56	0.15	0.012	0.111	0.194	0.295	0.455	0.536
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/14/76-08/26/85	10	0.365	0.353	0.62	0.17	0.017	0.131	0.176	0.238	0.44	0.602
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/27/74-08/26/85	13	0.09	0.099	0.3	0.02	0.006	0.077	0.024	0.045	0.115	0.26
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/74-09/29/86	23	8.	7.783	16.	2.	8.632	2.938	3.8	6.	9.	11.6
00690	CARBON, TOTAL (MG/L AS C)	07/30/74-09/29/86	28	29.	29.679	38.	25.	9.041	3.007	26.	28.	31.75	34.
01027	CADMIUM, TOTAL (UG/L AS CD)	08/27/74-03/24/86	8	1.5	6.375	43.	0.25	219.607	14.819	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/27/74-03/24/86	7 ##	2.5	2.929	5.	2.5	0.869	0.932	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/27/74-03/24/86	8	38.	42.375	96.	22.	552.268	23.5	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	08/27/74-03/24/86	8	16.5	20.25	50.	5.	284.214	16.859	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	08/27/74-03/24/86	8	14.	16.5	34.	5.	103.143	10.156	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/27/74-03/24/86	7	60.	86.	203.	38.	3600.333	60.003	**	**	**	**
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	07/30/74-08/04/82	18	3550.	10734.167	100000.	5.	527618265.441	22969.943	243.5	2150.	7300.	29800.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	07/30/74-08/04/82	18	3.55	3.489	5.	0.699	0.796	0.892	2.258	3.332	3.855	4.408
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			3081.622								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/13/75-09/29/86	13	6.	7.231	17.	0.	26.526	5.15	0.4	3.5	12.	15.4
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	08/13/75-09/29/86	13	2.	2.538	7.	0.	6.269	2.504	0.	0.	5.	6.2
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	08/13/75-09/29/86	13	5.	7.615	19.	0.	54.256	7.366	0.	0.	15.	18.6
71900	MERCURY, TOTAL (UG/L AS HG)	08/27/74-03/24/86	5	0.1	0.12	0.2	0.05	0.006	0.076	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0370

NPS Station ID: GATE0370 LAT/LON: 40.494448/ -74.048059 Agency: 31ISC2RS Date Created: 01/04/86
Location: LOWER NEW YORK BAY - CHAPEL HILL SOUTH CHANNEL FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): LB-07 /LB07 /NJ-07 /SS-11
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02030104 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METROPOLITAN AREA ECO Region:
RF1 Index: 02030104 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:
BUOY FL G 4 SEC

Parameter Inventory for Station: GATE0370

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/19/86-04/10/87	33	9.2	10.955	26.2	2.	66.779	8.172	2.44	3.	17.15	24.42
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/19/86-04/10/87	34	26350.	29152.941	44000.	15000.	110853475.936	10528.698	16000.	19525.	40000.	41000.
00300	OXYGEN, DISSOLVED MG/L	08/19/86-04/10/87	34	9.9	8.906	11.7	5.5	4.611	2.147	5.65	6.825	10.725	11.05
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/19/86-02/19/87	3	0.37	0.427	0.56	0.35	0.013	0.116	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/19/86-02/19/87	3	0.53	0.557	0.63	0.51	0.004	0.064	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/19/86-02/19/87	3	0.29	0.3	0.33	0.28	0.001	0.026	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/19/86-02/19/87	3	0.15	0.133	0.18	0.07	0.003	0.057	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/19/86-02/19/87	3	0.12	0.117	0.18	0.05	0.004	0.065	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	08/19/86-02/19/87	5	2.	2.6	4.	2.	0.8	0.894	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	08/19/86-02/19/87	5 ##	0.25	0.4	1.	0.25	0.113	0.335	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/19/86-02/19/87	5 ##	0.5	1.1	2.	0.5	0.675	0.822	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/19/86-02/19/87	5	16.	36.4	113.	4.	1970.3	44.388	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	08/19/86-02/19/87	5	66.	73.4	116.	45.	855.3	29.246	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	08/19/86-02/19/87	5	8.	8.4	13.	5.	8.8	2.966	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	08/19/86-02/19/87	5	6.	5.6	10.	2.5	10.175	3.19	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	08/19/86-02/19/87	5	1.	1.8	6.	0.5	5.575	2.361	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/19/86-02/19/87	5	33.	41.2	81.	5.	809.2	28.446	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/03/82-04/10/87	38	790.	3116.579	24000.	10.	27700444.737	5263.121	74.	215.	3500.	9880.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/03/82-04/10/87	38	2.898	2.892	4.38	1.	0.723	0.85	1.843	2.329	3.544	3.988
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			779.794								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/03/82-04/10/87	38	170.	389.474	2200.	10.	225059.175	474.404	19.	50.	722.5	841.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/03/82-04/10/87	38	2.23	2.225	3.342	1.	0.422	0.649	1.271	1.699	2.858	2.919
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			167.794								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	08/22/86-02/19/87	2	0.5	0.5	1.	0.	0.5	0.707	**	**	**	**
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	08/22/86-02/19/87	2	0.5	0.5	1.	0.	0.5	0.707	**	**	**	**
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	08/22/86-02/19/87	2	1.5	1.5	3.	0.	4.5	2.121	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	08/19/86-02/19/87	5	0.1	0.24	0.7	0.1	0.068	0.261	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0370

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	34	0	0.00	8	0	0.00	16	0	0.00	10	0	0.00			
01002	ARSENIC, TOTAL	Marine Acute	69.	5	0	0.00	3	0	0.00	2	0	0.00						
01027	CADMIUM, TOTAL	Marine Acute	43.	5	0	0.00	3	0	0.00	2	0	0.00						
01042	COPPER, TOTAL	Marine Acute	2.9	5	5	1.00	3	3	1.00	2	2	1.00						
01051	LEAD, TOTAL	Marine Acute	220.	5	0	0.00	3	0	0.00	2	0	0.00						
01067	NICKEL, TOTAL	Marine Acute	75.	5	0	0.00	3	0	0.00	2	0	0.00						
01077	SILVER, TOTAL	Marine Acute	0.12	3 &	3	1.00	2	2	1.00	1	1	1.00						
01092	ZINC, TOTAL	Marine Acute	95.	5	0	0.00	3	0	0.00	2	0	0.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	38	18	0.47	6	1	0.17	18	9	0.50	14	8	0.57			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	38	17	0.45	6	2	0.33	18	7	0.39	14	8	0.57			
71900	MERCURY, TOTAL	Marine Acute	2.1	5	0	0.00	3	0	0.00	2	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0371

NPS Station ID: GATE0371
LAT/LON: 40.473615/ -74.048338
Agency: 1111H030
Date Created: / /
Location: RARITAN BAY (17)
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): 402825007402540/017 /17
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030104
Depth of Water: 26
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-N.Y. METROPOLI
ECO Region:
RF1 Index: 02030104
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0371

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/07/62-08/02/67	82	17.1	14.906	26.7	0.1	58.347	7.638	2.12	7.7	21.425	22.57
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/07/62-11/08/65	74	19.	16.905	34.	0.	86.58	9.305	2.	8.	24.	28.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/23/63-09/10/63	5	33400.	33440.	35600.	32000.	2148000.	1465.606	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/07/62-08/02/67	79	8.5	8.852	13.9	4.6	4.945	2.224	6.1	6.9	10.5	11.9
00310	BOD, 5 DAY, 20 DEG C MG/L	03/26/63-11/08/65	12	2.7	3.208	9.4	0.9	5.757	2.399	0.99	1.25	4.45	8.05
00400	PH (STANDARD UNITS)	02/06/64-08/13/64	4	7.7	7.75	8.	7.6	0.03	0.173	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/06/64-08/13/64	4	7.7	7.727	8.	7.6	0.031	0.175	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/06/64-08/13/64	4	0.02	0.019	0.025	0.01	0.	0.006	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/21/63-09/15/65	14	0.04	0.034	0.05	0.01	0.	0.011	0.015	0.028	0.04	0.045
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/05/63-09/15/65	18	0.115	0.129	0.39	0.02	0.007	0.082	0.047	0.085	0.16	0.237
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/05/63-09/15/65	18	0.305	0.369	0.97	0.1	0.045	0.211	0.181	0.23	0.45	0.763
00940	CHLORIDE,TOTAL IN WATER MG/L	08/07/62-09/15/65	68	14300.	14229.853	16000.	9600.	1217028.336	1103.19	13280.	13712.5	15000.	15500.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/07/62-11/08/65	51	90.	245.49	2200.	4.	163245.215	404.036	11.2	30.	260.	728.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/07/62-11/08/65	51	1.954	1.965	3.342	0.602	0.419	0.647	1.041	1.477	2.415	2.86
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			92.247								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/07/62-09/10/63	57	240.	485.281	2400.	2.	310279.813	557.028	20.	79.	540.	1600.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/07/62-09/10/63	57	2.38	2.326	3.38	0.301	0.451	0.671	1.301	1.898	2.732	3.204
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			211.904								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/07/62-09/10/63	51	130.	284.804	1600.	2.	180966.001	425.401	5.4	20.	350.	920.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/07/62-09/10/63	51	2.114	1.906	3.204	0.301	0.652	0.808	0.728	1.301	2.544	2.964
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			80.623								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/63-11/04/64	32	10.	28.031	370.	2.	4192.289	64.748	2.	2.5	27.	55.2
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/63-11/04/64	32	1.	1.027	2.568	0.301	0.331	0.575	0.301	0.376	1.43	1.738
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			10.648								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/07/62-08/13/64	67	8.	108.612	2300.	2.	153630.423	391.957	2.	2.	28.	120.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/07/62-08/13/64	67	0.903	1.06	3.362	0.301	0.575	0.758	0.301	0.301	1.447	2.06
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			11.469								
70305	SALINITY BASED ON CONDUCTIVITY	07/26/67-08/02/67	2	24.85	24.85	25.9	23.8	2.205	1.485	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0371

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	79	0	0.00	30	0	0.00	21	0	0.00	28	0	0.00			
00400	PH	Other-Hi Lim.	9.	4	0	0.00	2	0	0.00	2	0	0.00						
		Other-Lo Lim.	6.5	4	0	0.00	2	0	0.00	2	0	0.00						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	51	3	0.06	25	0	0.00	14	2	0.14	12	1	0.08			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	57	8	0.14	26	4	0.15	13	2	0.15	18	2	0.11			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	51	20	0.39	20	7	0.35	13	6	0.46	18	7	0.39			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	32	1	0.03	6	0	0.00	6	0	0.00	20	1	0.05			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1962 - Station GATE0371

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/07/62-08/02/67	28	17.2	16.161	23.8	0.6	47.603	6.9	3.51	15.25	21.9	22.56
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/07/62-11/08/65	25	18.	16.44	27.	1.	70.423	8.392	1.6	10.5	22.5	25.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1963 - Station GATE0371

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/07/62-08/02/67	33	18.6	14.864	24.6	0.1	58.617	7.656	0.82	8.1	21.45	22.24
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/07/62-11/08/65	30	20.	19.433	34.	0.	105.564	10.274	1.3	11.75	28.	30.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1964 - Station GATE0371

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/07/62-08/02/67	10	13.95	12.69	26.7	1.7	76.321	8.736	1.77	4.125	21.1	26.17
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/07/62-11/08/65	10	16.5	14.	27.	2.	86.667	9.309	2.1	3.	21.	26.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1965 - Station GATE0371

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/07/62-08/02/67	9	9.2	11.689	25.5	2.	67.371	8.208	2.	3.75	18.5	25.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/07/62-11/08/65	9	10.	13.	25.	4.	46.25	6.801	4.	8.	18.5	25.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1967 - Station GATE0371

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/07/62-08/02/67	2	23.6	23.6	24.5	22.7	1.62	1.273	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0372

NPS Station ID: GATE0372 LAT/LON: 40.470559/ -74.049448 Agency: 21NJDEP1 Date Created: 08/22/81
Location: RARITAN BAY FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): L7016737211 /80 /SF01023
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02030104 Depth of Water: 24 Aquifer:
Major Basin: NORTHEAST MAJOR BASIN Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA ECO Region:
RF1 Index: 02030104 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J. TIDE CORRECTION (H/L): (-0:01/ 0:00)
ASSOCIATED NOAA WEATHER STATION: 7865

Parameter Inventory for Station: GATE0372

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/01/75-02/28/92	55	18.	15.656	25.	2.7	58.332	7.638	2.96	9.5	22.	24.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-02/28/92	132	22.	19.424	36.	-2.	83.036	9.112	6.	11.	27.	30.
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-02/28/92	140	4.	5.207	20.	0.	18.698	4.324	1.	2.	8.	11.9
00480	SALINITY - PARTS PER THOUSAND	03/15/82-11/16/82	15	23.7	24.353	29.9	20.2	8.23	2.869	20.56	22.1	25.9	29.42
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-03/12/90	112	93.	676.746	24000.	1.5	6502153.275	2549.932	15.	23.	240.	2010.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-03/12/90	112	1.968	1.978	4.38	0.176	0.687	0.829	1.176	1.362	2.38	3.279
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			95.024								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-03/12/90	111	15.	194.432	11000.	1.5	1185392.839	1088.757	1.5	4.	43.	226.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-03/12/90	111	1.176	1.262	4.041	0.176	0.581	0.762	0.176	0.602	1.633	2.354
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			18.273								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/09/90-02/28/92	15 ##	1.5	16.36	150.	1.5	1483.485	38.516	1.5	1.5	9.1	85.8
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	05/09/90-02/28/92	15 ##	0.176	0.628	2.176	0.176	0.398	0.631	0.176	0.176	0.959	1.851
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			4.25								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-02/28/92	145	11029.	6532.517	11600.	1019.	24840373.779	4984.012	1217.	1326.	11240.5	11438.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0372

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	112	15	0.13	35	3	0.09	27	5	0.19	50	7	0.14			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	111	12	0.11	35	4	0.11	26	3	0.12	50	5	0.10			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1975 - Station GATE0372

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-02/28/92	7	7.	6.714	10.	2.	11.905	3.45	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-03/12/90	10	350.	570.2	2400.	9.	503894.4	709.855	17.4	203.25	620.	2270.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-03/12/90	10	2.521	2.447	3.38	0.954	0.426	0.653	1.056	2.277	2.757	3.346
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			280.107								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-03/12/90	10	9.	129.8	1100.	4.	116981.956	342.026	4.	4.	55.5	999.3
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-03/12/90	10	0.954	1.267	3.041	0.602	0.6	0.775	0.602	0.602	1.717	2.934
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			18.51								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-02/28/92	10	11030.	7222.5	11600.	1130.	26449029.167	5142.862	1140.	1241.25	11178.75	11581.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GATE0372

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-02/28/92	16	23.5	24.563	33.	19.	15.063	3.881	19.7	22.	26.	30.9
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-02/28/92	13	3.	4.538	10.	1.	11.603	3.406	1.	2.	7.5	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-03/12/90	15	43.	275.467	2400.	9.	369627.267	607.97	12.6	23.	240.	1236.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-03/12/90	15	1.633	1.86	3.38	0.954	0.471	0.687	1.087	1.362	2.38	2.95
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			72.499								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-03/12/90	15	15.	188.133	2400.	3.	375478.41	612.763	3.6	4.	75.	1015.8
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-03/12/90	15	1.176	1.319	3.38	0.477	0.618	0.786	0.552	0.602	1.875	2.533
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			20.864								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-02/28/92	15	1515.	5378.333	11515.	1230.	25293673.81	5029.282	1230.	1430.	11230.	11464.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station GATE0372

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-02/28/92	7	24.	26.571	34.	20.	31.619	5.623	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-02/28/92	7	5.	5.143	9.	2.	5.476	2.34	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-03/12/90	7	43.	303.214	1100.	1.5	165592.155	406.93	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-03/12/90	7	1.633	1.855	3.041	0.176	1.015	1.007	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			71.639								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-03/12/90	7	9.	46.714	240.	1.5	7478.155	86.476	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-03/12/90	7	0.954	1.091	2.38	0.176	0.624	0.79	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.327								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-02/28/92	7	1500.	4258.571	11530.	1245.	23683439.286	4866.563	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station GATE0372

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-02/28/92	7	25.	25.143	30.	20.	10.81	3.288	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-02/28/92	7	5.	4.429	7.	1.	3.619	1.902	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-03/12/90	7	16.	86.643	460.	1.5	28089.393	167.599	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-03/12/90	7	1.204	1.282	2.663	0.176	0.688	0.83	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			19.162								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-03/12/90	7	4.	21.214	93.	1.5	1231.071	35.087	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-03/12/90	7	0.602	0.762	1.968	0.176	0.549	0.741	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.782								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-02/28/92	7	1515.	4256.429	11445.	1245.	23415205.952	4838.926	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station GATE0372

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-02/28/92	26	15.5	14.731	32.	4.	79.305	8.905	4.7	6.	24.25	27.6
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-02/28/92	26	8.	8.923	20.	1.	34.394	5.865	2.	3.75	15.	16.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-03/12/90	19	93.	704.	4600.	15.	1456611.667	1206.902	15.	15.	1100.	2400.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-03/12/90	19	1.968	2.174	3.663	1.176	0.735	0.857	1.176	1.176	3.041	3.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			149.286								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-03/12/90	18	15.	46.611	240.	4.	4793.31	69.234	6.7	13.5	45.75	213.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-03/12/90	18	1.176	1.357	2.38	0.602	0.242	0.492	0.821	1.121	1.636	2.328
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			22.742								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-02/28/92	26	11138.5	7059.923	11456.	1210.	25374198.874	5037.281	1210.7	1311.25	11315.25	11439.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station GATE0372

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-02/28/92	6	10.5	10.667	23.	3.	52.267	7.23	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-02/28/92	7	2.	3.143	7.	1.	5.143	2.268	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-03/12/90	7	150.	177.	430.	15.	18508.667	136.047	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-03/12/90	7	2.176	2.091	2.633	1.176	0.22	0.469	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			123.296								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-03/12/90	7	36.	44.	91.	9.	1134.667	33.685	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-03/12/90	7	1.556	1.52	1.959	0.954	0.138	0.372	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			33.093								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-02/28/92	7	11107.	7044.857	11504.	1157.	28191224.476	5309.541	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GATE0372

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-02/28/92	14	25.	18.5	35.	-2.	152.423	12.346	4.5	8.	28.25	32.5
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-02/28/92	14	2.	2.857	9.	1.	6.286	2.507	1.	1.	3.5	8.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-03/12/90	12	120.5	1429.917	11000.	15.	9875870.811	3142.59	15.	36.	1987.5	8420.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-03/12/90	12	2.068	2.266	4.041	1.176	0.909	0.954	1.176	1.556	3.254	3.843
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			184.602								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-03/12/90	12	## 25.5	1150.25	11000.	15.	10083438.386	3175.443	15.	15.	135.25	8420.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-03/12/90	12	## 1.366	1.81	4.041	1.176	0.922	0.96	1.176	1.176	2.122	3.843
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			64.638								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-02/28/92	14	11085.	6999.143	11450.	1112.	26439533.824	5141.939	1166.	1302.	11350.25	11448.

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Annual Analysis for 1986 - Station GATE0372

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-02/28/92	13	23.	21.154	36.	5.	91.808	9.582	6.6	13.5	29.5	34.4
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-02/28/92	13	3.	2.923	10.	0.	6.91	2.629	0.4	1.	4.	8.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-03/12/90	10	93.	2496.4	24000.	7.	57092760.044	7555.975	10.6	43.	230.	21623.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-03/12/90	10	1.968	2.12	4.38	0.845	0.826	0.909	0.924	1.633	2.362	4.178
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			131.942								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-03/12/90	10	23.	47.65	230.	1.5	4860.892	69.72	1.75	6.25	55.5	216.3
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-03/12/90	10	1.362	1.29	2.362	0.176	0.431	0.657	0.219	0.784	1.717	2.322
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			19.49								

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Annual Analysis for 1986 - Station GATE0372

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-02/28/92	13	11104.	7407.154	11453.	1215.	25146943.474	5014.673	1228.2	1338.5	11201.5	11447.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GATE0372

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-02/28/92	11	18.	18.182	30.	5.	87.164	9.336	5.4	11.	29.	30.
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-02/28/92	14	4.	5.286	15.	1.	18.374	4.286	1.	1.75	8.5	12.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-03/12/90	11	43.	73.045	230.	1.5	6961.423	83.435	1.8	21.	93.	230.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-03/12/90	11	1.633	1.511	2.362	0.176	0.483	0.695	0.236	1.322	1.968	2.362
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			32.47								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-03/12/90	11	4.	33.591	230.	1.5	4498.791	67.073	1.5	1.5	43.	192.6
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-03/12/90	11	0.602	0.943	2.362	0.176	0.541	0.736	0.176	0.176	1.633	2.216
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.776								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-02/28/92	14	11115.5	7739.571	11527.	1232.	24567116.418	4956.523	1243.	1394.5	11432.5	11492.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GATE0372

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-02/28/92	8	21.	19.875	32.	6.	79.268	8.903	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-02/28/92	8	3.5	5.	12.	1.	15.429	3.928	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-03/12/90	7	23.	371.286	2400.	4.	801122.905	895.055	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-03/12/90	7	1.362	1.635	3.38	0.602	0.768	0.876	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			43.141								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-03/12/90	7	4.	68.286	430.	1.5	25507.155	159.71	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-03/12/90	7	0.602	0.943	2.633	0.176	0.766	0.875	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.775								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-02/28/92	8	11182.	8733.75	11406.	1146.	21494144.786	4636.178	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0372

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-02/28/92	7	16.	19.714	29.	12.	52.905	7.274	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-02/28/92	7	5.	7.	14.	1.	20.333	4.509	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-03/12/90	5	93.	567.8	2400.	23.	1054685.7	1026.979	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-03/12/90	5	1.968	2.208	3.38	1.362	0.557	0.746	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			161.483								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-03/12/90	5	4.	95.7	460.	1.5	41480.7	203.668	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-03/12/90	5	0.602	0.999	2.663	0.176	0.941	0.97	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.987								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-02/28/92	7	1410.	5519.571	11342.	1019.	28415558.286	5330.625	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0372

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-02/28/92	9	20.	19.111	27.	7.	67.611	8.223	7.	11.	27.	27.
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-02/28/92	9	2.	3.333	10.	1.	11.5	3.391	1.	1.	6.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-03/12/90	2	126.5	126.5	230.	23.	21424.5	146.371	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-03/12/90	2	1.862	1.862	2.362	1.362	0.5	0.707	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			72.732								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-03/12/90	2	117.	117.	230.	4.	25538.	159.806	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-03/12/90	2	1.482	1.482	2.362	0.602	1.548	1.244	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			30.332								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-02/28/92	9	1353.	4544.667	11116.	1119.	24096991.75	4908.869	1119.	1206.5	11075.	11116.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0372

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-02/28/92	6	27.	23.667	31.	10.	65.067	8.066	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-02/28/92	6	2.5	2.667	5.	1.	2.667	1.633	**	**	**	**
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-02/28/92	6	1326.5	4541.833	11228.	1119.	26040503.767	5102.99	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0372

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-02/28/92	2	8.5	8.5	9.	8.	0.5	0.707	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-02/28/92	2	7.5	7.5	12.	3.	40.5	6.364	**	**	**	**
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-02/28/92	2	11271.5	11271.5	11517.	11026.	120540.5	347.189	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0372

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/01/75-02/28/92	18	22.	21.194	25.	17.	6.092	2.468	17.	19.5	22.625	25.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-02/28/92	45	24.	23.622	34.	10.	27.059	5.202	16.	20.	27.	29.4
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-02/28/92	45	4.	4.844	12.	1.	9.725	3.119	1.	3.	7.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-03/12/90	35	43.	256.471	2400.	1.5	332104.749	576.285	10.6	15.	230.	716.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-03/12/90	35	1.633	1.747	3.38	0.176	0.57	0.755	0.946	1.176	2.362	2.814
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			55.873								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-03/12/90	35	15.	118.743	2400.	1.5	165749.005	407.123	3.	9.	43.	234.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-03/12/90	35	1.176	1.346	3.38	0.176	0.492	0.702	0.477	0.954	1.633	2.369
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			22.207								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-02/28/92	47	1530.	6003.17	11530.	1119.	25160414.449	5016.016	1214.	1335.	11244.	11451.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0372

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/01/75-02/28/92	9	2.9	3.667	9.2	2.7	4.382	2.093	2.7	2.8	3.4	9.2
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-02/28/92	37	7.	7.514	15.	-2.	12.201	3.493	4.	5.	10.	12.4
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-02/28/92	37	4.	5.946	20.	1.	31.497	5.612	1.	1.5	9.	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-03/12/90	27	230.	596.926	4600.	15.	1186161.456	1089.11	21.	36.	430.	2400.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-03/12/90	27	2.362	2.217	3.663	1.176	0.506	0.711	1.322	1.556	2.633	3.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			164.781								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-03/12/90	26	26.5	136.865	2400.	1.5	217069.411	465.907	1.5	7.75	51.	230.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-03/12/90	26	1.419	1.365	3.38	0.176	0.566	0.753	0.176	0.866	1.694	2.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			23.172								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-02/28/92	37	11105.	6959.514	11517.	1019.	25110338.59	5011.022	1218.	1315.	11308.	11442.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0372

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/01/75-02/28/92	28	17.9	15.95	25.	4.4	43.075	6.563	5.48	10.3	21.525	24.1
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-02/28/92	50	26.	24.46	36.	13.	39.549	6.289	15.05	19.25	29.25	32.
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-02/28/92	58	3.5	5.017	15.	0.	17.701	4.207	1.	2.	8.	12.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-03/12/90	50	93.	1014.04	24000.	1.5	13623771.294	3691.039	9.	21.25	460.	2270.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-03/12/90	50	1.968	2.01	4.38	0.176	0.821	0.906	0.954	1.322	2.663	3.346
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			102.372								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-03/12/90	50	9.	277.35	11000.	1.5	2422460.605	1556.426	1.5	4.	43.	198.3
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-03/12/90	50	0.954	1.149	4.041	0.176	0.65	0.806	0.176	0.602	1.633	2.287
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			14.089								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-02/28/92	61	11045.	6681.377	11600.	1112.	24906583.539	4990.65	1218.	1319.5	11230.	11414.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0373

NPS Station ID: GATE0373
LAT/LON: 40.606670/ -74.049448
Agency: 1111H030
Date Created: / /
Location: RARITAN BAY (103)
FIPS State/County: 36085 NEW YORK/RICHMOND
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): 403624007402580/103
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02030104
Depth of Water: 80
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-N.Y. METROPOLI
ECO Region:
RF1 Index: 02030104
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0373

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/01/62-03/20/68	118	19.55	16.905	27.	1.5	31.055	5.573	8.68	12.575	20.5	21.41
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/01/62-09/20/66	113	24.	22.204	36.	0.	67.842	8.237	8.	17.5	27.	32.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/24/66-09/20/66	8	3.4	3.375	6.3	0.9	2.999	1.732	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/12/63-09/20/63	14	31000.	31235.714	33400.	28800.	2085549.451	1444.143	29300.	30000.	32625.	33200.
00300	OXYGEN, DISSOLVED MG/L	08/01/62-03/20/68	69	5.5	5.587	10.1	1.2	3.481	1.866	3.5	4.15	6.25	8.5
00310	BOD, 5 DAY, 20 DEG C MG/L	08/01/62-03/20/68	52	2.	2.067	3.8	0.7	0.43	0.656	1.23	1.6	2.575	2.9
00340	COD, .25N K2CR2O7 MG/L	10/13/64-09/20/66	21	122.	123.429	218.	13.	3327.457	57.684	21.2	88.5	177.	191.4
00380	CHLORINE DEMAND, 24 HOUR (MG/L)	01/06/65-01/06/65	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	06/27/63-09/20/66	47	7.2	7.281	8.2	6.2	0.143	0.379	6.8	7.	7.5	7.8
00400	CONVERTED PH (STANDARD UNITS)	06/27/63-09/20/66	47	7.2	7.113	8.2	6.2	0.172	0.415	6.8	7.	7.5	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/27/63-09/20/66	47	0.063	0.077	0.631	0.006	0.009	0.095	0.016	0.032	0.1	0.158
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/23/66-08/23/66	3	0.3	0.31	0.39	0.24	0.006	0.075	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/27/63-09/20/66	62	0.045	0.044	0.1	0.01	0.	0.018	0.02	0.03	0.05	0.067
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/27/63-09/20/66	59	0.12	0.138	0.42	0.	0.008	0.091	0.03	0.08	0.2	0.28
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/26/66-09/20/66	9	0.86	0.784	1.05	0.15	0.068	0.261	0.15	0.725	0.935	1.05
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/26/66-03/20/68	7	0.43	0.46	0.71	0.26	0.018	0.136	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/27/63-09/20/66	62	0.57	0.588	1.19	0.2	0.031	0.177	0.38	0.488	0.658	0.839
00940	CHLORIDE,TOTAL IN WATER MG/L	08/01/62-09/20/66	84	14000.	13996.786	16800.	8200.	1743197.978	1320.302	12450.	13225.	15000.	15650.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/01/62-03/20/68	69	23000.	57260.87	380000.	200.	6838194475.703	82693.376	5100.	8550.	58000.	200000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/01/62-03/20/68	69	4.362	4.395	5.58	2.301	0.358	0.598	3.708	3.932	4.763	5.301
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			24839.896								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/31/62-06/28/63	43	33000.	51120.698	540000.	790.	8909117563.787	94388.122	6040.	13000.	46000.	79000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/31/62-06/28/63	43	4.519	4.404	5.732	2.898	0.259	0.509	3.777	4.114	4.663	4.898
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			25337.953								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/31/62-06/28/63	43	7900.	13620.698	110000.	490.	362114135.216	19029.297	2300.	3500.	14000.	30600.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/31/62-06/28/63	43	3.898	3.889	5.041	2.69	0.212	0.461	3.362	3.544	4.146	4.479
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7749.35								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/27/63-03/20/68	81	6800.	12589.877	61000.	680.	183635101.235	13551.203	1840.	3300.	18500.	29000.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/27/63-03/20/68	81	3.833	3.871	4.785	2.833	0.214	0.463	3.264	3.519	4.267	4.462
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			7434.568								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/01/62-09/20/66	98	825.	1666.673	34000.	10.	13605417.48	3688.552	119.	285.	2025.	3000.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/01/62-09/20/66	98	2.916	2.832	4.531	1.	0.372	0.61	2.075	2.455	3.306	3.477
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			678.882								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	10/13/64-09/20/66	22	4.	7.818	48.	0.	132.251	11.5	0.	0.75	8.	24.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0373

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	8	0	0.00	2	0	0.00	2	0	0.00	4	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	69	13	0.19	33	12	0.36	27	0	0.00	9	1	0.11			
00400	PH	Other-Hi Lim.	9.	47	0	0.00	5	0	0.00	8	0	0.00	34	0	0.00			
		Other-Lo Lim.	6.5	47	1	0.02	5	0	0.00	8	1	0.13	34	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	69	68	0.99	34	33	0.97	26	26	1.00	9	9	1.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	43	42	0.98	4	4	1.00	14	13	0.93	25	25	1.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	43	43	1.00	4	4	1.00	14	14	1.00	25	25	1.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	81	81	1.00	19	19	1.00	9	9	1.00	53	53	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1962 - Station GATE0373

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/01/62-03/20/68	28	11.5	14.311	22.6	8.5	31.76	5.636	8.97	9.8	21.2	22.05
00300	OXYGEN, DISSOLVED MG/L	08/01/62-03/20/68	28	5.75	5.482	8.	3.5	1.318	1.148	3.78	4.6	6.2	6.72
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/01/62-03/20/68	28	11000.	57596.429	380000.	3300.10666456653.439		103278.539	3400.	7625.	43000.	300000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/01/62-03/20/68	28	4.04	4.27	5.58	3.519	0.377	0.614	3.531	3.882	4.63	5.477
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			18641.906								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1963 - Station GATE0373

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/01/62-03/20/68	67	19.9	19.524	27.	10.2	5.226	2.286	18.7	19.2	20.4	20.62
00300	OXYGEN, DISSOLVED MG/L	08/01/62-03/20/68	18	4.25	4.589	6.2	3.2	0.809	0.9	3.47	4.075	5.275	6.2
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/01/62-03/20/68	20	46000.	67105.	240000.	8100. 4744525763.158		68880.518	11000.	20750.	77500.	209000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/01/62-03/20/68	20	4.663	4.643	5.38	3.908	0.167	0.408	4.03	4.316	4.887	5.32
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			43921.065								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1964 - Station GATE0373

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/01/62-03/20/68	2	11.9	11.9	15.4	8.4	24.5	4.95	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/01/62-03/20/68	2	6.3	6.3	6.5	6.1	0.08	0.283	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1965 - Station GATE0373

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/01/62-03/20/68	11	14.5	12.591	22.5	1.5	65.141	8.071	1.9	5.	22.	22.5
00300	OXYGEN, DISSOLVED MG/L	08/01/62-03/20/68	11	5.7	6.409	10.1	3.	5.717	2.391	3.	4.7	8.5	9.88
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/01/62-03/20/68	11	46000.	62090.909	290000.	200. 6752378909.091		82172.86	1560.	7800.	64000.	254000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/01/62-03/20/68	11	4.663	4.383	5.462	2.301	0.7	0.837	2.61	3.892	4.806	5.378
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			24159.584								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1966 - Station GATE0373

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/01/62-03/20/68	9	14.	13.289	23.5	2.5	71.336	8.446	2.5	3.85	21.2	23.5
00300	OXYGEN, DISSOLVED MG/L	08/01/62-03/20/68	9	6.1	6.267	10.	1.2	10.085	3.176	1.2	3.7	9.8	10.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/01/62-03/20/68	9	20000.	34355.556	110000.	5100. 1197075277.778		34598.776	5100.	8550.	56500.	110000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/01/62-03/20/68	9	4.301	4.336	5.041	3.708	0.205	0.453	3.708	3.932	4.752	5.041
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			21666.531								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1968 - Station GATE0373

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/01/62-03/20/68	1	4.1	4.1	4.1	4.1	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/01/62-03/20/68	1	9.9	9.9	9.9	9.9	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/01/62-03/20/68	1	4000.	4000.	4000.	4000.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/01/62-03/20/68	1	3.602	3.602	3.602	3.602	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4000.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0374

NPS Station ID: GATE0374
LAT/LON: 40.456670/ -74.050004
Agency: 21NJDEP1
Date Created: 11/01/80
Location: SANDY HOOK BAY AT EARLE AMM DEP
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): L7014537127 /SHB16 /RT040
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST MAJOR BASIN
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA
ECO Region:
RF1 Index: 02030104
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0374

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/75-09/10/79	76	21.	18.751	36.6	-1.	61.797	7.861	6.1	16.	24.	27.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/30/75-09/10/79	69	24.	21.413	36.6	0.	76.336	8.737	6.	18.5	26.85	30.9
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/31/75-09/10/79	76	6.	7.947	57.	1.	66.477	8.153	3.	5.	8.75	13.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	07/30/75-07/26/79	54	36.	40.352	108.	1.	265.327	16.289	24.	36.	48.	54.
00080	COLOR (PLATINUM-COBALT UNITS)	07/30/75-09/10/79	82	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/13/76-09/10/79	72	8.25	8.8	14.5	3.1	6.972	2.64	5.83	6.85	10.9	12.55
00300	OXYGEN, DISSOLVED MG/L	07/30/75-09/10/79	82	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00310	BOD, 5 DAY, 20 DEG C MG/L	04/13/76-09/10/79	63	3.	3.571	12.	0.25	5.884	2.426	1.	2.	4.	7.
00312	BOD, 6 DAY, 20 DEG C MG/L	07/30/75-09/10/79	82	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00315	BOD, 7 DAY, 20 DEG C MG/L	07/30/75-09/10/79	82	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00400	PH (STANDARD UNITS)	07/31/75-09/10/79	79	7.8	7.858	8.7	4.8	0.231	0.481	7.5	7.6	8.1	8.4
00400	CONVERTED PH (STANDARD UNITS)	07/31/75-09/10/79	79	7.8	6.664	8.7	4.8	1.676	1.295	7.5	7.6	8.1	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/75-09/10/79	79	0.016	0.217	15.849	0.002	3.173	1.781	0.004	0.008	0.025	0.032
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/31/75-09/10/79	79	103.	102.582	136.	20.	189.631	13.771	91.	98.	110.	116.
00480	SALINITY - PARTS PER THOUSAND	07/31/75-08/09/79	54	22.1	22.539	38.7	13.5	34.436	5.868	15.	18.25	26.25	30.85
00510	RESIDUE, TOTAL FIXED (MG/L)	08/07/75-05/21/79	4	2.5	3.	5.	2.	2.	1.414	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/31/75-09/10/79	79	0.5	0.59	2.1	0.	0.282	0.531	0.05	0.2	0.8	1.5
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/31/75-09/10/79	79	0.035	0.051	0.35	0.004	0.003	0.054	0.015	0.022	0.06	0.095
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	07/31/75-09/10/79	79	0.28	0.312	0.96	0.09	0.027	0.163	0.12	0.2	0.4	0.5
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/30/75-09/10/79	80	0.18	0.189	0.42	0.005	0.01	0.099	0.07	0.113	0.258	0.339
00940	CHLORIDE,TOTAL IN WATER MG/L	07/31/75-09/10/79	73	15000.	15387.671	25500.	6000.	12476998.668	3532.28	10700.	13500.	17500.	19800.
00956	SILICA, TOTAL (MG/L AS SI02)	01/31/79-09/10/79	14	1.	1.161	2.	0.	0.362	0.601	0.125	1.	1.625	2.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/13/76-09/10/79	73	80.	328.767	3500.	10.	394927.626	628.433	10.	20.	330.	1220.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/13/76-09/10/79	73	1.903	1.947	3.544	1.	0.524	0.724	1.	1.301	2.519	3.085
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			88.593								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/13/76-09/10/79	73 ##	10.	66.438	1300.	10.	28170.472	167.841	10.	10.	50.	170.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/13/76-09/10/79	73 ##	1.	1.376	3.114	1.	0.272	0.522	1.	1.	1.699	2.23
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			23.768								
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	04/13/76-09/10/79	73	4.	50.384	920.	1.	19017.379	137.904	1.	1.	22.	184.
31677	LOG FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678	04/13/76-09/10/79	73	0.602	0.798	2.964	0.	0.704	0.839	0.	0.	1.342	2.251
31677	GM FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	GEOMETRIC MEAN =			6.279								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	07/30/75-04/17/78	24	11145.	7126.25	11545.	1030.	25476611.413	5047.436	1130.	1255.	11330.	11465.
74010	IRON, TOTAL (MG/L AS FE)	05/17/79-09/10/79	9	0.02	0.054	0.12	0.	0.003	0.053	0.	0.01	0.11	0.12
82028	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI(CAL)	04/13/76-08/09/79	44	7.5	10.691	85.	0.04	281.207	16.769	0.1	0.925	10.	29.5
82028	LOG RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI(	04/13/76-08/09/79	44	0.849	0.507	1.929	-1.398	0.76	0.872	-1.	-0.034	1.	1.462
82028	GM RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI(C	GEOMETRIC MEAN =			3.211								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0374

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	76	1	0.01	28	0	0.00	11	1	0.09	37	0	0.00			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	72	2	0.03	25	2	0.08	12	0	0.00	35	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	82	82	1.00	28	28	1.00	12	12	1.00	42	42	1.00			
00400	PH	Other-Hi Lim.	8.5	79	5	0.06	28	2	0.07	12	1	0.08	39	2	0.05			
		Other-Lo Lim.	6.5	79	1	0.01	28	1	0.04	12	0	0.00	39	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	73	8	0.11	25	4	0.16	12	2	0.17	36	2	0.06			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	73	5	0.07	25	2	0.08	12	2	0.17	36	1	0.03			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1975 - Station GATE0374

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/75-09/10/79	3	26.1	24.6	27.7	20.	16.51	4.063	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/30/75-09/10/79	3	30.5	26.867	31.1	19.	46.503	6.819	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/31/75-09/10/79	2	6.	6.	7.	5.	2.	1.414	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/30/75-09/10/79	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/30/75-09/10/79	3	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00312	BOD, 6 DAY, 20 DEG C MG/L	07/30/75-09/10/79	3	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00315	BOD, 7 DAY, 20 DEG C MG/L	07/30/75-09/10/79	3	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/31/75-09/10/79	2	7.85	7.85	8.5	7.2	0.845	0.919	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/31/75-09/10/79	2	7.48	7.48	8.5	7.2	1.119	1.058	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/75-09/10/79	2	0.033	0.033	0.063	0.003	0.002	0.042	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/31/75-09/10/79	2	109.5	109.5	119.	100.	180.5	13.435	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/31/75-09/10/79	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/31/75-09/10/79	2	0.058	0.058	0.107	0.009	0.005	0.069	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	07/31/75-09/10/79	2	0.18	0.18	0.25	0.11	0.01	0.099	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/30/75-09/10/79	3	0.24	0.213	0.3	0.1	0.011	0.103	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/31/75-09/10/79	2	18250.	18250.	18500.	18000.	125000.	353.553	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station GATE0374

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/75-09/10/79	22	22.25	20.282	25.	1.5	29.636	5.444	12.5	18.75	23.925	24.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/30/75-09/10/79	15	23.	21.333	32.	0.	59.667	7.724	6.	19.	25.	29.6
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/31/75-09/10/79	22	4.5	5.273	15.	1.	13.16	3.628	1.	3.	5.5	12.4
00080	COLOR (PLATINUM-COBALT UNITS)	07/30/75-09/10/79	24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/13/76-09/10/79	18	7.15	8.189	14.5	5.6	6.521	2.554	5.78	6.15	10.425	12.34
00300	OXYGEN, DISSOLVED MG/L	07/30/75-09/10/79	24	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00310	BOD, 5 DAY, 20 DEG C MG/L	04/13/76-09/10/79	15	3.	4.133	12.	1.	8.695	2.949	1.	2.	6.	9.
00312	BOD, 6 DAY, 20 DEG C MG/L	07/30/75-09/10/79	24	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00315	BOD, 7 DAY, 20 DEG C MG/L	07/30/75-09/10/79	24	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00400	PH (STANDARD UNITS)	07/31/75-09/10/79	23	7.8	7.77	8.7	4.8	0.521	0.722	7.44	7.6	8.1	8.4
00400	CONVERTED PH (STANDARD UNITS)	07/31/75-09/10/79	23	7.8	6.152	8.7	4.8	3.255	1.804	7.44	7.6	8.1	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/75-09/10/79	23	0.016	0.704	15.849	0.002	10.9	3.301	0.004	0.008	0.025	0.037
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/31/75-09/10/79	23	101.	99.435	128.	20.	351.075	18.737	93.2	98.	107.	109.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/31/75-09/10/79	23 ##	0.5	0.778	2.	0.5	0.218	0.467	0.5	0.5	1.	1.56
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/31/75-09/10/79	23	0.035	0.042	0.11	0.004	0.001	0.026	0.015	0.02	0.055	0.081
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	07/31/75-09/10/79	23	0.3	0.292	0.6	0.09	0.02	0.142	0.1	0.2	0.4	0.492
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/30/75-09/10/79	23	0.16	0.166	0.34	0.05	0.006	0.078	0.07	0.09	0.22	0.288
00940	CHLORIDE,TOTAL IN WATER MG/L	07/31/75-09/10/79	20	17000.	16425.	25500.	6000.	19901973.684	4461.163	11150.	13500.	18875.	23300.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/13/76-09/10/79	19	220.	620.526	3500.	10.	955238.596	977.363	10.	10.	1100.	2400.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/13/76-09/10/79	19	2.342	2.116	3.544	1.	0.816	0.903	1.	1.	3.041	3.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			130.617								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/13/76-09/10/79	19	20.	128.421	1300.	10.	88525.146	297.532	10.	10.	130.	330.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/13/76-09/10/79	19	1.301	1.528	3.114	1.	0.429	0.655	1.	1.	2.114	2.519
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			33.751								
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	04/13/76-09/10/79	19	17.	80.105	540.	1.	21014.211	144.963	1.	1.	79.	350.
31677	LOG FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678	04/13/76-09/10/79	19	1.23	1.154	2.732	0.	0.868	0.932	0.	0.	1.898	2.544
31677	GM FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	GEOMETRIC MEAN =			14.268								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GATE0374

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/75-09/10/79	20	20.5	16.6	27.	-1.	74.095	8.608	3.05	2.375	22.75	24.9
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/30/75-09/10/79	20	24.	20.85	32.	0.	78.239	8.845	0.9	17.25	26.	27.9
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/31/75-09/10/79	19	7.	8.947	48.	1.	95.942	9.795	4.	5.	10.	10.
00080	COLOR (PLATINUM-COBALT UNITS)	07/30/75-09/10/79	20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/13/76-09/10/79	19	8.7	8.758	14.2	3.1	11.765	3.43	3.7	6.1	11.7	13.4
00300	OXYGEN, DISSOLVED MG/L	07/30/75-09/10/79	20	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00310	BOD, 5 DAY, 20 DEG C MG/L	04/13/76-09/10/79	18	2.	2.444	5.	0.25	1.754	1.324	0.25	2.	3.25	4.1
00312	BOD, 6 DAY, 20 DEG C MG/L	07/30/75-09/10/79	20	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00315	BOD, 7 DAY, 20 DEG C MG/L	07/30/75-09/10/79	20	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00400	PH (STANDARD UNITS)	07/31/75-09/10/79	19	7.9	7.947	8.5	7.5	0.092	0.303	7.6	7.7	8.2	8.4
00400	CONVERTED PH (STANDARD UNITS)	07/31/75-09/10/79	19	7.9	7.858	8.5	7.5	0.1	0.316	7.6	7.7	8.2	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/75-09/10/79	19	0.013	0.014	0.032	0.003	0.	0.008	0.004	0.006	0.02	0.025
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/31/75-09/10/79	19	108.	107.895	136.	81.	146.211	12.092	88.	103.	112.	126.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/31/75-09/10/79	19	0.8	0.963	2.1	0.2	0.382	0.618	0.5	0.5	1.7	2.
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/31/75-09/10/79	19	0.05	0.056	0.15	0.006	0.001	0.035	0.02	0.03	0.075	0.1
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	07/31/75-09/10/79	19	0.28	0.324	0.86	0.11	0.035	0.187	0.12	0.16	0.43	0.58
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/30/75-09/10/79	19	0.18	0.207	0.42	0.03	0.016	0.125	0.05	0.1	0.32	0.4
00940	CHLORIDE,TOTAL IN WATER MG/L	07/31/75-09/10/79	19	17000.	16605.263	21000.	10500.	9071637.427	3011.916	12000.	14500.	19000.	20500.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/13/76-09/10/79	20	130.	205.5	790.	10.	41026.053	202.549	11.	72.5	330.	490.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/13/76-09/10/79	20	2.114	2.072	2.898	1.	0.285	0.534	1.03	1.86	2.519	2.69
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			117.953								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/13/76-09/10/79	20 ##	10.	46.	490.	10.	11709.474	108.21	10.	10.	20.	122.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/13/76-09/10/79	20 ##	1.	1.27	2.69	1.	0.209	0.457	1.	1.	1.301	2.072
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			18.634								
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	04/13/76-09/10/79	20 ##	1.5	18.75	220.	1.	2552.829	50.526	1.	1.	7.	73.4
31677	LOG FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678	04/13/76-09/10/79	20 ##	0.151	0.532	2.342	0.	0.491	0.701	0.	0.	0.845	1.844
31677	GM FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	GEOMETRIC MEAN =			3.405								

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Annual Analysis for 1978 - Station GATE0374

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/75-09/10/79	18	20.5	19.583	36.6	0.	85.458	9.244	2.7	12.875	25.5	29.76
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/30/75-09/10/79	18	24.5	22.556	36.6	0.	95.781	9.787	5.4	16.75	29.25	34.26
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/31/75-09/10/79	19	7.	10.474	57.	3.	142.596	11.941	4.	5.	10.	19.
00080	COLOR (PLATINUM-COBALT UNITS)	07/30/75-09/10/79	21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/13/76-09/10/79	21	8.7	9.081	13.7	5.2	5.68	2.383	5.92	7.55	11.3	12.6
00300	OXYGEN, DISSOLVED MG/L	07/30/75-09/10/79	21	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00310	BOD, 5 DAY, 20 DEG C MG/L	04/13/76-09/10/79	19	3.	3.421	7.	1.	3.146	1.774	1.	2.	4.	7.
00312	BOD, 6 DAY, 20 DEG C MG/L	07/30/75-09/10/79	21	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00315	BOD, 7 DAY, 20 DEG C MG/L	07/30/75-09/10/79	21	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00400	PH (STANDARD UNITS)	07/31/75-09/10/79	21	7.9	7.867	8.6	7.3	0.129	0.36	7.32	7.6	8.15	8.38
00400	CONVERTED PH (STANDARD UNITS)	07/31/75-09/10/79	21	7.9	7.736	8.6	7.3	0.147	0.384	7.32	7.6	8.15	8.38
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/75-09/10/79	21	0.013	0.018	0.05	0.003	0.	0.014	0.004	0.007	0.025	0.048
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/31/75-09/10/79	21	107.	105.095	121.	86.	71.29	8.443	91.2	100.	110.	116.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/31/75-09/10/79	21 ##	0.1	0.341	1.35	0.005	0.143	0.378	0.05	0.05	0.5	0.96
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/31/75-09/10/79	21	0.03	0.039	0.072	0.014	0.	0.019	0.017	0.022	0.054	0.071
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	07/31/75-09/10/79	21	0.28	0.337	0.96	0.13	0.041	0.202	0.132	0.185	0.44	0.604
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/30/75-09/10/79	21	0.2	0.212	0.4	0.005	0.012	0.108	0.07	0.13	0.32	0.356
00940	CHLORIDE,TOTAL IN WATER MG/L	07/31/75-09/10/79	18	14250.	13433.333	15000.	8500.	4309411.765	2075.912	9400.	13000.	15000.	15000.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/13/76-09/10/79	21	20.	71.429	330.	10.	10322.857	101.601	10.	10.	95.	310.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/13/76-09/10/79	21	1.301	1.517	2.519	1.	0.274	0.523	1.	1.	1.972	2.487
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			32.916								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/13/76-09/10/79	21 ##	10.	23.333	80.	10.	583.333	24.152	10.	10.	20.	78.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/13/76-09/10/79	21 ##	1.	1.217	1.903	1.	0.11	0.332	1.	1.	1.301	1.891
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			16.477								

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Annual Analysis for 1978 - Station GATE0374

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	04/13/76-09/10/79	21	2.	21.143	280.	1.	3808.129	61.71	1.	1.	8.	67.8
31677	LOG FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678	04/13/76-09/10/79	21	0.301	0.605	2.447	0.	0.436	0.66	0.	0.	0.903	1.79
31677	GM FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	GEOMETRIC MEAN =			4.025								

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Annual Analysis for 1979 - Station GATE0374

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/75-09/10/79	13	18.5	16.969	28.	2.	68.199	8.258	2.8	11.25	22.6	27.96
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/30/75-09/10/79	13	22.	19.531	30.9	1.5	81.871	9.048	2.9	13.5	26.5	29.74
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/31/75-09/10/79	14	7.	7.643	15.	4.	8.247	2.872	4.5	6.	8.25	13.5
00080	COLOR (PLATINUM-COBALT UNITS)	07/30/75-09/10/79	14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/13/76-09/10/79	14	8.9	9.221	13.4	6.6	3.682	1.919	6.9	7.85	10.8	12.45
00300	OXYGEN, DISSOLVED MG/L	07/30/75-09/10/79	14	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00310	BOD, 5 DAY, 20 DEG C MG/L	04/13/76-09/10/79	11	3.	4.909	12.	2.	10.891	3.3	2.	3.	8.	11.4
00312	BOD, 6 DAY, 20 DEG C MG/L	07/30/75-09/10/79	14	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00315	BOD, 7 DAY, 20 DEG C MG/L	07/30/75-09/10/79	14	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00400	PH (STANDARD UNITS)	07/31/75-09/10/79	14	7.8	7.871	8.6	7.5	0.09	0.3	7.55	7.6	8.025	8.4
00400	CONVERTED PH (STANDARD UNITS)	07/31/75-09/10/79	14	7.8	7.793	8.6	7.5	0.096	0.311	7.55	7.6	8.025	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/75-09/10/79	14	0.016	0.016	0.032	0.003	0.	0.009	0.004	0.009	0.025	0.028
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/31/75-09/10/79	14	93.	95.786	114.	78.	91.566	9.569	82.5	90.25	103.	112.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/31/75-09/10/79	14	0.255	0.232	0.49	0.06	0.018	0.134	0.065	0.108	0.343	0.445
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/31/75-09/10/79	14	0.028	0.079	0.35	0.016	0.013	0.113	0.016	0.018	0.075	0.333
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	07/31/75-09/10/79	14	0.305	0.313	0.53	0.19	0.009	0.093	0.195	0.253	0.36	0.48
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/30/75-09/10/79	14	0.17	0.163	0.31	0.04	0.005	0.07	0.055	0.105	0.2	0.27
00940	CHLORIDE,TOTAL IN WATER MG/L	07/31/75-09/10/79	14	14875.	14357.143	20500.	9750.	10295329.67	3208.634	10125.	11000.	16625.	19000.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/13/76-09/10/79	13	130.	507.692	2400.	10.	543869.231	737.475	14.	45.	1045.	1960.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/13/76-09/10/79	13	2.114	2.204	3.38	1.	0.548	0.741	1.12	1.651	3.006	3.274
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			160.082								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/13/76-09/10/79	13	20.	76.923	220.	10.	6573.077	81.075	10.	10.	170.	200.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/13/76-09/10/79	13	1.301	1.573	2.342	1.	0.332	0.576	1.	1.	2.23	2.298
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			37.409								
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	04/13/76-09/10/79	13	5.	102.846	920.	1.	64649.641	254.263	1.	1.	64.	648.
31677	LOG FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678	04/13/76-09/10/79	13	0.699	0.998	2.964	0.	0.991	0.996	0.	0.	1.794	2.73
31677	GM FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	GEOMETRIC MEAN =			9.947								

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Station Inventory for Station: GATE0375

NPS Station ID: GATE0375
LAT/LON: 40.450004/ -74.050004
Agency: 11BIOACC
Date Created: 05/09/92
Location: SANDY HOOK
FIPS State/County: 37019 NORTH CAROLINA/BRUNSWICK
Station Type: /TYPA/AMBNT/FISH/STREAM
STORET Station ID(s): 3434
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02030104
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0375

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
30344	PENTACHLORODIBENZO-P-DIOXIN,12378,FISH,WET WT,PG/G	08/20/87-08/20/87	1	0.97	0.97	0.97	0.97	0.	0.	**	**	**	**
30345	HEXACHLORODIBENZO-P-DIOXIN,123478,FISH,WET WT,PG/G	08/20/87-08/20/87	1 ##	1.23	1.23	1.23	1.23	0.	0.	**	**	**	**
30346	HEXACHLORODIBENZO-P-DIOXIN,123678,FISH,WET WT,PG/G	08/20/87-08/20/87	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
30347	HEXACHLORODIBENZO-P-DIOXIN,123789,FISH,WET WT,PG/G	08/20/87-08/20/87	1 ##	0.685	0.685	0.685	0.685	0.	0.	**	**	**	**
30348	HEPTACHLORODIBENZO-P-DIOXIN,1234678,TIS,WETWT,PG/G	08/20/87-08/20/87	1	0.69	0.69	0.69	0.69	0.	0.	**	**	**	**
30349	TETRACHLORODIBENZOFURAN, 2378- , FISH,WET WT.,PG/G	08/20/87-08/20/87	1	1.26	1.26	1.26	1.26	0.	0.	**	**	**	**
30350	PENTACHLORODIBENZOFURAN,12378- , FISH,WET WT.,PG/G	08/20/87-08/20/87	1 ##	0.57	0.57	0.57	0.57	0.	0.	**	**	**	**
30351	PENTACHLORODIBENZOFURAN,23478- , FISH,WET WT.,PG/G	08/20/87-08/20/87	1	3.12	3.12	3.12	3.12	0.	0.	**	**	**	**
30352	HEXACHLORODIBENZOFURAN,123478- , FISH,WET WT.,PG/G	08/20/87-08/20/87	1 ##	1.415	1.415	1.415	1.415	0.	0.	**	**	**	**
30353	HEXACHLORODIBENZOFURAN,123678- , FISH,WET WT.,PG/G	08/20/87-08/20/87	1 ##	1.42	1.42	1.42	1.42	0.	0.	**	**	**	**
30354	HEXACHLORODIBENZOFURAN,123789- , FISH,WET WT.,PG/G	08/20/87-08/20/87	1 ##	1.385	1.385	1.385	1.385	0.	0.	**	**	**	**
30355	HEXACHLORODIBENZOFURAN,234678- , FISH,WET WT.,PG/G	08/20/87-08/20/87	1 ##	0.98	0.98	0.98	0.98	0.	0.	**	**	**	**
30356	HEPTACHLORODIBENZOFURAN,1234678- ,FISH,WET WT,PG/G	08/20/87-08/20/87	1 ##	0.72	0.72	0.72	0.72	0.	0.	**	**	**	**
30357	HEPTACHLORODIBENZOFURAN,1234789- ,FISH,WET WT,PG/G	08/20/87-08/20/87	1 ##	1.305	1.305	1.305	1.305	0.	0.	**	**	**	**
34395	HEXACHLOROBUTADIENE WET WGTTISMG/KG	08/20/87-08/20/87	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
34555	1,2,4-TRICHLOROBENZENE WET WGTTISMG/KG	08/20/87-08/20/87	2 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
34685	ENDRIN WET WGTTISMG/KG	08/20/87-08/20/87	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	08/20/87-08/20/87	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
34687	HEPTACHLOR WET WGTTISMG/KG	08/20/87-08/20/87	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
34688	HEXACHLOROBENZENE WET WGTTISMG/KG	08/20/87-08/20/87	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
34754	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN TISWETWTPG/G	08/20/87-08/20/87	1	6.29	6.29	6.29	6.29	0.	0.	**	**	**	**
38824	ISOPROPALIN TISWETWGTMG/KG	08/20/87-08/20/87	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39063	CHLORDANE-CIS ISOMER,TISSUE WET WGT (UG/G)	08/20/87-08/20/87	2	0.012	0.012	0.013	0.011	0.	0.001	**	**	**	**
39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	08/20/87-08/20/87	2	0.007	0.007	0.007	0.006	0.	0.001	**	**	**	**
39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	08/20/87-08/20/87	2 ##	0.003	0.003	0.004	0.002	0.	0.002	**	**	**	**
39319	MONOCHLOROBIPHENYL,TOTAL, TISSUE,WET,WT,MG/KG	08/20/87-08/20/87	2 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39322	P,P'-DDE IN TISSUE WET WGT MG/KG	08/20/87-08/20/87	2	0.08	0.08	0.09	0.07	0.	0.014	**	**	**	**
39335	DICHLOROBIPHENYL,TOTAL, TISSUE,WET,WT,MG/KG	08/20/87-08/20/87	2 ##	0.	0.	0.001	0.	0.	0.	**	**	**	**
39339	TRICHLOROBIPHENYL,TOTAL, TISSUE,WET,WT,MG/KG	08/20/87-08/20/87	2	0.062	0.062	0.084	0.039	0.001	0.032	**	**	**	**
39345	TETRACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	08/20/87-08/20/87	2	0.325	0.325	0.41	0.24	0.014	0.12	**	**	**	**
39347	PENTACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	08/20/87-08/20/87	2	0.311	0.311	0.357	0.264	0.004	0.066	**	**	**	**
39354	HEPTACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	08/20/87-08/20/87	2	0.034	0.034	0.04	0.028	0.	0.008	**	**	**	**
39355	OCTACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	08/20/87-08/20/87	2 ##	0.002	0.002	0.002	0.001	0.	0.001	**	**	**	**
39404	DIELDRIN IN TISSUE WET WGT (UG/G)	08/20/87-08/20/87	2	0.015	0.015	0.02	0.01	0.	0.007	**	**	**	**
39408	NONACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	08/20/87-08/20/87	2 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
39409	DECACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	08/20/87-08/20/87	2 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	08/20/87-08/20/87	2 ##	0.002	0.002	0.003	0.001	0.	0.002	**	**	**	**
46333	PENTACHLORONITROBENZENE (PCNB) IN TISSUE WET MG/KG	08/20/87-08/20/87	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GATE0375

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70977	INSTRUMENT RATIO, LAB/FIELD CONCENTRATIONS, NUMBER	08/20/87-08/20/87	1	8.64	8.64	8.64	8.64	0.	0.	**	**	**	**
71935	MERCURY, TOTAL IN FISH (PPM,WET WEIGHT BASIS)	08/20/87-08/20/87	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
76530	BIPHENYL TISSUE ,WET WGT,MG/KG	08/20/87-08/20/87	2 ##	0.	0.	0.001	0.	0.	0.	**	**	**	**
78907	HEXACHLOROBIPHENYLS IN FISH TISSUE WET WGT. MG/KG	08/20/87-08/20/87	2	0.19	0.19	0.2	0.18	0.	0.014	**	**	**	**
78922	NONACHLOR, TRANS, TISSUE, WET WEIGHT MG/KG	08/20/87-08/20/87	2	0.015	0.015	0.02	0.01	0.	0.007	**	**	**	**
78923	NONACHLOR, CIS, TISSUE, WET WEIGHT MG/KG	08/20/87-08/20/87	2	0.007	0.007	0.007	0.006	0.	0.001	**	**	**	**
79026	1,2,3,4,-TETRACHLOROBENZENE IN FISH WET WGT MG/KG	08/20/87-08/20/87	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
81312	POLYCHLORINATEDBIPHENYLS FISH TISSUE WET WGT MG/KG	08/20/87-08/20/87	2	0.922	0.922	1.083	0.76	0.052	0.228	**	**	**	**
81644	METHOXYCHLOR IN FISH TISSUE,UG/G WET WEIGHT	08/20/87-08/20/87	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
81645	MIREX IN FISH TISSUE WET WEIGHT UG/G	08/20/87-08/20/87	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
81652	TREFLAN IN FISH TISSUE WET WEIGHT MG/KG	08/20/87-08/20/87	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
81807	DURSBAN IN FISH TISSUE WET WEIGHT MG/KG	08/20/87-08/20/87	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
81823	PENTACHLOROANISOLE(PCA)INFISH TISSUE WET WGT MG/KG	08/20/87-08/20/87	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
82029	OXYCHLORDANE IN TISSUE SAMPLE WET WEIGHT MG/KG	08/20/87-08/20/87	2	0.008	0.008	0.008	0.007	0.	0.001	**	**	**	**
85675	TRICHLOROBENZENE,1,3,5- TISSUE,WET,WT,MG/KG	08/20/87-08/20/87	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
85676	TRICHLOROBENZENE,1,2,3- TISSUE,WET,WT,MG/KG	08/20/87-08/20/87	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
85677	TETRACHLOROBENZENE,1,2,4,5- TISSUE,WET,WT,MG/KG	08/20/87-08/20/87	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
85678	TETRACHLOROBENZENE,1,2,3,5- TISSUE,WET,WT,MG/KG	08/20/87-08/20/87	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
85679	PENTACHLOROBENZENE TISSUE,WET,WT,MG/KG	08/20/87-08/20/87	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
85680	DIPHENYL DISULFIDE TISSUE,WET,WT,MG/KG	08/20/87-08/20/87	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
85681	OCTACHLOROSTYRENE TISSUE,WET,WT,MG/KG	08/20/87-08/20/87	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
85682	NITROFEN TISSUE,WET,WT,MG/KG	08/20/87-08/20/87	2 ##	0.001	0.001	0.002	0.	0.	0.001	**	**	**	**
85683	PERTHANE TISSUE,WET,WT,MG/KG	08/20/87-08/20/87	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
85684	DICOFOL (KELTHANE) TISSUE,WET,WT,MG/KG	08/20/87-08/20/87	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GATE0376

NPS Station ID: GATE0376 | LAT/LON: 40.591670/ -74.050004 | Agency: 11NOAMID | Date Created: 11/15/78
Location: RARITAN BAY | FIPS State/County: 36085 NEW YORK/RICHMOND
Station Type: /TYPA/AMBNT/OCEAN | STORET Station ID(s): RARB68
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 02030104 | Depth of Water: 0 | Aquifer:
Major Basin: NORTHEAST | Elevation: 0 | Water Body Id:
Minor Basin: LOWER HUDSON NEW YORK METRO AREA | ECO Region:
RF1 Index: 02030104004 | RF1 Mile Point: 5.930 | Distance from RF1: 0.00 | On/Off RF1: OFF
RF3 Index: 02030202104200.00 | RF3 Mile Point: 0.00 | Distance from RF3: 4.93 | On/Off RF3:
Description:
TRACE METALS IN SEDIMENTS OF RARITAN BAY - GREIG AND MCGRATH - NOAA NATL MAR FISH SERV - MID ATLANTIC COAST FISH CEN MILFORD CT 1973
MARINE POLLUTION BULLETIN VOL 8 NO 8 AUG 1977

Parameter Inventory for Station: GATE0376

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	2 ##	3.25	3.25	5.	1.5	6.125	2.475	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	2	25.	25.	40.	10.	450.	21.213	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	02/01/73-05/01/73	2 ##	27.75	27.75	43.	12.5	465.125	21.567	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	02/01/73-05/01/73	2	42.5	42.5	55.	30.	312.5	17.678	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	2 ##	6.4	6.4	9.3	3.5	16.82	4.101	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	02/01/73-05/01/73	2	71.	71.	95.	47.	1152.	33.941	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GATE0377

NPS Station ID: GATE0377
LAT/LON: 40.556392/ -74.050004
Agency: 1111H030
Date Created: / /
Location: RARITAN BAY (38)
FIPS State/County: 36085 NEW YORK/RICHMOND
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): 403323007403000/038 /38
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030104
Depth of Water: 10
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-N.Y. METROPOLI
ECO Region:
RF1 Index: 02030104
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0377

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/04/64-08/13/64	3	21.3	19.9	24.1	14.3	25.48	5.048	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/04/64-08/13/64	3	19.	19.667	26.	14.	36.333	6.028	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/04/64-08/13/64	3	6.8	6.567	7.5	5.4	1.143	1.069	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	06/04/64-07/29/64	2	3.55	3.55	5.6	1.5	8.405	2.899	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	06/04/64-07/29/64	2	115.5	115.5	128.	103.	312.5	17.678	**	**	**	**
00400	PH (STANDARD UNITS)	08/13/64-08/13/64	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/13/64-08/13/64	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/13/64-08/13/64	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	07/29/64-07/29/64	1	0.58	0.58	0.58	0.58	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/04/64-01/10/93	1	0.54	0.54	0.54	0.54	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/04/64-07/29/64	2	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/04/64-07/29/64	2	0.06	0.06	0.07	0.05	0.	0.014	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/04/64-07/29/64	2	0.61	0.61	0.67	0.55	0.007	0.085	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/04/64-07/29/64	2	14500.	14500.	16100.	12900.	5120000.	2262.742	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/04/64-08/13/64	2	14105.	14105.	28000.	210.	386142050.	19650.497	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/04/64-08/13/64	2	3.385	3.385	4.447	2.322	2.258	1.503	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2424.871								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/04/64-08/13/64	2	490.	490.	950.	30.	423200.	650.538	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/04/64-08/13/64	2	2.227	2.227	2.978	1.477	1.126	1.061	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			168.819								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/04/64-08/13/64	2	19.	19.	28.	10.	162.	12.728	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/04/64-08/13/64	2	1.224	1.224	1.447	1.	0.1	0.316	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			16.733								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0377

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3	0	0.00	1	0	0.00				2	0	0.00			
00400	PH	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	1	0.50	1	1	1.00				1	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	2	1	0.50	1	1	1.00				1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0378

NPS Station ID: GATE0378
LAT/LON: 40.552781/ -74.050004
Agency: 11NOAMID
Date Created: 11/15/78
Location: RARITAN BAY
FIPS State/County: 36085 NEW YORK/RICHMOND
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): RARB38
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON NEW YORK METRO AREA
ECO Region:
RF1 Index: 02030104
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
TRACE METALS IN SEDIMENTS OF RARITAN BAY - GREIG AND MCGRATH - NOAA NATL MAR FISH SERV - MID ATLANTIC COAST FISH CEN MILFORD CT 1973 MARINE POLLUTION BULLETIN VOL 8 NO 8 AUG 1977

Parameter Inventory for Station: GATE0378

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GATE0379

NPS Station ID: GATE0379 LAT/LON: 40.646142/ -74.051087 Agency: 11NYCOR Date Created: 09/08/79
Location: AMBROSE CHNL.ANCHORAGE CHNL.NW.OF BAY RIDGE SDP. FIPS State/County: 36047 NEW YORK/KINGS
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): NYCOR365
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02030201 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METRO AREA ECO Region:
RF1 Index: 02030201 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 02030201000101.63 RF3 Mile Point: 2.29 Distance from RF3: 0.18 On/Off RF3:
Description:
NEW YORK CORPS OF ENGINEERS DREDGING STUDIES

Parameter Inventory for Station: GATE0379

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	02/10/72-02/11/72	2	141.	141.	168.	114.	1458.	38.184	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	02/10/72-02/11/72	2	158.5	158.5	168.	149.	180.5	13.435	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	02/10/72-02/11/72	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GATE0380

NPS Station ID: GATE0380 LAT/LON: 40.634448/ -74.051393 Agency: 31ISC2RS Date Created: 11/07/81
Location: UPPER NEW YORK BAY NEAR BAY RIDGE (BROOKLYN) FIPS State/County: 36047 NEW YORK/KINGS
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): UH-12 /UH12 /1412
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02030201 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METROPOLITAN AREA ECO Region:
RF1 Index: 02030201001 RF1 Mile Point: 1.240 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02030201000100.00 RF3 Mile Point: 0.11 Distance from RF3: 0.09 On/Off RF3:
Description:
ER NEW YORK BAY AT THE CENTER OF THE JUNCTION OF THE MAIN CHANNEL WITH THE BAY RIDGE CHANNEL AND 10 YARDS WEST OF FLASHING RED GONG BUOY #22

Parameter Inventory for Station: GATE0380

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/74-06/19/74	9	7.7	9.522	19.6	2.4	39.557	6.289	2.4	3.75	15.65	19.6
00300	OXYGEN, DISSOLVED MG/L	01/16/74-06/19/74	9	8.7	7.978	10.3	3.7	6.032	2.456	3.7	5.85	9.95	10.3
00310	BOD, 5 DAY, 20 DEG C MG/L	01/16/74-06/19/74	9	2.1	2.2	2.9	1.7	0.187	0.433	1.7	1.85	2.65	2.9
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/16/74-06/19/74	9	0.25	0.286	0.44	0.15	0.01	0.098	0.15	0.21	0.38	0.44
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/16/74-06/19/74	9	0.05	0.044	0.07	0.03	0.	0.013	0.03	0.03	0.05	0.07
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/16/74-06/19/74	9	0.65	0.889	3.22	0.28	0.806	0.898	0.28	0.445	0.865	3.22
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/16/74-06/19/74	9	0.05	0.09	0.45	0.03	0.018	0.135	0.03	0.035	0.055	0.45
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/20/74-06/19/74	7	6.	6.286	11.	4.	4.905	2.215	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	02/20/74-06/19/74	7	28.	27.429	31.	22.	9.619	3.101	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/16/74-06/19/74	9	10800.	10111.111	12900.	4300.	6466111.111	2542.855	4300.	8950.	11750.	12900.
01027	CADMIUM, TOTAL (UG/L AS CD)	01/16/74-06/19/74	8	7.5	7.438	14.	0.25	32.085	5.664	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/16/74-06/19/74	8 ##	3.75	7.875	21.	2.5	51.411	7.17	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	01/16/74-06/19/74	8	12.5	16.75	30.	8.	74.214	8.615	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	01/16/74-06/19/74	8	44.5	39.75	60.	12.	337.929	18.383	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	01/16/74-06/19/74	8	26.5	26.125	44.	5.	155.554	12.472	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	01/16/74-06/19/74	8	26.5	35.625	90.	18.	573.411	23.946	**	**	**	**
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	01/16/74-06/19/74	9 ##	50.	3405.556	27000.	50.	78651527.778	8868.57	50.	50.	1450.	27000.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	01/16/74-06/19/74	9 ##	1.699	2.437	4.431	1.699	0.976	0.988	1.699	1.699	3.155	4.431
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			273.654								
71900	MERCURY, TOTAL (UG/L AS HG)	01/16/74-06/19/74	6 ##	0.05	0.058	0.1	0.05	0.	0.02	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0380

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	9	1	0.11				3	0	0.00	6	1	0.17			
01027	CADMIUM, TOTAL	Marine Acute	43.	8	0	0.00				2	0	0.00	6	0	0.00			
01042	COPPER, TOTAL	Marine Acute	2.9	8	8	1.00				2	2	1.00	6	6	1.00			
01051	LEAD, TOTAL	Marine Acute	220.	8	0	0.00				2	0	0.00	6	0	0.00			
01067	NICKEL, TOTAL	Marine Acute	75.	8	0	0.00				2	0	0.00	6	0	0.00			
01092	ZINC, TOTAL	Marine Acute	95.	8	0	0.00				2	0	0.00	6	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: GATE0380

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	9	4	0.44				3	3	1.00	6	1	0.17			
71900	MERCURY, TOTAL	Marine Acute	2.1	6	0	0.00				2	0	0.00	4	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0381

NPS Station ID: GATE0381
LAT/LON: 40.595837/ -74.051393
Agency: 1111H030
Date Created: / /
Location: RARITAN BAY (68)
FIPS State/County: 36085 NEW YORK/RICHMOND
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): 403545007403050/068
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02030104
Depth of Water: 25
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-N.Y. METROPOLI
ECO Region:
RF1 Index: 02030104
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0381

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/13/63-01/23/68	32	15.85	13.291	24.	0.2	53.654	7.325	1.25	6.675	19.175	20.8
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/13/63-09/29/64	24	19.5	20.625	34.	4.	68.766	8.293	8.	15.25	27.	32.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/23/63-06/01/67	7	30800.	29985.714	33500.	22300.	13164761.905	3628.328	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	02/13/63-01/23/68	32	5.95	6.609	10.2	2.8	5.792	2.407	3.46	4.425	9.125	9.91
00310	BOD, 5 DAY, 20 DEG C MG/L	03/26/63-01/23/68	27	1.6	1.659	3.7	0.4	0.444	0.666	0.8	1.3	2.	2.58
00400	PH (STANDARD UNITS)	06/01/67-06/01/67	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/01/67-06/01/67	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/01/67-06/01/67	1	0.631	0.631	0.631	0.631	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/29/64-09/29/64	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/29/64-09/29/64	1	0.17	0.17	0.17	0.17	0.	0.	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/23/68-01/23/68	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	09/29/64-09/29/64	1	0.73	0.73	0.73	0.73	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	02/13/63-06/01/67	31	13700.	13377.419	15400.	8300.	2855806.452	1689.913	9760.	13400.	14100.	15200.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/08/63-01/23/68	9	53000.	47666.667	100000.	4400.	1533867500.	39164.621	4400.	7300.	86500.	100000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/08/63-01/23/68	9	4.724	4.446	5.	3.643	0.3	0.547	3.643	3.859	4.936	5.
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			27936.344								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/13/63-06/01/67	25	9200.	28183.6	160000.	490.	2537370307.333	50372.317	1300.	3500.	20000.	160000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/13/63-06/01/67	25	3.964	3.98	5.204	2.69	0.412	0.642	3.114	3.544	4.292	5.204
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			9542.593								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/13/63-06/01/67	25	2300.	8614.4	35000.	130.	145437075.667	12059.73	330.	1045.	14500.	35000.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/13/63-06/01/67	25	3.362	3.476	4.544	2.114	0.468	0.684	2.519	3.006	4.159	4.544
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2989.767								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/63-01/23/68	23	3200.	5323.043	34000.	20.	67722894.862	8229.392	152.	750.	4800.	20000.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/63-01/23/68	23	3.505	3.286	4.531	1.301	0.557	0.746	2.108	2.875	3.681	4.287
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1932.254								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	02/13/63-02/03/64	30	210.	525.8	2900.	28.	545072.924	738.291	40.4	72.	570.	2130.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	02/13/63-02/03/64	30	2.322	2.374	3.462	1.447	0.316	0.562	1.606	1.857	2.756	3.326
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			236.75								
70305	SALINITY BASED ON CONDUCTIVITY	01/23/68-01/23/68	1	22.3	22.3	22.3	22.3	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0381

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	32	6	0.19	5	1	0.20	6	0	0.00	21	5	0.24			
00400	PH	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	1	1.00							1	1	1.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	9	9	1.00	1	1	1.00	2	2	1.00	6	6	1.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	25	24	0.96	4	4	1.00	4	3	0.75	17	17	1.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	25	24	0.96	4	4	1.00	4	4	1.00	17	16	0.94			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	23	21	0.91	4	4	1.00	3	3	1.00	16	14	0.88			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0382

NPS Station ID: GATE0382
LAT/LON: 40.636949/ -74.051393
Agency: 1115LOP
Date Created: 03/24/79
Location: HUDSON R
FIPS State/County: 36047 NEW YORK/KINGS
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): HUDR22
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030201
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON
ECO Region:
RF1 Index: 02030201001
RF1 Mile Point: 1.440
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02030202002909.75
RF3 Mile Point: 14.62
Distance from RF3: 0.60
On/Off RF3:
Description:
PCBS IN LOWER HUDSON RIVER SEDIMENTS A PRELIMINARY SURVEY EPA SURVEILLANCE AND ANALYSIS DIVISION REGION 2

Parameter Inventory for Station: GATE0382

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	12/11/76-12/11/76	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
81827	AROCHLOR - 1016/1242 IN SED DRY WT. UG/KG	12/11/76-12/11/76	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GATE0383

NPS Station ID: GATE0383
LAT/LON: 40.636116/ -74.051670
Agency: 1111H030
Date Created: / /
Location: UPPER NEW YORK HARBOR (512)
FIPS State/County: 36047 NEW YORK/KINGS
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): 403810007403060/512
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030201
Depth of Water: 46
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-N.Y. METROPOLI
ECO Region:
RF1 Index: 02030201
RF1 Mile Point: 0.000
Distance from RF1: 0.10
On/Off RF1:
RF3 Index: 02030202002909.75
RF3 Mile Point: 14.16
Distance from RF3: 0.23
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0383

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GATE0384

NPS Station ID: GATE0384
LAT/LON: 40.633337/ -74.051670
Agency: REGII208
Date Created: 05/25/78
Location: UPPER NEW YORK BAY
FIPS State/County: 36047 NEW YORK/KINGS
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): NYC001H6 /H6
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030201
Depth of Water: 46
Aquifer:
Major Basin: 100 YDS SO OF RED BUOY
Elevation: 0
Water Body Id:
Minor Basin: '22' FLASHING RED
ECO Region:
RF1 Index: 02030201001
RF1 Mile Point: 1.130
Distance from RF1: 11.60
On/Off RF1: OFF
RF3 Index: 02030202002909.75
RF3 Mile Point: 14.64
Distance from RF3: 1.28
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0384

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/16/75-07/28/77	98	17.75	18.133	25.3	2.8	17.187	4.146	16.	16.6	21.675	22.53
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/16/75-07/16/77	82	29900.	28473.171	39100.	9000.	52349579.946	7235.301	17030.	24350.	33625.	37000.
00300	OXYGEN, DISSOLVED MG/L	09/19/75-07/28/77	93	5.3	5.223	8.8	2.8	1.234	1.111	3.8	4.6	5.6	6.42
00310	BOD, 5 DAY, 20 DEG C MG/L	09/16/75-07/28/77	26	1.25	1.396	2.6	0.8	0.172	0.414	1.	1.1	1.7	1.99
00400	PH (STANDARD UNITS)	09/16/75-12/14/76	6	7.6	7.617	7.9	7.4	0.058	0.24	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/16/75-12/14/76	6	7.555	7.564	7.9	7.4	0.061	0.247	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/16/75-12/14/76	6	0.028	0.027	0.04	0.013	0.	0.014	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/12/77-07/16/77	10	95.	95.4	99.	94.	3.156	1.776	94.	94.	96.5	98.9
00480	SALINITY - PARTS PER THOUSAND	09/16/75-07/16/77	90	22.25	20.904	28.	5.9	24.161	4.915	12.55	18.825	24.175	26.1
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/16/75-07/28/77	22	8.	8.636	22.	3.	26.338	5.132	3.3	4.75	11.25	17.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/16/75-07/28/77	9	0.295	0.304	0.44	0.195	0.007	0.083	0.195	0.235	0.385	0.44
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/16/75-07/28/77	9	0.043	0.04	0.064	0.02	0.	0.018	0.02	0.022	0.057	0.064
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/16/75-07/28/77	9	0.28	0.256	0.49	0.07	0.017	0.132	0.07	0.123	0.33	0.49
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/16/75-07/28/77	9	0.91	0.83	1.	0.58	0.029	0.171	0.58	0.66	0.98	1.
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/16/75-07/28/77	9	0.205	0.223	0.43	0.11	0.013	0.113	0.11	0.135	0.315	0.43
00940	CHLORIDE,TOTAL IN WATER MG/L	09/23/75-07/28/77	13	15000.	13961.538	16400.	9000.	5682564.103	2383.813	9640.	12050.	15750.	16400.
01027	CADMIUM, TOTAL (UG/L AS CD)	12/14/76-12/14/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	12/14/76-12/14/76	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	12/14/76-12/14/76	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	12/14/76-12/14/76	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	12/14/76-12/14/76	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	12/14/76-12/14/76	1	36.	36.	36.	36.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/16/75-07/28/77	42	13000.	17478.571	79000.	2300.	267114407.666	16343.635	3300.	4900.	24000.	46000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/16/75-07/28/77	42	4.114	4.078	4.898	3.362	0.15	0.387	3.519	3.69	4.38	4.663
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			11972.563								
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	09/16/75-07/28/77	42	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	09/16/75-07/28/77	42	0.699	0.699	0.699	0.699	0.	0.	0.699	0.699	0.699	0.699
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			5.								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	09/16/75-07/28/77	41	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	09/16/75-07/28/77	41	0.699	0.699	0.699	0.699	0.	0.	0.699	0.699	0.699	0.699
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			5.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/16/75-07/28/77	41	3300.	4470.976	17000.	490.	17571184.024	4191.8	820.	1700.	4900.	12600.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/16/75-07/28/77	41	3.519	3.489	4.23	2.69	0.147	0.384	2.913	3.23	3.69	4.099
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3085.028								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/16/75-07/28/77	9	0.096	0.108	0.164	0.072	0.001	0.036	0.072	0.079	0.147	0.164
71900	MERCURY, TOTAL (UG/L AS HG)	12/14/76-12/14/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0384

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	93	13	0.14	48	2	0.04	6	0	0.00	39	11	0.28			
00400	PH	Other-Hi Lim.	9.	6	0	0.00	3	0	0.00	3	0	0.00						
		Other-Lo Lim.	6.5	6	0	0.00	3	0	0.00	3	0	0.00						
01027	CADMIUM, TOTAL	Marine Acute	43.	1	0	0.00				1	0	0.00						
01042	COPPER, TOTAL	Marine Acute	2.9	1	1	1.00				1	1	1.00						
01051	LEAD, TOTAL	Marine Acute	220.	1	0	0.00				1	0	0.00						
01067	NICKEL, TOTAL	Marine Acute	75.	1	0	0.00				1	0	0.00						
01092	ZINC, TOTAL	Marine Acute	95.	1	0	0.00				1	0	0.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	42	42	1.00	24	24	1.00	3	3	1.00	15	15	1.00			
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	42	0	0.00	24	0	0.00	3	0	0.00	15	0	0.00			
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	41	0	0.00	23	0	0.00	3	0	0.00	15	0	0.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	41	41	1.00	23	23	1.00	3	3	1.00	15	15	1.00			
71900	MERCURY, TOTAL	Marine Acute	2.1	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0385

NPS Station ID: GATE0385 LAT/LON: 40.605837/ -74.051948 Agency: 31ISC2RS Date Created: 11/07/81
Location: THE NARROWS WEST OF MID-CHANNEL FIPS State/County: 36085 NEW YORK/RICHMOND
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): UH-27 /UH27 /1427
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 02030104 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METROPOLITAN AREA ECO Region:
RF1 Index: 02030104004 RF1 Mile Point: 6.910 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:
NARROWS UNDER THE VERRAZANO BRIDGE, WEST OF THE MAIN CHANNEL AND YARDS EAST OF FLASHING GREEN LIGHT ON FORT WADSWORTH (STATEN ISLAND)

Parameter Inventory for Station: GATE0385

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/74-06/19/74	9	7.5	9.422	19.4	2.6	38.257	6.185	2.6	3.65	15.4	19.4
00300	OXYGEN, DISSOLVED MG/L	01/16/74-06/19/74	9	8.8	7.911	10.4	4.1	4.971	2.23	4.1	5.9	9.55	10.4
00310	BOD, 5 DAY, 20 DEG C MG/L	01/16/74-06/19/74	9	2.2	2.211	3.2	1.	0.374	0.611	1.	1.9	2.55	3.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/16/74-06/19/74	9	0.25	0.281	0.48	0.1	0.015	0.123	0.1	0.18	0.395	0.48
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/16/74-06/19/74	9	0.04	0.042	0.07	0.02	0.	0.014	0.02	0.035	0.05	0.07
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/16/74-06/19/74	9	0.57	0.596	1.28	0.01	0.123	0.35	0.01	0.395	0.765	1.28
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/16/74-06/19/74	9	0.04	0.076	0.35	0.03	0.011	0.103	0.03	0.03	0.055	0.35
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/20/74-06/19/74	7	7.	7.286	13.	4.	7.905	2.812	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	02/20/74-06/19/74	7	27.	27.286	32.	22.	11.905	3.45	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/16/74-06/19/74	9	11400.	10633.333	12800.	5100.	5772500.	2402.603	5100.	9550.	12500.	12800.
01027	CADMIUM, TOTAL (UG/L AS CD)	01/16/74-06/19/74	9	6.	6.417	13.	0.25	29.578	5.439	0.25	0.25	12.5	13.
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/16/74-06/19/74	9 ##	2.5	7.	18.	2.5	46.563	6.824	2.5	2.5	15.	18.
01042	COPPER, TOTAL (UG/L AS CU)	01/16/74-06/19/74	9	10.	13.	35.	7.	73.	8.544	7.	8.5	13.5	35.
01051	LEAD, TOTAL (UG/L AS PB)	01/16/74-06/19/74	9	35.	31.556	48.	6.	229.278	15.142	6.	18.5	43.	48.
01067	NICKEL, TOTAL (UG/L AS NI)	01/16/74-06/19/74	9	27.	24.333	38.	5.	144.25	12.01	5.	14.	34.5	38.
01092	ZINC, TOTAL (UG/L AS ZN)	01/16/74-06/19/74	9	23.	39.778	150.	17.	1780.194	42.192	17.	19.	38.5	150.
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	01/16/74-06/19/74	9 ##	50.	634.444	3500.	50.	1266177.778	1125.246	50.	50.	800.	3500.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	01/16/74-06/19/74	9 ##	1.699	2.264	3.544	1.699	0.516	0.718	1.699	1.699	2.889	3.544
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			183.53								
71900	MERCURY, TOTAL (UG/L AS HG)	01/16/74-06/19/74	7 ##	0.05	0.057	0.1	0.05	0.	0.019	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0385

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	9	0	0.00				3	0	0.00	6	0	0.00			
01027	CADMIUM, TOTAL	Marine Acute	43.	9	0	0.00				3	0	0.00	6	0	0.00			
01042	COPPER, TOTAL	Marine Acute	2.9	9	9	1.00				3	3	1.00	6	6	1.00			
01051	LEAD, TOTAL	Marine Acute	220.	9	0	0.00				3	0	0.00	6	0	0.00			
01067	NICKEL, TOTAL	Marine Acute	75.	9	0	0.00				3	0	0.00	6	0	0.00			
01092	ZINC, TOTAL	Marine Acute	95.	9	1	0.11				3	1	0.33	6	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: GATE0385

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	9	4	0.44				3	3	1.00	6	1	0.17			
71900	MERCURY, TOTAL	Marine Acute	2.1	7	0	0.00				3	0	0.00	4	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0386

NPS Station ID: GATE0386 LAT/LON: 40.478892/ -74.051948 Agency: 21NJDEP1 Date Created: 08/22/81
Location: RARITAN BAY FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): L7019337263 /71 /SF01027
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02030104 Depth of Water: 20 Aquifer:
Major Basin: NORTHEAST MAJOR BASIN Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA ECO Region:
RF1 Index: 02030104 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J. TIDE CORRECTION (H/L): (-0:01/ 0:00)
ASSOCIATED NOAA WEATHER STATION: 7865

Parameter Inventory for Station: GATE0386

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/01/75-06/16/95	55	18.	15.48	25.	2.8	57.507	7.583	2.96	9.5	22.	23.94
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-06/16/95	148	22.5	19.774	36.	-2.	77.715	8.816	6.9	13.	27.	30.
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-06/16/95	156	4.	4.968	20.	0.	17.734	4.211	1.	2.	7.	10.3
00480	SALINITY - PARTS PER THOUSAND	03/15/82-11/16/82	16	23.85	24.119	28.8	19.8	5.916	2.432	20.99	21.875	26.175	27.61
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-06/16/95	129	93.	653.961	11000.	1.5	3132888.678	1769.997	7.	22.	430.	2400.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-06/16/95	129	1.968	1.964	4.041	0.176	0.856	0.925	0.845	1.342	2.633	3.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			92.049								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-06/16/95	128	15.	105.258	2400.	1.5	80085.425	282.994	1.5	4.	91.	231.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-06/16/95	128	1.176	1.306	3.38	0.176	0.585	0.765	0.176	0.602	1.959	2.364
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			20.244								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/09/90-02/28/92	15	3.6	6.613	23.	1.5	57.056	7.554	1.5	1.5	9.1	23.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	05/09/90-02/28/92	15	0.556	0.605	1.362	0.176	0.181	0.425	0.176	0.176	0.959	1.362
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			4.028								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-06/16/95	161	11045.	6642.323	11600.	1021.	24757137.445	4975.654	1222.4	1342.	11301.	11444.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0386

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	129	19	0.15	40	6	0.15	31	6	0.19	58	7	0.12			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	128	15	0.12	40	5	0.13	30	4	0.13	58	6	0.10			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1975 - Station GATE0386

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-06/16/95	7	7.	6.714	10.	2.	11.905	3.45	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-06/16/95	10	166.5	497.9	2400.	15.	555194.767	745.114	17.8	67.	620.	2270.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-06/16/95	10	2.174	2.275	3.38	1.176	0.454	0.674	1.222	1.815	2.757	3.346
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			188.318								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-06/16/95	10	23.	151.	460.	1.5	45606.167	213.556	1.5	11.625	460.	460.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-06/16/95	10	1.362	1.524	2.663	0.176	0.86	0.927	0.176	0.926	2.663	2.663
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			33.383								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-06/16/95	10	11045.	7232.5	11600.	1130.	26534306.944	5151.146	1140.	1241.25	11190.	11581.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GATE0386

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-06/16/95	16	25.	24.813	33.	19.	14.696	3.834	19.7	22.	26.	30.9
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-06/16/95	13	3.	4.538	10.	1.	11.603	3.406	1.	2.	7.5	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-06/16/95	15	150.	353.1	2400.	1.5	389595.221	624.176	14.4	43.	240.	1620.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-06/16/95	15	2.176	2.094	3.38	0.176	0.546	0.739	0.887	1.633	2.38	3.177
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			124.29								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-06/16/95	15	9.	98.767	1100.	1.5	78430.102	280.054	2.4	4.	43.	530.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-06/16/95	15	0.954	1.177	3.041	0.176	0.586	0.766	0.357	0.602	1.633	2.522
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			15.031								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-06/16/95	15	1515.	5378.333	11515.	1230.	25293673.81	5029.282	1230.	1430.	11230.	11464.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station GATE0386

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-06/16/95	7	24.	26.571	34.	20.	31.619	5.623	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-06/16/95	7	5.	5.143	9.	2.	5.476	2.34	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-06/16/95	7	23.	574.	2400.	3.	812736.	901.519	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-06/16/95	7	1.362	1.891	3.38	0.477	1.262	1.124	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			77.859								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-06/16/95	7	9.	194.357	1100.	1.5	162805.726	403.492	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-06/16/95	7	0.954	1.342	3.041	0.176	1.13	1.063	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			21.989								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-06/16/95	7	1500.	4258.571	11530.	1245.	23683439.286	4866.563	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station GATE0386

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-06/16/95	7	25.	25.143	30.	20.	10.81	3.288	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-06/16/95	7	5.	4.429	7.	1.	3.619	1.902	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-06/16/95	7	15.	196.929	1100.	1.5	161691.869	402.109	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-06/16/95	7	1.176	1.474	3.041	0.176	0.969	0.985	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			29.769								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-06/16/95	7	4.	30.429	150.	1.5	2997.536	54.75	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-06/16/95	7	0.602	0.903	2.176	0.176	0.566	0.752	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.996								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-06/16/95	7	1515.	4256.429	11445.	1245.	23415205.952	4838.926	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station GATE0386

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-06/16/95	26	15.5	14.731	32.	4.	79.305	8.905	4.7	6.	24.25	27.6
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-06/16/95	26	8.	8.923	20.	1.	34.394	5.865	2.	3.75	15.	16.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-06/16/95	21	240.	1788.238	11000.	15.	10794515.69	3285.501	15.	36.	2400.	9720.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-06/16/95	21	2.38	2.45	4.041	1.176	0.936	0.968	1.176	1.556	3.38	3.966
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			281.803								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-06/16/95	20	15.	63.55	430.	3.	11339.208	106.486	4.	10.25	75.	222.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-06/16/95	20	1.176	1.357	2.633	0.477	0.377	0.614	0.602	1.002	1.875	2.343
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			22.732								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-06/16/95	26	11144.5	7063.769	11458.	1213.	25372776.185	5037.14	1215.	1314.	11317.25	11441.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station GATE0386

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-06/16/95	6	10.5	10.667	23.	3.	52.267	7.23	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-06/16/95	7	2.	3.143	7.	1.	5.143	2.268	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-06/16/95	7	230.	323.714	930.	23.	97070.238	311.561	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-06/16/95	7	2.362	2.285	2.968	1.362	0.293	0.541	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			192.961								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-06/16/95	7	36.	101.143	430.	9.	22125.143	148.745	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-06/16/95	7	1.556	1.685	2.633	0.954	0.313	0.559	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			48.409								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-06/16/95	7	11110.	7058.857	11506.	1200.	28036167.476	5294.919	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GATE0386

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-06/16/95	14	25.	18.5	35.	-2.	152.423	12.346	4.5	8.	28.25	32.5
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-06/16/95	14	2.	2.857	9.	1.	6.286	2.507	1.	1.	3.5	8.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-06/16/95	12	230.	1359.25	11000.	15.	9692511.477	3113.28	15.	22.	930.	8420.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-06/16/95	12	2.362	2.312	4.041	1.176	0.876	0.936	1.176	1.29	2.968	3.843
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			204.981								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-06/16/95	12	91.	393.333	2400.	15.	515326.061	717.862	15.	15.	720.25	1959.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-06/16/95	12	1.959	1.951	3.38	1.176	0.606	0.779	1.176	1.176	2.716	3.257
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			89.365								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-06/16/95	14	11107.5	7004.143	11452.	1114.	26464376.747	5144.354	1168.	1304.	11352.25	11450.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GATE0386

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-06/16/95	13	23.	21.154	36.	5.	91.808	9.582	6.6	13.5	29.5	34.4
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-06/16/95	13	3.	2.923	10.	0.	6.91	2.629	0.4	1.	4.	8.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-06/16/95	10	230.	253.4	930.	43.	70806.267	266.094	43.	67.	280.	880.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-06/16/95	10	2.362	2.216	2.968	1.633	0.187	0.432	1.633	1.815	2.43	2.935
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			164.412								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-06/16/95	10	68.	87.2	230.	9.	6693.511	81.814	9.6	21.	127.25	230.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-06/16/95	10	1.801	1.739	2.362	0.954	0.226	0.475	0.976	1.315	2.067	2.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			54.801								

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Annual Analysis for 1986 - Station GATE0386

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-06/16/95	13	11106.	7412.077	11455.	1217.	25170865.91	5017.057	1230.2	1340.5	11223.5	11449.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GATE0386

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-06/16/95	11	18.	18.182	30.	5.	87.164	9.336	5.4	11.	29.	30.
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-06/16/95	14	4.	5.286	15.	1.	18.374	4.286	1.	1.75	8.5	12.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-06/16/95	11	43.	117.636	930.	9.	73083.255	270.339	11.4	23.	43.	762.6
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-06/16/95	11	1.633	1.621	2.968	0.954	0.267	0.517	1.028	1.362	1.633	2.768
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			41.796								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-06/16/95	11	9.	10.545	23.	4.	68.673	8.287	4.	4.	23.	23.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-06/16/95	11	0.954	0.905	1.362	0.602	0.109	0.33	0.602	0.602	1.362	1.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.041								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-06/16/95	14	11117.5	7741.571	11529.	1234.	24567116.418	4956.523	1245.	1396.5	11434.5	11494.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GATE0386

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-06/16/95	8	21.	19.875	32.	6.	79.268	8.903	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-06/16/95	8	3.5	5.	12.	1.	15.429	3.928	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-06/16/95	7	43.	397.071	2400.	1.5	786638.369	886.926	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-06/16/95	7	1.633	1.564	3.38	0.176	1.264	1.124	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			36.684								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-06/16/95	7	9.	83.357	430.	1.5	24477.893	156.454	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-06/16/95	7	0.954	1.206	2.633	0.176	0.804	0.896	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			16.085								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-06/16/95	8	11184.	8735.75	11408.	1148.	21494144.786	4636.178	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0386

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-06/16/95	7	16.	19.714	29.	12.	52.905	7.274	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-06/16/95	7	5.	7.	14.	1.	20.333	4.509	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-06/16/95	5	93.	523.6	2400.	9.	1101780.8	1049.657	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-06/16/95	5	1.968	1.927	3.38	0.954	0.845	0.919	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			84.456								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-06/16/95	5	9.	61.6	240.	7.	10171.8	100.855	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-06/16/95	5	0.954	1.353	2.38	0.845	0.427	0.654	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			22.566								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-06/16/95	7	1412.	5527.286	11344.	1021.	28492299.238	5337.818	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0386

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-06/16/95	9	20.	19.111	27.	7.	67.611	8.223	7.	11.	27.	27.
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-06/16/95	9	2.	3.333	10.	1.	11.5	3.391	1.	1.	6.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-06/16/95	2	50.	50.	93.	7.	3698.	60.811	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-06/16/95	2	1.407	1.407	1.968	0.845	0.631	0.794	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			25.515								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-06/16/95	2	48.5	48.5	93.	4.	3960.5	62.933	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-06/16/95	2	1.285	1.285	1.968	0.602	0.934	0.966	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			19.287								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-06/16/95	9	1355.	4546.667	11118.	1121.	24096991.75	4908.869	1121.	1208.5	11077.	11118.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0386

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-06/16/95	6	27.	23.667	31.	10.	65.067	8.066	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-06/16/95	6	2.5	2.667	5.	1.	2.667	1.633	**	**	**	**
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-06/16/95	6	1328.5	4543.833	11230.	1121.	26040503.767	5102.99	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0386

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-06/16/95	5	25.	19.4	28.	8.	100.3	10.015	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-06/16/95	5	4.	5.	12.	1.	17.5	4.183	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-06/16/95	3	9.	17.833	43.	1.5	489.083	22.115	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-06/16/95	3	0.954	0.921	1.633	0.176	0.532	0.729	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			8.342								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-06/16/95	3 ##	1.5	4.	9.	1.5	18.75	4.33	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-06/16/95	3 ##	0.176	0.435	0.954	0.176	0.202	0.449	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.726								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-06/16/95	5	11033.	9218.2	11519.	1257.	19846935.7	4454.99	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station GATE0386

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-06/16/95	5	25.	25.4	27.	24.	1.3	1.14	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-06/16/95	5	4.	3.6	5.	1.	2.3	1.517	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-06/16/95	5	7.	7.3	15.	1.5	26.7	5.167	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-06/16/95	5	0.845	0.751	1.176	0.176	0.146	0.382	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			5.633								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-06/16/95	5	7.	12.4	43.	1.5	303.675	17.426	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-06/16/95	5	0.845	0.757	1.633	0.176	0.372	0.61	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.715								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-06/16/95	5	11314.	9446.4	11535.	1556.	19468105.3	4412.268	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station GATE0386

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-06/16/95	6	18.5	18.5	24.	13.	19.5	4.416	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-06/16/95	6	1.	1.5	4.	0.	1.9	1.378	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-06/16/95	6	139.5	523.667	2400.	1.5	877072.967	936.522	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-06/16/95	6	1.986	1.728	3.38	0.176	1.773	1.332	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			53.424								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-06/16/95	6	9.	26.167	93.	1.5	1311.267	36.211	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-06/16/95	6	0.954	0.977	1.968	0.176	0.54	0.735	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.486								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-06/16/95	6	6337.	6398.	11502.	1436.	29156940.8	5399.717	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station GATE0386

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-06/16/95	2	20.25	20.25	26.5	14.	78.125	8.839	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-06/16/95	2	4.5	4.5	8.	1.	24.5	4.95	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-06/16/95	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-06/16/95	1 ##	0.176	0.176	0.176	0.176	0.	0.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1.5								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-06/16/95	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-06/16/95	1 ##	0.176	0.176	0.176	0.176	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.5								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-06/16/95	2	6235.5	6235.5	11132.	1339.	47951424.5	6924.697	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0386

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/01/75-06/16/95	18	21.5	20.972	25.	17.	5.19	2.278	17.	19.5	22.125	24.1
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-06/16/95	50	24.	23.72	34.	10.	24.573	4.957	16.2	20.75	27.	29.
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-06/16/95	50	4.	4.62	12.	0.	9.506	3.083	1.	2.75	7.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-06/16/95	40	39.5	401.888	2400.	1.5	547435.724	739.889	4.3	15.	382.5	2270.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-06/16/95	40	1.595	1.772	3.38	0.176	0.886	0.941	0.626	1.176	2.57	3.346
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			59.134								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-06/16/95	40	12.	93.238	1100.	1.5	58992.884	242.885	4.	4.	43.	230.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-06/16/95	40	1.065	1.246	3.041	0.176	0.534	0.73	0.602	0.602	1.633	2.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			17.619								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-06/16/95	52	1546.5	5949.538	11530.	1121.	24988115.979	4998.811	1217.6	1345.	11252.	11449.9

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0386

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/01/75-06/16/95	9	2.9	3.689	9.2	2.8	4.316	2.078	2.8	2.85	3.35	9.2
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-06/16/95	39	8.	7.846	15.	-2.	13.713	3.703	4.	5.	11.	14.
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-06/16/95	39	4.	5.692	20.	1.	31.061	5.573	1.	1.	8.	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-06/16/95	31	230.	1294.677	11000.	7.	7750390.759	2783.952	16.6	43.	930.	4160.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-06/16/95	31	2.362	2.366	4.041	0.845	0.714	0.845	1.213	1.633	2.968	3.606
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			232.332								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-06/16/95	30	29.5	126.3	930.	4.	58874.079	242.64	4.3	9.	93.	430.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-06/16/95	30	1.459	1.561	2.968	0.602	0.459	0.678	0.626	0.954	1.968	2.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			36.406								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-06/16/95	39	11107.	6937.	11519.	1021.	25130698.842	5013.053	1222.	1331.	11313.	11452.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0386

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/01/75-06/16/95	28	17.9	15.739	25.	4.4	43.945	6.629	5.48	10.05	21.525	24.1
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-06/16/95	59	26.	24.314	36.	13.	37.172	6.097	15.	20.	28.	32.
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-06/16/95	67	4.	4.806	15.	0.	16.28	4.035	1.	2.	8.	10.4
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-06/16/95	58	93.	485.353	11000.	1.5	2284763.088	1511.543	2.85	21.	287.5	1100.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-06/16/95	58	1.968	1.882	4.041	0.176	0.82	0.906	0.447	1.322	2.444	3.041
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			76.146								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-06/16/95	58	15.	102.664	2400.	1.5	107777.635	328.295	1.5	3.	91.	250.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-06/16/95	58	1.176	1.216	3.38	0.176	0.661	0.813	0.176	0.477	1.959	2.389
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			16.446								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-06/16/95	70	11048.5	6992.786	11600.	1114.	24562896.577	4956.097	1224.6	1335.75	11301.25	11431.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0387

NPS Station ID: GATE0387 LAT/LON: 40.622781/ -74.052226 Agency: 31ISC2RS Date Created: 11/07/81
Location: UPPER NEW YORK BAY NORTH OF THE NARROWS FIPS State/County: 36047 NEW YORK/KINGS
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): UH-23 /UH23 /1423
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02030104 Depth of Water: 0 Aquifer:
Major Basin: ORTHEAST L Elevation: 0 Water Body Id:
Minor Basin: OWER HUDSON-NEW YORK METROPOLITAN AREA ECO Region:
RF1 Index: 02030104004 RF1 Mile Point: 7.660 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02030201000100.00 RF3 Mile Point: 0.07 Distance from RF3: 0.41 On/Off RF3:
Description:
ER NEW YORK BAY NORTH OF THE NARROWS, MID-CHANNEL OF MAIN SHIP CHANNEL E-W: TOWER ON FORT HAMILTON HIGH SCHOOL (BROOKLYN) WITH TWIN CHIMNEYS ON MERRITT, CHAPMAN AND SCOTT PIER (STATEN ISLAND) N-S: FLASHING RED GONG BUOY #22 WITH FLASHING GREEN LIGHT AT FORT WADSWORTH (STATEN ISLAND)

Parameter Inventory for Station: GATE0387

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/74-06/19/74	9	7.5	9.433	19.5	2.5	38.725	6.223	2.5	3.65	15.35	19.5
00300	OXYGEN, DISSOLVED MG/L	01/16/74-06/19/74	9	9.	7.956	10.3	4.4	4.705	2.169	4.4	5.9	9.55	10.3
00310	BOD, 5 DAY, 20 DEG C MG/L	01/16/74-06/19/74	9	2.5	2.4	3.1	1.4	0.278	0.527	1.4	2.05	2.85	3.1
00940	CHLORIDE,TOTAL IN WATER MG/L	01/16/74-06/19/74	9	11200.	11233.333	13300.	9000.	2497500.	1580.348	9000.	9800.	12750.	13300.
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	06/05/74-06/05/74	1	999.	999.	999.	999.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0387

				Total	Exceed	Prop.	----------8/01-10/31----------			----------11/01-3/31----------			----------4/01-7/31----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	9	0	0.00				3	0	0.00	6	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0388

NPS Station ID: GATE0388 | LAT/LON: 40.487504/ -74.052782 | Agency: 11NOAMID | Date Created: 11/16/78
Location: RARITAN BAY | FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/OCEAN | STORET Station ID(s): RARB18
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 02030104 | Depth of Water: 0 | Aquifer:
Major Basin: NORTHEAST | Elevation: 0 | Water Body Id:
Minor Basin: LOWER HUDSON NEW YORK METRO AREA | ECO Region:
RF1 Index: 02030104 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 02030202104200.00 | RF3 Mile Point: 0.00 | Distance from RF3: 4.93 | On/Off RF3:
Description:
TRACE METALS IN SEDIMENTS OF RARITAN BAY - GREIG AND MCGRATH - NOAA NATL MAR FISH SERV - MID ATLANTIC COAST FISH CEN MILFORD CT 1973
MARINE POLLUTION BULLETIN VOL 8 NO 8 AUG 1977

Parameter Inventory for Station: GATE0388

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	2	5.25	5.25	7.5	3.	10.125	3.182	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	2	68.5	68.5	97.	40.	1624.5	40.305	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	02/01/73-05/01/73	2	97.	97.	150.	44.	5618.	74.953	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	02/01/73-05/01/73	2	102.5	102.5	160.	45.	6612.5	81.317	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	2	16.5	16.5	24.	9.	112.5	10.607	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	02/01/73-05/01/73	2	193.	193.	300.	86.	22898.	151.321	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GATE0389

NPS Station ID: GATE0389
LAT/LON: 40.605837/ -74.052782
Agency: 1111H030
Date Created: / /
Location: RARITAN BAY (104)
FIPS State/County: 36085 NEW YORK/RICHMOND
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): 403621007403100/104
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02030104
Depth of Water: 60
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-N.Y. METROPOLI
ECO Region:
RF1 Index: 02030104
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0389

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/31/62-11/06/62	14	9.9	10.336	12.6	8.4	2.509	1.584	8.45	9.25	12.6	12.6
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/31/62-11/06/62	14	8.	9.286	13.	7.	6.374	2.525	7.	7.	13.	13.
00300	OXYGEN, DISSOLVED MG/L	10/31/62-11/06/62	14	5.75	5.679	6.7	4.3	0.43	0.655	4.45	5.4	6.125	6.6
00940	CHLORIDE,TOTAL IN WATER MG/L	10/31/62-11/06/62	12	14000.	13916.667	15000.	12000.	992424.242	996.205	12300.	13000.	15000.	15000.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/31/62-11/06/62	14	10500.	17700.	66000.	4400.	293298461.538	17125.959	4600.	6525.	22250.	53000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/31/62-11/06/62	14	4.021	4.103	4.82	3.643	0.124	0.353	3.662	3.813	4.345	4.711
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			12680.159								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/31/62-11/06/62	14	16000.	16100.	54000.	5400.	140786153.846	11865.334	6200.	10000.	16250.	38000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/31/62-11/06/62	14	4.204	4.134	4.732	3.732	0.061	0.246	3.789	3.992	4.211	4.537
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			13606.91								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/31/62-11/06/62	10	4450.	6020.	13000.	1700.	15088444.444	3884.385	1770.	3225.	9650.	12800.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/31/62-11/06/62	10	3.638	3.694	4.114	3.23	0.086	0.293	3.245	3.503	3.983	4.107
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4942.515								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/31/62-11/06/62	9	1100.	1353.333	2500.	600.	502925.	709.172	600.	740.	2050.	2500.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/31/62-11/06/62	9	3.041	3.078	3.398	2.778	0.052	0.229	2.778	2.869	3.309	3.398
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			1196.914								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0389

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	14	0	0.00	4	0	0.00	10	0	0.00						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	14	14	1.00	4	4	1.00	10	10	1.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	14	14	1.00	4	4	1.00	10	10	1.00						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	10	10	1.00	4	4	1.00	6	6	1.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0390

NPS Station ID: GATE0390
LAT/LON: 40.605559/ -74.052782
Agency: 31ISC2RS
Date Created: / /
Location: THE NARROWS-FORT WADSWORTH
FIPS State/County: 36000 NEW YORK/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): MONIT6 /06
RMI-Indexes: 0133000
Within Park Boundary: Yes
RMI-Miles: 0000.00
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: STATEN ISLAND
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02030104004
RF1 Mile Point: 6.910
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0390

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data at this Station Suitable for Statistical Analysis ********

Station Inventory for Station: GATE0391

NPS Station ID: GATE0391
LAT/LON: 40.489726/ -74.053059
Agency: 1111H030
Date Created: / /
Location: RARITAN BAY (18)
FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): 402923007403110/018 /18
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030104
Depth of Water: 25
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-N.Y. METROPOLI
ECO Region:
RF1 Index: 02030104
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0391

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/07/62-08/02/67	92	17.2	14.834	25.6	0.	51.736	7.193	2.45	7.625	20.9	22.3
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/07/62-08/13/64	83	20.	18.361	36.	0.	92.599	9.623	3.	14.	26.	29.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/23/63-09/10/63	10	32800.	33010.	36800.	30000.	3547666.667	1883.525	30150.	31875.	33850.	36640.
00300	OXYGEN, DISSOLVED MG/L	08/07/62-08/02/67	90	8.	8.094	14.8	4.7	5.045	2.246	5.11	6.175	10.	10.7
00310	BOD, 5 DAY, 20 DEG C MG/L	06/04/64-06/04/64	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	03/23/64-08/13/64	3	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/23/64-08/13/64	3	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/23/64-08/13/64	3	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/23/91-09/23/91	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/23/91-09/23/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/23/91-09/23/91	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/23/91-09/23/91	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/23/91-09/23/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/07/62-03/23/64	87	14400.	14325.287	16900.	9700.	1091911.254	1044.946	13200.	13800.	14900.	15600.
01002	ARSENIC, TOTAL (UG/L AS AS)	09/23/91-09/23/91	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	09/23/91-09/23/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	09/23/91-09/23/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/23/91-09/23/91	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/23/91-09/23/91	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/23/91-09/23/91	1 ##	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
01059	THALLIUM, TOTAL (UG/L AS TL)	09/23/91-09/23/91	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	09/23/91-09/23/91	1 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	09/23/91-09/23/91	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/23/91-09/23/91	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01097	ANTIMONY, TOTAL (UG/L AS SB)	09/23/91-09/23/91	1 ##	30.	30.	30.	30.	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	09/23/91-09/23/91	1 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/07/62-08/13/64	46	350.	949.891	7000.	5.	1911008.366	1382.392	34.2	115.	1055.	3230.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/07/62-08/13/64	46	2.544	2.524	3.845	0.699	0.52	0.721	1.533	2.059	3.001	3.509
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			334.295								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/07/62-09/10/63	76	490.	1099.276	9200.	20.	2252987.083	1500.995	114.7	250.	1300.	2950.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/07/62-09/10/63	76	2.69	2.737	3.964	1.301	0.294	0.542	2.049	2.397	3.114	3.469
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			545.369								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/07/62-09/10/63	70	230.	503.4	3500.	10.	516859.693	718.93	24.	80.	540.	1570.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/07/62-09/10/63	70	2.362	2.337	3.544	1.	0.373	0.611	1.377	1.903	2.732	3.195
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			217.089								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/63-08/13/64	48	46.	158.958	1200.	2.	64925.615	254.805	2.	13.	147.5	623.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/63-08/13/64	48	1.662	1.656	3.079	0.301	0.601	0.776	0.301	1.11	2.169	2.794
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			45.324								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GATE0391

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/07/62-08/13/64	88	14.	49.898	610.	2.	10590.76	102.911	2.	5.	44.	142.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/07/62-08/13/64	88	1.142	1.186	2.785	0.301	0.427	0.654	0.301	0.699	1.643	2.152
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			15.349								
70305	SALINITY BASED ON CONDUCTIVITY	08/02/67-08/02/67	1	24.5	24.5	24.5	24.5	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	09/23/91-09/23/91	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0391

				Total	Exceed	Prop.	----------8/01-10/31----------			----------11/01-3/31----------			----------4/01-7/31----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	90	0	0.00	31	0	0.00	19	0	0.00	40	0	0.00			
00400	PH	Other-Hi Lim.	9.	3	0	0.00	2	0	0.00	1	0	0.00						
		Other-Lo Lim.	6.5	3	0	0.00	2	0	0.00	1	0	0.00						
01002	ARSENIC, TOTAL	Marine Acute	69.	1	0	0.00	1	0	0.00									
01027	CADMIUM, TOTAL	Marine Acute	43.	1	0	0.00	1	0	0.00									
01042	COPPER, TOTAL	Marine Acute	2.9	0 &	0	0.00												
01051	LEAD, TOTAL	Marine Acute	220.	1	0	0.00	1	0	0.00									
01059	THALLIUM, TOTAL	Marine Acute	2130.	1	0	0.00	1	0	0.00									
01067	NICKEL, TOTAL	Marine Acute	75.	1	0	0.00	1	0	0.00									
01077	SILVER, TOTAL	Marine Acute	0.12	0 &	0	0.00												
01092	ZINC, TOTAL	Marine Acute	95.	1	0	0.00	1	0	0.00									
01097	ANTIMONY, TOTAL	Marine Acute	1500.	1	0	0.00	1	0	0.00									
01147	SELENIUM, TOTAL	Marine Acute	300.	1	0	0.00	1	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	46	11	0.24	24	3	0.13	10	4	0.40	12	4	0.33			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	76	22	0.29	30	6	0.20	16	3	0.19	30	13	0.43			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	70	40	0.57	24	13	0.54	16	8	0.50	30	19	0.63			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	48	10	0.21	10	2	0.20	6	1	0.17	32	7	0.22			
71900	MERCURY, TOTAL	Marine Acute	2.1	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0392

NPS Station ID: GATE0392 LAT/LON: 40.648726/ -74.053087 Agency: 11NYCOR Date Created: 09/08/79
Location: AMBROSE CHNL,SOUTHWEST OF BAY RIDGE CHNL. FIPS State/County: 36047 NEW YORK/KINGS
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): NYCOR164
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02030201 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METRO AREA ECO Region:
RF1 Index: 02030201 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 02030201000100.00 RF3 Mile Point: 0.05 Distance from RF3: 0.63 On/Off RF3:
Description:
NEW YORK CORPS OF ENGINEERS DREDGING STUDIES

Parameter Inventory for Station: GATE0392

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	09/15/77-09/15/77	1	2.44	2.44	2.44	2.44	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/15/77-09/15/77	1	2.91	2.91	2.91	2.91	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/15/77-09/15/77	1	71.3	71.3	71.3	71.3	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/15/77-09/15/77	1	53.48	53.48	53.48	53.48	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/15/77-09/15/77	1	90.07	90.07	90.07	90.07	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/15/77-09/15/77	1	20.64	20.64	20.64	20.64	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	09/15/77-09/15/77	1	170.76	170.76	170.76	170.76	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/15/77-09/15/77	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/15/77-09/15/77	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GATE0393

NPS Station ID: GATE0393 LAT/LON: 40.487504/ -74.054448 Agency: 21NJDEP1 Date Created: 08/22/81
Location: RARITAN BAY FIPS State/County: 34025 NEW JERSEY/MONMOUTH
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): L7022037317 /45 /SF01046
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02030104 Depth of Water: 26 Aquifer:
Major Basin: NORTHEAST MAJOR BASIN Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON RIVER - N.Y. METRO AREA ECO Region:
RF1 Index: 02030104 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:
TIDE ORIGIN: SANDY HOOK, N.J. TIDE CORRECTION (H/L): (-0:01/ 0:00)
ASSOCIATED NOAA WEATHER STATION: 7865

Parameter Inventory for Station: GATE0393

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/01/75-02/28/92	49	18.	14.853	25.	2.7	59.945	7.742	2.8	7.55	22.	24.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-02/28/92	131	22.	19.405	36.	-2.	83.624	9.145	6.	11.	27.	30.
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-02/28/92	138	4.	5.188	20.	0.	18.767	4.332	1.	2.	8.	12.
00480	SALINITY - PARTS PER THOUSAND	03/15/82-11/16/82	15	24.1	24.36	29.9	20.9	6.684	2.585	20.96	22.4	25.7	28.64
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-03/12/90	108	230.	1260.764	24000.	1.5	9948061.754	3154.055	9.	43.	885.	2620.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-03/12/90	108	2.362	2.277	4.38	0.176	0.881	0.939	0.954	1.633	2.945	3.408
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			189.18								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-03/12/90	107	36.	206.121	2400.	1.5	201655.749	449.061	3.8	9.	230.	554.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-03/12/90	107	1.556	1.565	3.38	0.176	0.732	0.856	0.577	0.954	2.362	2.724
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			36.753								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/09/90-02/28/92	15	3.6	21.88	240.	1.5	3750.85	61.244	1.5	1.5	9.1	121.8
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	05/09/90-02/28/92	15	0.556	0.651	2.38	0.176	0.396	0.629	0.176	0.176	0.959	1.932
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			4.48								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-02/28/92	140	11031.5	6508.964	11531.	1023.	24857715.675	4985.751	1221.3	1329.5	11240.	11438.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0393

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	108	23	0.21	35	9	0.26	28	7	0.25	45	7	0.16			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	107	29	0.27	35	9	0.26	27	11	0.41	45	9	0.20			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1975 - Station GATE0393

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-02/28/92	5	7.	6.8	10.	2.	11.7	3.421	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-03/12/90	5	240.	686.6	2400.	93.	934587.8	966.741	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-03/12/90	5	2.38	2.554	3.38	1.968	0.274	0.524	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			358.406								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-03/12/90	5	23.	105.6	240.	4.	15107.3	122.912	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-03/12/90	5	1.362	1.609	2.38	0.602	0.587	0.766	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			40.671								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-02/28/92	5	1400.	5193.	11045.	1230.	28542682.5	5342.535	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GATE0393

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-02/28/92	15	24.	24.733	33.	19.	15.638	3.955	19.6	22.	26.	31.2
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-02/28/92	13	3.	4.538	10.	1.	11.603	3.406	1.	2.	7.5	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-03/12/90	15	93.	565.767	4600.	1.5	1601433.602	1265.478	6.	23.	240.	3280.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-03/12/90	15	1.968	1.989	3.663	0.176	0.779	0.883	0.643	1.362	2.38	3.493
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			97.578								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-03/12/90	15	9.	226.633	2400.	1.5	377051.588	614.045	3.	4.	93.	1236.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-03/12/90	15	0.954	1.408	3.38	0.176	0.813	0.902	0.432	0.602	1.968	2.95
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			25.567								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-02/28/92	15	1515.	5378.333	11515.	1230.	25293673.81	5029.282	1230.	1430.	11230.	11464.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station GATE0393

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-02/28/92	7	24.	26.571	34.	20.	31.619	5.623	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-02/28/92	7	5.	5.143	9.	2.	5.476	2.34	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-03/12/90	7	460.	543.929	2400.	1.5	720722.036	848.953	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-03/12/90	7	2.663	1.912	3.38	0.176	1.537	1.24	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			81.643								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-03/12/90	7	93.	144.143	460.	1.5	29420.393	171.524	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-03/12/90	7	1.968	1.452	2.663	0.176	1.26	1.122	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			28.304								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-02/28/92	7	1500.	4258.571	11530.	1245.	23683439.286	4866.563	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station GATE0393

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-02/28/92	7	25.	25.143	30.	20.	10.81	3.288	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-02/28/92	7	5.	4.429	7.	1.	3.619	1.902	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-03/12/90	7	93.	1979.714	11000.	3.	16566811.238	4070.235	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-03/12/90	7	1.968	2.24	4.041	0.477	1.404	1.185	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			173.683								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-03/12/90	7	43.	153.357	930.	1.5	117652.893	343.006	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-03/12/90	7	1.633	1.372	2.968	0.176	0.825	0.908	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			23.529								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-02/28/92	7	1515.	4242.143	11345.	1245.	23177015.476	4814.251	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station GATE0393

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-02/28/92	26	15.5	14.731	32.	4.	79.305	8.905	4.7	6.	24.25	27.6
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-02/28/92	26	8.	8.923	20.	1.	34.394	5.865	2.	3.75	15.	16.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-03/12/90	21	430.	1982.238	11000.	15.	10926426.39	3305.515	19.2	91.	2400.	9720.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-03/12/90	21	2.633	2.617	4.041	1.176	0.811	0.901	1.252	1.959	3.38	3.966
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			413.544								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-03/12/90	20	39.5	152.85	1100.	4.	68277.503	261.3	9.6	15.	210.	457.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-03/12/90	20	1.595	1.709	3.041	0.602	0.438	0.662	0.976	1.176	2.315	2.66
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			51.198								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-02/28/92	26	11170.	7072.077	11500.	1215.	25410406.554	5040.874	1219.	1317.25	11320.	11443.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station GATE0393

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-02/28/92	6	10.5	10.667	23.	3.	52.267	7.23	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-02/28/92	7	2.	3.143	7.	1.	5.143	2.268	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-03/12/90	7	430.	1074.286	4600.	150.	2526995.238	1589.653	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-03/12/90	7	2.633	2.735	3.663	2.176	0.263	0.512	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			542.711								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-03/12/90	7	43.	274.143	950.	15.	124969.143	353.51	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-03/12/90	7	1.633	1.97	2.978	1.176	0.573	0.757	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			93.222								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-02/28/92	7	11113.	8409.429	11508.	1203.	23594634.286	4857.431	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GATE0393

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-02/28/92	14	25.	18.5	35.	-2.	152.423	12.346	4.5	8.	28.25	32.5
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-02/28/92	14	2.	2.857	9.	1.	6.286	2.507	1.	1.	3.5	8.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-03/12/90	12	430.	2942.75	24000.	15.	45953413.841	6778.895	21.3	91.	2400.	18180.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-03/12/90	12	2.633	2.662	4.38	1.176	0.856	0.925	1.29	1.959	3.38	4.165
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			459.316								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-03/12/90	12	63.5	471.5	2400.	15.	522936.455	723.143	15.	18.75	930.	1959.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-03/12/90	12	1.758	2.06	3.38	1.176	0.683	0.826	1.176	1.251	2.968	3.257
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			114.913								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-02/28/92	14	11110.	7009.143	11454.	1116.	26491046.747	5146.945	1170.	1306.	11364.25	11452.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GATE0393

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-02/28/92	13	23.	21.154	36.	5.	91.808	9.582	6.6	13.5	29.5	34.4
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-02/28/92	13	3.	2.923	10.	0.	6.91	2.629	0.4	1.	4.	8.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-03/12/90	9	230.	1742.667	11000.	4.	12586179.	3547.701	4.	230.	1665.	11000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-03/12/90	9	2.362	2.564	4.041	0.602	0.879	0.937	0.602	2.362	3.174	4.041
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			366.112								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-03/12/90	9	150.	452.5	2400.	1.5	614974.875	784.203	1.5	19.	580.	2400.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-03/12/90	9	2.176	1.992	3.38	0.176	0.944	0.971	0.176	1.269	2.665	3.38
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			98.241								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GATE0393

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-02/28/92	13	11108.	7413.923	11457.	1219.	25169653.577	5016.937	1232.2	1342.5	11225.5	11451.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GATE0393

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-02/28/92	11	18.	18.182	30.	5.	87.164	9.336	5.4	11.	29.	30.
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-02/28/92	14	4.	5.286	15.	1.	18.374	4.286	1.	1.75	8.5	12.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-03/12/90	11	93.	175.818	430.	9.	33157.764	182.093	9.	15.	430.	430.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-03/12/90	11	1.968	1.862	2.633	0.954	0.494	0.703	0.954	1.176	2.633	2.633
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			72.846								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-03/12/90	11	9.	34.682	230.	1.5	4884.514	69.889	1.8	4.	15.	202.6
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-03/12/90	11	0.954	0.984	2.362	0.176	0.425	0.652	0.236	0.602	1.176	2.283
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.647								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-02/28/92	14	11119.5	7749.286	11531.	1236.	24611228.066	4960.97	1247.	1398.5	11436.5	11516.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GATE0393

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-02/28/92	8	21.	19.875	32.	6.	79.268	8.903	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-02/28/92	8	3.5	5.	12.	1.	15.429	3.928	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-03/12/90	7	93.	435.786	2400.	1.5	769002.821	876.928	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-03/12/90	7	1.968	1.727	3.38	0.176	1.253	1.12	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			53.374								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-03/12/90	7	23.	53.714	230.	1.5	7071.821	84.094	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-03/12/90	7	1.362	1.144	2.362	0.176	0.737	0.859	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			13.931								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-02/28/92	8	11186.	8737.75	11410.	1150.	21494144.786	4636.178	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0393

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-02/28/92	7	16.	19.714	29.	12.	52.905	7.274	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-02/28/92	7	5.	7.	14.	1.	20.333	4.509	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-03/12/90	5	43.	252.6	1100.	4.	225502.3	474.871	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-03/12/90	5	1.633	1.721	3.041	0.602	0.798	0.894	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			52.653								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-03/12/90	5	4.	103.	460.	4.	40113.	200.282	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-03/12/90	5	0.602	1.22	2.663	0.602	0.85	0.922	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			16.614								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-02/28/92	7	1414.	5529.286	11346.	1023.	28492299.238	5337.818	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0393

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-02/28/92	9	20.	19.111	27.	7.	67.611	8.223	7.	11.	27.	27.
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-02/28/92	9	2.	3.333	10.	1.	11.5	3.391	1.	1.	6.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-03/12/90	2	93.	93.	93.	93.	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-03/12/90	2	1.968	1.968	1.968	1.968	0.	0.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			93.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-03/12/90	2	33.	33.	43.	23.	200.	14.142	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-03/12/90	2	1.498	1.498	1.633	1.362	0.037	0.192	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			31.448								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-02/28/92	9	1357.	4548.667	11120.	1123.	24096991.75	4908.869	1123.	1210.5	11079.	11120.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0393

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-02/28/92	6	27.	23.667	31.	10.	65.067	8.066	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-02/28/92	6	2.5	2.667	5.	1.	2.667	1.633	**	**	**	**
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-02/28/92	6	1330.5	4545.833	11232.	1123.	26040503.767	5102.99	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0393

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-02/28/92	2	8.5	8.5	9.	8.	0.5	0.707	**	**	**	**
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-02/28/92	2	7.5	7.5	12.	3.	40.5	6.364	**	**	**	**
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-02/28/92	2	11275.5	11275.5	11521.	11030.	120540.5	347.189	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0393

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/01/75-02/28/92	17	22.	20.971	25.	17.	5.515	2.348	17.	19.	22.25	24.2
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-02/28/92	44	24.	23.659	34.	10.	27.625	5.256	16.	20.	27.	29.5
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-02/28/92	45	4.	4.844	12.	1.	9.725	3.119	1.	3.	7.	10.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-03/12/90	35	230.	1083.186	11000.	1.5	4536961.972	2130.015	15.	36.	1100.	3280.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-03/12/90	35	2.362	2.282	4.041	0.176	0.877	0.937	1.176	1.556	3.041	3.493
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			191.399								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-03/12/90	35	36.	211.8	2400.	1.5	203392.091	450.99	4.	9.	210.	648.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-03/12/90	35	1.556	1.63	3.38	0.176	0.681	0.825	0.602	0.954	2.322	2.785
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			42.629								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-02/28/92	47	1530.	6206.957	11530.	1123.	25259201.694	5025.853	1218.	1339.	11248.	11463.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0393

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/01/75-02/28/92	9	2.8	3.689	9.5	2.7	4.831	2.198	2.7	2.8	3.45	9.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-02/28/92	37	7.	7.514	15.	-2.	12.201	3.493	4.	5.	10.	12.4
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-02/28/92	37	4.	5.946	20.	1.	31.497	5.612	1.	1.5	9.	15.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-03/12/90	28	430.	1697.429	11000.	7.	8892988.995	2982.111	36.	150.	2032.5	5240.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-03/12/90	28	2.633	2.655	4.041	0.845	0.593	0.77	1.556	2.176	3.277	3.701
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			451.704								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-03/12/90	27	43.	291.519	2400.	4.	271953.567	521.492	4.	15.	240.	964.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-03/12/90	27	1.633	1.864	3.38	0.602	0.635	0.797	0.602	1.176	2.38	2.983
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			73.102								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-02/28/92	37	11109.	6966.162	11521.	1023.	25112496.584	5011.237	1223.	1320.	11318.	11446.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0393

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/01/75-02/28/92	23	16.	14.7	25.	4.4	45.089	6.715	4.88	9.6	20.	24.6
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/77-02/28/92	50	26.	24.46	36.	13.	39.549	6.289	15.05	19.25	29.25	32.
00035	WIND VELOCITY (MILES PER HOUR)	04/01/75-02/28/92	56	3.5	4.964	15.	0.	17.817	4.221	1.	2.	8.	12.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/01/75-03/12/90	45	93.	1127.178	24000.	1.5	15064307.774	3881.277	3.6	18.	410.	2400.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/01/75-03/12/90	45	1.968	2.038	4.38	0.176	0.951	0.975	0.552	1.249	2.612	3.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			109.081								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-03/12/90	45	15.	150.467	2400.	1.5	160272.039	400.34	1.5	4.	93.	328.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/01/75-03/12/90	45	1.176	1.336	3.38	0.176	0.75	0.866	0.176	0.602	1.968	2.493
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			21.678								
70211	TIDE, HIGH OR LOW,BEFORE OR AFTER,HOUR,MINUTE	04/01/75-02/28/92	56	11043.	6460.357	11531.	1116.	25038111.397	5003.81	1224.5	1319.	11230.	11423.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0394

NPS Station ID: GATE0394
LAT/LON: 40.573616/ -74.054726
Agency: 1111H030
Date Created: / /
Location: RARITAN BAY (37)
FIPS State/County: 36085 NEW YORK/RICHMOND
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): 403425007403170/037 /37
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02030104
Depth of Water: 7
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-N.Y. METROPOLI
ECO Region:
RF1 Index: 02030104
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0394

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/11/63-08/13/64	6	17.7	15.95	24.4	5.	71.631	8.464	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/11/63-08/13/64	6	17.5	16.667	27.	3.	93.067	9.647	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/23/64-08/13/64	5	6.3	5.5	7.6	1.	6.69	2.587	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	06/04/64-07/29/64	2	3.	3.	4.6	1.4	5.12	2.263	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	06/04/64-07/29/64	2	113.	113.	117.	109.	32.	5.657	**	**	**	**
00400	PH (STANDARD UNITS)	03/23/64-08/13/64	2	7.55	7.55	7.6	7.5	0.005	0.071	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/23/64-08/13/64	2	7.547	7.547	7.6	7.5	0.005	0.071	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/23/64-08/13/64	2	0.028	0.028	0.032	0.025	0.	0.005	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	07/29/64-07/29/64	1	0.62	0.62	0.62	0.62	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/04/64-01/09/93	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/04/64-07/29/64	2	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/04/64-07/29/64	2	0.055	0.055	0.09	0.02	0.002	0.049	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/04/64-07/29/64	2	0.655	0.655	0.68	0.63	0.001	0.035	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/23/64-07/29/64	3	12400.	13266.667	15200.	12200.	2813333.333	1677.299	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	12/11/63-08/13/64	5	5300.	7354.	18000.	870.	47300080.	6877.505	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	12/11/63-08/13/64	5	3.724	3.667	4.255	2.94	0.263	0.513	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4643.102								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/11/63-08/13/64	5	390.	572.	1300.	260.	183970.	428.917	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/11/63-08/13/64	5	2.591	2.676	3.114	2.415	0.08	0.282	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			474.774								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	12/11/63-08/13/64	5	120.	151.6	490.	2.	39186.8	197.957	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	12/11/63-08/13/64	5	2.079	1.678	2.69	0.301	0.874	0.935	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			47.61								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0394

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	5	1	0.20	1	0	0.00	1	1	1.00	3	0	0.00			
00400	PH	Other-Hi Lim.	9.	2	0	0.00	1	0	0.00	1	0	0.00						
		Other-Lo Lim.	6.5	2	0	0.00	1	0	0.00	1	0	0.00						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	5	4	0.80	1	1	1.00	2	1	0.50	2	2	1.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	5	5	1.00	1	1	1.00	2	2	1.00	2	2	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0395

NPS Station ID: GATE0395 LAT/LON: 40.644170/ -74.055838 Agency: 31ISC2RS Date Created: 11/07/81
Location: UPPER NEW YORK BAY NEAR 69 ST FERRY DOCK (BKLYN) FIPS State/County: 36047 NEW YORK/KINGS
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): UH-18 /UH18 /1418
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02030201 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METROPOLITAN AREA ECO Region:
RF1 Index: 02030201 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:
ER NEW YORK BAY , MID-CHANNEL OFF 69TH STREET FERRY DOCK IN BROOKLYN E-W: 2 GAS HOLDERS AT REAR OF 69TH STREET (BROOKLYN) AND 2 TALL SMOKESTACKS ON CONSTABLE HOOK (N.J.) N-S: LINE FORMED BY RED BOUYS #24, 26 AND 28 ON MAIN SHIP CHANNEL

Parameter Inventory for Station: GATE0395

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/74-06/19/74	9	7.5	9.522	19.6	2.5	39.792	6.308	2.5	3.7	15.65	19.6
00300	OXYGEN, DISSOLVED MG/L	01/16/74-06/19/74	9	9.	7.811	10.1	3.8	5.676	2.382	3.8	5.7	9.7	10.1
00310	BOD, 5 DAY, 20 DEG C MG/L	01/16/74-06/19/74	9	2.3	2.322	3.3	1.6	0.269	0.519	1.6	1.95	2.65	3.3
00940	CHLORIDE,TOTAL IN WATER MG/L	01/16/74-06/19/74	9	10200.	10455.556	13100.	5900.	5695277.778	2386.478	5900.	9050.	12600.	13100.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0395

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	9	1	0.11				3	0	0.00	6	1	0.17			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0396

NPS Station ID: GATE0396
LAT/LON: 40.636392/ -74.056392
Agency: 1111H030
Date Created: / /
Location: NARROWS (106)
FIPS State/County: 36085 NEW YORK/RICHMOND
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): 403811007403230/106
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030201
Depth of Water: 46
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-N.Y. METROPOLI
ECO Region:
RF1 Index: 02030201
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0396

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/63-06/05/67	22	19.	17.2	22.7	4.4	26.398	5.138	6.62	14.375	20.425	21.57
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/16/63-03/16/64	21	20.	20.333	31.	6.	65.433	8.089	6.8	15.	29.	30.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/16/63-06/05/67	15	30500.	30106.667	32500.	25400.	3306380.952	1818.346	27320.	28800.	31200.	32320.
00300	OXYGEN, DISSOLVED MG/L	06/16/63-06/05/67	23	4.1	4.648	9.5	2.8	3.164	1.779	3.14	3.7	4.7	8.52
00310	BOD, 5 DAY, 20 DEG C MG/L	06/16/63-03/16/64	20	1.8	1.815	2.6	1.2	0.205	0.452	1.3	1.325	2.225	2.49
00340	COD, .25N K2CR2O7 MG/L	03/16/64-06/05/67	3	131.	127.667	138.	114.	152.333	12.342	**	**	**	**
00400	PH (STANDARD UNITS)	03/16/64-06/05/67	3	7.6	7.6	7.8	7.4	0.04	0.2	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/16/64-06/05/67	3	7.6	7.57	7.8	7.4	0.041	0.203	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/16/64-06/05/67	3	0.025	0.027	0.04	0.016	0.	0.012	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/16/64-03/16/64	2	0.455	0.455	0.55	0.36	0.018	0.134	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/16/63-03/16/64	18	0.055	0.054	0.11	0.01	0.001	0.024	0.019	0.04	0.07	0.092
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/12/63-03/16/64	16	0.135	0.131	0.22	0.04	0.004	0.064	0.047	0.073	0.18	0.22
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/16/63-03/16/64	18	0.685	0.706	1.1	0.43	0.027	0.165	0.493	0.58	0.78	1.001
00940	CHLORIDE,TOTAL IN WATER MG/L	06/16/63-06/05/67	19	14500.	14142.105	16000.	9700.	2504795.322	1582.655	11000.	13900.	15100.	15700.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/16/63-06/05/67	21	44000.	123614.286	570000.	7900.	27394504285.714	165512.852	24200.	27500.	176500.	450000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/16/63-06/05/67	21	4.643	4.79	5.756	3.898	0.248	0.498	4.384	4.439	5.175	5.649
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			61619.604								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/05/67-06/05/67	1	14300.	14300.	14300.	14300.	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/05/67-06/05/67	1	4.155	4.155	4.155	4.155	0.	0.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			14300.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/05/67-06/05/67	1	7900.	7900.	7900.	7900.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/05/67-06/05/67	1	3.898	3.898	3.898	3.898	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7900.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/63-11/26/63	20	8250.	14170.	48000.	1100.	189902210.526	13780.501	4300.	6400.	14250.	40700.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/63-11/26/63	20	3.916	3.989	4.681	3.041	0.148	0.385	3.633	3.806	4.152	4.609
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			9748.835								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/63-11/26/63	20	645.	803.	2700.	120.	526516.842	725.615	132.	282.5	1000.	2340.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/16/63-11/26/63	20	2.809	2.745	3.431	2.079	0.155	0.394	2.12	2.451	3.	3.368
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			555.828								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/05/67-06/05/67	1	9.	9.	9.	9.	0.	0.	**	**	**	**
70305	SALINITY BASED ON CONDUCTIVITY	06/05/67-06/05/67	1	25.4	25.4	25.4	25.4	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0396

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	23	11	0.48	15	10	0.67	6	1	0.17	2	0	0.00			
00400	PH	Other-Hi Lim.	9.	3	0	0.00				2	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	3	0	0.00				2	0	0.00	1	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	21	21	1.00	15	15	1.00	4	4	1.00	2	2	1.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	1	1	1.00							1	1	1.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	1	1	1.00							1	1	1.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	20	20	1.00	15	15	1.00	4	4	1.00	1	1	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0397

NPS Station ID: GATE0397
LAT/LON: 40.597337/ -74.057004
Agency: 11NPSWRD
Date Created: 12/21/96
Location: Fort Wadsworth
FIPS State/County: 36085 NEW YORK/RICHMOND
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): GATE_SI-1 /FW-1
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METROPOLITAN AREA
ECO Region:
RF1 Index: 02030104
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
Station is located at Fort Wadsworth on Staten Island south of the Verrazano-Narrows Bridge. The station can be found on the USGS 7.5 minute The Narrows N.Y.-N.J. quadrangle. To reach the site: Take Father Capodanno to Lily Pond Ave. then to Bay Street. Pass the Guard Booth on New York Avenue and follow Tennessee Road. Turn left and follow road to end. Turn left again and look for the first beach path on right side of the road. Traverse beach southward to shore to take sample. For additional information on the water quality data stored at this station; contact the Division of Natural Resources at Gateway National Recreation Area - Building 210; Fort Wadsworth; Staten Island N.Y. 10305 (tel. 718-448-5505; fax. 718-448-4015). The park produces an Annual Report summarizing each year's monitoring activities. Data processed and uploaded to STORET by Dean Tucker; NPS Water Resources Division; 1201 Oak Ridge Drive Ste. 250; Fort Collins CO 80525 (tel. 970-225-3516; fax. 970-225-9965).

Parameter Inventory for Station: GATE0397

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/26/80-08/27/96	41	183.	656.439	5422.	0.	1577528.802	1255.997	29.	62.	477.5	2611.2
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/26/80-08/27/96	41	2.262	2.245	3.734	0.	0.631	0.794	1.462	1.791	2.679	3.417
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			175.678								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/80-08/27/96	41	29.	847.756	25800.	0.	16412294.489	4051.209	0.	0.	101.5	706.8
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/80-08/27/96	41	1.462	1.344	4.412	0.	1.392	1.18	0.	0.	2.002	2.845
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			22.071								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0397

				Total	Exceed	Prop.	----------8/01-10/31----------			----------11/01-3/31----------			----------4/01-7/31----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	41	5	0.12	17	3	0.18				24	2	0.08			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	41	7	0.17	17	5	0.29				24	2	0.08			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0397

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/26/80-08/27/96	17	203.	994.882	5422.	0.	3060669.235	1749.477	0.	29.	782.5	4702.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/26/80-08/27/96	17	2.307	2.154	3.734	0.	1.218	1.103	0.	1.462	2.893	3.671
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			142.449								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/80-08/27/96	17	33.	369.706	3989.	0.	917394.471	957.807	0.	0.	337.5	1400.2
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/80-08/27/96	17	1.519	1.512	3.601	0.	1.352	1.163	0.	0.	2.528	3.022
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			32.483								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0397

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/26/80-08/27/96	24	174.5	416.708	2639.	29.	469734.737	685.372	43.5	116.	355.	1627.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/26/80-08/27/96	24	2.241	2.309	3.421	1.462	0.239	0.489	1.613	2.064	2.549	3.138
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			203.806								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/80-08/27/96	24	29.	1186.375	25800.	0.	27616370.332	5255.128	0.	0.	87.	971.5
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/80-08/27/96	24	1.462	1.225	4.412	0.	1.446	1.202	0.	0.	1.94	2.708
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			16.786								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0398

NPS Station ID: GATE0398
LAT/LON: 40.633337/ -74.056948
Agency: 1111H030
Date Created: / /
Location: HUDSON RIVER (108)
FIPS State/County: 36047 NEW YORK/KINGS
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): 403800007403250/108
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030201
Depth of Water: 45
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-N.Y. METROPOLI
ECO Region:
RF1 Index: 02030201
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0398

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/16/64-03/28/73	71	11.3	11.848	24.8	1.1	56.803	7.537	3.02	4.7	19.2	22.58
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/16/64-10/31/72	64	16.5	16.264	33.5	0.	72.687	8.526	5.5	7.625	24.	26.5
00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/24/66-03/28/73	39	4.	4.903	21.	1.	12.362	3.516	1.8	2.4	6.2	8.8
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	03/18/69-01/29/70	8	4.15	5.7	15.	2.6	15.96	3.995	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/21/72-03/28/73	8	22200.	23237.5	35400.	13050.	50180535.714	7083.822	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/29/68-03/28/73	43	36200.	34603.558	49070.	19400.	46532181.252	6821.45	23424.4	29160.	39510.	41680.
00300	OXYGEN, DISSOLVED MG/L	03/16/64-03/28/73	71	6.1	6.532	10.6	1.8	6.946	2.636	2.94	4.2	9.2	9.78
00310	BOD, 5 DAY, 20 DEG C MG/L	03/16/64-03/20/68	11	2.2	2.255	2.8	1.6	0.191	0.437	1.62	2.	2.8	2.8
00340	COD, .25N K2CR2O7 MG/L	03/16/64-09/20/66	23	120.	112.696	192.	14.	2582.767	50.821	24.6	93.	146.	178.8
00380	CHLORINE DEMAND, 24 HOUR (MG/L)	01/06/65-01/06/65	1	4.7	4.7	4.7	4.7	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	03/16/64-11/30/71	26	7.5	7.438	8.2	6.4	0.182	0.427	6.77	7.175	7.8	7.93
00400	CONVERTED PH (STANDARD UNITS)	03/16/64-11/30/71	26	7.5	7.209	8.2	6.4	0.237	0.487	6.77	7.175	7.8	7.93
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/16/64-11/30/71	26	0.032	0.062	0.398	0.006	0.007	0.083	0.012	0.016	0.067	0.171
00480	SALINITY - PARTS PER THOUSAND	03/28/73-03/28/73	2	18.5	18.5	21.9	15.1	23.12	4.808	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/16/64-09/20/66	6	0.335	0.303	0.58	0.03	0.04	0.2	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/16/64-09/20/66	24	0.03	0.04	0.09	0.01	0.	0.022	0.015	0.02	0.05	0.075
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/16/64-05/02/72	31	0.14	0.165	0.53	0.02	0.014	0.117	0.03	0.09	0.23	0.334
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/24/66-05/02/72	12	0.985	0.923	1.41	0.4	0.098	0.313	0.424	0.645	1.188	1.359
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/26/66-04/29/68	9	0.45	0.459	0.78	0.26	0.019	0.139	0.26	0.4	0.465	0.78
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/16/64-07/09/68	26	0.47	0.577	1.45	0.2	0.107	0.327	0.254	0.36	0.638	1.26
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/21/72-05/02/72	4	0.145	0.145	0.18	0.11	0.001	0.029	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/29/68-03/28/73	44	4.	5.33	23.	1.4	14.598	3.821	2.	3.	7.	9.5
00910	CALCIUM (MG/L AS CACO3)	07/09/68-07/09/68	2	13400.	13400.	14600.	12200.	2880000.	1697.056	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/16/64-03/28/73	47	13400.	12688.979	15600.	6943.	5637234.456	2374.286	8400.8	11300.	14400.	15060.
01002	ARSENIC, TOTAL (UG/L AS AS)	05/02/72-05/02/72	2	6.	6.	6.	6.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/02/72-05/02/72	2	45.	45.	50.	40.	50.	7.071	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	04/29/68-04/29/68	2	275.	275.	410.	140.	36450.	190.919	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	04/29/68-09/17/68	6	170.	174.333	360.	45.	12250.667	110.683	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	04/29/68-09/17/68	6	88.	215.833	710.	33.	71015.367	266.487	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/06/65-10/31/72	63	31000.	44860.317	390000.	4000.	3215057270.865	56701.475	6620.	15000.	52000.	91600.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/06/65-10/31/72	63	4.491	4.45	5.591	3.602	0.175	0.419	3.819	4.176	4.716	4.962
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			28192.803								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/13/64-10/31/72	50	2750.	4341.8	25000.	400.	24219059.959	4921.286	640.	1300.	5025.	12800.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/13/64-10/31/72	50	3.439	3.434	4.398	2.602	0.177	0.421	2.805	3.114	3.701	4.107
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2714.651								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	01/26/66-09/20/66	9	450.	875.556	2800.	20.	912352.778	955.172	20.	160.	1550.	2800.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	01/26/66-09/20/66	9	2.653	2.619	3.447	1.301	0.444	0.666	1.301	2.204	3.171	3.447
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			415.666								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GATE0398

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	03/16/64-09/20/66	24	7.	6.958	21.	0.	31.868	5.645	0.	1.	10.	14.
70305	SALINITY BASED ON CONDUCTIVITY	04/29/68-10/31/72	42	22.85	21.976	27.1	11.6	15.85	3.981	14.66	20.175	25.025	25.74
71900	MERCURY, TOTAL (UG/L AS HG)	05/02/72-05/02/72	2	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0398

				Total	Exceed	Prop.	----------8/01-10/31----------			----------11/01-3/31----------			----------4/01-7/31----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	39	0	0.00	10	0	0.00	16	0	0.00	13	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	71	15	0.21	17	9	0.53	31	0	0.00	23	6	0.26			
00400	PH	Other-Hi Lim.	9.	26	0	0.00	5	0	0.00	12	0	0.00	9	0	0.00			
		Other-Lo Lim.	6.5	26	1	0.04	5	0	0.00	12	1	0.08	9	0	0.00			
01002	ARSENIC, TOTAL	Marine Acute	69.	2	0	0.00							2	0	0.00			
01040	COPPER, DISSOLVED	Marine Acute	2.9	2	2	1.00							2	2	1.00			
01090	ZINC, DISSOLVED	Marine Acute	95.	6	3	0.50	2	0	0.00				4	3	0.75			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	63	63	1.00	14	14	1.00	26	26	1.00	23	23	1.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	50	50	1.00	13	13	1.00	23	23	1.00	14	14	1.00			
71900	MERCURY, TOTAL	Marine Acute	2.1	2	0	0.00							2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1964 - Station GATE0398

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/16/64-03/28/73	4	6.55	8.225	15.4	4.4	26.989	5.195	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/16/64-10/31/72	4	6.	7.75	19.	0.	64.25	8.016	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/16/64-03/28/73	4	7.	7.225	9.8	5.1	5.249	2.291	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/13/64-10/31/72	2	1000.	1000.	1600.	400.	720000.	848.528	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/13/64-10/31/72	2	2.903	2.903	3.204	2.602	0.181	0.426	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			800.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1965 - Station GATE0398

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/16/64-03/28/73	11	14.	12.745	23.	1.5	69.143	8.315	1.8	4.7	22.5	22.9
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/16/64-10/31/72	10	20.	16.8	27.	5.	65.511	8.094	5.1	7.5	23.25	26.7
00300	OXYGEN, DISSOLVED MG/L	03/16/64-03/28/73	11	5.1	5.882	10.6	1.8	8.852	2.975	1.94	3.2	8.4	10.44
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/06/65-10/31/72	11	33000.	37027.273	94000.	4000.	989152181.818	31450.79	4120.	5600.	55000.	91600.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/06/65-10/31/72	11	4.519	4.342	4.973	3.602	0.281	0.531	3.614	3.748	4.74	4.961
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			21974.143								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1966 - Station GATE0398

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/16/64-03/28/73	9	14.	13.444	24.5	2.5	75.745	8.703	2.5	3.8	21.45	24.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/16/64-10/31/72	8	18.5	16.25	27.	0.	94.214	9.706	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/16/64-03/28/73	9	5.	5.922	9.7	2.9	7.759	2.786	2.9	3.55	9.3	9.7
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/06/65-10/31/72	9	33000.	52155.556	200000.	7400.	3612117777.778	60100.897	7400.	19500.	67500.	200000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/06/65-10/31/72	9	4.519	4.527	5.301	3.869	0.173	0.416	3.869	4.289	4.81	5.301
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			33631.586								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/13/64-10/31/72	9	4200.	6833.333	25000.	1900.	51742500.	7193.226	1900.	2650.	7900.	25000.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/13/64-10/31/72	9	3.623	3.691	4.398	3.279	0.12	0.346	3.279	3.423	3.896	4.398
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4911.12								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1968 - Station GATE0398

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/16/64-03/28/73	7	17.7	14.914	21.3	3.8	41.891	6.472	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/16/64-10/31/72	4	22.6	22.6	24.2	21.	3.413	1.848	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/16/64-03/28/73	7	6.	6.071	9.9	3.2	4.279	2.069	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/06/65-10/31/72	5	11000.	17620.	36000.	5300.	184402000.	13579.47	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/06/65-10/31/72	5	4.041	4.132	4.556	3.724	0.128	0.358	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			13559.533								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/13/64-10/31/72	1	1200.	1200.	1200.	1200.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/13/64-10/31/72	1	3.079	3.079	3.079	3.079	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1200.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1969 - Station GATE0398

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/16/64-03/28/73	10	18.	14.8	24.8	4.	63.927	7.995	4.1	6.725	21.275	24.68
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/16/64-10/31/72	10	18.	18.9	26.	10.	37.822	6.15	10.	14.5	24.875	26.
00300	OXYGEN, DISSOLVED MG/L	03/16/64-03/28/73	10	5.05	5.89	9.5	2.9	5.599	2.366	2.97	3.975	8.075	9.47
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/06/65-10/31/72	10	23500.	35100.	88000.	11000.	827655555.556	28769.003	11200.	13750.	55500.	87600.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/06/65-10/31/72	10	4.369	4.429	4.944	4.041	0.106	0.325	4.049	4.138	4.728	4.942
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			26865.734								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/13/64-10/31/72	10	2550.	3431.	15000.	490.	17720765.556	4209.604	503.	1055.	3350.	13880.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/13/64-10/31/72	10	3.406	3.34	4.176	2.69	0.178	0.422	2.7	3.007	3.524	4.116
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2186.652								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1970 - Station GATE0398

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/16/64-03/28/73	10	11.7	11.57	23.	1.1	71.298	8.444	1.1	3.725	19.175	22.97
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/16/64-10/31/72	10	15.	17.5	33.5	4.5	119.222	10.919	4.5	8.625	26.75	33.5
00300	OXYGEN, DISSOLVED MG/L	03/16/64-03/28/73	10	4.85	6.	9.7	2.8	7.716	2.778	2.83	3.625	8.825	9.68
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/06/65-10/31/72	10	56000.	96700.	390000.	17000.	12046900000.	109758.371	17400.	36000.	115000.	364000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/06/65-10/31/72	10	4.747	4.807	5.591	4.23	0.16	0.399	4.24	4.54	5.06	5.543
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			64102.728								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/13/64-10/31/72	10	4350.	6880.	17000.	2000.	30941777.778	5562.533	2020.	2725.	13250.	16700.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/13/64-10/31/72	10	3.635	3.716	4.23	3.301	0.114	0.338	3.305	3.432	4.122	4.222
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			5194.033								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1971 - Station GATE0398

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/16/64-03/28/73	6	4.8	5.5	8.6	2.3	5.912	2.431	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/16/64-10/31/72	6	13.	11.	14.	6.	15.2	3.899	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/16/64-03/28/73	6	8.15	8.133	9.2	7.	1.207	1.098	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/06/65-10/31/72	6	20000.	22166.667	40000.	11000.	108966666.667	10438.71	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/06/65-10/31/72	6	4.296	4.307	4.602	4.041	0.04	0.2	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			20285.268								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/13/64-10/31/72	6	2500.	3143.333	7300.	960.	5045666.667	2246.256	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/13/64-10/31/72	6	3.389	3.412	3.863	2.982	0.089	0.299	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2580.973								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station GATE0398

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/16/64-03/28/73	12	12.15	11.275	22.6	3.1	48.331	6.952	3.13	3.65	15.8	22.42
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/16/64-10/31/72	12	16.	15.958	27.	6.	84.748	9.206	6.3	7.	24.	27.
00300	OXYGEN, DISSOLVED MG/L	03/16/64-03/28/73	12	8.95	7.15	9.9	1.8	9.03	3.005	1.8	5.225	9.4	9.81
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/06/65-10/31/72	12	29000.	34200.	84000.	4400.	567970909.091	23832.14	6380.	14250.	51000.	78000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/06/65-10/31/72	12	4.458	4.416	4.924	3.643	0.133	0.365	3.763	4.154	4.705	4.889
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			26060.996								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/13/64-10/31/72	12	1300.	2535.	11000.	520.	9117681.818	3019.55	538.	865.	3125.	9350.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/13/64-10/31/72	12	3.114	3.213	4.041	2.716	0.155	0.394	2.73	2.935	3.489	3.951

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station GATE0398

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1633.104								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1973 - Station GATE0398

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/16/64-03/28/73	2	5.35	5.35	5.5	5.2	0.045	0.212	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/16/64-03/28/73	2	10.45	10.45	10.5	10.4	0.005	0.071	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0398

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/16/64-03/28/73	17	21.3	20.018	24.8	12.8	15.295	3.911	12.8	16.65	22.85	24.56
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/16/64-10/31/72	17	21.	21.824	33.5	6.	57.748	7.599	8.4	16.5	27.	33.5
00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/24/66-03/28/73	10	2.	2.34	4.	1.	1.043	1.021	1.02	1.65	3.225	3.99
00300	OXYGEN, DISSOLVED MG/L	03/16/64-03/28/73	17	3.4	3.871	9.	1.8	3.14	1.772	1.8	2.85	4.85	6.2
00400	PH (STANDARD UNITS)	03/16/64-11/30/71	5	6.9	7.	7.5	6.7	0.1	0.316	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/16/64-11/30/71	5	6.9	6.924	7.5	6.7	0.107	0.327	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/16/64-11/30/71	5	0.126	0.119	0.2	0.032	0.004	0.066	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/16/64-05/02/72	5	0.15	0.142	0.23	0.02	0.008	0.089	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/16/64-03/28/73	11	14000.	13937.273	15600.	12100.	1695681.818	1302.183	12100.	12300.	15000.	15540.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/06/65-10/31/72	14	62000.	63928.571	110000.	17000.	685763736.264	26187.091	24000.	44500.	84750.	99000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/06/65-10/31/72	14	4.792	4.762	5.041	4.23	0.048	0.218	4.361	4.648	4.928	4.993
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			57851.09								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/13/64-10/31/72	13	4900.	5600.	15000.	400.	23262400.	4823.111	472.	1010.	9100.	14200.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/13/64-10/31/72	13	3.69	3.527	4.176	2.602	0.275	0.524	2.667	2.996	3.949	4.151
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3367.576								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0398

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/16/64-03/28/73	31	4.4	5.	12.	1.1	7.565	2.75	1.66	3.1	7.3	8.68
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/16/64-10/31/72	26	7.25	8.673	18.	0.	22.479	4.741	3.15	6.	13.	15.9
00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/24/66-03/28/73	16	5.65	6.775	21.	2.5	18.079	4.252	2.99	4.775	8.125	12.6
00300	OXYGEN, DISSOLVED MG/L	03/16/64-03/28/73	31	9.2	8.519	10.6	4.2	2.654	1.629	5.58	7.3	9.7	10.3
00400	PH (STANDARD UNITS)	03/16/64-11/30/71	12	7.7	7.508	8.	6.4	0.208	0.456	6.61	7.225	7.8	7.97
00400	CONVERTED PH (STANDARD UNITS)	03/16/64-11/30/71	12	7.689	7.209	8.	6.4	0.306	0.553	6.61	7.225	7.8	7.97
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/16/64-11/30/71	12	0.02	0.062	0.398	0.01	0.012	0.108	0.011	0.016	0.06	0.303
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/16/64-05/02/72	12	0.145	0.178	0.53	0.03	0.021	0.144	0.03	0.06	0.26	0.464
00940	CHLORIDE,TOTAL IN WATER MG/L	03/16/64-03/28/73	21	13200.	12433.619	15400.	6943.	6668599.148	2582.363	7604.	10750.	14400.	15000.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/06/65-10/31/72	26	17000.	35146.154	390000.	4000.	5616676984.615	74944.493	4540.	10200.	27250.	62200.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/06/65-10/31/72	26	4.23	4.243	5.591	3.602	0.187	0.432	3.657	4.004	4.434	4.764
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			17492.481								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/13/64-10/31/72	23	2200.	3081.739	17000.	520.	11799924.111	3435.102	976.	1300.	2900.	6680.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/13/64-10/31/72	23	3.342	3.356	4.23	2.716	0.099	0.315	2.989	3.114	3.462	3.793
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2269.054								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0398

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/16/64-03/28/73	23	16.4	15.039	23.	4.8	30.996	5.567	5.48	10.7	19.3	22.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/16/64-10/31/72	21	23.	21.162	27.	5.	28.296	5.319	13.2	20.	24.35	24.5
00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/24/66-03/28/73	13	4.	4.569	8.8	1.7	5.497	2.345	1.82	2.3	6.2	8.48
00300	OXYGEN, DISSOLVED MG/L	03/16/64-03/28/73	23	5.5	5.822	9.8	2.5	4.633	2.152	3.36	4.	7.1	9.32
00400	PH (STANDARD UNITS)	03/16/64-11/30/71	9	7.6	7.589	8.2	7.2	0.081	0.285	7.2	7.4	7.7	8.2
00400	CONVERTED PH (STANDARD UNITS)	03/16/64-11/30/71	9	7.6	7.52	8.2	7.2	0.086	0.294	7.2	7.4	7.7	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/16/64-11/30/71	9	0.025	0.03	0.063	0.006	0.	0.016	0.006	0.02	0.04	0.063
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/16/64-05/02/72	14	0.14	0.161	0.42	0.03	0.011	0.106	0.04	0.105	0.18	0.38
00940	CHLORIDE,TOTAL IN WATER MG/L	03/16/64-03/28/73	15	13400.	12131.067	15500.	7300.	6128928.495	2475.667	8065.6	10200.	14100.	14780.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/06/65-10/31/72	23	33000.	44234.783	200000.	5300.	1929492371.542	43925.987	8060.	21000.	46000.	115600.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/06/65-10/31/72	23	4.519	4.494	5.301	3.724	0.138	0.372	3.888	4.322	4.663	5.058
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			31220.796								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/13/64-10/31/72	14	3050.	5243.571	25000.	490.	44577224.725	6676.618	555.	1375.	5875.	19500.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0398

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/13/64-10/31/72	14	3.484	3.475	4.398	2.69	0.224	0.474	2.741	3.138	3.765	4.272
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2983.486								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0399

NPS Station ID: GATE0399 | LAT/LON: 40.580559/ -74.058337 | Agency: 11NOAMID | Date Created: 11/16/78
Location: RARITAN BAY | FIPS State/County: 36085 NEW YORK/RICHMOND
Station Type: /TYPA/AMBNT/OCEAN | STORET Station ID(s): RARB36
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 02030104 | Depth of Water: 0 | Aquifer:
Major Basin: (3¢THEST | Elevation: 0 | Water Body Id:
Minor Basin: LOWER HUDSON NEW YORK METRO AREA | ECO Region:
RF1 Index: 02030104004 | RF1 Mile Point: 5.040 | Distance from RF1: 0.00 | On/Off RF1: OFF
RF3 Index: 02030202104200.00 | RF3 Mile Point: 0.00 | Distance from RF3: 4.93 | On/Off RF3:
Description:
TRACE METALS IN SEDIMENTS OF RARITAN BAY - GREIG AND MCGRATH - NOAA NATL MAR FISH SERV - MID ATLANTIC COAST FISH CEN MILFORD CT 1973
MARINE POLLUTION BULLETIN VOL 8 NO 8 AUG 1977

Parameter Inventory for Station: GATE0399

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	2	5.25	5.25	6.	4.5	1.125	1.061	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	2	155.	155.	160.	150.	50.	7.071	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	02/01/73-05/01/73	2	195.	195.	210.	180.	450.	21.213	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	02/01/73-05/01/73	2	185.	185.	200.	170.	450.	21.213	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	2	27.5	27.5	28.	27.	0.5	0.707	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	02/01/73-05/01/73	2	260.	260.	310.	210.	5000.	70.711	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GATE0400

NPS Station ID: GATE0400
LAT/LON: 40.587226/ -74.058893
Agency: 1111H030
Date Created: / /
Location: RARITAN BAY (36)
FIPS State/County: 36085 NEW YORK/RICHMOND
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): 403514007403320/036 /36
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030104
Depth of Water: 12
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-N.Y. METROPOLI
ECO Region:
RF1 Index: 02030104
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0400

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/13/63-11/08/65	79	15.5	13.897	25.	0.	50.484	7.105	2.5	7.	19.5	22.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/13/63-11/08/65	68	19.	18.912	35.	1.	83.932	9.161	4.	14.25	26.	30.2
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/23/63-09/10/63	12	31200.	31066.667	35800.	16200.	25587878.788	5058.446	20400.	30850.	33750.	35800.
00300	OXYGEN, DISSOLVED MG/L	02/13/63-11/08/65	77	6.9	7.164	14.4	3.4	5.229	2.287	4.38	5.55	9.15	10.3
00310	BOD, 5 DAY, 20 DEG C MG/L	03/05/63-11/08/65	41	1.7	1.954	4.8	0.1	0.958	0.979	0.86	1.35	2.4	3.38
00340	COD, .25N K2CR2O7 MG/L	02/03/64-09/29/64	5	126.	126.2	157.	98.	564.7	23.763	**	**	**	**
00400	PH (STANDARD UNITS)	03/23/64-03/23/64	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/23/64-03/23/64	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/23/64-03/23/64	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	07/29/64-07/29/64	1	0.43	0.43	0.43	0.43	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/03/64-01/10/93	3	0.81	0.65	0.9	0.24	0.128	0.358	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	02/03/64-09/29/64	5	0.04	0.038	0.07	0.02	0.	0.02	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/03/64-09/29/64	5	0.09	0.094	0.14	0.07	0.001	0.029	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	02/03/64-09/29/64	5	0.66	0.634	0.88	0.31	0.044	0.211	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	02/13/63-09/15/65	68	14000.	13785.441	16100.	8400.	1854956.519	1361.968	11980.	13500.	14600.	15200.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/08/63-11/08/65	28	8100.	16204.643	66000.	380.	382895685.053	19567.72	887.	2275.	23750.	56400.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/08/63-11/08/65	28	3.907	3.853	4.82	2.58	0.396	0.629	2.948	3.349	4.376	4.751
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			7130.848								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/13/63-09/10/63	47	3500.	6451.489	24000.	70.	41164812.951	6415.981	438.	1600.	9200.	16000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/13/63-09/10/63	47	3.544	3.52	4.38	1.845	0.359	0.599	2.625	3.204	3.964	4.204
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			3312.232								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/13/63-09/10/63	47	1100.	2287.234	16000.	50.	12736994.357	3568.893	230.	490.	2400.	5900.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/13/63-09/10/63	47	3.041	3.014	4.204	1.699	0.314	0.56	2.362	2.69	3.38	3.765
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1033.805								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/63-12/09/64	52	635.	3918.731	58000.	2.	99821949.024	9991.093	68.8	232.5	2275.	10690.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/63-12/09/64	52	2.802	2.835	4.763	0.301	0.799	0.894	1.835	2.361	3.357	3.997
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			683.316								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	02/13/63-08/11/64	64	120.	215.	1200.	8.	55957.46	236.553	20.	48.	300.	495.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	02/13/63-08/11/64	64	2.078	2.072	3.079	0.903	0.269	0.518	1.301	1.681	2.477	2.695
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			117.973								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0400

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	77	3	0.04	12	1	0.08	17	0	0.00	48	2	0.04			
00400	PH	Other-Hi Lim.	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	28	25	0.89	4	4	1.00	8	6	0.75	16	15	0.94			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	47	39	0.83	8	8	1.00	7	3	0.43	32	28	0.88			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	47	44	0.94	8	8	1.00	7	6	0.86	32	30	0.94			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	52	41	0.79	10	8	0.80	8	7	0.88	34	26	0.76			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0401

NPS Station ID: GATE0401
LAT/LON: 40.612504/ -74.060559
Agency: 1111H030
Date Created: / /
Location: HUDSON RIVER (109)
FIPS State/County: 36085 NEW YORK/RICHMOND
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): 403645007403380/109
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030104
Depth of Water: 60
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-N.Y. METROPOLI
ECO Region:
RF1 Index: 02030104
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0401

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/29/64-04/05/71	478	12.	12.294	27.5	0.	56.731	7.532	2.5	5.275	19.825	22.41
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/29/64-04/05/71	284	13.	14.035	34.	0.	77.618	8.81	3.	6.125	21.75	26.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/19/64-03/08/71	440	5.5	14.266	130.	0.	406.416	20.16	1.3	3.	12.	47.8
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	05/13/69-03/09/70	22	5.	5.591	13.	2.	8.634	2.938	2.	3.	8.	10.1
00080	COLOR (PLATINUM-COBALT UNITS)	10/19/64-11/24/69	445	10.	11.569	34.	3.	25.327	5.033	5.	10.	15.	20.
00300	OXYGEN, DISSOLVED MG/L	09/29/64-04/05/71	485	6.2	6.345	13.5	1.8	6.68	2.585	3.06	4.	8.6	9.74
00310	BOD, 5 DAY, 20 DEG C MG/L	09/29/64-12/08/69	449	2.	2.168	7.3	0.2	0.724	0.851	1.2	1.6	2.7	3.2
00340	COD, .25N K2CR2O7 MG/L	10/19/64-06/06/67	271	117.	110.904	253.	5.	2168.176	46.564	44.6	79.	143.	170.
00370	CHLORINE DEMAND, 1 HOUR (MG/L)	09/29/64-06/06/67	276	6.3	6.375	58.5	1.5	12.456	3.529	4.4	5.	7.	8.2
00380	CHLORINE DEMAND, 24 HOUR (MG/L)	09/29/64-06/06/67	272	10.45	10.256	23.5	2.4	6.425	2.535	7.33	8.7	11.7	12.9
00400	PH (STANDARD UNITS)	09/29/64-04/05/71	461	7.6	7.534	9.3	6.4	0.078	0.279	7.2	7.4	7.7	7.8
00400	CONVERTED PH (STANDARD UNITS)	09/29/64-04/05/71	461	7.6	7.436	9.3	6.4	0.088	0.296	7.2	7.4	7.7	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/29/64-04/05/71	461	0.025	0.037	0.398	0.001	0.001	0.038	0.016	0.02	0.04	0.063
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/19/64-04/05/71	183	96.	94.563	140.	61.	68.159	8.256	87.	91.	99.	101.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	10/19/64-09/22/69	173	26930.	26730.405	48850.	10300.	18463067.859	4296.867	22380.	25125.	28700.	30560.
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	10/19/64-04/05/71	17	0.72	0.662	1.62	0.	0.138	0.371	0.	0.425	0.85	1.044
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/26/64-04/05/71	428	0.4	0.434	7.2	0.	0.247	0.497	0.	0.1	0.6	0.882
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/22/66-04/05/71	36	0.3	0.319	0.73	0.1	0.016	0.128	0.2	0.25	0.37	0.47
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/09/69-08/17/70	16	1.4	1.778	4.6	0.64	1.239	1.113	0.892	1.233	1.79	4.46
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/10/66-01/19/70	174	0.8	0.759	1.6	0.2	0.062	0.249	0.5	0.6	0.9	1.1
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/26/64-05/08/67	264	0.52	0.591	3.87	0.13	0.127	0.356	0.33	0.42	0.67	0.92
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/10/70-04/05/71	24	0.275	0.277	0.39	0.16	0.005	0.07	0.19	0.213	0.338	0.385
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/19/70-04/05/71	14	5.	6.786	32.	2.	54.797	7.402	2.5	4.	7.	19.5
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/64-09/03/68	173	4600.	4479.445	6310.	1200.	589580.121	767.841	3526.	4055.	4955.	5322.
00940	CHLORIDE,TOTAL IN WATER MG/L	09/29/64-03/08/71	473	13400.	13092.875	19000.	3600.	3861883.664	1965.168	10500.	12000.	14305.	15300.
00945	SULFATE, TOTAL (MG/L AS SO4)	10/26/64-09/22/69	166	1643.5	1665.301	2744.	640.	137261.872	370.489	1182.4	1429.5	1940.	2105.4
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/29/64-04/05/71	460	15500.	29465.109	930000.	400.	3865687347.483	62174.652	2900.	5825.	32000.	53000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/29/64-04/05/71	460	4.19	4.144	5.968	2.602	0.274	0.523	3.462	3.765	4.505	4.724
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			13917.621								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/29/64-12/28/64	28	49000.	69835.714	240000.	2300.	4342105343.915	65894.653	4740.	23000.	88750.	177000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/29/64-12/28/64	28	4.69	4.611	5.38	3.362	0.282	0.531	3.673	4.362	4.947	5.245
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			40817.484								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/29/64-12/28/64	28	12000.	16903.214	79000.	790.	320279696.693	17896.36	1660.	3700.	23500.	46300.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/29/64-12/28/64	28	4.078	3.992	4.898	2.898	0.251	0.501	3.219	3.561	4.371	4.666
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9813.671								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/04/65-04/05/71	447	2900.	4338.031	62000.	20.	27838638.717	5276.233	780.	1400.	5900.	9200.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/04/65-04/05/71	447	3.462	3.427	4.792	1.301	0.212	0.461	2.892	3.146	3.771	3.964
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2675.203								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GATE0401

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/29/64-09/08/69	444	605.	910.878	8400.	40.	801392.68	895.205	200.	360.	1200.	1950.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/29/64-09/08/69	444	2.782	2.797	3.924	1.602	0.148	0.385	2.301	2.556	3.079	3.29
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			626.23								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	09/22/69-04/05/71	36	800.	1346.389	12000.	110.	4306932.302	2075.315	245.	432.5	1650.	2360.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	09/22/69-04/05/71	36	2.903	2.906	4.079	2.041	0.167	0.409	2.387	2.636	3.217	3.373
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			805.779								
32230	CHLOROPHYLL A (MG/L)	01/19/70-04/05/71	13	0.006	0.019	0.186	0.001	0.003	0.05	0.001	0.001	0.008	0.119
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	06/09/69-07/06/70	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	06/09/69-07/06/70	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	06/09/69-06/09/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	06/09/69-06/09/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	06/09/69-07/06/70	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	06/09/69-07/06/70	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	06/09/69-07/06/70	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	06/09/69-07/06/70	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	06/09/69-07/06/70	1	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0401

				Total	Exceed	Prop.	----------8/01-10/31----------			----------11/01-3/31----------			----------4/01-7/31----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	440	41	0.09	108	16	0.15	188	15	0.08	144	10	0.07			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	485	124	0.26	128	80	0.63	200	7	0.04	157	37	0.24			
00400	PH	Other-Hi Lim.	8.5	461	4	0.01	124	0	0.00	186	4	0.02	151	0	0.00			
		Other-Lo Lim.	6.5	461	2	0.00	124	1	0.01	186	1	0.01	151	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	460	455	0.99	122	122	1.00	182	178	0.98	156	155	0.99			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	28	28	1.00	10	10	1.00	18	18	1.00						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	28	28	1.00	10	10	1.00	18	18	1.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	447	440	0.98	118	115	0.97	175	173	0.99	154	152	0.99			
39330	ALDRIN IN WHOLE WATER SAMPLE	Marine Acute	1.3	1	0	0.00							1	0	0.00			
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Marine Acute	0.16	1	0	0.00							1	0	0.00			
39360	DDD IN WHOLE WATER SAMPLE	Marine Acute	3.6	1	0	0.00							1	0	0.00			
39365	DDE IN WHOLE WATER SAMPLE	Marine Acute	14.	1	0	0.00							1	0	0.00			
39370	DDT IN WHOLE WATER SAMPLE	Marine Acute	0.13	1	0	0.00							1	0	0.00			
39380	DIELDRIN IN WHOLE WATER SAMPLE	Marine Acute	0.71	1	0	0.00							1	0	0.00			
39390	ENDRIN IN WHOLE WATER SAMPLE	Marine Acute	0.037	1	0	0.00							1	0	0.00			
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Marine Acute	0.053	1	0	0.00							1	0	0.00			
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Marine Acute	0.053	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1964 - Station GATE0401

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/29/64-04/05/71	28	13.15	11.329	17.	4.	21.507	4.638	4.9	7.125	15.5	16.55
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/29/64-04/05/71	23	13.	10.783	26.	0.	55.905	7.477	0.	4.	15.	22.4
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/19/64-03/08/71	22	10.	11.882	26.	1.7	59.327	7.702	2.09	5.75	18.	24.
00080	COLOR (PLATINUM-COBALT UNITS)	10/19/64-11/24/69	22	14.5	14.955	34.	5.	66.522	8.156	5.	5.	21.25	25.8
00300	OXYGEN, DISSOLVED MG/L	09/29/64-04/05/71	28	5.15	5.107	9.1	2.5	2.551	1.597	3.25	3.725	6.15	6.98
00310	BOD, 5 DAY, 20 DEG C MG/L	09/29/64-12/08/69	28	1.75	1.811	3.2	0.7	0.406	0.637	0.99	1.325	2.1	2.91
00340	COD, .25N K2CR2O7 MG/L	10/19/64-06/06/67	22	91.	92.818	147.	18.	1022.537	31.977	39.3	79.75	114.75	140.4
00370	CHLORINE DEMAND, 1 HOUR (MG/L)	09/29/64-06/06/67	28	7.1	6.571	9.8	3.7	2.698	1.643	4.15	4.925	7.5	8.71
00380	CHLORINE DEMAND, 24 HOUR (MG/L)	09/29/64-06/06/67	28	11.05	10.857	14.4	7.1	4.018	2.005	7.3	10.325	12.45	13.21
00400	PH (STANDARD UNITS)	09/29/64-04/05/71	28	7.3	7.154	7.6	6.4	0.106	0.326	6.6	6.85	7.4	7.51
00400	CONVERTED PH (STANDARD UNITS)	09/29/64-04/05/71	28	7.3	7.017	7.6	6.4	0.126	0.354	6.6	6.85	7.4	7.51
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/29/64-04/05/71	28	0.05	0.096	0.398	0.025	0.008	0.091	0.031	0.04	0.144	0.251
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/19/64-04/05/71	22	97.	96.955	106.	90.	19.665	4.434	91.3	93.	100.	104.1
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	10/19/64-09/22/69	22	28975.	31103.636	48850.	24430.	35390176.623	5948.964	25412.	27725.	32082.5	41509.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/26/64-04/05/71	20	0.935	1.019	2.87	0.73	0.206	0.454	0.751	0.785	1.04	1.16
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/26/64-05/08/67	20	0.655	0.678	1.1	0.38	0.044	0.21	0.408	0.502	0.825	1.032
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/64-09/03/68	22	5025.	5041.364	5800.	4510.	118079.004	343.626	4544.	4795.	5200.	5623.
00940	CHLORIDE,TOTAL IN WATER MG/L	09/29/64-03/08/71	28	14770.	14678.214	15880.	13300.	459718.915	678.026	13665.	14127.5	15037.5	15800.
00945	SULFATE, TOTAL (MG/L AS SO4)	10/26/64-09/22/69	20	1713.	1777.15	2437.	1393.	72815.608	269.844	1446.4	1607.5	1936.5	2222.3
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/29/64-04/05/71	4	69500.	124125.	350000.	7500.25	969729166.667	161151.262	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/29/64-04/05/71	4	4.534	4.622	5.544	3.875	0.699	0.836	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			41862.85								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/29/64-09/08/69	28	945.	1105.	3700.	240.	601744.444	775.722	278.	472.5	1375.	2400.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/29/64-09/08/69	28	2.975	2.944	3.568	2.38	0.096	0.31	2.444	2.673	3.138	3.38
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			878.18								

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Annual Analysis for 1965 - Station GATE0401

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/29/64-04/05/71	101	12.8	12.829	27.5	0.	65.279	8.08	2.5	6.	20.5	23.4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/29/64-04/05/71	90	15.	15.844	34.	1.	80.245	8.958	3.1	9.	24.	28.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/19/64-03/08/71	96	45.	45.853	130.	3.	504.334	22.457	8.6	34.	62.	72.
00080	COLOR (PLATINUM-COBALT UNITS)	10/19/64-11/24/69	103	10.	11.748	25.	5.	14.073	3.751	10.	10.	15.	18.
00300	OXYGEN, DISSOLVED MG/L	09/29/64-04/05/71	104	6.55	6.474	13.5	1.8	7.367	2.714	3.25	4.	8.2	9.85
00310	BOD, 5 DAY, 20 DEG C MG/L	09/29/64-12/08/69	104	2.2	2.363	7.3	0.8	1.077	1.038	1.2	1.6	3.2	3.7
00340	COD, .25N K2CR2O7 MG/L	10/19/64-06/06/67	103	79.	79.845	172.	5.	1711.152	41.366	24.2	51.	112.	139.
00370	CHLORINE DEMAND, 1 HOUR (MG/L)	09/29/64-06/06/67	104	6.4	6.73	58.5	1.6	29.366	5.419	4.45	5.	7.1	8.5
00380	CHLORINE DEMAND, 24 HOUR (MG/L)	09/29/64-06/06/67	103	10.7	10.405	17.	2.4	7.149	2.674	7.14	8.8	12.	13.36
00400	PH (STANDARD UNITS)	09/29/64-04/05/71	104	7.6	7.63	9.3	6.8	0.069	0.264	7.3	7.5	7.7	7.85
00400	CONVERTED PH (STANDARD UNITS)	09/29/64-04/05/71	104	7.6	7.561	9.3	6.8	0.074	0.273	7.3	7.5	7.7	7.85
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/29/64-04/05/71	104	0.025	0.027	0.158	0.001	0.	0.019	0.014	0.02	0.032	0.05
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/19/64-04/05/71	103	97.	96.117	105.	79.	19.241	4.386	90.	94.	99.	101.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	10/19/64-09/22/69	99	26940.	26646.667	33240.	13450.	9775336.735	3126.553	22890.	25600.	28400.	30150.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/26/64-04/05/71	103	0.55	0.633	7.2	0.02	0.511	0.715	0.236	0.38	0.72	0.962
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/26/64-05/08/67	104	0.58	0.649	1.33	0.13	0.07	0.265	0.33	0.47	0.867	1.03
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/64-09/03/68	103	4600.	4481.738	6000.	1388.	528714.215	727.127	3550.8	3980.	4940.	5342.
00940	CHLORIDE,TOTAL IN WATER MG/L	09/29/64-03/08/71	103	13720.	13635.146	16500.	8600.	2211360.518	1487.064	11650.	12900.	14730.	15512.
00945	SULFATE, TOTAL (MG/L AS SO4)	10/26/64-09/22/69	94	1530.	1602.511	2744.	720.	158039.07	397.541	1138.	1300.	1914.25	2100.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/29/64-04/05/71	104	19500.	34473.077	310000.	700.	2677290724.421	51742.543	3750.	6050.	42750.	83500.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/29/64-04/05/71	104	4.289	4.211	5.491	2.845	0.291	0.539	3.574	3.782	4.631	4.922
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			16238.534								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/04/65-04/05/71	102	3550.	5332.549	27000.	360.	27308046.904	5225.71	866.	1575.	7425.	12700.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/04/65-04/05/71	102	3.55	3.531	4.431	2.556	0.186	0.432	2.937	3.197	3.871	4.104
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3399.89								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/29/64-09/08/69	102	575.	961.667	4600.	50.	1030065.512	1014.921	166.	337.5	1225.	2570.

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Annual Analysis for 1965 - Station GATE0401

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/29/64-09/08/69	102	2.76	2.787	3.663	1.699	0.178	0.421	2.219	2.528	3.088	3.41
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			611.995								

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Annual Analysis for 1966 - Station GATE0401

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/29/64-04/05/71	102	11.2	12.434	25.	0.	52.584	7.252	3.5	5.45	20.925	22.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/29/64-04/05/71	93	15.	14.914	31.	0.	73.775	8.589	2.4	7.5	22.	26.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/19/64-03/08/71	104	4.15	5.944	36.5	0.8	32.35	5.688	1.2	2.3	8.	12.05
00080	COLOR (PLATINUM-COBALT UNITS)	10/19/64-11/24/69	104	10.	8.933	20.	3.	12.471	3.531	5.	5.	10.	15.
00300	OXYGEN, DISSOLVED MG/L	09/29/64-04/05/71	104	6.	6.151	10.7	2.	5.523	2.35	2.9	4.425	8.575	9.15
00310	BOD, 5 DAY, 20 DEG C MG/L	09/29/64-12/08/69	101	2.	2.124	4.	0.3	0.424	0.651	1.32	1.75	2.6	3.
00340	COD, .25N K2CR2O7 MG/L	10/19/64-06/06/67	104	147.	145.115	253.	11.	1429.695	37.811	101.	127.	169.5	192.
00370	CHLORINE DEMAND, 1 HOUR (MG/L)	09/29/64-06/06/67	104	6.25	6.169	12.8	1.5	2.567	1.602	4.35	4.925	6.9	8.2
00380	CHLORINE DEMAND, 24 HOUR (MG/L)	09/29/64-06/06/67	102	9.95	9.86	23.5	3.1	7.201	2.684	7.33	8.575	10.825	12.17
00400	PH (STANDARD UNITS)	09/29/64-04/05/71	104	7.6	7.623	9.	7.3	0.058	0.24	7.4	7.5	7.7	7.8
00400	CONVERTED PH (STANDARD UNITS)	09/29/64-04/05/71	104	7.6	7.58	9.	7.3	0.06	0.244	7.4	7.5	7.7	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/29/64-04/05/71	104	0.025	0.026	0.05	0.001	0.	0.01	0.016	0.02	0.032	0.04
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/19/64-04/05/71	32	91.5	93.406	140.	73.	192.894	13.889	75.	88.25	96.	103.4
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	10/19/64-09/22/69	32	26350.	25500.	31500.	15600.	13674838.71	3697.951	21260.	23250.	27325.	30220.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/26/64-04/05/71	97	0.24	0.285	1.79	0.	0.064	0.253	0.02	0.105	0.405	0.56
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/26/64-05/08/67	104	0.515	0.593	3.87	0.27	0.22	0.469	0.34	0.42	0.617	0.745
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/64-09/03/68	32	4445.	4428.438	6310.	2710.	474310.383	688.702	3800.	4055.	4772.5	5307.
00940	CHLORIDE,TOTAL IN WATER MG/L	09/29/64-03/08/71	104	13400.	13297.981	16500.	7750.	3159884.233	1777.606	10900.	12215.	14700.	15650.
00945	SULFATE, TOTAL (MG/L AS SO4)	10/26/64-09/22/69	32	1810.	1764.563	2240.	1040.	97511.222	312.268	1398.	1545.	1982.5	2195.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/29/64-04/05/71	104	23500.	41961.538	930000.	1000.11	253361807.319	106081.864	3250.	6300.	38500.	58000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/29/64-04/05/71	104	4.371	4.239	5.968	3.	0.29	0.538	3.512	3.799	4.584	4.763
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			17355.955								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/04/65-04/05/71	100	3250.	5113.6	62000.	420.	58545275.798	7651.488	1210.	2000.	5975.	9170.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/04/65-04/05/71	100	3.512	3.523	4.792	2.623	0.136	0.369	3.083	3.301	3.776	3.962
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3335.587								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/29/64-09/08/69	104	650.	875.192	4400.	40.	563213.555	750.476	195.	342.5	1200.	1950.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/29/64-09/08/69	104	2.813	2.789	3.643	1.602	0.153	0.391	2.29	2.535	3.079	3.289
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			614.488								

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Annual Analysis for 1967 - Station GATE0401

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/29/64-04/05/71	101	10.9	12.259	24.5	1.6	49.012	7.001	3.2	5.85	19.35	21.96
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/29/64-04/05/71	36	7.	8.778	28.	0.	45.206	6.724	1.	5.	10.	19.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/19/64-03/08/71	102	3.	3.766	10.	0.	6.001	2.45	0.	2.	5.5	7.28
00080	COLOR (PLATINUM-COBALT UNITS)	10/19/64-11/24/69	102	10.	10.343	25.	5.	18.94	4.352	5.	8.75	10.	15.
00300	OXYGEN, DISSOLVED MG/L	09/29/64-04/05/71	102	7.15	6.269	9.5	2.	5.447	2.334	2.93	4.	8.5	8.9
00310	BOD, 5 DAY, 20 DEG C MG/L	09/29/64-12/08/69	99	1.9	2.026	5.1	0.2	0.672	0.82	1.1	1.5	2.5	3.
00340	COD, .25N K2CR2O7 MG/L	10/19/64-06/06/67	42	113.5	111.833	146.	70.	337.069	18.359	87.3	97.75	125.25	133.5
00370	CHLORINE DEMAND, 1 HOUR (MG/L)	09/29/64-06/06/67	40	6.1	5.85	7.	3.7	0.867	0.931	4.52	4.825	6.6	6.8
00380	CHLORINE DEMAND, 24 HOUR (MG/L)	09/29/64-06/06/67	39	10.3	10.464	15.7	7.4	3.845	1.961	8.3	8.7	12.	13.
00400	PH (STANDARD UNITS)	09/29/64-04/05/71	102	7.5	7.548	8.	6.9	0.029	0.169	7.4	7.5	7.7	7.8
00400	CONVERTED PH (STANDARD UNITS)	09/29/64-04/05/71	102	7.5	7.512	8.	6.9	0.03	0.173	7.4	7.5	7.7	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/29/64-04/05/71	102	0.032	0.031	0.126	0.01	0.	0.015	0.016	0.02	0.032	0.04
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/19/64-04/05/71	10	88.5	87.3	96.	68.	73.567	8.577	69.2	83.	95.25	96.

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Annual Analysis for 1967 - Station GATE0401

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	10/19/64-09/22/69	10	26450.	24760.	29900.	14700.	23516000.	4849.33	15270.	20850.	28650.	29820.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/26/64-04/05/71	90	0.	0.09	0.7	0.	0.023	0.153	0.	0.	0.1	0.3
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/26/64-05/08/67	36	0.385	0.37	0.57	0.17	0.011	0.104	0.207	0.298	0.43	0.506
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/64-09/03/68	10	4176.	3860.5	4610.	2600.	558141.167	747.088	2640.	3150.	4527.5	4607.
00940	CHLORIDE,TOTAL IN WATER MG/L	09/29/64-03/08/71	102	13000.	12465.	16400.	6600.	3295841.089	1815.445	10100.	11275.	13725.	14200.
00945	SULFATE, TOTAL (MG/L AS SO4)	10/26/64-09/22/69	10	1785.	1743.5	2205.	1250.	90950.278	301.58	1272.	1477.5	1975.	2182.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/29/64-04/05/71	102	9400.	14032.353	52000.	600.	161030725.102	12689.788	2000.	3900.	22500.	33700.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/29/64-04/05/71	102	3.973	3.939	4.716	2.778	0.216	0.465	3.301	3.591	4.352	4.528
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			8691.328								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/04/65-04/05/71	100	2300.	3450.8	38000.	80.	21564609.455	4643.771	624.	1100.	3900.	6890.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/04/65-04/05/71	100	3.362	3.314	4.58	1.903	0.209	0.457	2.795	3.041	3.591	3.838
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2058.663								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/29/64-09/08/69	102	580.	955.196	8400.	80.	1113538.08	1055.243	206.	367.5	1200.	2200.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/29/64-09/08/69	102	2.763	2.811	3.924	1.903	0.145	0.381	2.313	2.565	3.079	3.342
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			646.895								

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Annual Analysis for 1968 - Station GATE0401

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/29/64-04/05/71	90	13.95	12.431	23.	0.	66.246	8.139	1.	3.6	20.35	22.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/19/64-03/08/71	90	4.	4.81	23.	0.2	13.08	3.617	1.	3.	6.	9.
00080	COLOR (PLATINUM-COBALT UNITS)	10/19/64-11/24/69	90	17.5	15.111	30.	5.	28.077	5.299	10.	10.	20.	20.
00300	OXYGEN, DISSOLVED MG/L	09/29/64-04/05/71	91	6.	6.54	12.	2.3	8.501	2.916	3.02	3.9	9.5	10.48
00310	BOD, 5 DAY, 20 DEG C MG/L	09/29/64-12/08/69	91	2.1	2.21	4.3	0.3	0.692	0.832	1.1	1.7	2.8	3.28
00400	PH (STANDARD UNITS)	09/29/64-04/05/71	89	7.5	7.439	7.8	6.8	0.047	0.217	7.2	7.3	7.6	7.7
00400	CONVERTED PH (STANDARD UNITS)	09/29/64-04/05/71	89	7.5	7.383	7.8	6.8	0.05	0.224	7.2	7.3	7.6	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/29/64-04/05/71	89	0.032	0.041	0.158	0.016	0.001	0.023	0.02	0.025	0.05	0.063
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/19/64-04/05/71	6	92.5	85.833	97.	61.	206.967	14.386	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	10/19/64-09/22/69	6	23450.	22383.333	27800.	10300.	40413666.667	6357.174	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/26/64-04/05/71	88	0.45	0.506	3.	0.	0.158	0.398	0.	0.3	0.7	0.9
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/64-09/03/68	6	4450.	3683.333	4800.	1200.	2121666.667	1456.594	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/29/64-03/08/71	90	13200.	12431.111	19000.	3600.	7225313.358	2687.994	9120.	11000.	14125.	15580.
00945	SULFATE, TOTAL (MG/L AS SO4)	10/26/64-09/22/69	6	1635.	1600.	2100.	640.	292520.	540.851	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/29/64-04/05/71	90	20500.	22585.	68800.	750.	260122609.551	16128.317	2920.	7100.	33250.	45800.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/29/64-04/05/71	90	4.312	4.184	4.838	2.875	0.209	0.457	3.463	3.851	4.522	4.661
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			15278.812								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/04/65-04/05/71	90	3450.	4213.444	17000.	180.	11299027.328	3361.403	662.	1400.	6225.	9160.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/04/65-04/05/71	90	3.538	3.446	4.23	2.255	0.203	0.451	2.821	3.146	3.794	3.961
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2792.544								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/29/64-09/08/69	90	570.	827.333	5300.	80.	619001.798	786.767	203.	375.	1125.	1600.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/29/64-09/08/69	90	2.756	2.78	3.724	1.903	0.12	0.347	2.307	2.574	3.051	3.204
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			602.094								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1969 - Station GATE0401

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/29/64-04/05/71	26	12.4	13.077	24.	0.6	68.966	8.305	0.91	6.675	20.3	23.17
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/29/64-04/05/71	14	21.	20.357	29.7	9.1	59.107	7.688	9.1	10.3	27.	29.7
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/19/64-03/08/71	8	9.5	9.625	11.	8.	1.125	1.061	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/19/64-11/24/69	24	10.	11.042	20.	5.	19.52	4.418	5.	10.	10.	20.
00300	OXYGEN, DISSOLVED MG/L	09/29/64-04/05/71	26	6.5	6.404	10.2	2.1	7.464	2.732	3.09	4.125	9.3	10.1

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Annual Analysis for 1969 - Station GATE0401

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00310	BOD, 5 DAY, 20 DEG C MG/L	09/29/64-12/08/69	26	2.1	2.342	4.6	0.9	0.847	0.92	1.2	1.8	2.925	3.7
00400	PH (STANDARD UNITS)	09/29/64-04/05/71	22	7.45	7.523	8.8	6.8	0.19	0.436	7.1	7.2	7.6	8.28
00400	CONVERTED PH (STANDARD UNITS)	09/29/64-04/05/71	22	7.447	7.373	8.8	6.8	0.214	0.463	7.1	7.2	7.6	8.28
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/29/64-04/05/71	22	0.036	0.042	0.158	0.002	0.001	0.034	0.006	0.025	0.063	0.079
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/19/64-04/05/71	4	92.5	92.75	99.	87.	44.25	6.652	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	10/19/64-09/22/69	4	26835.	26040.	27490.	23000.	4277533.333	2068.22	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/26/64-04/05/71	4	0.7	0.675	0.8	0.5	0.023	0.15	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/29/64-03/08/71	24	13050.	12825.	15200.	10200.	1739347.826	1318.843	10500.	12050.	13675.	14450.
00945	SULFATE, TOTAL (MG/L AS SO4)	10/26/64-09/22/69	4	1715.	1690.	1940.	1390.	79266.667	281.543	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/29/64-04/05/71	26	13000.	33053.846	270000.	1800.	4332130584.615	65818.923	3000.	5650.	19500.	122200.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/29/64-04/05/71	26	4.113	4.122	5.431	3.255	0.274	0.524	3.477	3.749	4.287	5.025
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			13235.101								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/04/65-04/05/71	26	2600.	3410.769	12000.	820.	7991079.385	2826.85	988.	2050.	3350.	9720.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/04/65-04/05/71	26	3.415	3.43	4.079	2.914	0.084	0.29	2.995	3.311	3.524	3.988
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2691.839								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/29/64-09/08/69	18	635.	693.889	2500.	70.	355119.281	595.919	115.	215.	1050.	1330.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/29/64-09/08/69	18	2.801	2.678	3.398	1.845	0.174	0.418	2.056	2.332	3.02	3.111
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			476.244								

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Annual Analysis for 1970 - Station GATE0401

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/29/64-04/05/71	22	13.95	12.355	24.	0.7	65.885	8.117	1.85	3.2	20.925	23.13
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/29/64-04/05/71	20	13.35	13.73	25.7	0.	94.179	9.705	0.4	5.	23.6	25.68
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/19/64-03/08/71	14	4.25	4.114	6.	2.5	1.169	1.081	2.75	3.	5.	5.75
00300	OXYGEN, DISSOLVED MG/L	09/29/64-04/05/71	22	5.7	6.436	11.	2.5	8.421	2.902	2.99	3.525	9.525	10.49
00400	PH (STANDARD UNITS)	09/29/64-04/05/71	8	7.45	7.288	7.7	6.4	0.224	0.473	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/29/64-04/05/71	8	7.447	7.012	7.7	6.4	0.311	0.558	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/29/64-04/05/71	8	0.036	0.097	0.398	0.02	0.018	0.135	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/19/64-04/05/71	2	88.	88.	89.	87.	2.	1.414	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/26/64-04/05/71	18	0.68	0.741	1.28	0.47	0.063	0.252	0.497	0.51	0.91	1.136
00940	CHLORIDE,TOTAL IN WATER MG/L	09/29/64-03/08/71	18	14000.	13566.667	16000.	10500.	2368235.294	1538.907	10950.	12900.	14300.	15550.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/29/64-04/05/71	22	17500.	33195.455	130000.	400.	1225289978.355	35004.142	3410.	7950.	49500.	98000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/29/64-04/05/71	22	4.243	4.248	5.114	2.602	0.34	0.583	3.523	3.9	4.694	4.983
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			17708.101								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/04/65-04/05/71	21	2000.	2845.238	8000.	20.	6863736.19	2619.873	24.	625.	5400.	7120.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/04/65-04/05/71	21	3.301	3.076	3.903	1.301	0.657	0.811	1.361	2.774	3.732	3.852
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1190.028								

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Annual Analysis for 1971 - Station GATE0401

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/29/64-04/05/71	8	3.35	3.338	5.8	1.	2.808	1.676	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/29/64-04/05/71	8	6.05	6.15	7.	5.5	0.449	0.67	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/19/64-03/08/71	4	9.5	11.	18.	7.	23.833	4.882	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/29/64-04/05/71	8	10.05	9.863	11.	8.6	0.891	0.944	**	**	**	**
00400	PH (STANDARD UNITS)	09/29/64-04/05/71	4	7.75	7.75	7.8	7.7	0.003	0.058	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/29/64-04/05/71	4	7.747	7.747	7.8	7.7	0.003	0.058	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/29/64-04/05/71	4	0.018	0.018	0.02	0.016	0.	0.002	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/19/64-04/05/71	4	87.	87.	99.	75.	162.667	12.754	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/26/64-04/05/71	8	0.51	0.501	0.7	0.35	0.017	0.131	**	**	**	**

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Annual Analysis for 1971 - Station GATE0401

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00940	CHLORIDE,TOTAL IN WATER MG/L	09/29/64-03/08/71	4	12750.	13075.	15600.	11200.	4249166.667	2061.351	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/29/64-04/05/71	8	5950.	6825.	13000.	1400.	21225000.	4607.06	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/29/64-04/05/71	8	3.773	3.722	4.114	3.146	0.129	0.359	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			5268.544								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/04/65-04/05/71	8	1750.	1387.5	2200.	200.	632678.571	795.411	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/04/65-04/05/71	8	3.243	3.029	3.342	2.301	0.152	0.39	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1070.07								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0401

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/29/64-04/05/71	127	20.9	19.797	27.5	12.4	12.102	3.479	14.9	16.9	22.5	23.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/29/64-04/05/71	78	21.	20.485	32.	11.	30.201	5.496	13.	15.	25.35	26.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/19/64-03/08/71	108	3.	13.322	130.	0.	582.793	24.141	0.	1.325	6.	56.6
00300	OXYGEN, DISSOLVED MG/L	09/29/64-04/05/71	128	3.65	3.814	6.4	1.8	1.156	1.075	2.5	3.	4.7	5.31
00400	PH (STANDARD UNITS)	09/29/64-04/05/71	124	7.5	7.431	7.9	6.4	0.069	0.264	7.1	7.325	7.6	7.7
00400	CONVERTED PH (STANDARD UNITS)	09/29/64-04/05/71	124	7.5	7.322	7.9	6.4	0.082	0.286	7.1	7.325	7.6	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/29/64-04/05/71	124	0.032	0.048	0.398	0.013	0.003	0.052	0.02	0.025	0.048	0.079
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/19/64-04/05/71	38	98.5	99.974	140.	90.	89.432	9.457	93.9	95.75	101.	103.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/26/64-04/05/71	109	0.5	0.496	1.9	0.	0.151	0.389	0.	0.135	0.78	0.97
00940	CHLORIDE,TOTAL IN WATER MG/L	09/29/64-03/08/71	128	14400.	14444.844	19000.	11100.	1284801.55	1133.491	13000.	13700.	15272.5	15701.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/29/64-04/05/71	122	31000.	52648.361	930000.	4200.	9327235079.935	96577.612	9000.	18000.	53000.	75500.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/29/64-04/05/71	122	4.491	4.499	5.968	3.623	0.155	0.393	3.954	4.255	4.724	4.878
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			31579.268								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/04/65-04/05/71	118	5200.	6133.644	27000.	20.	22118004.556	4702.978	2090.	2900.	8175.	12000.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/04/65-04/05/71	118	3.716	3.642	4.431	1.301	0.202	0.449	3.32	3.462	3.912	4.079
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4387.426								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0401

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/29/64-04/05/71	194	4.35	5.291	16.	0.	14.444	3.8	1.	2.575	8.	10.9
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/29/64-04/05/71	118	5.25	6.297	20.	0.	18.89	4.346	1.	3.	9.	12.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/19/64-03/08/71	188	7.	14.364	103.	0.2	352.15	18.766	2.	4.	13.525	43.3
00300	OXYGEN, DISSOLVED MG/L	09/29/64-04/05/71	200	8.6	8.264	13.5	2.5	3.876	1.969	5.71	6.9	9.5	10.5
00400	PH (STANDARD UNITS)	09/29/64-04/05/71	186	7.6	7.574	9.3	6.4	0.098	0.313	7.3	7.4	7.7	7.8
00400	CONVERTED PH (STANDARD UNITS)	09/29/64-04/05/71	186	7.6	7.472	9.3	6.4	0.108	0.329	7.3	7.4	7.7	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/29/64-04/05/71	186	0.025	0.034	0.398	0.001	0.001	0.035	0.016	0.02	0.04	0.05
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/19/64-04/05/71	98	96.	94.418	106.	73.	39.442	6.28	87.	91.75	99.	101.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/26/64-04/05/71	178	0.39	0.437	3.	0.	0.186	0.431	0.	0.1	0.633	0.91
00940	CHLORIDE,TOTAL IN WATER MG/L	09/29/64-03/08/71	194	13400.	13056.546	16500.	3600.	3418393.71	1848.89	10725.	12100.	14100.	15125.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/29/64-04/05/71	182	5200.	10073.352	120000.	600.	220503001.412	14849.343	1830.	3000.	11000.	24400.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/29/64-04/05/71	182	3.716	3.771	5.079	2.778	0.18	0.425	3.262	3.477	4.041	4.387
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			5903.622								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/04/65-04/05/71	175	1600.	2215.771	16000.	140.	4321754.43	2078.883	500.	960.	2800.	4600.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/04/65-04/05/71	175	3.204	3.194	4.204	2.146	0.14	0.375	2.699	2.982	3.447	3.663
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1562.96								

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Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0401

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/29/64-04/05/71	157	15.	14.88	26.	5.	32.272	5.681	7.	10.05	20.	22.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/29/64-04/05/71	88	19.	18.693	34.	4.	59.885	7.739	6.98	12.25	24.75	28.1
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/19/64-03/08/71	144	5.	14.847	72.	0.5	350.065	18.71	2.55	3.	13.	45.
00300	OXYGEN, DISSOLVED MG/L	09/29/64-04/05/71	157	5.7	5.965	11.	2.1	4.718	2.172	3.3	4.1	7.75	9.
00400	PH (STANDARD UNITS)	09/29/64-04/05/71	151	7.6	7.57	8.1	6.8	0.05	0.223	7.3	7.5	7.7	7.8
00400	CONVERTED PH (STANDARD UNITS)	09/29/64-04/05/71	151	7.6	7.506	8.1	6.8	0.054	0.232	7.3	7.5	7.7	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/29/64-04/05/71	151	0.025	0.031	0.158	0.008	0.	0.022	0.016	0.02	0.032	0.05
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/19/64-04/05/71	47	94.	90.489	100.	61.	73.386	8.567	76.8	87.	97.	99.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/26/64-04/05/71	141	0.32	0.383	7.2	0.	0.396	0.629	0.	0.105	0.5	0.7
00940	CHLORIDE,TOTAL IN WATER MG/L	09/29/64-03/08/71	151	12300.	11993.51	16300.	5000.	3887821.598	1971.756	9320.	10800.	13400.	14298.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/29/64-04/05/71	156	23000.	33958.333	490000.	400.	3023772123.656	54988.836	5850.	10000.	35000.	50600.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0401

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/29/64-04/05/71	156	4.362	4.3	5.69	2.602	0.192	0.438	3.767	4.	4.544	4.704
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			19943.574								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/04/65-04/05/71	154	3300.	5373.831	62000.	20.	50603666.926	7113.625	1050.	2000.	6625.	10500.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/04/65-04/05/71	154	3.519	3.528	4.792	1.301	0.196	0.443	3.021	3.301	3.821	4.021
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3372.611								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0402

NPS Station ID: GATE0402 LAT/LON: 40.589448/ -74.061670 Agency: 1111H030 Date Created: 09/20/80
Location: SOUTH BEACH 100 FT OFF STATEN IS. SHORE FIPS State/County: 36085 NEW YORK/RICHMOND
Station Type: /TYPA/AMBNT/OCEAN STORET Station ID(s): SI SB /SISB
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 02030104 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON - N.Y. METROPOLITAN AREA ECO Region:
RF1 Index: 02030104004 RF1 Mile Point: 5.430 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:

Parameter Inventory for Station: GATE0402

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/30/80-09/28/81	22	2750.	3019.091	8000.	32.	6960402.182	2638.257	85.2	465.	4725.	8000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/30/80-09/28/81	22	3.436	3.158	3.903	1.505	0.497	0.705	1.919	2.667	3.673	3.903
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1440.456								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	06/30/80-09/28/81	22	100.5	203.364	1200.	4.	80149.671	283.107	4.3	19.5	236.	658.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	06/30/80-09/28/81	22	1.997	1.896	3.079	0.602	0.518	0.72	0.631	1.29	2.373	2.804
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			78.687								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0402

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	22	15	0.68	12	9	0.75				10	6	0.60			
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	22	7	0.32	12	4	0.33				10	3	0.30			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0403

NPS Station ID: GATE0403 | LAT/LON: 40.589281/ -74.064837 | Agency: 11NPSWRD | Date Created: 12/21/96
Location: South Beach | FIPS State/County: 36085 NEW YORK/RICHMOND
Station Type: /TYPA/AMBNT/OCEAN | STORET Station ID(s): GATE_SI-2 /SB-2
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 02030104 | Depth of Water: 0 | Aquifer:
Major Basin: NORTHEAST | Elevation: 0 | Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METROPOLITAN AREA | ECO Region:
RF1 Index: 02030104 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 02030202104200.00 | RF3 Mile Point: 0.00 | Distance from RF3: 4.93 | On/Off RF3:
Description:
Station is located at South Beach on Staten Island. The station can be found on the USGS 7.5' The Narrows N.Y.-N.J. quadrangle. To reach the site: Leave Midland Park and turn right on Father Capodanno Blvd. Follow road to 2 Light South Beach. Make a right (Bus circle) and go under boardwalk to beach to take samples. For additional information on the water quality data stored at this station; contact the Division of Natural Resources at Gateway National Recreation Area - Building 210; Fort Wadsworth; Staten Island N.Y. 10305 (tel. 718-448-5505; fax. 718-448-4015). The park produces an Annual Report summarizing each year's monitoring activities. Data processed and uploaded to STORET by Dean Tucker; NPS Water Resources Division; 1201 Oak Ridge Drive Ste. 250; Fort Collins CO 80525 (tel. 970-225-3516; fax. 970-225-9965).

Parameter Inventory for Station: GATE0403

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/30/83-08/31/92	20	21.5	21.33	24.4	17.	4.963	2.228	17.2	20.	23.15	24.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/27/92-08/31/92	14	21.75	20.943	28.9	13.	20.989	4.581	13.5	17.375	23.125	28.35
00080	COLOR (PLATINUM-COBALT UNITS)	06/02/83-08/31/83	13	25.	26.538	50.	15.	68.269	8.263	17.	22.5	30.	42.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/27/92-08/31/92	15	35900.	35113.333	40000.	29200.	12805523.81	3578.481	29320.	33100.	38400.	39340.
00300	OXYGEN, DISSOLVED MG/L	06/30/83-08/31/83	5	6.9	7.16	8.	6.3	0.513	0.716	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/07/83-08/11/83	3	96.	95.333	109.	81.	196.333	14.012	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/02/83-08/31/83	14	7.7	7.643	8.2	6.7	0.109	0.33	7.1	7.575	7.725	8.1
00403	CONVERTED PH, LAB, STANDARD UNITS	06/02/83-08/31/83	14	7.7	7.474	8.2	6.7	0.14	0.374	7.1	7.575	7.725	8.1
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/02/83-08/31/83	14	0.02	0.034	0.2	0.006	0.002	0.048	0.008	0.019	0.027	0.116
00480	SALINITY - PARTS PER THOUSAND	06/09/83-08/31/92	24	24.95	24.763	28.7	19.9	4.678	2.163	20.85	23.6	26.275	27.35
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/04/83-08/31/83	4	0.036	0.041	0.092	0.	0.002	0.044	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/20/83-08/25/83	3	0.218	0.203	0.31	0.082	0.013	0.115	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/09/83-08/25/83	9	14502.	14079.222	15862.	10990.	2325007.194	1524.797	10990.	13139.5	15238.5	15862.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-09/06/95	217	270.	1008.774	20000.	0.	4200007.5	2049.392	24.8	85.	1081.	2688.6
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-09/06/95	217	2.431	2.338	4.301	0.	0.904	0.951	1.392	1.929	3.034	3.429
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			217.613								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/02/83-09/10/83	15	920.	1074.667	2400.	140.	675555.238	821.922	188.	330.	1600.	2400.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/02/83-09/10/83	15	2.964	2.876	3.38	2.146	0.169	0.411	2.264	2.519	3.204	3.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			752.46								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/02/83-09/10/83	15	330.	580.133	2400.	33.	439822.124	663.191	60.6	220.	920.	1980.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/02/83-09/10/83	15	2.519	2.533	3.38	1.519	0.231	0.48	1.746	2.342	2.964	3.29
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			341.135								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GATE0403

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/80-09/06/95	217	44.	242.576	16670.	0.	1430539.597	1196.052	0.	0.	137.	418.6
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/80-09/06/95	217	1.643	1.428	4.222	0.	1.02	1.01	0.	0.	2.137	2.622
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			26.788								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/27/92-08/17/92	4	3.135	6.268	18.36	0.44	67.448	8.213	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/04/83-08/31/83	4	0.	0.009	0.036	0.	0.	0.018	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0403

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	5	0	0.00	3	0	0.00				2	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	14	0	0.00	5	0	0.00				9	0	0.00			
		Other-Lo Lim.	6.5	14	0	0.00	5	0	0.00				9	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	217	57	0.26	71	21	0.30				146	36	0.25			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	15	6	0.40	6	4	0.67				9	2	0.22			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	15	12	0.80	6	5	0.83				9	7	0.78			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	217	45	0.21	71	16	0.23				146	29	0.20			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1980 - Station GATE0403

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-09/06/95	9	250.	1260.778	4089.	33.	2788822.444	1669.977	33.	91.5	3127.5	4089.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-09/06/95	9	2.398	2.582	3.612	1.519	0.598	0.773	1.519	1.958	3.494	3.612
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			382.164								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/80-09/06/95	8	5.	247.	1522.	0.	288017.429	536.673	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/80-09/06/95	8	0.5	0.983	3.182	0.	1.634	1.278	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			9.606								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station GATE0403

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-09/06/95	11	200.	887.727	4210.	0.	1861088.418	1364.217	0.6	7.	1630.	3868.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-09/06/95	11	2.301	2.092	3.624	0.	1.483	1.218	0.095	0.845	3.212	3.579
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			123.464								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/80-09/06/95	12	192.5	514.75	2550.	3.	672755.659	820.217	10.2	65.	378.	2355.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/80-09/06/95	12	2.263	2.213	3.407	0.477	0.622	0.789	0.763	1.785	2.576	3.368
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			163.298								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station GATE0403

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-09/06/95	15	305.	576.867	2620.	20.	499358.552	706.653	27.8	107.	665.	1888.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-09/06/95	15	2.484	2.452	3.418	1.301	0.348	0.59	1.432	2.029	2.823	3.255
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			283.046								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/80-09/06/95	15	60.	156.267	1270.	3.	102360.638	319.938	8.4	18.	107.	724.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/80-09/06/95	15	1.778	1.746	3.104	0.477	0.388	0.623	0.838	1.255	2.029	2.775
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			55.731								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station GATE0403

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-09/06/95	15	900.	827.867	2010.	195.	377632.981	614.518	198.	230.	1440.	1848.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-09/06/95	15	2.954	2.779	3.303	2.29	0.144	0.38	2.297	2.362	3.158	3.266
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			601.726								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/80-09/06/95	15	297.	395.8	1500.	10.	157133.171	396.4	27.4	90.	520.	1122.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/80-09/06/95	15	2.473	2.334	3.176	1.	0.342	0.585	1.355	1.954	2.716	3.034
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			215.997								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GATE0403

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-09/06/95	14	1766.5	2677.357	8800.	422.	6547808.863	2558.869	458.	1028.75	3783.	7883.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-09/06/95	14	3.245	3.257	3.944	2.625	0.162	0.403	2.66	3.004	3.57	3.894
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1806.737								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GATE0403

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/80-09/06/95	14	73.	108.786	410.	0.	13048.489	114.23	9.	27.25	160.	340.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/80-09/06/95	14	1.859	1.749	2.613	0.	0.423	0.651	0.628	1.428	2.204	2.522
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			56.09								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GATE0403

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-09/06/95	14	2766.5	3830.143	7400.	58.	6307909.824	2511.555	803.	1832.5	6666.	7033.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-09/06/95	14	3.43	3.413	3.869	1.763	0.294	0.543	2.477	3.263	3.824	3.847
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2586.416								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/80-09/06/95	14	45.	103.571	633.	0.	27554.571	165.996	2.5	10.75	138.5	427.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/80-09/06/95	14	1.628	1.547	2.801	0.	0.558	0.747	0.349	1.021	2.141	2.573
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			35.223								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GATE0403

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-09/06/95	14	79.5	110.714	380.	26.	9435.451	97.136	27.	43.5	140.5	304.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-09/06/95	14	1.897	1.917	2.58	1.415	0.115	0.339	1.431	1.638	2.141	2.469
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			82.514								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/80-09/06/95	14	21.	67.929	415.	0.	16318.533	127.744	0.	7.25	47.5	363.5
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/80-09/06/95	14	1.322	1.238	2.618	0.	0.619	0.787	0.	0.791	1.677	2.556
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			17.288								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GATE0403

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-09/06/95	14	531.5	2705.	20000.	83.	29592268.615	5439.878	93.5	130.25	2335.	14125.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-09/06/95	14	2.725	2.821	4.301	1.919	0.546	0.739	1.968	2.113	3.355	4.109
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			661.882								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/80-09/06/95	14	193.	1750.786	16670.	0.	19700528.643	4438.528	16.5	40.	838.5	10464.5
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/80-09/06/95	14	2.28	2.276	4.222	0.	1.094	1.046	0.759	1.602	2.892	3.926
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			188.747								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GATE0403

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-09/06/95	11	311.	691.818	4300.	28.	1496854.564	1223.46	35.	178.	739.	3605.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-09/06/95	11	2.493	2.469	3.633	1.447	0.336	0.579	1.518	2.25	2.869	3.49
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			294.265								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/80-09/06/95	11	66.	87.909	350.	0.	10993.891	104.852	1.2	17.	100.	321.2
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/80-09/06/95	11	1.82	1.579	2.544	0.	0.53	0.728	0.156	1.23	2.	2.498
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			37.913								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0403

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-09/06/95	15	580.	1153.533	4350.	132.	1491099.981	1221.106	138.6	319.	1624.	3629.4
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-09/06/95	15	2.763	2.833	3.638	2.121	0.23	0.479	2.141	2.504	3.211	3.554
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			680.728								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/80-09/06/95	15	0.	66.667	700.	0.	31809.381	178.352	0.	0.	58.	346.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/80-09/06/95	15	0.	0.767	2.845	0.	1.033	1.017	0.	0.	1.763	2.363
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			5.849								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0403

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-09/06/95	16	420.5	578.25	1363.	0.	213388.467	461.94	40.6	152.25	1058.75	1261.5
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-09/06/95	16	2.624	2.472	3.134	0.	0.601	0.775	1.234	2.181	3.025	3.1
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			296.614								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/80-09/06/95	16	72.5	137.75	551.	0.	33023.267	181.723	0.	0.	166.75	510.4
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/80-09/06/95	16	1.851	1.461	2.741	0.	1.15	1.072	0.	0.	2.221	2.707
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			28.912								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0403

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-09/06/95	15	100.	178.4	900.	0.	49876.114	223.33	17.4	58.	290.	540.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-09/06/95	15	2.	1.94	2.954	0.	0.456	0.675	0.877	1.763	2.462	2.668
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			87.157								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/80-09/06/95	15	58.	75.867	319.	0.	8911.981	94.403	0.	0.	100.	247.6
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/80-09/06/95	15	1.763	1.284	2.504	0.	0.964	0.982	0.	0.	2.	2.382
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			19.232								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0403

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-09/06/95	15	116.	193.333	841.	0.	60992.524	246.967	0.	29.	377.	649.6
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-09/06/95	15	2.064	1.795	2.925	0.	0.772	0.878	0.	1.462	2.576	2.801
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			62.443								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/80-09/06/95	15	0.	30.933	261.	0.	4981.924	70.583	0.	0.	29.	174.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/80-09/06/95	15	0.	0.591	2.417	0.	0.805	0.897	0.	0.	1.462	2.205
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.901								

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Annual Analysis for 1993 - Station GATE0403

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-09/06/95	14	72.5	175.857	754.	0.	56589.363	237.885	0.	0.	268.25	667.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-09/06/95	14	1.851	1.458	2.877	0.	1.378	1.174	0.	0.	2.418	2.82
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			28.72								

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Annual Analysis for 1993 - Station GATE0403

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/80-09/06/95	14	14.5	43.5	232.	0.	4107.962	64.093	0.	0.	65.25	159.5
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/80-09/06/95	14	0.731	0.928	2.365	0.	0.963	0.981	0.	0.	1.807	2.153
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			8.48								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station GATE0403

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-09/06/95	11	132.	144.182	396.	0.	16979.964	130.307	0.	20.	230.	379.4
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-09/06/95	11	2.121	1.723	2.598	0.	0.873	0.934	0.	1.301	2.362	2.577
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			52.818								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/80-09/06/95	11	35.	60.273	165.	0.	4096.018	64.	0.	0.	100.	165.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/80-09/06/95	11	1.544	1.21	2.217	0.	0.971	0.985	0.	0.	2.	2.217
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			16.227								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

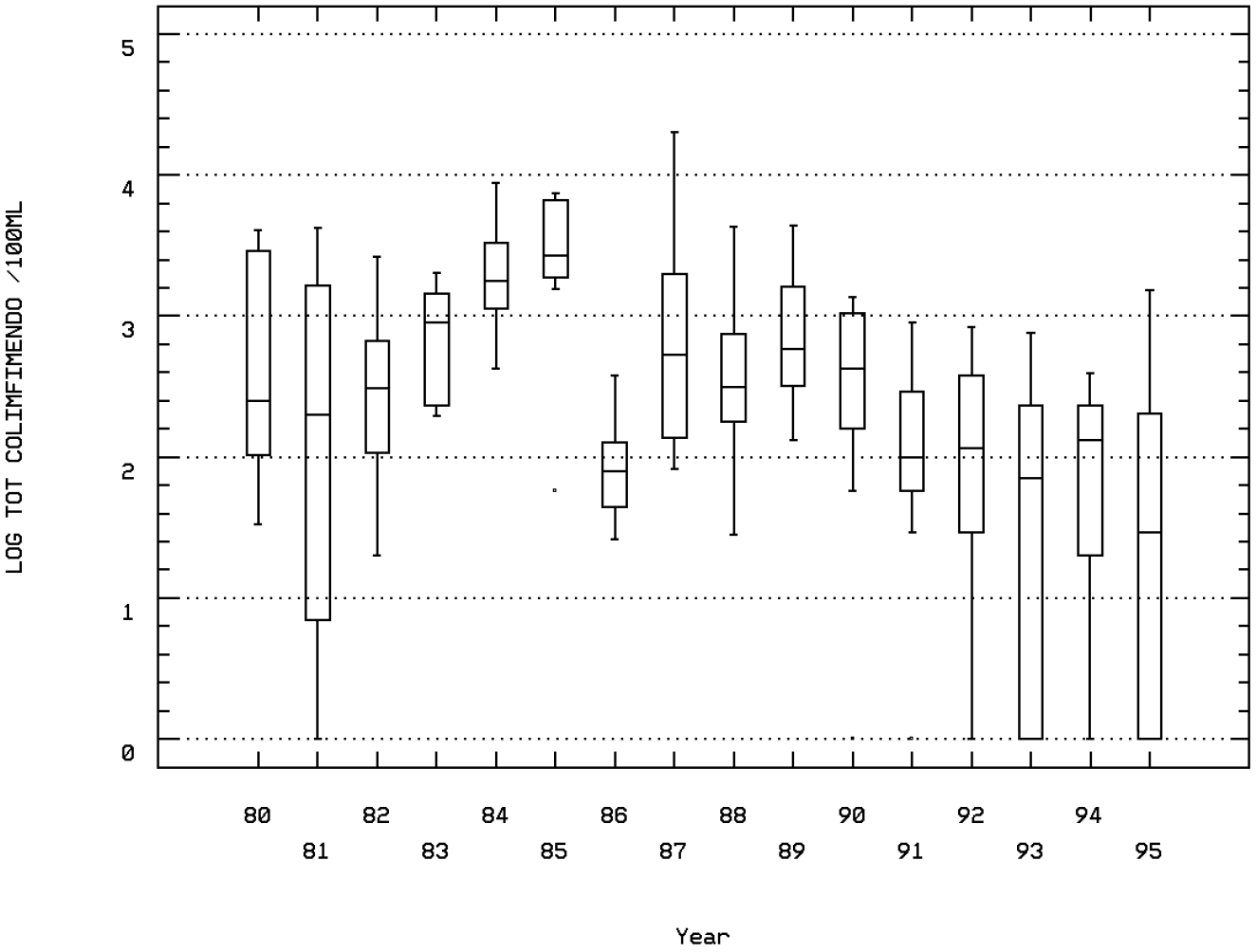
Annual Analysis for 1995 - Station GATE0403

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-09/06/95	14	29.	171.929	1537.	0.	161402.687	401.75	0.	0.	203.	884.5
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-09/06/95	14	1.462	1.304	3.187	0.	1.221	1.105	0.	0.	2.307	2.776
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			20.142								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/80-09/06/95	14	14.5	51.786	464.	0.	14772.951	121.544	0.	0.	36.25	275.5
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/80-09/06/95	14	0.731	0.873	2.667	0.	0.913	0.956	0.	0.	1.538	2.303
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			7.461								

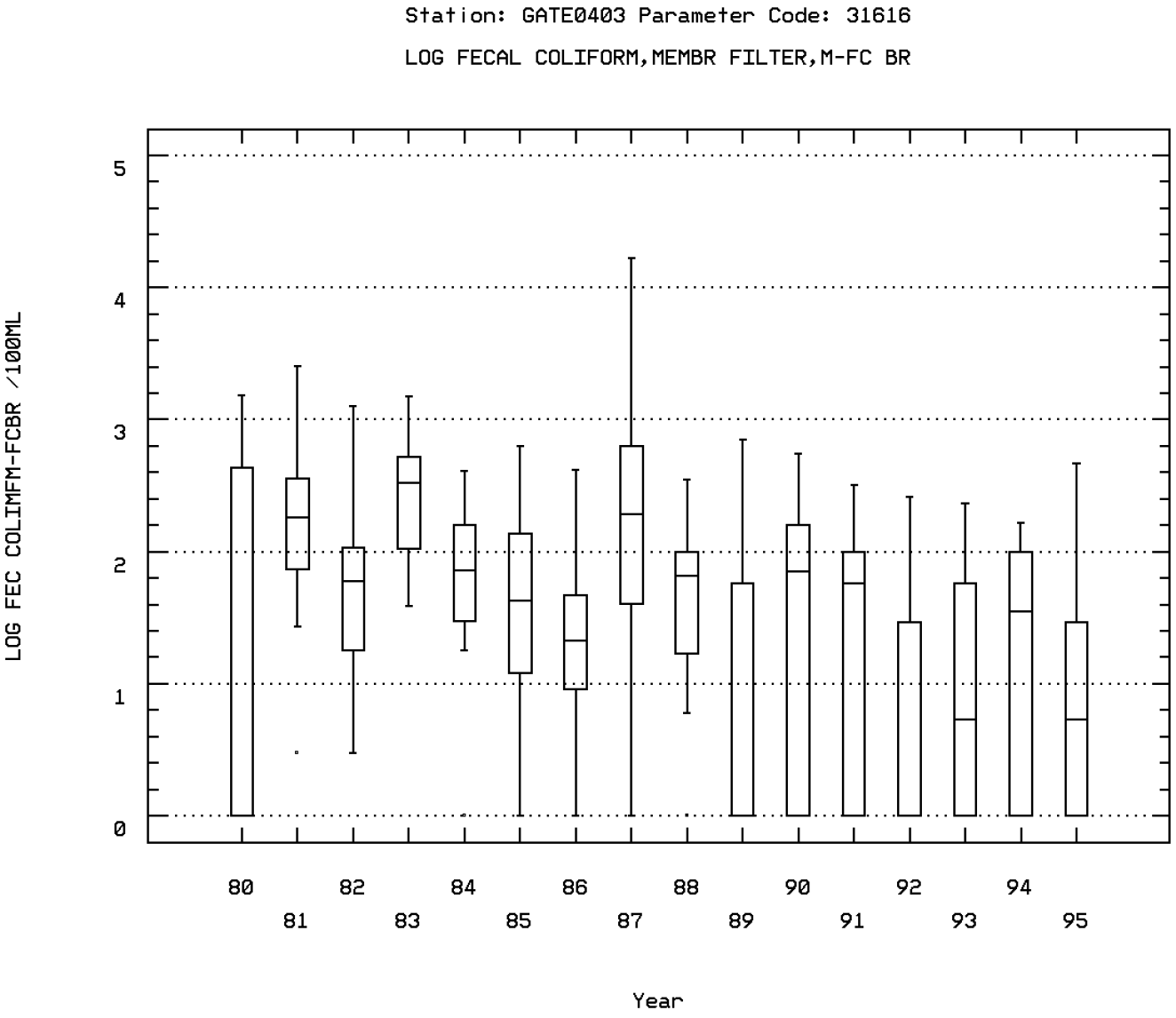
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: GATE0403 Parameter Code: 31501

LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.



South Beach


Station: GATE0403 Parameter Code: 31616
LOG FECAL COLIFORM,MEMBR FILTER,M-FC BR
LOG FEC COLIMFM-FCBR /100ML
0
1
2
3
4
5
80
81
82
83
84
85
86
87
88
89
90
91
92
93
94
95
Year

South Beach

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0403

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-09/06/95	71	377.	915.944	7400.	0.	1705720.568	1306.032	21.8	83.	1218.	2852.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-09/06/95	71	2.576	2.42	3.869	0.	0.847	0.92	1.333	1.919	3.086	3.455
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			262.952								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/80-09/06/95	71	40.	183.282	1900.	0.	141110.977	375.647	0.	0.	145.	425.4
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/80-09/06/95	71	1.602	1.402	3.279	0.	1.113	1.055	0.	0.	2.161	2.629
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			25.259								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0403

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-09/06/95	146	206.5	1053.918	20000.	0.	5426839.979	2329.558	20.3	82.75	981.5	2843.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-09/06/95	146	2.315	2.298	4.301	0.	0.933	0.966	1.244	1.916	2.992	3.451
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			198.48								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/80-09/06/95	146	44.5	271.411	16670.	0.	2060329.444	1435.385	0.	1.5	134.	429.7
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/80-09/06/95	146	1.648	1.44	4.222	0.	0.982	0.991	0.	0.226	2.127	2.633
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			27.565								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0404

NPS Station ID: GATE0404
LAT/LON: 40.637782/ -74.065837
Agency: 1111H030
Date Created: / /
Location: NARROWS (105)
FIPS State/County: 36085 NEW YORK/RICHMOND
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): 403816007403570/105
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030104
Depth of Water: 40
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-N.Y. METROPOLI
ECO Region:
RF1 Index: 02030104
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0404

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/12/63-11/26/63	20	19.	18.14	22.2	11.2	10.716	3.274	11.37	18.4	20.1	21.16
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/12/63-11/26/63	18	24.	22.667	32.	10.	49.412	7.029	10.	17.	29.25	32.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/12/63-09/20/63	13	30000.	30415.385	34000.	28400.	2763076.923	1662.251	28560.	28900.	31800.	33200.
00300	OXYGEN, DISSOLVED MG/L	08/12/63-11/26/63	20	3.8	3.925	6.4	2.4	1.007	1.004	2.8	3.15	4.375	5.65
00310	BOD, 5 DAY, 20 DEG C MG/L	08/12/63-11/12/63	18	1.9	1.867	3.9	1.	0.467	0.683	1.09	1.375	2.225	2.55
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/12/63-11/12/63	15	0.06	0.061	0.11	0.03	0.001	0.023	0.03	0.04	0.07	0.098
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/12/63-11/12/63	13	0.12	0.125	0.22	0.02	0.005	0.071	0.024	0.06	0.2	0.212
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/12/63-11/12/63	15	0.79	0.741	1.12	0.41	0.039	0.197	0.452	0.59	0.84	1.072
00940	CHLORIDE,TOTAL IN WATER MG/L	08/12/63-11/12/63	15	14700.	14760.	16100.	14000.	338285.714	581.623	14000.	14400.	15000.	15800.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/12/63-11/26/63	20	57000.	127800.	700000.	9000.38835	431578.947	197067.074	13000.	21250.	96000.	584000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/12/63-11/26/63	20	4.756	4.752	5.845	3.954	0.294	0.542	4.114	4.325	4.982	5.761
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			56526.11								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/12/63-11/26/63	20	11000.	18920.	61000.	1700.	325605894.737	18044.553	2420.	6075.	30500.	55600.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/12/63-11/26/63	20	4.04	4.08	4.785	3.23	0.2	0.447	3.384	3.783	4.479	4.744
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			12025.447								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/12/63-11/26/63	20	640.	850.5	2400.	90.	466626.053	683.1	167.	290.	1300.	2220.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/12/63-11/26/63	20	2.798	2.777	3.38	1.954	0.158	0.398	2.22	2.462	3.114	3.343
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			599.059								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0404

				Total	Exceed	Prop.	----------8/01-10/31----------			----------11/01-3/31----------			----------4/01-7/31----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	20	13	0.65	16	12	0.75	4	1	0.25						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	20	20	1.00	16	16	1.00	4	4	1.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	20	20	1.00	16	16	1.00	4	4	1.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0405

NPS Station ID: GATE0405 LAT/LON: 40.648059/ -74.068615 Agency: 31ISC2RS Date Created: 11/07/81
Location: UPPER NEW YORK BAY NEAR MOUTH OF KILL VAN KULL FIPS State/County: 36085 NEW YORK/RICHMOND
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): UH-05 /UH05 /1405
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02030104 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METROPOLITAN AREA ECO Region:
RF1 Index: 02030104004 RF1 Mile Point: 10.280 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:
ER NEW YORK BAY NEAR MOUTH OF KILL VAN KULL E-W: FIXED GREEN RANGE LIGHTS ON EXXON DOCK (CONSTABLE HOOK IN N.J.)
N-S: BLACK BUOYS IN MAIN SHIP CHANNEL IN UPPER NEW YORK BAY

Parameter Inventory for Station: GATE0405

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/74-06/19/74	8	6.75	8.713	19.5	2.6	36.681	6.057	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/16/74-06/19/74	9	7.5	7.156	9.8	2.7	6.5	2.55	2.7	5.1	9.4	9.8
00310	BOD, 5 DAY, 20 DEG C MG/L	01/16/74-06/19/74	9	2.5	2.567	3.5	1.4	0.423	0.65	1.4	2.2	3.15	3.5
00940	CHLORIDE,TOTAL IN WATER MG/L	01/16/74-06/19/74	9	10500.	10177.778	12000.	6100.	3391944.444	1841.723	6100.	9400.	11700.	12000.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0405

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	9	2	0.22				3	0	0.00	6	2	0.33			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0406

NPS Station ID: GATE0406 | LAT/LON: 40.568059/ -74.069448 | Agency: 11NOAMID | Date Created: 11/16/78
Location: RARITAN BAY | FIPS State/County: 36085 NEW YORK/RICHMOND
Station Type: /TYPA/AMBNT/OCEAN | STORET Station ID(s): RARB37
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 02030104 | Depth of Water: 0 | Aquifer:
Major Basin: NORTHEAST | Elevation: 0 | Water Body Id:
Minor Basin: LOWER HUDSON NEW YORK METRO AREA | ECO Region:
RF1 Index: 02030104004 | RF1 Mile Point: 3.740 | Distance from RF1: 0.00 | On/Off RF1: OFF
RF3 Index: 02030202104200.00 | RF3 Mile Point: 0.00 | Distance from RF3: 4.93 | On/Off RF3:
Description:
TRACE METALS IN SEDIMENTS OF RARITAN BAY - GREIG AND MCGRATH - NOAA NATL MAR FISH SERV - MID ATLANTIC COAST FISH CEN MILFORD CT 1973
MARINE POLLUTION BULLETIN VOL 8 NO 8 AUG 1977

Parameter Inventory for Station: GATE0406

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/01/73-05/01/73	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/01/73-05/01/73	1	22.	22.	22.	22.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	05/01/73-05/01/73	1	13.	13.	13.	13.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	05/01/73-05/01/73	1	26.	26.	26.	26.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/01/73-05/01/73	1	9.	9.	9.	9.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	05/01/73-05/01/73	1	60.	60.	60.	60.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GATE0407

NPS Station ID: GATE0407
LAT/LON: 40.553892/ -74.072226
Agency: 1111H030
Date Created: / /
Location: RARITAN BAY (39)
FIPS State/County: 36085 NEW YORK/RICHMOND
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): 403314007404200/039 /39
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030104
Depth of Water: 16
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-N.Y. METROPOLI
ECO Region:
RF1 Index: 02030104
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0407

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/13/63-01/23/68	51	18.1	14.943	24.7	1.3	49.568	7.04	3.12	8.7	20.2	22.44
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/13/63-08/23/66	46	20.	19.391	34.	1.	72.688	8.526	4.4	14.	26.	28.6
00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/24/66-08/23/66	7	3.4	4.343	14.	1.1	19.126	4.373	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/23/63-06/01/67	7	31000.	31200.	36400.	25800.	11323333.333	3365.016	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	02/13/63-01/23/68	48	7.35	8.077	13.9	4.4	6.024	2.454	5.19	5.9	10.4	11.4
00310	BOD, 5 DAY, 20 DEG C MG/L	03/05/63-01/23/68	36	2.	2.061	5.2	0.3	0.904	0.951	1.07	1.3	2.6	3.16
00340	COD, .25N K2CR2O7 MG/L	06/04/64-08/23/66	8	151.	137.5	197.	31.	2729.143	52.241	**	**	**	**
00400	PH (STANDARD UNITS)	03/23/64-06/01/67	10	7.7	7.67	8.2	7.2	0.102	0.32	7.22	7.4	7.925	8.18
00400	CONVERTED PH (STANDARD UNITS)	03/23/64-06/01/67	10	7.689	7.571	8.2	7.2	0.113	0.336	7.22	7.4	7.925	8.18
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/23/64-06/01/67	10	0.02	0.027	0.063	0.006	0.	0.018	0.007	0.012	0.04	0.061
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	07/29/64-07/29/64	1	0.41	0.41	0.41	0.41	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/04/64-07/21/66	3	0.24	0.32	0.63	0.09	0.078	0.279	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/04/64-08/23/66	11	0.03	0.03	0.07	0.01	0.	0.018	0.01	0.02	0.04	0.066
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/04/64-08/23/66	11	0.08	0.087	0.16	0.01	0.003	0.053	0.012	0.04	0.13	0.16
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/26/66-08/23/66	8	0.72	0.778	1.33	0.33	0.097	0.312	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/26/66-01/23/68	7	0.39	0.366	0.49	0.23	0.011	0.103	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/04/64-08/23/66	11	0.33	0.418	0.76	0.21	0.038	0.196	0.214	0.26	0.6	0.748
00940	CHLORIDE,TOTAL IN WATER MG/L	02/13/63-06/01/67	41	14100.	13708.78	16200.	9400.	2048860.976	1431.384	11580.	13000.	14650.	15180.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/08/63-01/23/68	24	2000.	5116.667	31000.	80.	69725197.101	8350.162	110.	482.5	6025.	20000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/08/63-01/23/68	24	3.273	3.208	4.491	1.903	0.543	0.737	2.034	2.683	3.779	4.239
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1613.044								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/13/63-06/01/67	28	1600.	2881.643	13000.	27.	9386353.127	3063.716	160.9	540.	4550.	7220.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/13/63-06/01/67	28	3.204	3.147	4.114	1.431	0.415	0.644	2.197	2.732	3.654	3.857
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1404.075								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/13/63-06/01/67	28	665.	1255.607	7900.	4.	2821762.47	1679.81	21.8	140.	2275.	3320.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/13/63-06/01/67	28	2.815	2.642	3.898	0.602	0.637	0.798	1.33	2.143	3.357	3.521
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			438.625								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/63-01/23/68	41	380.	1044.878	6700.	2.	2186592.41	1478.713	12.	96.	1550.	2940.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/05/63-01/23/68	41	2.58	2.483	3.826	0.301	0.717	0.847	1.06	1.982	3.185	3.468
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			303.828								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	02/13/63-08/23/66	48	44.	98.75	1300.	2.	38606.574	196.486	2.	13.	125.	230.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	02/13/63-08/23/66	48	1.643	1.533	3.114	0.301	0.487	0.698	0.301	1.11	2.096	2.362
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			34.082								
70305	SALINITY BASED ON CONDUCTIVITY	01/23/68-01/23/68	1	23.8	23.8	23.8	23.8	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0407

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	7	0	0.00	1	0	0.00	2	0	0.00	4	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	48	0	0.00	8	0	0.00	10	0	0.00	30	0	0.00			
00400	PH	Other-Hi Lim.	9.	10	0	0.00	1	0	0.00	4	0	0.00	5	0	0.00			
		Other-Lo Lim.	6.5	10	0	0.00	1	0	0.00	4	0	0.00	5	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	24	14	0.58	4	4	1.00	7	2	0.29	13	8	0.62			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	28	19	0.68	4	3	0.75	4	0	0.00	20	16	0.80			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	28	19	0.68	4	3	0.75	4	1	0.25	20	15	0.75			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	41	27	0.66	7	6	0.86	9	5	0.56	25	16	0.64			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0408

NPS Station ID: GATE0408 | LAT/LON: 40.550004/ -74.072226 | Agency: 11NOAMID | Date Created: 11/16/78
Location: RARITAN BAY | FIPS State/County: 36085 NEW YORK/RICHMOND
Station Type: /TYPA/AMBNT/OCEAN | STORET Station ID(s): RARB39
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 02030104 | Depth of Water: 0 | Aquifer:
Major Basin: NORTHEAST | Elevation: 0 | Water Body Id:
Minor Basin: LOWER HUDSON NEW YORK METRO AREA | ECO Region:
RF1 Index: 02030104 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 02030202104200.00 | RF3 Mile Point: 0.00 | Distance from RF3: 4.93 | On/Off RF3:
Description:
TRACE METALS IN SEDIMENTS OF RARITAN BAY - GREIG AND MCGRATH - NOAA NATL MAR FISH SERV - MID ATLANTIC COAST FISH CEN MILFORD CT 1973
MARINE POLLUTION BULLETIN VOL 8 NO 8 AUG 1977

Parameter Inventory for Station: GATE0408

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	2 ##	1.	1.	1.5	0.5	0.5	0.707	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	2	30.5	30.5	50.	11.	760.5	27.577	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	02/01/73-05/01/73	2	33.3	33.3	58.	8.6	1220.18	34.931	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	02/01/73-05/01/73	2	40.	40.	60.	20.	800.	28.284	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	2	5.9	5.9	9.	2.8	19.22	4.384	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	02/01/73-05/01/73	2	77.	77.	90.	64.	338.	18.385	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GATE0409

NPS Station ID: GATE0409 LAT/LON: 40.562505/ -74.072226 Agency: 31ISC2RS Date Created: 11/07/81
Location: LOWER NEW YORK BAY OFF MIDLAND BEACH FIPS State/County: 36085 NEW YORK/RICHMOND
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): LB-02 /LB02 /3402
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02030104 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METROPOLITAN AREA ECO Region:
RF1 Index: 02030104004 RF1 Mile Point: 3.600 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:
ER NEW YORK BAY AT B.W. BELL OFF MIDLAND BEACH IN STATEN ISLAND, NY

Parameter Inventory for Station: GATE0409

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/07/74-03/24/86	103	18.	15.455	27.	0.	56.646	7.526	3.64	9.	22.	24.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/11/75-03/24/86	90	2.	2.944	18.	0.	6.817	2.611	1.	2.	3.	4.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/02/74-03/24/86	96	38000.	36694.792	50000.	20000.	43779235.746	6616.588	28000.	32625.	41375.	44650.
00300	OXYGEN, DISSOLVED MG/L	08/07/74-03/24/86	101	7.6	7.803	14.	3.4	5.369	2.317	4.82	6.15	9.4	11.
00310	BOD, 5 DAY, 20 DEG C MG/L	08/07/74-02/24/82	49	2.8	3.016	8.2	0.6	2.278	1.509	1.2	1.95	4.	4.8
00400	PH (STANDARD UNITS)	01/08/75-06/02/82	74	7.5	7.539	8.6	6.9	0.102	0.319	7.2	7.3	7.7	8.
00400	CONVERTED PH (STANDARD UNITS)	01/08/75-06/02/82	74	7.5	7.438	8.6	6.9	0.112	0.335	7.2	7.3	7.7	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/08/75-06/02/82	74	0.032	0.036	0.126	0.003	0.001	0.024	0.01	0.02	0.05	0.063
00560	OIL & GREASE (FREON EXTR.-IR METHOD) TOT,REC,MG/L	07/16/75-03/24/86	19	0.2	0.316	2.9	0.	0.419	0.647	0.	0.	0.3	0.7
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/21/74-08/08/83	37	0.3	0.338	1.05	0.005	0.041	0.203	0.086	0.225	0.45	0.56
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/21/74-10/01/75	9	0.05	0.057	0.09	0.04	0.	0.019	0.04	0.04	0.075	0.09
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/21/74-10/01/75	9	0.54	0.806	2.66	0.3	0.52	0.721	0.3	0.455	0.835	2.66
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/07/76-08/04/82	10	0.775	0.707	1.37	0.1	0.122	0.35	0.123	0.48	0.865	1.327
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/25/76-08/08/83	28	0.28	0.295	0.78	0.01	0.026	0.163	0.101	0.21	0.39	0.484
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/07/76-08/08/83	25	0.11	0.12	0.22	0.07	0.001	0.036	0.08	0.1	0.14	0.172
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/21/74-08/08/83	36	0.06	0.071	0.35	0.005	0.004	0.06	0.017	0.04	0.09	0.123
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/07/74-03/24/86	90	8.	9.267	23.	1.	15.321	3.914	5.	7.	11.	15.
00690	CARBON, TOTAL (MG/L AS C)	08/07/74-03/24/86	93	30.	30.247	39.	18.	8.775	2.962	27.	28.	32.	33.
00940	CHLORIDE,TOTAL IN WATER MG/L	08/07/74-10/01/75	12	13500.	12900.	14700.	9600.	2869090.909	1693.839	9660.	11975.	14000.	14640.
01000	ARSENIC, DISSOLVED (UG/L AS AS)	02/25/76-05/02/79	2	## 5.	5.	5.	5.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	02/25/76-03/24/86	11	## 2.	2.273	5.	1.	2.618	1.618	1.	1.	4.	5.
01025	CADMIUM, DISSOLVED (UG/L AS CD)	02/25/76-02/24/82	17	## 0.25	0.4	1.	0.25	0.05	0.223	0.25	0.25	0.5	0.84
01027	CADMIUM, TOTAL (UG/L AS CD)	08/21/74-03/24/86	32	0.75	1.725	15.	0.25	9.763	3.125	0.25	0.25	1.	4.7
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	02/25/76-02/24/82	18	## 2.5	2.667	6.	0.5	2.059	1.435	0.5	2.375	2.625	5.1
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/21/74-03/24/86	33	## 2.5	4.176	18.	0.3	15.248	3.905	1.4	2.5	4.5	9.6
01035	COBALT, DISSOLVED (UG/L AS CO)	02/25/76-02/24/82	13	## 0.5	0.692	3.	0.5	0.481	0.693	0.5	0.5	0.5	2.
01037	COBALT, TOTAL (UG/L AS CO)	07/02/75-08/04/82	17	## 0.5	2.294	24.	0.5	32.033	5.66	0.5	0.5	1.5	7.2
01040	COPPER, DISSOLVED (UG/L AS CU)	02/25/76-02/24/82	18	16.	18.611	43.	1.	146.84	12.118	2.8	9.75	28.75	35.8
01042	COPPER, TOTAL (UG/L AS CU)	08/21/74-03/24/86	33	26.	33.318	120.	0.5	680.56	26.088	4.	12.	53.5	65.6
01045	IRON, TOTAL (UG/L AS FE)	07/02/75-03/24/86	22	116.5	130.773	367.	26.	6843.994	82.728	29.6	75.5	192.25	233.5
01046	IRON, DISSOLVED (UG/L AS FE)	02/25/76-02/24/82	13	14.	17.923	39.	3.	127.577	11.295	3.8	8.5	29.5	35.4
01049	LEAD, DISSOLVED (UG/L AS PB)	02/25/76-02/24/82	17	5.	4.235	10.	2.5	4.316	2.078	2.5	2.5	5.	7.6
01051	LEAD, TOTAL (UG/L AS PB)	08/21/74-03/24/86	33	10.	13.818	60.	2.5	125.497	11.203	2.5	8.	15.	26.2
01065	NICKEL, DISSOLVED (UG/L AS NI)	02/25/76-02/24/82	18	## 2.5	5.	15.	2.5	13.971	3.738	2.5	2.5	6.25	10.5
01067	NICKEL, TOTAL (UG/L AS NI)	08/21/74-03/24/86	33	10.	13.652	130.	2.5	487.789	22.086	2.5	5.	15.	27.4
01075	SILVER, DISSOLVED (UG/L AS AG)	02/25/76-02/24/82	12	## 0.5	0.75	2.	0.5	0.205	0.452	0.5	0.5	1.	1.7

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GATE0409

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01077	SILVER, TOTAL (UG/L AS AG)	07/02/75-03/24/86	20	1.	1.85	6.	0.5	2.503	1.582	0.5	1.	2.75	4.9
01090	ZINC, DISSOLVED (UG/L AS ZN)	02/25/76-07/01/81	14	37.	51.929	140.	16.	1346.533	36.695	17.5	27.5	76.75	123.5
01092	ZINC, TOTAL (UG/L AS ZN)	08/21/74-03/24/86	32	45.	62.422	228.	0.5	2442.953	49.426	15.9	32.25	80.75	136.4
01100	TIN, DISSOLVED (UG/L AS SN)	02/25/76-07/01/81	11 ##	25.	25.	25.	25.	0.	0.	25.	25.	25.	25.
01102	TIN, TOTAL (UG/L AS SN)	02/25/76-07/01/81	12 ##	25.	31.25	100.	25.	468.75	21.651	25.	25.	25.	77.5
01105	ALUMINUM, TOTAL (UG/L AS AL)	07/02/75-08/04/82	15	70.	64.933	150.	5.	1572.924	39.66	8.	30.	90.	126.
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	02/25/76-02/24/82	13	30.	30.308	60.	10.	220.397	14.846	12.	19.5	40.	56.
31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	06/01/77-08/04/82	24	1900.	6494.167	47000.	50.	130386094.928	11418.673	165.	370.	6100.	25500.
31504	LOG COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,	06/01/77-08/04/82	24	3.278	3.235	4.672	1.699	0.607	0.779	2.217	2.568	3.785	4.396
31504	GM COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,3	GEOMETRIC MEAN =			1718.426								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/03/82-03/24/86	16	5400.	8642.5	24000.	790.	63103553.333	7943.775	790.	2675.	16000.	24000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/03/82-03/24/86	16	3.732	3.733	4.38	2.898	0.221	0.47	2.898	3.421	4.204	4.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			5402.59								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	08/21/74-08/04/82	48	460.	1007.188	12000.	10.	4359837.134	2088.022	44.5	142.5	880.	1530.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	08/21/74-08/04/82	48	2.663	2.555	4.079	1.	0.43	0.656	1.648	2.154	2.944	3.184
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			359.079								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/03/82-03/24/86	16	595.	1164.375	5400.	50.	2082412.917	1443.057	113.	370.	1250.	4070.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/03/82-03/24/86	16	2.768	2.8	3.732	1.699	0.269	0.518	2.012	2.561	3.096	3.601
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			631.612								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/02/75-07/16/85	38	12.5	18.5	86.	0.	464.311	21.548	0.	4.5	24.5	54.1
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	04/02/75-07/16/85	38	2.	3.447	31.	0.	29.821	5.461	0.	0.	6.	8.
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	04/02/75-07/16/85	38	11.5	14.211	55.	0.	181.252	13.463	0.	3.	23.25	30.1
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	08/20/75-09/03/80	7	2.	12.357	68.	0.5	615.226	24.804	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	08/21/74-03/24/86	31	0.2	0.206	0.6	0.05	0.028	0.167	0.05	0.05	0.3	0.48

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0409

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------8/01-10/31---------- Obs	Exceed	Prop.	----------11/01-3/31---------- Obs	Exceed	Prop.	----------4/01-7/31---------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	90	0	0.00	28	0	0.00	22	0	0.00	40	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	101	6	0.06	30	5	0.17	26	0	0.00	45	1	0.02			
00400	PH	Other-Hi Lim.	8.5	74	1	0.01	19	0	0.00	22	0	0.00	33	1	0.03			
		Other-Lo Lim.	6.5	74	0	0.00	19	0	0.00	22	0	0.00	33	0	0.00			
01000	ARSENIC, DISSOLVED	Marine Acute	69.	2	0	0.00				1	0	0.00	1	0	0.00			
01002	ARSENIC, TOTAL	Marine Acute	69.	11	0	0.00	1	0	0.00	8	0	0.00	2	0	0.00			
01025	CADMIUM, DISSOLVED	Marine Acute	43.	17	0	0.00	3	0	0.00	7	0	0.00	7	0	0.00			
01027	CADMIUM, TOTAL	Marine Acute	43.	32	0	0.00	8	0	0.00	14	0	0.00	10	0	0.00			
01040	COPPER, DISSOLVED	Marine Acute	2.9	18	17	0.94	3	3	1.00	8	8	1.00	7	6	0.86			
01042	COPPER, TOTAL	Marine Acute	2.9	33	32	0.97	9	9	1.00	14	13	0.93	10	10	1.00			
01049	LEAD, DISSOLVED	Marine Acute	220.	17	0	0.00	3	0	0.00	7	0	0.00	7	0	0.00			
01051	LEAD, TOTAL	Marine Acute	220.	33	0	0.00	9	0	0.00	14	0	0.00	10	0	0.00			
01065	NICKEL, DISSOLVED	Marine Acute	75.	18	0	0.00	3	0	0.00	8	0	0.00	7	0	0.00			
01067	NICKEL, TOTAL	Marine Acute	75.	33	1	0.03	9	1	0.11	14	0	0.00	10	0	0.00			
01075	SILVER, DISSOLVED	Marine Acute	0.12	4 &	4	1.00				2	2	1.00	2	2	1.00			
01077	SILVER, TOTAL	Marine Acute	0.12	16 &	16	1.00	5	5	1.00	7	7	1.00	4	4	1.00			
01090	ZINC, DISSOLVED	Marine Acute	95.	14	2	0.14	2	1	0.50	6	0	0.00	6	1	0.17			
01092	ZINC, TOTAL	Marine Acute	95.	32	6	0.19	9	2	0.22	13	2	0.15	10	2	0.20			
31504	COLIFORM,TOT,MEMBRANE FILTR,IMMED. LES-E	Other-Hi Lim.	1000.	24	14	0.58	8	3	0.38	3	3	1.00	13	8	0.62			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	16	14	0.88	2	2	1.00	6	5	0.83	8	7	0.88			
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	48	33	0.69	19	14	0.74	8	5	0.63	21	14	0.67			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	16	13	0.81	2	2	1.00	6	4	0.67	8	7	0.88			
71900	MERCURY, TOTAL	Marine Acute	2.1	31	0	0.00	9	0	0.00	14	0	0.00	8	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1974 - Station GATE0409

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/07/74-03/24/86	5	18.8	18.	23.	11.4	27.06	5.202	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/02/74-03/24/86	1	44000.	44000.	44000.	44000.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/07/74-03/24/86	5	5.8	5.46	6.6	3.9	1.143	1.069	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/07/74-03/24/86	5	7.	7.	10.	4.	5.	2.236	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	08/07/74-03/24/86	5	34.	33.2	35.	31.	2.7	1.643	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station GATE0409

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/07/74-03/24/86	14	10.6	13.021	24.	2.4	69.613	8.343	3.	5.05	21.65	24.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/11/75-03/24/86	12	4.	3.833	6.	2.	2.152	1.467	2.	2.25	5.	6.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/02/74-03/24/86	12	33350.	33725.	39000.	28000.	13652954.545	3694.99	28300.	30000.	36000.	39000.
00300	OXYGEN, DISSOLVED MG/L	08/07/74-03/24/86	14	8.6	8.293	13.8	3.4	8.096	2.845	3.7	6.55	10.6	12.3
00400	PH (STANDARD UNITS)	01/08/75-06/02/82	14	7.5	7.593	8.6	6.9	0.244	0.494	6.95	7.25	8.	8.4
00400	CONVERTED PH (STANDARD UNITS)	01/08/75-06/02/82	14	7.5	7.382	8.6	6.9	0.291	0.54	6.95	7.25	8.	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/08/75-06/02/82	14	0.032	0.041	0.126	0.003	0.001	0.038	0.004	0.01	0.057	0.113
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/07/74-03/24/86	12	11.	10.417	17.	3.	16.447	4.055	3.9	7.25	12.75	16.7
00690	CARBON, TOTAL (MG/L AS C)	08/07/74-03/24/86	14	30.5	30.786	33.	28.	2.951	1.718	28.5	29.	32.25	33.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station GATE0409

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/07/74-03/24/86	12	20.5	17.7	22.	8.	30.571	5.529	8.36	11.35	22.	22.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/11/75-03/24/86	10	3.	3.1	5.	2.	0.989	0.994	2.	2.	4.	4.9
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/02/74-03/24/86	12	37750.	35708.333	40500.	23000.	27702651.515	5263.331	24800.	33125.	39750.	40350.
00300	OXYGEN, DISSOLVED MG/L	08/07/74-03/24/86	12	7.65	7.908	11.2	5.4	2.995	1.731	5.7	6.55	8.4	11.14
00400	PH (STANDARD UNITS)	01/08/75-06/02/82	9	7.3	7.3	7.7	7.	0.045	0.212	7.	7.15	7.45	7.7
00400	CONVERTED PH (STANDARD UNITS)	01/08/75-06/02/82	9	7.3	7.258	7.7	7.	0.047	0.217	7.	7.15	7.45	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/08/75-06/02/82	9	0.05	0.055	0.1	0.02	0.001	0.025	0.02	0.036	0.071	0.1
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/07/74-03/24/86	10	8.	8.1	12.	3.	6.1	2.47	3.3	6.75	10.	11.8
00690	CARBON, TOTAL (MG/L AS C)	08/07/74-03/24/86	10	32.	30.8	34.	26.	8.178	2.86	26.	28.25	33.	33.9

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station GATE0409

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/07/74-03/24/86	12	13.8	14.517	24.5	0.	60.98	7.809	1.59	8.55	20.95	24.35
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/11/75-03/24/86	11	3.	3.636	13.	2.	10.255	3.202	2.	2.	4.	11.2
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/02/74-03/24/86	11	35000.	35136.364	44000.	20000.	60454545.455	7775.252	21500.	29500.	43000.	43800.
00300	OXYGEN, DISSOLVED MG/L	08/07/74-03/24/86	11	7.6	7.455	11.8	3.8	4.681	2.163	4.16	6.	8.2	11.44
00400	PH (STANDARD UNITS)	01/08/75-06/02/82	6	7.5	7.567	7.8	7.4	0.023	0.151	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/08/75-06/02/82	6	7.5	7.546	7.8	7.4	0.023	0.152	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/08/75-06/02/82	6	0.032	0.028	0.04	0.016	0.	0.009	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/07/74-03/24/86	9	8.	8.111	11.	5.	3.111	1.764	5.	7.	9.5	11.
00690	CARBON, TOTAL (MG/L AS C)	08/07/74-03/24/86	10	29.	28.9	32.	25.	7.211	2.685	25.	26.5	31.25	32.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GATE0409

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/07/74-03/24/86	10	17.15	16.34	24.	1.	48.416	6.958	1.98	12.3	22.575	23.88
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/11/75-03/24/86	10	2.	2.3	4.	1.	0.678	0.823	1.1	2.	3.	3.9
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/02/74-03/24/86	10	39650.	36900.	45000.	21000.	51386666.667	7168.449	22000.	32875.	42250.	44800.
00300	OXYGEN, DISSOLVED MG/L	08/07/74-03/24/86	10	7.1	7.11	10.4	4.	4.592	2.143	4.01	5.525	8.75	10.28
00400	PH (STANDARD UNITS)	01/08/75-06/02/82	9	7.6	7.556	7.8	7.2	0.05	0.224	7.2	7.35	7.8	7.8
00400	CONVERTED PH (STANDARD UNITS)	01/08/75-06/02/82	9	7.6	7.503	7.8	7.2	0.053	0.231	7.2	7.35	7.8	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/08/75-06/02/82	9	0.025	0.031	0.063	0.016	0.	0.017	0.016	0.016	0.045	0.063
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/07/74-03/24/86	10	8.	7.7	9.	6.	0.9	0.949	6.1	7.	8.25	9.
00690	CARBON, TOTAL (MG/L AS C)	08/07/74-03/24/86	10	30.	29.7	32.	28.	2.456	1.567	28.	28.	31.	31.9

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station GATE0409

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/07/74-03/24/86	12	17.25	15.	24.	2.	57.318	7.571	3.05	7.25	21.5	24.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/11/75-03/24/86	12	3.	3.833	18.	1.	20.515	4.529	1.3	2.	3.	13.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/02/74-03/24/86	10	36500.	35600.	41500.	28000.	24877777.778	4987.763	28200.	31125.	41000.	41450.
00300	OXYGEN, DISSOLVED MG/L	08/07/74-03/24/86	11	7.4	7.673	11.	4.4	4.41	2.1	4.64	6.	10.2	10.84
00400	PH (STANDARD UNITS)	01/08/75-06/02/82	12	7.45	7.525	8.2	7.2	0.091	0.302	7.2	7.3	7.7	8.11
00400	CONVERTED PH (STANDARD UNITS)	01/08/75-06/02/82	12	7.447	7.448	8.2	7.2	0.098	0.313	7.2	7.3	7.7	8.11
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/08/75-06/02/82	12	0.036	0.036	0.063	0.006	0.	0.019	0.008	0.02	0.05	0.063
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/07/74-03/24/86	10	9.	8.1	15.	1.	15.878	3.985	1.3	4.75	10.25	14.6
00690	CARBON, TOTAL (MG/L AS C)	08/07/74-03/24/86	10	29.5	30.3	36.	25.	11.344	3.368	25.2	28.5	32.75	35.9

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GATE0409

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/07/74-03/24/86	9	20.5	18.167	27.	6.	51.125	7.15	6.	11.5	24.	27.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/11/75-03/24/86	10	2.	3.2	15.	1.	17.511	4.185	1.	1.75	2.25	13.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/02/74-03/24/86	10	41750.	39300.	46000.	25000.	42288888.889	6502.991	25600.	36250.	43375.	45850.
00300	OXYGEN, DISSOLVED MG/L	08/07/74-03/24/86	10	8.2	7.98	10.8	4.3	4.811	2.193	4.39	6.325	9.75	10.8
00400	PH (STANDARD UNITS)	01/08/75-06/02/82	10	7.5	7.53	8.	7.	0.098	0.313	7.03	7.3	7.775	8.
00400	CONVERTED PH (STANDARD UNITS)	01/08/75-06/02/82	10	7.5	7.434	8.	7.	0.108	0.329	7.03	7.3	7.775	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/08/75-06/02/82	10	0.032	0.037	0.1	0.01	0.001	0.026	0.01	0.017	0.05	0.095
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/07/74-03/24/86	9	8.	8.778	12.	6.	4.444	2.108	6.	7.5	11.	12.
00690	CARBON, TOTAL (MG/L AS C)	08/07/74-03/24/86	9	30.	30.222	32.	27.	3.194	1.787	27.	29.	32.	32.

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Annual Analysis for 1981 - Station GATE0409

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/07/74-03/24/86	10	17.1	14.97	23.	1.	66.331	8.144	1.	9.625	21.375	22.95
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/11/75-03/24/86	10	2.	2.4	3.	2.	0.267	0.516	2.	2.	3.	3.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/02/74-03/24/86	10	46500.	45100.	50000.	27000.	47211111.111	6871.034	28600.	43750.	50000.	50000.
00300	OXYGEN, DISSOLVED MG/L	08/07/74-03/24/86	10	6.8	7.13	9.8	4.8	3.596	1.896	4.82	5.45	8.95	9.79
00400	PH (STANDARD UNITS)	01/08/75-06/02/82	10	7.5	7.58	7.9	7.4	0.042	0.204	7.4	7.4	7.75	7.9
00400	CONVERTED PH (STANDARD UNITS)	01/08/75-06/02/82	10	7.5	7.541	7.9	7.4	0.043	0.208	7.4	7.4	7.75	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/08/75-06/02/82	10	0.032	0.029	0.04	0.013	0.	0.011	0.013	0.018	0.04	0.04
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/07/74-03/24/86	9	16.	16.556	23.	11.	12.778	3.575	11.	14.5	19.5	23.

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Annual Analysis for 1981 - Station GATE0409

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00690	CARBON, TOTAL (MG/L AS C)	08/07/74-03/24/86	9	33.	32.333	39.	25.	12.75	3.571	25.	31.5	33.	39.

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Annual Analysis for 1982 - Station GATE0409

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/07/74-03/24/86	7	17.	13.843	22.	3.3	60.47	7.776	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/11/75-03/24/86	8	1.	1.125	3.	0.	1.268	1.126	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/02/74-03/24/86	8	37000.	35500.	40000.	29000.	19642857.143	4432.026	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/07/74-03/24/86	7	8.8	9.271	11.6	6.7	3.162	1.778	**	**	**	**
00400	PH (STANDARD UNITS)	01/08/75-06/02/82	4	7.8	7.775	8.1	7.4	0.109	0.33	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/08/75-06/02/82	4	7.755	7.684	8.1	7.4	0.12	0.347	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/08/75-06/02/82	4	0.018	0.021	0.04	0.008	0.	0.015	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/07/74-03/24/86	8	10.	10.125	14.	2.	16.982	4.121	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	08/07/74-03/24/86	8	29.5	29.375	33.	25.	7.696	2.774	**	**	**	**

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Annual Analysis for 1983 - Station GATE0409

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/07/74-03/24/86	4	23.5	19.25	26.5	3.5	112.417	10.603	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/11/75-03/24/86	4	2.	1.75	2.	1.	0.25	0.5	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/02/74-03/24/86	4	39000.	39000.	40500.	37500.	2166666.667	1471.96	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/07/74-03/24/86	3	6.6	6.1	7.7	4.	3.61	1.9	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/07/74-03/24/86	4	5.5	5.75	7.	5.	0.917	0.957	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	08/07/74-03/24/86	4	28.5	28.5	30.	27.	1.667	1.291	**	**	**	**

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Annual Analysis for 1984 - Station GATE0409

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/07/74-03/24/86	2	11.5	11.5	18.	5.	84.5	9.192	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/02/74-03/24/86	2	29000.	29000.	34000.	24000.	50000000.	7071.068	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/07/74-03/24/86	2	9.65	9.65	11.5	7.8	6.845	2.616	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/07/74-03/24/86	2	6.	6.	7.	5.	2.	1.414	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	08/07/74-03/24/86	2	23.	23.	28.	18.	50.	7.071	**	**	**	**

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Annual Analysis for 1985 - Station GATE0409

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/07/74-03/24/86	4	22.	18.125	23.	5.5	71.229	8.44	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/11/75-03/24/86	2	1.5	1.5	2.	1.	0.5	0.707	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/02/74-03/24/86	4	35500.	35000.	36000.	33000.	2000000.	1414.214	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/07/74-03/24/86	4	7.1	8.625	14.	6.3	13.089	3.618	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/07/74-03/24/86	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	08/07/74-03/24/86	1	34.	34.	34.	34.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GATE0409

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/07/74-03/24/86	2	3.5	3.5	4.	3.	0.5	0.707	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/11/75-03/24/86	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/02/74-03/24/86	2	26000.	26000.	30000.	22000.	32000000.	5656.854	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/07/74-03/24/86	2	12.1	12.1	13.	11.2	1.62	1.273	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/07/74-03/24/86	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00690	CARBON, TOTAL (MG/L AS C)	08/07/74-03/24/86	1	27.	27.	27.	27.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0409

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/07/74-03/24/86	31	22.	20.958	27.	9.2	15.381	3.922	12.8	20.	23.	24.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/11/75-03/24/86	28	2.	2.143	4.	0.	0.794	0.891	1.	2.	2.	4.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/02/74-03/24/86	26	40100.	40692.308	50000.	27500.	22804738.462	4775.431	33350.	39000.	43250.	47200.
00300	OXYGEN, DISSOLVED MG/L	08/07/74-03/24/86	30	6.4	6.117	9.8	3.8	2.541	1.594	4.	4.675	7.2	8.2
00310	BOD, 5 DAY, 20 DEG C MG/L	08/07/74-02/24/82	16	2.55	2.85	8.2	0.6	2.756	1.66	1.23	1.925	3.35	5.12
00400	PH (STANDARD UNITS)	01/08/75-06/02/82	19	7.3	7.368	8.2	7.	0.07	0.265	7.1	7.2	7.5	7.7
00400	CONVERTED PH (STANDARD UNITS)	01/08/75-06/02/82	19	7.3	7.31	8.2	7.	0.074	0.271	7.1	7.2	7.5	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/08/75-06/02/82	19	0.05	0.049	0.1	0.006	0.001	0.022	0.02	0.032	0.063	0.079
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/21/74-08/08/83	14	0.405	0.375	0.7	0.01	0.043	0.208	0.04	0.21	0.55	0.65
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/25/76-08/08/83	10	0.245	0.299	0.78	0.01	0.055	0.235	0.02	0.125	0.49	0.754
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/21/74-08/08/83	13	0.09	0.086	0.17	0.02	0.001	0.037	0.032	0.06	0.105	0.15
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/07/74-03/24/86	31	8.	8.871	23.	1.	19.716	4.44	4.2	7.	10.	14.
00690	CARBON, TOTAL (MG/L AS C)	08/07/74-03/24/86	32	31.5	31.313	39.	25.	7.512	2.741	28.	30.	33.	34.
01027	CADMIUM, TOTAL (UG/L AS CD)	08/21/74-03/24/86	8 ##	0.625	2.25	10.	0.25	12.393	3.52	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/21/74-03/24/86	9 ##	2.5	4.944	18.	2.	26.653	5.163	2.	2.5	6.	18.
01042	COPPER, TOTAL (UG/L AS CU)	08/21/74-03/24/86	9	30.	35.778	64.	4.	531.444	23.053	4.	14.5	59.	64.
01045	IRON, TOTAL (UG/L AS FE)	07/02/75-03/24/86	6	101.5	105.833	199.	29.	4924.567	70.175	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	08/21/74-03/24/86	9	10.	15.611	60.	2.5	294.611	17.164	2.5	7.5	15.	60.
01067	NICKEL, TOTAL (UG/L AS NI)	08/21/74-03/24/86	9	10.	25.667	130.	5.	1593.75	39.922	5.	6.	24.	130.
01077	SILVER, TOTAL (UG/L AS AG)	07/02/75-03/24/86	5	1.	2.4	6.	1.	4.8	2.191	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/21/74-03/24/86	9	48.	63.333	153.	1.	2530.5	50.304	1.	28.	106.5	153.
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	08/21/74-08/04/82	19	600.	1587.105	12000.	10.	9659253.655	3107.934	10.	140.	1200.	8200.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	08/21/74-08/04/82	19	2.778	2.609	4.079	1.	0.678	0.823	1.	2.146	3.079	3.914
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			406.779								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/02/75-07/16/85	13	16.	21.154	64.	0.	409.974	20.248	0.4	5.	35.	59.6
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	04/02/75-07/16/85	13	1.	3.077	11.	0.	11.91	3.451	0.	0.5	6.	9.4
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	04/02/75-07/16/85	13	16.	16.154	40.	1.	144.308	12.013	1.8	4.	25.	35.6
71900	MERCURY, TOTAL (UG/L AS HG)	08/21/74-03/24/86	9	0.1	0.144	0.3	0.05	0.012	0.107	0.05	0.05	0.25	0.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0409

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/07/74-03/24/86	27	5.	5.952	14.	0.	17.647	4.201	1.	3.	8.	13.44
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/11/75-03/24/86	22	3.	4.455	18.	1.	21.784	4.667	1.	2.	4.25	14.4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/02/74-03/24/86	26	32000.	32365.385	45000.	20000.	57311153.846	7570.413	21700.	26500.	38125.	44000.
00300	OXYGEN, DISSOLVED MG/L	08/07/74-03/24/86	26	10.3	9.846	14.	5.8	4.375	2.092	6.49	7.9	11.25	12.16
00310	BOD, 5 DAY, 20 DEG C MG/L	08/07/74-02/24/82	14	2.8	2.9	6.7	0.8	2.258	1.503	1.	1.875	4.025	5.4
00400	PH (STANDARD UNITS)	01/08/75-06/02/82	22	7.45	7.541	8.2	6.9	0.122	0.349	7.06	7.3	7.9	8.07
00400	CONVERTED PH (STANDARD UNITS)	01/08/75-06/02/82	22	7.447	7.417	8.2	6.9	0.138	0.371	7.06	7.3	7.9	8.07
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/08/75-06/02/82	22	0.036	0.038	0.126	0.006	0.001	0.03	0.009	0.013	0.05	0.089
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/21/74-08/08/83	10	0.29	0.288	0.45	0.005	0.018	0.134	0.026	0.218	0.42	0.45
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/25/76-08/08/83	8	0.295	0.339	0.48	0.24	0.009	0.095	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/21/74-08/08/83	10	0.04	0.042	0.1	0.005	0.001	0.032	0.005	0.009	0.065	0.098
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/07/74-03/24/86	25	9.	9.6	19.	3.	15.5	3.937	4.6	7.	12.	15.4
00690	CARBON, TOTAL (MG/L AS C)	08/07/74-03/24/86	25	29.	28.88	35.	18.	11.943	3.456	25.	27.	31.	33.4
01027	CADMIUM, TOTAL (UG/L AS CD)	08/21/74-03/24/86	14	1.	2.229	15.	0.25	15.112	3.887	0.25	0.25	2.5	9.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/21/74-03/24/86	14	3.	4.75	15.	0.5	15.798	3.975	1.25	2.5	6.75	12.5
01042	COPPER, TOTAL (UG/L AS CU)	08/21/74-03/24/86	14	23.	32.107	120.	0.5	1131.468	33.637	1.75	8.5	52.5	95.
01045	IRON, TOTAL (UG/L AS FE)	07/02/75-03/24/86	11	100.	142.364	367.	26.	10125.455	100.625	27.	85.	208.	340.6
01051	LEAD, TOTAL (UG/L AS PB)	08/21/74-03/24/86	14	12.5	12.321	25.	2.5	38.216	6.182	3.75	7.25	15.5	22.5
01067	NICKEL, TOTAL (UG/L AS NI)	08/21/74-03/24/86	14	8.5	8.893	29.	2.5	47.891	6.92	2.5	4.375	10.25	22.
01077	SILVER, TOTAL (UG/L AS AG)	07/02/75-03/24/86	10	1.	1.85	5.	0.5	2.614	1.617	0.5	0.5	3.25	4.9
01092	ZINC, TOTAL (UG/L AS ZN)	08/21/74-03/24/86	13	38.	58.346	228.	0.5	3506.724	59.218	10.3	27.	68.5	186.8
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	08/21/74-08/04/82	8	350.	882.5	4500.	90.	2211735.714	1487.191	**	**	**	**
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	08/21/74-08/04/82	8	2.5	2.588	3.653	1.954	0.299	0.547	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 3/31 - Station GATE0409

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			387.198								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/02/75-07/16/85	6	7.	6.667	13.	0.	40.267	6.346	**	**	**	**
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	04/02/75-07/16/85	6	1.	1.833	7.	0.	6.967	2.639	**	**	**	**
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	04/02/75-07/16/85	6	8.5	10.167	25.	0.	82.967	9.109	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	08/21/74-03/24/86	14	0.3	0.275	0.6	0.05	0.041	0.204	0.05	0.088	0.425	0.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0409

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/07/74-03/24/86	45	18.2	17.367	26.5	5.3	29.91	5.469	8.76	13.6	21.45	24.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/11/75-03/24/86	40	3.	2.675	6.	0.	1.456	1.207	1.1	2.	3.	4.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/02/74-03/24/86	44	36500.	36890.909	50000.	29000.	29107357.294	5395.123	29250.	33000.	40375.	44500.
00300	OXYGEN, DISSOLVED MG/L	08/07/74-03/24/86	45	7.7	7.747	13.8	3.4	3.634	1.906	5.6	6.35	8.75	10.36
00310	BOD, 5 DAY, 20 DEG C MG/L	08/07/74-02/24/82	19	2.8	3.242	5.8	0.6	2.057	1.434	1.	2.5	4.4	5.1
00400	PH (STANDARD UNITS)	01/08/75-06/02/82	33	7.6	7.636	8.6	7.	0.086	0.293	7.3	7.45	7.8	8.
00400	CONVERTED PH (STANDARD UNITS)	01/08/75-06/02/82	33	7.6	7.553	8.6	7.	0.093	0.306	7.3	7.45	7.8	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/08/75-06/02/82	33	0.025	0.028	0.1	0.003	0.	0.018	0.01	0.016	0.036	0.05
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/21/74-08/08/83	13	0.26	0.337	1.05	0.11	0.06	0.245	0.114	0.2	0.445	0.822
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/25/76-08/08/83	10	0.255	0.256	0.44	0.02	0.014	0.118	0.034	0.198	0.338	0.435
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/21/74-08/08/83	13	0.05	0.077	0.35	0.02	0.008	0.087	0.02	0.04	0.07	0.262
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/07/74-03/24/86	34	9.	9.382	17.	2.	11.88	3.447	5.5	7.	11.25	15.5
00690	CARBON, TOTAL (MG/L AS C)	08/07/74-03/24/86	36	30.	30.25	35.	25.	5.85	2.419	27.	28.	32.	33.
01027	CADMIUM, TOTAL (UG/L AS CD)	08/21/74-03/24/86	10	0.6	0.6	1.	0.25	0.114	0.338	0.25	0.25	1.	1.
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/21/74-03/24/86	10	## 2.5	2.68	8.	0.3	4.113	2.028	0.37	2.125	2.5	7.45
01042	COPPER, TOTAL (UG/L AS CU)	08/21/74-03/24/86	10	30.	32.8	65.	4.	304.4	17.447	5.8	23.5	43.	64.
01045	IRON, TOTAL (UG/L AS FE)	07/02/75-03/24/86	5	118.	135.2	230.	82.	3134.7	55.988	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	08/21/74-03/24/86	10	10.	14.3	35.	2.5	122.178	11.053	2.5	6.625	25.5	34.2
01067	NICKEL, TOTAL (UG/L AS NI)	08/21/74-03/24/86	10	7.5	9.5	25.	2.5	49.778	7.055	2.5	4.375	15.	24.
01077	SILVER, TOTAL (UG/L AS AG)	07/02/75-03/24/86	5	1.	1.3	2.	0.5	0.45	0.671	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/21/74-03/24/86	10	56.5	66.9	140.	26.	1442.544	37.981	26.6	37.25	92.25	138.
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	08/21/74-08/04/82	21	460.	530.	1500.	20.	213380.	461.931	42.	145.	815.	1400.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	08/21/74-08/04/82	21	2.663	2.494	3.176	1.301	0.289	0.537	1.621	2.161	2.911	3.146
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			311.679								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/02/75-07/16/85	19	13.	20.421	86.	0.	614.257	24.784	0.	5.	29.	81.
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	04/02/75-07/16/85	19	2.	4.211	31.	0.	49.842	7.06	0.	0.	7.	8.
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	04/02/75-07/16/85	19	11.	14.158	55.	0.	245.14	15.657	0.	0.	19.	48.
71900	MERCURY, TOTAL (UG/L AS HG)	08/21/74-03/24/86	8	0.15	0.156	0.3	0.05	0.012	0.108	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0410

NPS Station ID: GATE0410
LAT/LON: 40.565003/ -74.075003
Agency: REGII208
Date Created: 05/25/78
Location: RARITAN BAY
FIPS State/County: 36085 NEW YORK/RICHMOND
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): NYC001R1 /R1
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030104
Depth of Water: 13
Aquifer:
Major Basin: 1 MI OFFSHORE MIDLAND BH
Elevation: 0
Water Body Id:
Minor Basin: STATEN ISLAND
ECO Region:
RF1 Index: 02030104004
RF1 Mile Point: 3.350
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0410

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/17/75-07/26/77	132	15.	14.442	26.	3.1	11.593	3.405	10.5	11.625	16.	17.97
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/17/75-06/12/77	122	29750.	28392.623	34200.	15000.	18977713.724	4356.342	22160.	25000.	32125.	33170.
00300	OXYGEN, DISSOLVED MG/L	09/17/75-07/26/77	132	6.75	7.461	16.2	5.	4.135	2.033	5.7	6.1	8.7	9.9
00310	BOD, 5 DAY, 20 DEG C MG/L	09/17/75-07/26/77	43	1.8	2.093	4.6	1.	0.694	0.833	1.34	1.5	2.3	3.46
00400	PH (STANDARD UNITS)	09/17/75-12/16/76	5	7.8	7.84	8.1	7.7	0.023	0.152	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/17/75-12/16/76	5	7.8	7.821	8.1	7.7	0.023	0.153	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/17/75-12/16/76	5	0.016	0.015	0.02	0.008	0.	0.004	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/01/77-06/12/77	22	99.5	99.045	105.	95.	5.76	2.4	95.6	97.	100.	102.4
00480	SALINITY - PARTS PER THOUSAND	09/17/75-06/12/77	122	23.45	22.61	27.1	12.9	8.731	2.955	18.23	20.	25.	26.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/17/75-07/26/77	46	10.	10.043	19.	2.	18.398	4.289	5.	7.	13.	16.3
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/17/75-07/26/77	9	0.26	0.257	0.4	0.05	0.012	0.111	0.05	0.183	0.34	0.4
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/17/75-07/26/77	9	0.027	0.032	0.058	0.01	0.	0.016	0.01	0.018	0.046	0.058
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/17/75-07/26/77	9	0.23	0.206	0.44	0.03	0.015	0.124	0.03	0.085	0.265	0.44
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/17/75-07/26/77	9	0.7	0.744	1.01	0.65	0.014	0.117	0.65	0.66	0.795	1.01
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/17/75-07/26/77	9	0.19	0.264	0.5	0.12	0.022	0.149	0.12	0.135	0.42	0.5
00940	CHLORIDE,TOTAL IN WATER MG/L	09/24/75-07/26/77	11	15300.	14900.	15800.	13600.	778000.	882.043	13620.	13800.	15700.	15800.
01027	CADMIUM, TOTAL (UG/L AS CD)	12/09/76-12/09/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	12/09/76-12/09/76	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	12/09/76-12/09/76	1	735.	735.	735.	735.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	12/09/76-12/09/76	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	12/09/76-12/09/76	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	12/09/76-12/09/76	1	51.	51.	51.	51.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/17/75-07/26/77	63	3300.	5550.159	33000.	130.	35719343.523	5976.566	850.	1700.	7000.	13000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/17/75-07/26/77	63	3.519	3.531	4.519	2.114	0.221	0.471	2.928	3.23	3.845	4.114
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			3393.994								
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	09/17/75-07/26/77	63	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	09/17/75-07/26/77	63	0.699	0.699	0.699	0.699	0.	0.	0.699	0.699	0.699	0.699
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			5.								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	09/17/75-07/26/77	62	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	09/17/75-07/26/77	62	0.699	0.699	0.699	0.699	0.	0.	0.699	0.699	0.699	0.699
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			5.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/17/75-07/26/77	62	700.	1189.242	13000.	20.	3764420.547	1940.211	130.	310.	1300.	2300.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/17/75-07/26/77	62	2.845	2.769	4.114	1.301	0.281	0.53	2.114	2.491	3.114	3.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			588.132								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/17/75-07/26/77	9	0.08	0.085	0.129	0.058	0.001	0.023	0.058	0.064	0.101	0.129
71900	MERCURY, TOTAL (UG/L AS HG)	12/09/76-12/09/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0410

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	132	0	0.00	8	0	0.00	26	0	0.00	98	0	0.00			
00400	PH	Other-Hi Lim.	9.	5	0	0.00	3	0	0.00	2	0	0.00						
		Other-Lo Lim.	6.5	5	0	0.00	3	0	0.00	2	0	0.00						
01027	CADMIUM, TOTAL	Marine Acute	43.	1	0	0.00				1	0	0.00						
01042	COPPER, TOTAL	Marine Acute	2.9	1	1	1.00				1	1	1.00						
01051	LEAD, TOTAL	Marine Acute	220.	1	0	0.00				1	0	0.00						
01067	NICKEL, TOTAL	Marine Acute	75.	1	0	0.00				1	0	0.00						
01092	ZINC, TOTAL	Marine Acute	95.	1	0	0.00				1	0	0.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	63	56	0.89	4	4	1.00	12	12	1.00	47	40	0.85			
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	63	0	0.00	4	0	0.00	12	0	0.00	47	0	0.00			
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	62	0	0.00	4	0	0.00	12	0	0.00	46	0	0.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	62	52	0.84	4	4	1.00	12	10	0.83	46	38	0.83			
71900	MERCURY, TOTAL	Marine Acute	2.1	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0411

NPS Station ID: GATE0411 LAT/LON: 40.576671/ -74.075838 Agency: 1111H030 Date Created: 09/20/80
Location: GRAHAM BEACH 100 FT OFF STATEN IS SHORE FIPS State/County: 36085 NEW YORK/RICHMOND
Station Type: /TYPA/AMBNT/OCEAN STORET Station ID(s): SI GB /SIGB
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 02030104 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON - N.Y. METROPOLITAN AREA ECO Region:
RF1 Index: 02030104004 RF1 Mile Point: 4.090 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:

Parameter Inventory for Station: GATE0411

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/30/80-09/28/81	22	170.	1503.227	8000.	8.	5536443.803	2352.965	13.2	40.5	2575.	5850.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/30/80-09/28/81	22	2.19	2.396	3.903	0.903	0.955	0.977	1.117	1.602	3.408	3.767
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			248.899								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	06/30/80-09/28/81	22	21.5	102.955	600.	0.	28440.331	168.643	0.	0.	160.	448.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	06/30/80-09/28/81	22	1.329	1.227	2.778	0.	1.031	1.015	0.	0.	2.203	2.635
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			16.853								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0411

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	22	7	0.32	12	5	0.42				10	2	0.20			
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	22	4	0.18	12	2	0.17				10	2	0.20			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0412

NPS Station ID: GATE0412
LAT/LON: 40.572809/ -74.082920
Agency: 11NPSWRD
Date Created: 12/21/96
Location: Midland Beach
FIPS State/County: 36085 NEW YORK/RICHMOND
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): GATE_SI-3 /MB-3
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METROPOLITAN AREA
ECO Region:
RF1 Index: 02030104
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
Station is located at Midland Beach on Staten Island. The station can be found on the USGS 7.5' The Narrows N.Y.-N.J. quadrangle. To reach the site: New Dorp Road to Hylan Blvd. to Midland Ave. Follow Midland Ave. and make a left onto Father Capodanno Blvd. Follow road to Midland Beach Park. Traverse southward past first opening (left side of parking lot) and take sample at shore. For additional information on the water quality data stored at this station; contact the Division of Natural Resources at Gateway National Recreation Area - Building 210; Fort Wadsworth; Staten Island N.Y. 10305 (tel. 718-448-5505; fax. 718-448-4015). The park produces an Annual Report summarizing each year's monitoring activities. Data processed and uploaded to STORET by Dean Tucker; NPS Water Resources Division; 1201 Oak Ridge Drive Ste. 250; Fort Collins CO 80525 (tel. 970-225-3516; fax. 970-225-9965).

Parameter Inventory for Station: GATE0412

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/30/83-08/31/92	20	21.9	21.735	25.4	17.	4.787	2.188	18.2	20.125	23.	24.95
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/27/92-08/31/92	14	20.25	20.843	30.5	12.5	22.553	4.749	13.25	18.75	22.625	29.4
00080	COLOR (PLATINUM-COBALT UNITS)	06/02/83-08/31/83	13	40.	41.154	100.	20.	454.808	21.326	20.	25.	47.5	84.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/27/92-08/31/92	15	36600.	35753.333	40100.	28900.	15064095.238	3881.249	29140.	32400.	39500.	39860.
00300	OXYGEN, DISSOLVED MG/L	06/30/83-08/31/83	5	6.8	6.66	7.6	5.4	0.778	0.882	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/07/83-08/11/83	3	79.	83.667	99.	73.	185.333	13.614	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/02/83-08/31/83	14	7.7	7.679	8.2	7.	0.113	0.336	7.1	7.475	7.925	8.15
00403	CONVERTED PH, LAB, STANDARD UNITS	06/02/83-08/31/83	14	7.7	7.551	8.2	7.	0.13	0.361	7.1	7.475	7.925	8.15
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/02/83-08/31/83	14	0.02	0.028	0.1	0.006	0.001	0.025	0.007	0.012	0.034	0.082
00480	SALINITY - PARTS PER THOUSAND	06/09/83-08/31/92	24	25.4	24.938	30.5	17.8	6.846	2.616	21.3	23.7	26.2	27.7
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/04/83-08/31/83	4	0.064	0.138	0.423	0.	0.037	0.193	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/20/83-08/25/83	3	0.052	0.041	0.07	0.	0.001	0.036	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/09/83-08/25/83	9	14502.	14117.111	16882.	9857.	4196681.361	2048.58	9857.	12799.	15267.5	16882.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-09/06/95	216	165.	673.319	10150.	0.	1549090.311	1244.625	0.	53.75	643.25	2001.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-09/06/95	216	2.217	2.129	4.006	0.	0.98	0.99	0.	1.73	2.808	3.301
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			134.691								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/02/83-09/10/83	15	350.	1424.467	16000.	49.	16409154.552	4050.821	49.	130.	540.	7360.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/02/83-09/10/83	15	2.544	2.513	4.204	1.69	0.398	0.631	1.69	2.114	2.732	3.604
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			325.504								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/02/83-09/10/83	15	170.	755.4	9200.	17.	5470037.971	2338.811	26.6	49.	240.	3890.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/02/83-09/10/83	15	2.23	2.149	3.964	1.23	0.423	0.651	1.403	1.69	2.38	3.112
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			141.078								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GATE0412

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-09/06/95	218	29.	126.179	3915.	0.	153167.908	391.367	0.	0.	103.75	243.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-09/06/95	218	1.462	1.269	3.593	0.	0.896	0.947	0.	0.	2.015	2.385
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			18.57								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/27/92-08/17/92	4	4.705	4.56	8.4	0.43	15.139	3.891	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/04/83-08/31/83	4	0.	0.098	0.392	0.	0.038	0.196	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0412

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	5	0	0.00	3	0	0.00				2	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	14	0	0.00	5	0	0.00				9	0	0.00			
		Other-Lo Lim.	6.5	14	0	0.00	5	0	0.00				9	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	216	42	0.19	70	13	0.19				146	29	0.20			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	15	2	0.13	6	2	0.33				9	0	0.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	15	6	0.40	6	2	0.33				9	4	0.44			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	218	31	0.14	70	9	0.13				148	22	0.15			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1980 - Station GATE0412

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-09/06/95	8	98.5	134.5	560.	0.	33079.143	181.877	**	**	**	**
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-09/06/95	8	1.97	1.623	2.748	0.	0.866	0.931	**	**	**	**
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			41.973								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-09/06/95	9	0.	2.667	22.	0.	53.	7.28	0.	0.	1.	22.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-09/06/95	9	0.	0.183	1.342	0.	0.199	0.446	0.	0.	0.151	1.342
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.523								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station GATE0412

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-09/06/95	11	130.	174.545	580.	0.	38348.873	195.829	0.	7.	340.	548.6
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-09/06/95	11	2.114	1.657	2.763	0.	1.047	1.023	0.	0.845	2.531	2.736
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			45.35								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-09/06/95	13	48.	81.615	355.	3.	9507.923	97.509	4.6	7.	127.5	270.2
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-09/06/95	13	1.681	1.559	2.55	0.477	0.426	0.653	0.624	0.845	2.104	2.392
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			36.218								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station GATE0412

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-09/06/95	15	187.	509.933	2550.	7.	594986.21	771.353	8.8	63.	437.	2250.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-09/06/95	15	2.272	2.212	3.407	0.845	0.607	0.779	0.938	1.799	2.64	3.35
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			163.099								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-09/06/95	15	48.	113.4	458.	2.	21834.114	147.764	5.6	13.	153.	445.4
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-09/06/95	15	1.681	1.667	2.661	0.301	0.45	0.671	0.662	1.114	2.185	2.649
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			46.488								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station GATE0412

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-09/06/95	15	250.	827.6	5580.	53.	2131985.114	1460.132	53.	91.	580.	3660.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-09/06/95	15	2.398	2.476	3.747	1.724	0.383	0.619	1.724	1.959	2.763	3.525
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			299.065								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-09/06/95	15	115.	425.667	3330.	9.	747404.667	864.526	13.8	42.	240.	1938.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-09/06/95	15	2.061	2.079	3.522	0.954	0.47	0.685	1.12	1.623	2.38	3.212
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			120.086								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GATE0412

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-09/06/95	14	1683.5	1944.357	4200.	710.	1189263.324	1090.534	715.	939.	2760.	3869.5
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-09/06/95	14	3.226	3.223	3.623	2.851	0.064	0.253	2.854	2.972	3.44	3.586
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1670.751								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GATE0412

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-09/06/95	14	43.5	115.571	487.	3.	20021.648	141.498	7.5	25.75	192.75	387.5
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-09/06/95	14	1.638	1.738	2.688	0.477	0.361	0.601	0.778	1.405	2.275	2.573
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			54.742								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GATE0412

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-09/06/95	14	1951.5	2323.286	6666.	470.	3219462.835	1794.286	506.5	966.5	3699.5	5616.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-09/06/95	14	3.29	3.243	3.824	2.672	0.122	0.35	2.703	2.985	3.568	3.742
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1748.546								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-09/06/95	14	9.	61.	330.	0.	10618.308	103.045	0.	1.5	93.25	275.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-09/06/95	14	0.954	1.051	2.519	0.	0.815	0.903	0.	0.226	1.937	2.43
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			11.242								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GATE0412

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-09/06/95	14	86.	93.786	240.	7.	4977.104	70.549	12.	18.5	142.25	209.5
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-09/06/95	14	1.933	1.795	2.38	0.845	0.221	0.47	1.038	1.267	2.152	2.317
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			62.408								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-09/06/95	14	13.	31.286	221.	0.	3267.451	57.162	0.	1.5	35.25	137.5
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-09/06/95	14	1.062	1.004	2.344	0.	0.531	0.729	0.	0.226	1.545	2.038
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			10.094								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GATE0412

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-09/06/95	14	132.5	520.571	3696.	26.	968871.648	984.313	41.	81.5	441.25	2574.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-09/06/95	14	2.122	2.295	3.568	1.415	0.325	0.57	1.582	1.911	2.644	3.365
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			197.46								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-09/06/95	14	25.5	90.	759.	2.	39233.692	198.075	2.	5.75	75.	467.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-09/06/95	14	1.402	1.361	2.88	0.301	0.568	0.754	0.301	0.709	1.874	2.562
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			22.985								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GATE0412

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-09/06/95	11	261.	541.364	3500.	28.	1000612.455	1000.306	33.6	56.	456.	2929.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-09/06/95	11	2.417	2.332	3.544	1.447	0.349	0.591	1.507	1.748	2.659	3.397
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			214.547								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-09/06/95	10	50.	57.3	156.	0.	3105.344	55.726	0.	8.25	100.	150.4
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-09/06/95	10	1.575	1.34	2.193	0.	0.68	0.825	0.	0.781	2.	2.174
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			21.894								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0412

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-09/06/95	15	957.	1644.733	10150.	44.	6874600.352	2621.946	77.	145.	1675.	6833.8
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-09/06/95	15	2.981	2.809	4.006	1.643	0.426	0.653	1.855	2.161	3.224	3.802
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			644.263								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-09/06/95	15	0.	151.	1661.	0.	183195.286	428.013	0.	0.	67.	873.2
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-09/06/95	15	0.	0.821	3.22	0.	1.295	1.138	0.	0.	1.826	2.813
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			6.616								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0412

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-09/06/95	16	232.	444.063	1595.	0.	257538.729	507.483	20.3	116.	609.	1452.9
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-09/06/95	16	2.365	2.259	3.203	0.	0.636	0.797	1.024	2.064	2.783	3.161
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			181.753								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-09/06/95	16	14.5	112.375	580.	0.	25328.117	159.148	0.	0.	203.	336.4
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-09/06/95	16	0.731	1.121	2.763	0.	1.405	1.185	0.	0.	2.307	2.485
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			13.228								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0412

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-09/06/95	15	58.	142.067	435.	0.	23665.495	153.836	0.	29.	200.	414.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-09/06/95	15	1.763	1.647	2.638	0.	0.892	0.944	0.	1.462	2.301	2.617
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			44.317								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-09/06/95	15	29.	96.467	406.	0.	17696.124	133.027	0.	0.	200.	371.2
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-09/06/95	15	1.462	1.296	2.609	0.	1.045	1.022	0.	0.	2.301	2.568
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			19.758								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0412

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-09/06/95	15	58.	431.133	2146.	0.	501580.41	708.223	0.	0.	464.	1832.8
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-09/06/95	15	1.763	1.677	3.332	0.	1.49	1.221	0.	0.	2.667	3.259
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			47.585								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-09/06/95	15	29.	67.667	435.	0.	16419.524	128.139	0.	0.	29.	348.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-09/06/95	15	1.462	0.972	2.638	0.	1.016	1.008	0.	0.	1.462	2.533
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			9.367								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station GATE0412

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-09/06/95	14	58.	165.714	696.	0.	50127.297	223.891	0.	0.	391.5	565.5
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-09/06/95	14	1.763	1.428	2.843	0.	1.342	1.159	0.	0.	2.592	2.741
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			26.784								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station GATE0412

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-09/06/95	14	0.	35.214	145.	0.	2481.412	49.814	0.	0.	65.25	130.5
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-09/06/95	14	0.	0.797	2.161	0.	0.936	0.967	0.	0.	1.807	2.113
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			6.263								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station GATE0412

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-09/06/95	11	66.	265.091	1910.	0.	306562.891	553.681	0.	33.	165.	1590.6
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-09/06/95	11	1.82	1.737	3.281	0.	0.98	0.99	0.	1.519	2.217	3.124
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			54.555								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-09/06/95	11	66.	444.818	3915.	0.	1346733.364	1160.488	0.	33.	118.	3238.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-09/06/95	11	1.82	1.689	3.593	0.	1.076	1.037	0.	1.519	2.072	3.419
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			48.867								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

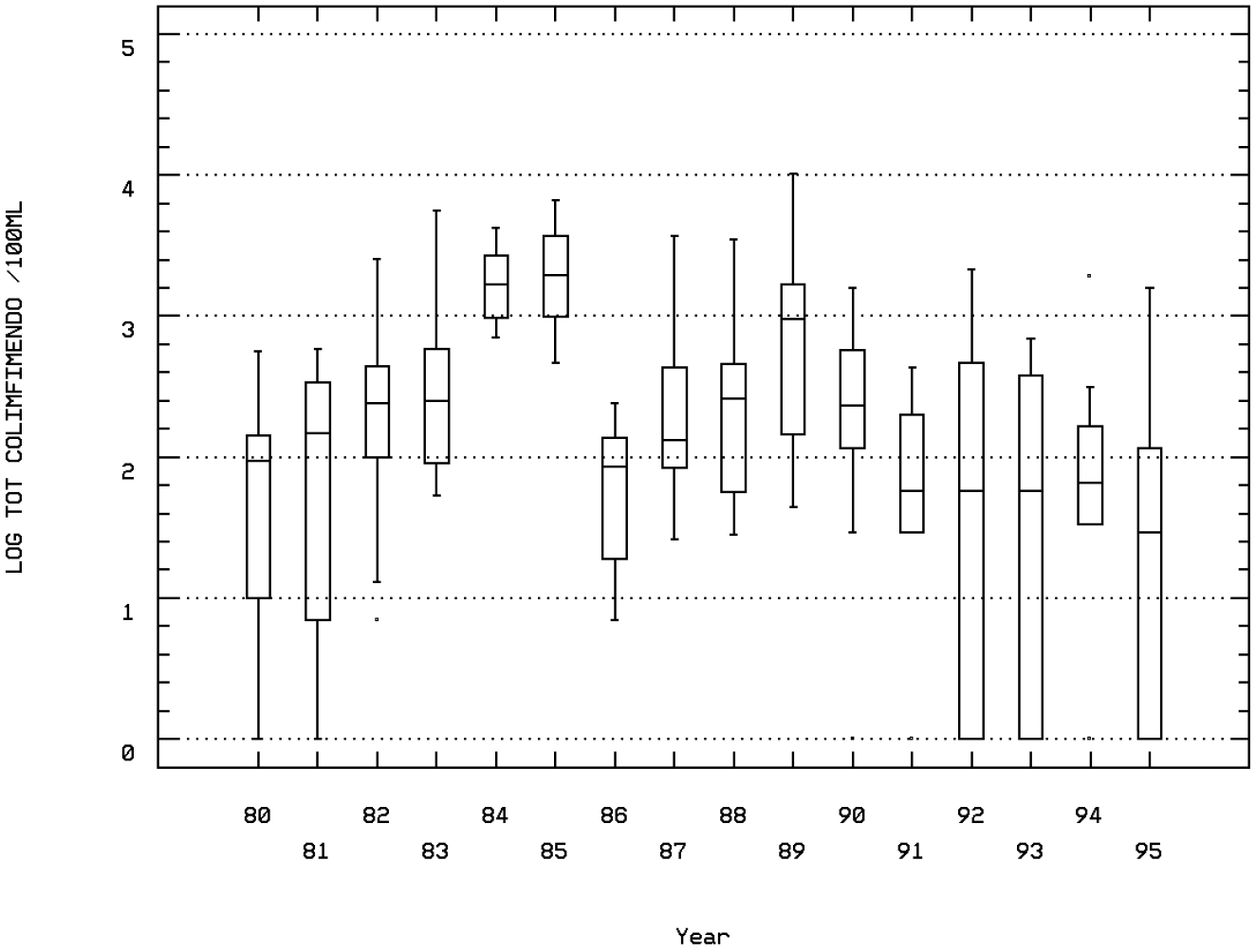
Annual Analysis for 1995 - Station GATE0412

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-09/06/95	14	29.	176.071	1595.	0.	178869.61	422.93	0.	0.	130.5	1000.5
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-09/06/95	14	1.462	1.266	3.203	0.	1.197	1.094	0.	0.	2.108	2.906
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			18.466								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-09/06/95	14	29.	120.143	1247.	0.	106076.901	325.694	0.	21.75	58.	681.5
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-09/06/95	14	1.462	1.352	3.096	0.	0.727	0.853	0.	1.097	1.763	2.58
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			22.476								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: GATE0412 Parameter Code: 31501

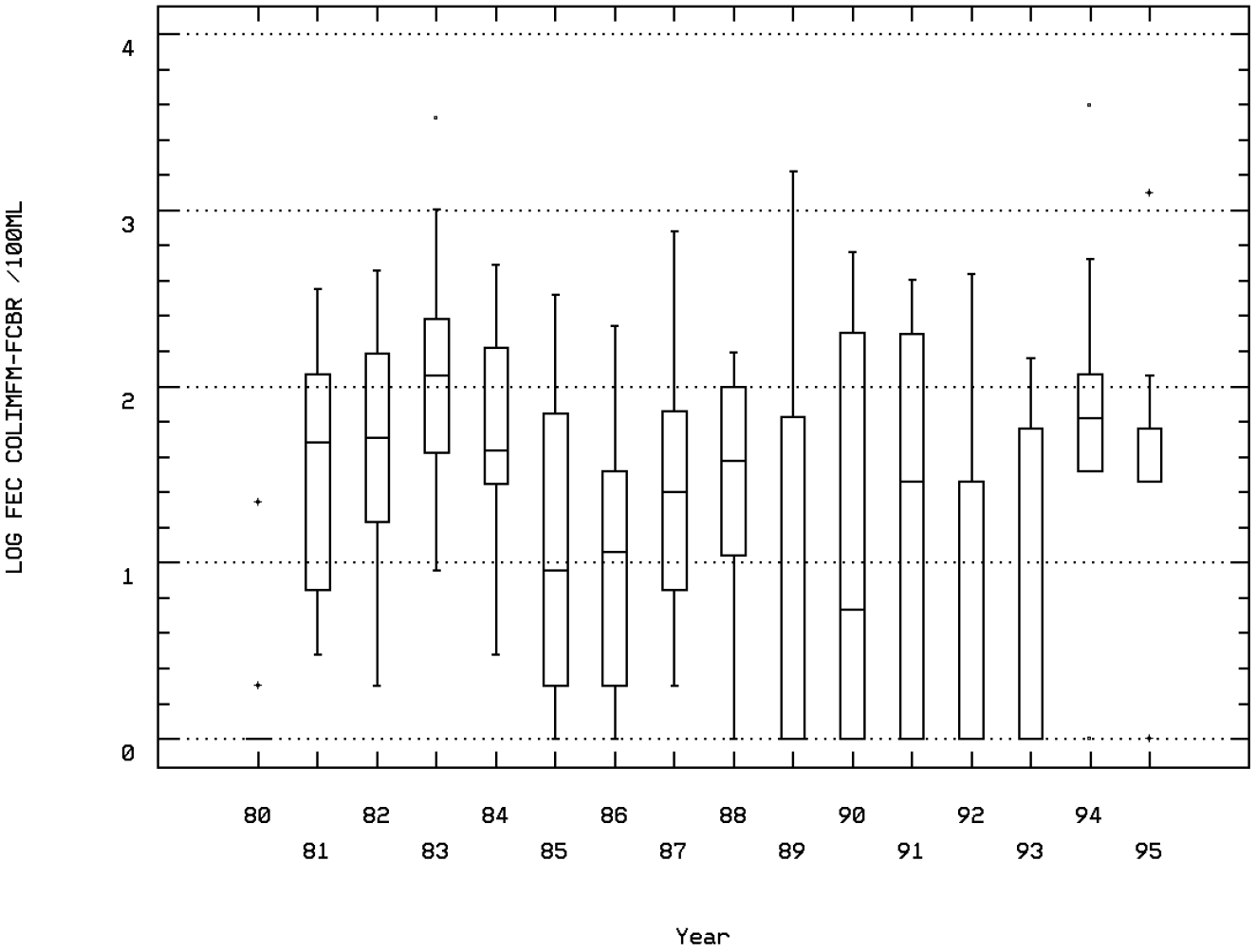
LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.



Midland Beach

Station: GATE0412 Parameter Code: 31616

LOG FECAL COLIFORM,MEMBR FILTER,M-FC BR



Midland Beach

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0412

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-09/06/95	70	179.5	657.114	5580.	0.	1354504.943	1163.832	0.	46.5	551.	2143.7
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-09/06/95	70	2.254	2.09	3.747	0.	1.054	1.027	0.	1.66	2.739	3.331
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			123.102								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-09/06/95	70	29.	164.843	3915.	0.	369533.555	607.893	0.	0.	94.	229.1
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-09/06/95	70	1.462	1.21	3.593	0.	0.958	0.979	0.	0.	1.973	2.36
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			16.232								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0412

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-09/06/95	146	165.	681.089	10150.	0.	1652181.93	1285.372	2.1	56.	699.5	1954.1
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-09/06/95	146	2.217	2.148	4.006	0.	0.951	0.975	0.334	1.748	2.845	3.291
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			140.629								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-09/06/95	148	29.	107.892	1661.	0.	51601.934	227.161	0.	0.5	115.75	288.2
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-09/06/95	148	1.462	1.296	3.22	0.	0.871	0.933	0.	0.075	2.064	2.46
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			19.79								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0413

NPS Station ID: GATE0413 LAT/LON: 40.566949/ -74.087503 Agency: 1111H030 Date Created: 09/20/80
Location: MIDLAND BEACH 100' OFF STATEN IS. SHORE FIPS State/County: 36085 NEW YORK/RICHMOND
Station Type: /TYPA/AMBNT/OCEAN STORET Station ID(s): SI MB /SIMB
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 02030104 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON - N.Y. METROPOLITAN AREA ECO Region:
RF1 Index: 02030104004 RF1 Mile Point: 3.100 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:

Parameter Inventory for Station: GATE0413

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/30/80-09/28/81	22	80.	713.409	6800.	6.	2496509.777	1580.035	10.4	23.5	630.	2922.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/30/80-09/28/81	22	1.903	2.08	3.833	0.778	0.737	0.859	0.993	1.371	2.798	3.428
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			120.113								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	06/30/80-09/28/81	22	5.5	65.682	500.	0.	17949.37	133.975	0.	1.5	88.	332.4
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	06/30/80-09/28/81	22	0.739	1.017	2.699	0.	0.793	0.89	0.	0.226	1.944	2.468
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			10.395								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0413

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	22	4	0.18	12	1	0.08				10	3	0.30			
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	22	2	0.09	12	1	0.08				10	1	0.10			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0414

NPS Station ID: GATE0414
LAT/LON: 40.563892/ -74.090281
Agency: REGII208
Date Created: 05/25/78
Location: RARITAN BAY
FIPS State/County: 36085 NEW YORK/RICHMOND
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): NYC001B8 /B8
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02030104
Depth of Water: 3
Aquifer:
Major Basin: SURF ZONE-MILLER FIELD
Elevation: 0
Water Body Id:
Minor Basin: OPPOSITE NYC208 R1
ECO Region:
RF1 Index: 02030104004
RF1 Mile Point: 2.810
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0414

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00310	BOD, 5 DAY, 20 DEG C MG/L	04/22/77-06/05/77	22	3.15	3.264	5.9	1.2	1.472	1.213	1.75	2.275	4.3	4.97
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/01/77-07/15/77	15	97.	97.	101.	93.	6.571	2.563	93.6	95.	100.	100.4
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	04/22/77-06/05/77	22	41.5	123.273	852.	10.	45077.541	212.315	20.1	30.25	75.75	521.2
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/22/77-07/15/77	39	1100.	4238.462	23000.	170.	38475881.781	6202.893	460.	490.	3300.	13000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/22/77-07/15/77	39	3.041	3.225	4.362	2.23	0.344	0.587	2.663	2.69	3.519	4.114
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1677.577								
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	04/22/77-07/15/77	39	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	04/22/77-07/15/77	39	0.699	0.699	0.699	0.699	0.	0.	0.699	0.699	0.699	0.699
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			5.								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	04/22/77-07/15/77	40	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	04/22/77-07/15/77	40	0.699	0.699	0.699	0.699	0.	0.	0.699	0.699	0.699	0.699
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			5.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/22/77-07/15/77	40	230.	646.75	3300.	20.	870125.064	932.805	50.	82.5	767.5	2150.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/22/77-07/15/77	40	2.362	2.409	3.519	1.301	0.383	0.619	1.699	1.916	2.884	3.331
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			256.422								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0414

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	39	21	0.54							39	21	0.54			
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	39	0	0.00							39	0	0.00			
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	40	0	0.00							40	0	0.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	40	21	0.53							40	21	0.53			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0415

NPS Station ID: GATE0415
LAT/LON: 40.550004/ -74.092781
Agency: 1111H030
Date Created: / /
Location: RARITAN BAY (40)
FIPS State/County: 36085 NEW YORK/RICHMOND
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): 403300007405340/040 /40 /MI PT
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030104
Depth of Water: 12
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-N.Y. METROPOLI
ECO Region:
RF1 Index: 02030104
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0415

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/11/63-08/11/64	5	15.1	14.66	25.6	4.6	89.108	9.44	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/11/63-08/11/64	5	15.	17.2	31.	2.	132.7	11.52	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/23/64-08/11/64	4	9.5	9.425	11.	7.7	2.363	1.537	**	**	**	**
00400	PH (STANDARD UNITS)	03/23/64-06/03/64	2	8.	8.	8.2	7.8	0.08	0.283	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/23/64-06/03/64	2	7.955	7.955	8.2	7.8	0.084	0.29	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/23/64-06/03/64	2	0.011	0.011	0.016	0.006	0.	0.007	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/23/64-03/23/64	1	12200.	12200.	12200.	12200.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	12/11/63-08/11/64	5	290.	303.6	670.	20.	70694.8	265.885	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	12/11/63-08/11/64	5	2.462	2.237	2.826	1.301	0.383	0.619	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			172.759								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/11/63-08/11/64	5	36.	127.6	400.	10.	26652.8	163.257	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/11/63-08/11/64	5	1.556	1.774	2.602	1.	0.397	0.63	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			59.364								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	12/11/63-08/11/64	5	24.	18.8	36.	2.	253.2	15.912	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	12/11/63-08/11/64	5	1.38	1.003	1.556	0.301	0.415	0.644	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			10.073								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0415

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00			
00400	PH	Other-Hi Lim.	9.	2	0	0.00				1	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	2	0	0.00				1	0	0.00	1	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	5	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	5	1	0.20	1	0	0.00	2	1	0.50	2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0416

NPS Station ID: GATE0416 | LAT/LON: 40.563559/ -74.093670 | Agency: 11NPSWRD | Date Created: 12/21/96
Location: New Dorp Beach | FIPS State/County: 36085 NEW YORK/RICHMOND
Station Type: /TYPA/AMBNT/OCEAN | STORET Station ID(s): GATE_SI-4 /NDB-4
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 02030104 | Depth of Water: 0 | Aquifer:
Major Basin: NORTHEAST | Elevation: 0 | Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METROPOLITAN AREA | ECO Region:
RF1 Index: 02030104 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 02030202104200.00 | RF3 Mile Point: 0.00 | Distance from RF3: 4.93 | On/Off RF3:
Description:
Station is located at New Dorp Beach on Staten Island. The station can be found on the USGS 7.5' The Narrows N.Y.-N.J. quadrangle. To reach the site: Take Foxbeach Rd. back to Mill Rd. and turn right. Take Mill Rd. to New Dorp Rd. and turn right to end of road then left into Miller Field. Turn quick right onto gravel road to first beach entry on the right. Traverse beach southward down to the shore for samples. For additional information on the water quality data stored at this station; contact the Division of Natural Resources at Gateway National Recreation Area - Building 210; Fort Wadsworth; Staten Island N.Y. 10305 (tel. 718-448-5505; fax. 718-448-4015). The park produces an Annual Report summarizing each year's monitoring activities. Data processed and uploaded to STORET by Dean Tucker; NPS Water Resources Division; 1201 Oak Ridge Drive Ste. 250; Fort Collins CO 80525 (tel. 970-225-3516; fax. 970-225-9965).

Parameter Inventory for Station: GATE0416

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/30/83-08/31/92	20	22.	22.16	26.1	18.	5.247	2.291	18.2	20.7	23.8	25.9
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/27/92-08/31/92	14	21.8	21.621	30.8	14.5	18.591	4.312	15.75	18.375	23.5	29.55
00080	COLOR (PLATINUM-COBALT UNITS)	06/02/83-08/31/83	13	30.	33.077	70.	20.	206.41	14.367	20.	22.5	40.	62.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/27/92-08/31/92	15	35700.	35713.333	40500.	28200.	16392666.667	4048.786	28860.	33300.	40100.	40440.
00300	OXYGEN, DISSOLVED MG/L	06/30/83-08/31/83	5	7.6	7.6	9.4	5.9	1.565	1.251	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/07/83-08/11/83	3	102.	99.333	105.	91.	54.333	7.371	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/02/83-08/31/83	14	7.7	7.764	8.3	7.3	0.081	0.284	7.4	7.6	8.025	8.25
00403	CONVERTED PH, LAB, STANDARD UNITS	06/02/83-08/31/83	14	7.7	7.688	8.3	7.3	0.087	0.295	7.4	7.6	8.025	8.25
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/02/83-08/31/83	14	0.02	0.021	0.05	0.005	0.	0.012	0.006	0.009	0.025	0.041
00480	SALINITY - PARTS PER THOUSAND	06/09/83-08/31/92	24	25.25	24.517	28.1	17.6	6.361	2.522	20.9	22.9	26.3	27.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/04/83-08/31/83	4	0.027	0.037	0.092	0.	0.002	0.041	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/20/83-08/25/83	3	0.11	0.146	0.292	0.036	0.017	0.132	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/09/83-08/25/83	9	14385.	13613.556	15126.	9744.	3046125.778	1745.315	9744.	12515.5	14814.	15126.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	286	173.	990.003	33800.	0.	9566233.891	3092.933	0.	33.	562.5	2140.2
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	286	2.238	2.099	4.529	0.	1.087	1.043	0.	1.519	2.75	3.33
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			125.634								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/15/77-09/10/83	47	350.	1219.426	12200.	0.	5069284.989	2251.507	26.2	100.	1600.	3200.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/15/77-09/10/83	47	2.544	2.504	4.086	0.	0.691	0.831	1.417	2.	3.204	3.504
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			319.084								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/16/77-09/10/83	34	50.	172.382	1600.	0.	91826.789	303.029	0.	12.5	250.	530.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/16/77-09/10/83	34	1.699	1.652	3.204	0.	0.727	0.853	0.	1.096	2.397	2.724
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			44.848								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GATE0416

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	294	29.	129.731	5000.	0.	155420.586	394.234	0.	0.	100.	289.5
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	294	1.462	1.284	3.699	0.	0.925	0.962	0.	0.	2.	2.462
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			19.247								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/27/92-08/17/92	4	8.68	7.225	9.28	2.26	11.071	3.327	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/04/83-08/31/83	4	0.	0.041	0.165	0.	0.007	0.083	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0416

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	5	0	0.00	3	0	0.00				2	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	14	0	0.00	5	0	0.00				9	0	0.00			
		Other-Lo Lim.	6.5	14	0	0.00	5	0	0.00				9	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	286	54	0.19	106	19	0.18				180	35	0.19			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	47	15	0.32	24	13	0.54				23	2	0.09			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	34	9	0.26	16	5	0.31				18	4	0.22			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	294	44	0.15	110	16	0.15				184	28	0.15			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1977 - Station GATE0416

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/15/77-09/10/83	11	300.	709.182	3100.	0.	849051.764	921.44	20.	134.	1000.	2800.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/15/77-09/10/83	11	2.477	2.409	3.491	0.	0.843	0.918	0.4	2.127	3.	3.434
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			256.719								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GATE0416

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/15/77-09/10/83	10	2200.	3670.	12200.	240.	15251133.333	3905.27	276.	870.	6125.	11810.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/15/77-09/10/83	10	3.341	3.312	4.086	2.38	0.285	0.534	2.42	2.931	3.779	4.07
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			2049.278								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station GATE0416

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/15/77-09/10/83	11	550.	750.545	2020.	33.	547577.473	739.985	46.4	100.	1440.	2016.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/15/77-09/10/83	11	2.74	2.599	3.305	1.519	0.348	0.59	1.615	2.	3.158	3.304
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			396.896								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GATE0416

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	8	32.5	35.5	80.	11.	584.857	24.184	**	**	**	**
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	8	1.477	1.452	1.903	1.041	0.105	0.324	**	**	**	**
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			28.283								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	9	3.	10.667	33.	0.	176.	13.266	0.	0.	24.5	33.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	9	0.477	0.646	1.519	0.	0.465	0.682	0.	0.	1.387	1.519
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4.422								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station GATE0416

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	12	38.	139.833	610.	0.	41133.97	202.815	0.	0.75	268.	556.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	12	1.576	1.383	2.785	0.	1.134	1.065	0.	0.119	2.422	2.74
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			24.172								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	13	17.	69.462	250.	0.	8034.769	89.637	0.8	8.	120.5	248.8
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	13	1.23	1.376	2.398	0.	0.584	0.764	0.12	0.903	2.08	2.396
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			23.765								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station GATE0416

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	14	145.	195.929	568.	7.	24766.379	157.373	22.	74.75	314.5	464.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	14	2.161	2.109	2.754	0.845	0.245	0.495	1.207	1.864	2.496	2.655
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			128.638								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	15	10.	36.2	190.	0.	3309.743	57.53	0.	5.	37.	154.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	15	1.	1.066	2.279	0.	0.49	0.7	0.	0.699	1.568	2.18
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			11.646								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station GATE0416

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	14	155.5	374.071	1460.	30.	197709.148	444.645	30.	64.75	637.5	1255.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	14	2.185	2.263	3.164	1.477	0.317	0.563	1.477	1.809	2.8	3.093
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			183.282								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/15/77-09/10/83	15	50.	303.733	1600.	14.	289136.638	537.714	15.8	27.	350.	1600.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/15/77-09/10/83	15	1.699	1.965	3.204	1.146	0.446	0.668	1.197	1.431	2.544	3.204
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			92.3								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	15	97.	394.2	2910.	4.	558979.457	747.649	6.4	27.	480.	1713.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	15	1.987	2.017	3.464	0.602	0.616	0.785	0.783	1.431	2.681	3.162
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			104.024								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GATE0416

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	14	1160.	1667.429	4100.	133.	1697627.495	1302.93	176.5	819.	2641.25	3966.5
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	14	3.064	3.064	3.613	2.124	0.188	0.434	2.233	2.913	3.415	3.598
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1159.268								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	14	34.5	65.286	289.	3.	6821.451	82.592	6.5	11.5	85.25	243.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	14	1.537	1.524	2.461	0.477	0.294	0.542	0.739	1.059	1.925	2.378
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			33.441								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GATE0416

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	13	3566.	3646.308	6666.	1375.	5304513.897	2303.153	1385.	1510.	6666.	6666.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	13	3.552	3.473	3.824	3.138	0.087	0.295	3.141	3.178	3.824	3.824
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2972.46								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	14	12.5	36.357	246.	0.	4238.555	65.104	2.	5.	31.	170.5
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	14	1.079	1.136	2.391	0.	0.384	0.62	0.301	0.699	1.486	2.184
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			13.662								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GATE0416

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	14	43.	61.5	235.	0.	4175.192	64.616	1.	16.5	82.75	187.5
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	14	1.633	1.483	2.371	0.	0.449	0.67	0.151	1.198	1.905	2.259
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			30.44								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	14	3.5	7.286	26.	0.	85.758	9.261	0.	0.	12.	24.5
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	14	0.5	0.575	1.415	0.	0.307	0.554	0.	0.	1.046	1.388
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.755								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GATE0416

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	14	103.5	243.857	1368.	17.	123689.209	351.695	19.	21.	292.5	911.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	14	2.012	2.048	3.136	1.23	0.346	0.588	1.276	1.322	2.465	2.897
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			111.751								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	14	45.5	100.571	792.	0.	41027.648	202.553	1.	14.	88.75	454.5
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	14	1.646	1.512	2.899	0.	0.547	0.739	0.151	1.146	1.947	2.483
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			32.496								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GATE0416

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	47	222.	564.681	10200.	0.	2231691.7	1493.885	31.4	133.	500.	860.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	47	2.346	2.328	4.009	0.	0.4	0.633	1.494	2.124	2.699	2.931
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			212.794								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	50	75.	243.74	5000.	0.	514512.482	717.295	0.	17.75	191.75	500.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	50	1.875	1.673	3.699	0.	0.884	0.94	0.	1.236	2.283	2.699
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			47.079								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0416

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	38	1312.5	3973.395	33800.	0.	53140818.083	7289.775	44.	209.	4103.5	11000.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	38	3.117	2.942	4.529	0.	0.892	0.945	1.643	2.32	3.613	4.04
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			874.692								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	38	62.	205.579	2278.	0.	166835.331	408.455	0.	0.	220.	617.1
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	38	1.791	1.514	3.358	0.	1.152	1.073	0.	0.	2.342	2.789
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			32.664								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0416

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	16	203.	342.563	1479.	0.	142321.729	377.256	0.	72.5	522.	951.2
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	16	2.307	2.103	3.17	0.	0.853	0.924	0.	1.839	2.715	2.953
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			126.883								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0416

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	16	43.5	116.	580.	0.	25454.267	159.544	0.	0.	217.5	377.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	16	1.613	1.306	2.763	0.	1.21	1.1	0.	0.	2.334	2.553
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			20.211								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0416

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	15	0.	28.8	100.	0.	1741.314	41.729	0.	0.	87.	100.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	15	0.	0.72	2.	0.	0.859	0.927	0.	0.	1.94	2.
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			5.251								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	15	29.	80.8	435.	0.	20052.171	141.606	0.	0.	87.	414.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	15	1.462	1.046	2.638	0.	1.131	1.063	0.	0.	1.94	2.617
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			11.128								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0416

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	15	116.	305.467	1740.	0.	256849.41	506.803	0.	0.	406.	1409.4
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	15	2.064	1.679	3.241	0.	1.326	1.151	0.	0.	2.609	3.141
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			47.757								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	15	0.	104.4	1189.	0.	95489.543	309.014	0.	0.	29.	649.6
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	15	0.	0.662	3.075	0.	1.098	1.048	0.	0.	1.462	2.708
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4.588								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station GATE0416

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	14	145.	256.857	1334.	0.	136482.286	369.435	0.	0.	413.25	986.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	14	2.161	1.548	3.125	0.	1.572	1.254	0.	0.	2.616	2.965
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			35.278								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	14	43.5	76.643	435.	0.	13793.324	117.445	0.	0.	116.	304.5
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	14	1.613	1.138	2.638	0.	1.114	1.056	0.	0.	2.064	2.44
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			13.751								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station GATE0416

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	11	29.	90.	493.	0.	21612.8	147.013	0.	0.	116.	435.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	11	1.462	1.333	2.693	0.	0.896	0.946	0.	0.	2.064	2.616
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			21.543								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	11	0.	30.545	203.	0.	4166.273	64.547	0.	0.	30.	182.2
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	11	0.	0.58	2.307	0.	0.815	0.903	0.	0.	1.477	2.245
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.804								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station GATE0416

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	14	43.5	248.571	1682.	0.	255885.802	505.852	0.	0.	159.5	1406.5
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	14	1.613	1.484	3.226	0.	1.226	1.107	0.	0.	2.198	3.14
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			30.488								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	14	29.	87.	580.	0.	24453.692	156.377	0.	0.	94.25	406.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	14	1.462	1.126	2.763	0.	1.128	1.062	0.	0.	1.971	2.564
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			13.359								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

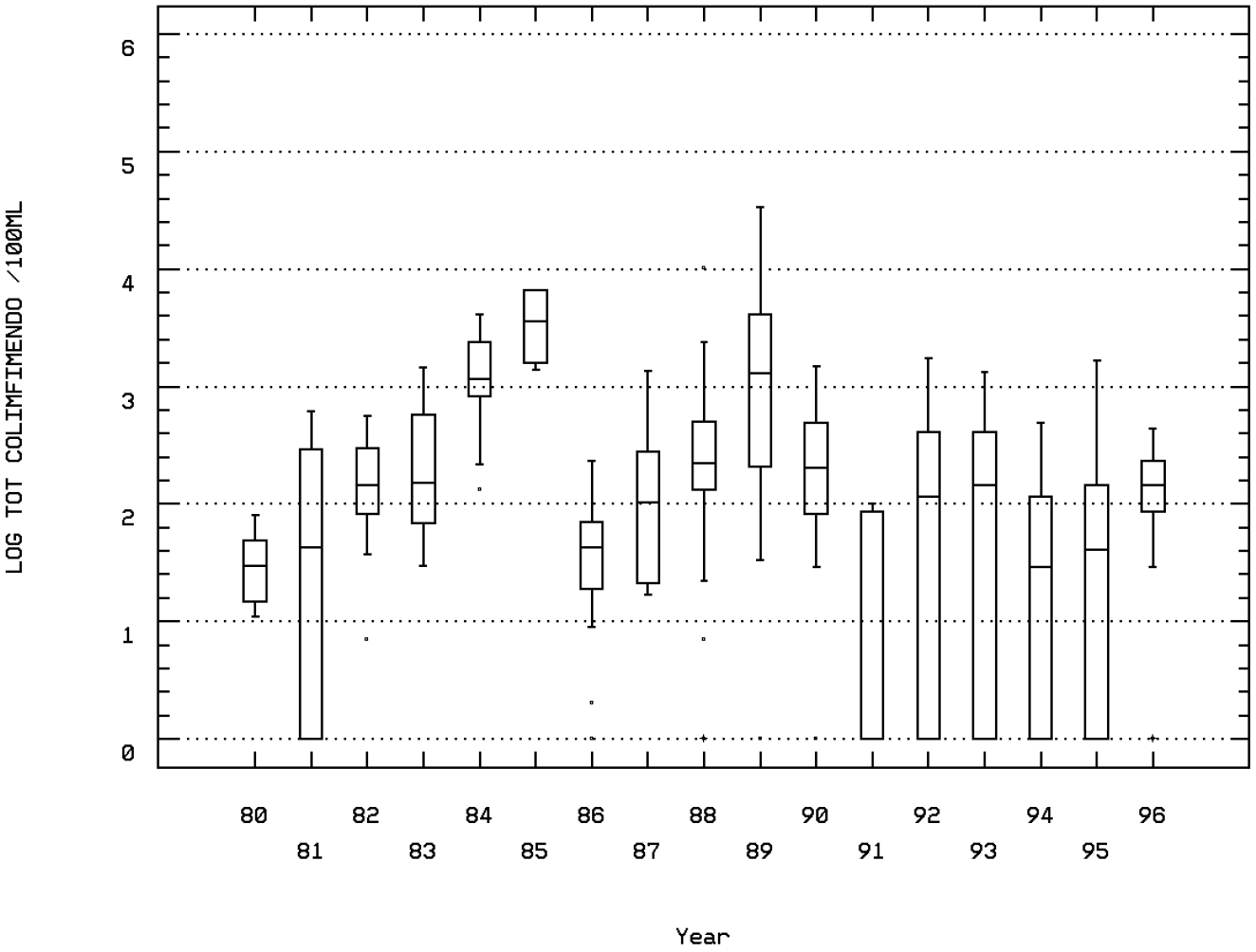
Annual Analysis for 1996 - Station GATE0416

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	13	145.	160.615	435.	0.	15925.09	126.195	11.6	58.	232.	400.2
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	13	2.161	1.959	2.638	0.	0.471	0.686	0.585	1.701	2.365	2.6
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			91.								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	13	58.	37.923	87.	0.	894.91	29.915	0.	0.	58.	75.4
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	13	1.763	1.188	1.94	0.	0.696	0.834	0.	0.	1.763	1.869
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			15.419								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: GATE0416 Parameter Code: 31501

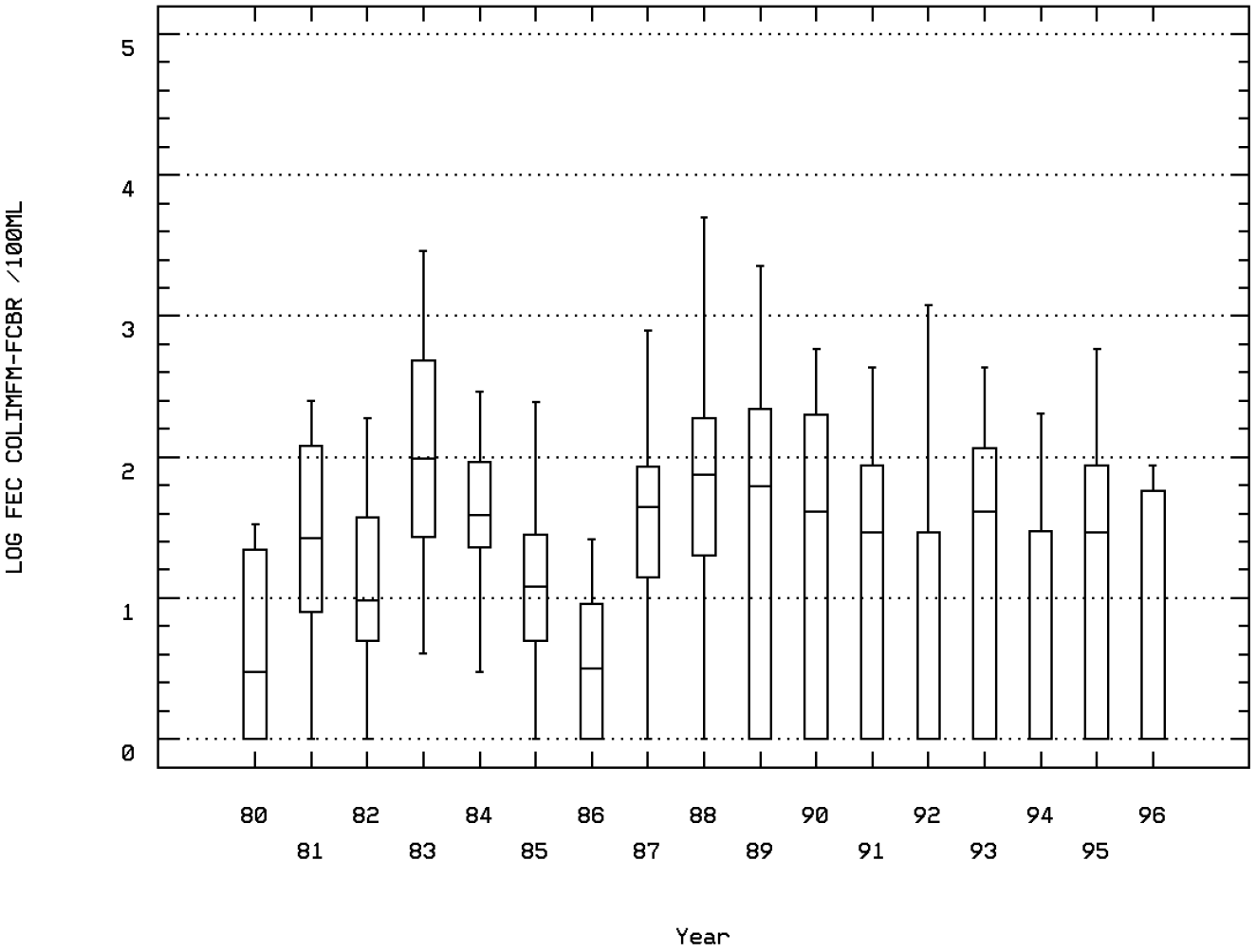
LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.



New Dorp Beach

Station: GATE0416 Parameter Code: 31616

LOG FECAL COLIFORM,MEMBR FILTER,M-FC BR



New Dorp Beach

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0416

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	106	181.5	799.491	10653.	0.	3381678.938	1838.934	0.	30.	555.75	2171.1
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	106	2.259	2.09	4.027	0.	1.024	1.012	0.	1.477	2.745	3.336
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			123.072								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/15/77-09/10/83	24	1000.	2063.875	12200.	0.	8428825.505	2903.244	20.	267.5	2305.	6850.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/15/77-09/10/83	24	3.	2.784	4.086	0.	0.917	0.958	1.296	2.421	3.361	3.826
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			607.454								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/16/77-09/10/83	16	75.	238.375	1600.	0.	167494.517	409.261	0.	10.75	330.	876.9
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/16/77-09/10/83	16	1.849	1.706	3.204	0.	0.906	0.952	0.	1.028	2.518	2.889
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			50.798								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	110	21.5	181.845	5000.	0.	361494.315	601.244	0.	0.	111.5	388.9
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	110	1.331	1.228	3.699	0.	1.061	1.03	0.	0.	2.047	2.588
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			16.911								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0416

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	180	150.5	1102.194	33800.	0.	13213337.744	3635.016	0.	44.	566.25	2235.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	180	2.178	2.104	4.529	0.	1.13	1.063	0.	1.643	2.753	3.349
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			127.168								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/15/77-09/10/83	23	160.	338.261	1600.	14.	197794.02	444.74	29.4	50.	500.	1226.8
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/15/77-09/10/83	23	2.204	2.212	3.204	1.146	0.313	0.559	1.466	1.699	2.699	3.052
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			162.982								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/16/77-09/10/83	18	49.5	113.722	520.	0.	22720.448	150.733	0.	15.5	187.5	412.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/16/77-09/10/83	18	1.695	1.604	2.716	0.	0.606	0.779	0.	1.183	2.268	2.613
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			40.147								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	184	29.	98.576	1189.	0.	30918.06	175.835	0.	0.5	95.25	289.5
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	184	1.462	1.318	3.075	0.	0.846	0.92	0.	0.075	1.979	2.462
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			20.795								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0417

NPS Station ID: GATE0417 | LAT/LON: 40.547226/ -74.097226 | Agency: 11NOAMID | Date Created: 11/16/78
Location: RARITAN BAY | FIPS State/County: 36085 NEW YORK/RICHMOND
Station Type: /TYPA/AMBNT/OCEAN | STORET Station ID(s): RARB40
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 02030104 | Depth of Water: 0 | Aquifer:
Major Basin: NORTHEAST | Elevation: 0 | Water Body Id:
Minor Basin: LOWER HUDSON NEW YORK METRO AREA | ECO Region:
RF1 Index: 02030104004 | RF1 Mile Point: 1.590 | Distance from RF1: 0.00 | On/Off RF1: OFF
RF3 Index: 02030202104200.00 | RF3 Mile Point: 0.00 | Distance from RF3: 4.93 | On/Off RF3:
Description:
TRACE METALS IN SEDIMENTS OF RARITAN BAY - GREIG AND MCGRATH - NOAA NATL MAR FISH SERV - MID ATLANTIC COAST FISH CEN MILFORD CT 1973
MARINE POLLUTION BULLETIN VOL 8 NO 8 AUG 1977

Parameter Inventory for Station: GATE0417

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	2	18.	18.	21.	15.	18.	4.243	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	02/01/73-05/01/73	2	17.	17.	19.	15.	8.	2.828	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	02/01/73-05/01/73	2	22.	22.	24.	20.	8.	2.828	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	2	7.6	7.6	8.6	6.6	2.	1.414	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	02/01/73-05/01/73	2	69.5	69.5	94.	45.	1200.5	34.648	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GATE0418

NPS Station ID: GATE0418 LAT/LON: 40.552503/ -74.103338 Agency: 1111H030 Date Created: 09/20/80
Location: OAKWOOD BEACH 100' OFF STATEN IS. SHORE FIPS State/County: 36085 NEW YORK/RICHMOND
Station Type: /TYPA/AMBNT/OCEAN STORET Station ID(s): SI OB /SIOB
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 02030104 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON - N.Y. METROPOLITAN AREA ECO Region:
RF1 Index: 02030104004 RF1 Mile Point: 1.730 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:

Parameter Inventory for Station: GATE0418

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/30/80-09/28/81	22	52.	105.545	840.	0.	32455.212	180.153	2.6	10.5	133.	231.2
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/30/80-09/28/81	22	1.716	1.53	2.924	0.	0.577	0.76	0.391	1.004	2.124	2.364
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			33.859								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	06/30/80-09/22/81	21	4.	12.476	56.	0.	250.662	15.832	0.	1.	21.	40.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	06/30/80-09/22/81	21	0.602	0.734	1.748	0.	0.374	0.612	0.	0.	1.322	1.601
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			5.42								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0418

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	22	0	0.00	12	0	0.00				10	0	0.00			
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	21	0	0.00	11	0	0.00				10	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0419

NPS Station ID: GATE0419
LAT/LON: 40.531115/ -74.106393
Agency: 1111H030
Date Created: / /
Location: RARITAN BAY (41)
FIPS State/County: 36085 NEW YORK/RICHMOND
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): 403152007406230/041 /41
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030104
Depth of Water: 12
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-N.Y. METROPOLI
ECO Region:
RF1 Index: 02030104
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0419

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/11/63-08/11/64	5	14.9	14.58	25.6	4.4	88.462	9.405	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/11/63-08/11/64	5	17.	17.	34.	2.	169.5	13.019	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/23/64-08/11/64	4	7.9	7.9	9.7	6.1	2.327	1.525	**	**	**	**
00400	PH (STANDARD UNITS)	03/23/64-06/03/64	2	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/23/64-06/03/64	2	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/23/64-06/03/64	2	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/23/64-03/23/64	1	12000.	12000.	12000.	12000.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	12/11/63-08/11/64	5	360.	1470.	6000.	110.	6445550.	2538.809	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	12/11/63-08/11/64	5	2.556	2.719	3.778	2.041	0.424	0.651	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			523.008								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/11/63-08/11/64	5	140.	585.6	2500.	8.	1153556.8	1074.038	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/11/63-08/11/64	5	2.146	2.086	3.398	0.903	0.861	0.928	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			121.867								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	12/11/63-08/11/64	5	24.	42.8	120.	2.	2131.2	46.165	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	12/11/63-08/11/64	5	1.38	1.349	2.079	0.301	0.436	0.661	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			22.312								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0419

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00			
00400	PH	Other-Hi Lim.	9.	2	0	0.00				1	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	2	0	0.00				1	0	0.00	1	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	5	1	0.20	1	1	1.00	2	0	0.00	2	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	5	2	0.40	1	1	1.00	2	0	0.00	2	1	0.50			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0420

NPS Station ID: GATE0420
LAT/LON: 40.540837/ -74.108059
Agency: 21350000
Date Created: / /
Location: OAKWOOD BEACH EFF
FIPS State/County: 36000 NEW YORK/
Station Type: /TYPA/MUN/TREATD/OUTFL/LAKE
STORET Station ID(s): 403227007406290/814E
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-N.Y. METROPOLITAN AREA
ECO Region:
RF1 Index: 02030104
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
PLANT WAS OPENED IN 1956 AND HAS A DESIGN CAPACITY OF 15 MGD AND A PRESENT FLOW OF 11 MGD. IT SERVES THE SOUTH SECTION OF RICHMOND (10,779 ACRES) WITH A CONNECTING POPULATION OF 60,000. PRESENT FACILI- TIES ARE MODIFIED AERATION, SLUDGE DIGESTION, UTILIZATION OF DIGESTER GAS AND CHLORINATION. MONTHLY SUMMARIES OF DATA COLLECTED BY N.Y.C. DEPT. OF PUBLIC WORKS.

Parameter Inventory for Station: GATE0420

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GATE0421

NPS Station ID: GATE0421
LAT/LON: 40.540837/ -74.108059
Agency: 1111H031
Date Created: 09/13/76
Location: OAKWOOD BEACH EFF
FIPS State/County: 36085 NEW YORK/RICHMOND
Station Type: /TYPA/MUN/TREATD/OUTFL/LAKE
STORET Station ID(s): NY0026174 06290/814E
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-N.Y. METROPOLI
ECO Region:
RF1 Index: 02030104
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
PLANT WAS OPENED IN 1956 AND HAS A DESIGN CAPACITY OF 15 MGD AND A PRESENT FLOW OF 11 MGD. IT SERVES THE SOUTH SECTION OF RICHMOND %10,779 ACRES< WITH A CONNECTING POPULATION OF 60,000. PRESENT FACILI- TIES ARE MODIFIED AERATION, SLUDGE DIGESTION, UTILIZATION OF DIGESTER GAS AND CHLORINATION. MONTHLY SUMMARIES OF DATA COLLECTED BY N.Y.C. DEPT. OF PUBLIC WORKS.

Parameter Inventory for Station: GATE0421

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GATE0422

NPS Station ID: GATE0422
LAT/LON: 40.538337/ -74.108337
Agency: REGII208
Date Created: 05/25/78
Location: RARITAN BAY
FIPS State/County: 36085 NEW YORK/RICHMOND
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): NYC001R7 /R7
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030104
Depth of Water: 7
Aquifer:
Major Basin: 1 MI OFFSHORE OAKWOOD
Elevation: 0
Water Body Id:
Minor Basin: BEACH STP
ECO Region:
RF1 Index: 02030104004
RF1 Mile Point: 0.600
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0422

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/17/75-07/26/77	132	15.	14.603	26.	1.3	12.833	3.582	10.5	13.	16.15	18.28
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/17/75-06/12/77	122	30400.	28634.426	34600.	16000.	19203598.428	4382.191	23000.	25175.	32500.	33100.
00300	OXYGEN, DISSOLVED MG/L	09/17/75-07/26/77	132	7.	7.618	15.9	5.	3.197	1.788	6.	6.5	8.7	9.8
00310	BOD, 5 DAY, 20 DEG C MG/L	09/17/75-07/26/77	43	1.9	2.14	5.5	1.3	0.698	0.836	1.5	1.7	2.3	3.06
00400	PH (STANDARD UNITS)	09/17/75-12/16/76	5	7.8	7.72	8.1	7.3	0.102	0.319	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/17/75-12/16/76	5	7.8	7.627	8.1	7.3	0.113	0.336	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/17/75-12/16/76	5	0.016	0.024	0.05	0.008	0.	0.017	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/01/77-06/12/77	21	99.	98.952	102.	95.	2.748	1.658	97.	98.	100.	101.
00480	SALINITY - PARTS PER THOUSAND	09/17/75-06/12/77	122	23.65	22.696	26.5	13.8	8.246	2.872	18.44	20.5	25.125	25.97
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/17/75-07/26/77	46	9.	9.87	32.	2.	36.383	6.032	4.	6.	13.	15.3
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/17/75-07/26/77	9	0.24	0.244	0.46	0.028	0.015	0.122	0.028	0.164	0.31	0.46
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/17/75-07/26/77	9	0.03	0.034	0.06	0.008	0.	0.015	0.008	0.025	0.046	0.06
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/17/75-07/26/77	7	0.16	0.19	0.4	0.025	0.017	0.129	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/17/75-07/26/77	9	0.8	0.851	1.3	0.6	0.046	0.215	0.6	0.715	0.975	1.3
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/17/75-07/26/77	9	0.22	0.247	0.42	0.12	0.013	0.114	0.12	0.14	0.355	0.42
00940	CHLORIDE,TOTAL IN WATER MG/L	09/24/75-07/26/77	11	14700.	14754.545	15800.	13400.	864727.273	929.907	13420.	13500.	15700.	15780.
01027	CADMIUM, TOTAL (UG/L AS CD)	12/09/76-12/09/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	12/09/76-12/09/76	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	12/09/76-12/09/76	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	12/09/76-12/09/76	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	12/09/76-12/09/76	1	8.	8.	8.	8.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	12/09/76-12/09/76	1	39.	39.	39.	39.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/17/75-07/26/77	60	2250.	3899.167	24000.	230.	25675797.599	5067.129	330.	790.	4900.	7900.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/17/75-07/26/77	60	3.352	3.302	4.38	2.362	0.274	0.523	2.519	2.898	3.69	3.898
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			2005.356								
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	09/17/75-07/26/77	60	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	09/17/75-07/26/77	60	0.699	0.699	0.699	0.699	0.	0.	0.699	0.699	0.699	0.699
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			5.								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	09/17/75-07/26/77	60	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	09/17/75-07/26/77	60	0.699	0.699	0.699	0.699	0.	0.	0.699	0.699	0.699	0.699
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			5.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/17/75-07/26/77	60	330.	642.083	4900.	20.	782318.044	884.487	53.	130.	790.	1670.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/17/75-07/26/77	60	2.519	2.505	3.69	1.301	0.288	0.537	1.719	2.114	2.898	3.222
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			320.04								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/17/75-07/26/77	9	0.075	0.083	0.136	0.053	0.001	0.025	0.053	0.066	0.099	0.136
71900	MERCURY, TOTAL (UG/L AS HG)	12/09/76-12/09/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0422

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	132	0	0.00	8	0	0.00	24	0	0.00	100	0	0.00			
00400	PH	Other-Hi Lim.	9.	5	0	0.00	4	0	0.00	1	0	0.00						
		Other-Lo Lim.	6.5	5	0	0.00	4	0	0.00	1	0	0.00						
01027	CADMIUM, TOTAL	Marine Acute	43.	1	0	0.00				1	0	0.00						
01042	COPPER, TOTAL	Marine Acute	2.9	1	1	1.00				1	1	1.00						
01051	LEAD, TOTAL	Marine Acute	220.	1	0	0.00				1	0	0.00						
01067	NICKEL, TOTAL	Marine Acute	75.	1	0	0.00				1	0	0.00						
01092	ZINC, TOTAL	Marine Acute	95.	1	0	0.00				1	0	0.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	60	42	0.70	4	4	1.00	12	8	0.67	44	30	0.68			
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	60	0	0.00	4	0	0.00	12	0	0.00	44	0	0.00			
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	60	0	0.00	4	0	0.00	12	0	0.00	44	0	0.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	60	40	0.67	4	4	1.00	12	8	0.67	44	28	0.64			
71900	MERCURY, TOTAL	Marine Acute	2.1	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0423

NPS Station ID: GATE0423 | LAT/LON: 40.549254/ -74.112003 | Agency: 11NPSWRD | Date Created: 12/21/96
Location: Oakwood Beach | FIPS State/County: 36085 NEW YORK/RICHMOND
Station Type: /TYPA/AMBNT/OCEAN | STORET Station ID(s): GATE_SI-5 /OB-5
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 02030104 | Depth of Water: 0 | Aquifer:
Major Basin: NORTHEAST | Elevation: 0 | Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METROPOLITAN AREA | ECO Region:
RF1 Index: 02030104 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 02030202104200.00 | RF3 Mile Point: 0.00 | Distance from RF3: 4.93 | On/Off RF3:
Description:
Station is located at Oakwood Beach on Staten Island. The station can be found on the USGS 7.5' The Narrows N.Y.-N.J. quadrangle. To reach the site: Exit Great Kills Park and turn right onto Hylan Blvd. Go to Guyon Ave. and turn right. At Mill Road turn right onto Fox Beach Rd. then left and go to the end (beach). Traverse beach dune down to the shore to take samples. For additional information on the water quality data stored at this station; contact the Division of Natural Resources at Gateway National Recreation Area - Building 210; Fort Wadsworth; Staten Island N.Y. 10305 (tel. 718-448-5505; fax. 718-448-4015). The park produces an Annual Report summarizing each year's monitoring activities. Data processed and uploaded to STORET by Dean Tucker; NPS Water Resources Division; 1201 Oak Ridge Drive Ste. 250; Fort Collins CO 80525 (tel. 970-225-3516; fax. 970-225-9965).

Parameter Inventory for Station: GATE0423

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/30/83-08/31/92	20	22.25	22.165	26.2	17.5	5.445	2.333	17.75	20.625	23.	25.9
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/27/92-08/31/92	15	21.	21.16	29.4	13.5	17.375	4.168	14.4	19.	23.	28.44
00080	COLOR (PLATINUM-COBALT UNITS)	06/02/83-08/31/83	13	30.	32.308	60.	20.	131.731	11.477	22.	25.	37.5	56.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/27/92-08/31/92	15	37000.	36146.667	41200.	28200.	13744095.238	3707.303	30060.	33300.	39500.	40480.
00300	OXYGEN, DISSOLVED MG/L	06/30/83-08/31/83	5	7.1	7.08	8.4	5.7	0.932	0.965	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/07/83-08/11/83	3	87.	94.667	119.	78.	464.333	21.548	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/02/83-08/31/83	14	7.75	7.793	8.4	7.5	0.078	0.279	7.5	7.575	8.	8.3
00403	CONVERTED PH, LAB, STANDARD UNITS	06/02/83-08/31/83	14	7.747	7.723	8.4	7.5	0.083	0.288	7.5	7.575	8.	8.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/02/83-08/31/83	14	0.018	0.019	0.032	0.004	0.	0.01	0.005	0.01	0.027	0.032
00480	SALINITY - PARTS PER THOUSAND	06/09/83-08/31/92	24	25.	24.842	33.8	18.4	8.707	2.951	21.15	23.1	26.275	27.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/04/83-08/31/83	4	0.055	0.047	0.077	0.	0.001	0.035	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/20/83-08/25/83	3	0.151	0.179	0.252	0.135	0.004	0.063	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/09/83-08/25/83	9	13591.	13819.	18751.	10197.	6034649.5	2456.552	10197.	12121.5	15295.5	18751.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	235	75.	622.619	25317.	0.	4046277.89	2011.536	0.	20.	360.	1687.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	235	1.875	1.788	4.403	0.	1.176	1.084	0.	1.301	2.556	3.226
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			61.408								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/02/83-09/10/83	15	120.	208.267	920.	21.	57589.781	239.979	28.2	34.	350.	647.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/02/83-09/10/83	15	2.079	2.075	2.964	1.322	0.237	0.487	1.44	1.531	2.544	2.786
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			118.913								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/02/83-09/10/83	15	49.	129.2	920.	13.	51386.6	226.686	18.4	23.	130.	482.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/02/83-09/10/83	15	1.69	1.783	2.964	1.114	0.255	0.505	1.251	1.362	2.114	2.553
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			60.73								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GATE0423

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	238	15.	61.481	1025.	0.	18616.039	136.441	0.	0.	58.	152.6
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	238	1.175	1.038	3.011	0.	0.81	0.9	0.	0.	1.763	2.183
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			10.903								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/27/92-08/17/92	4	8.04	7.123	9.15	3.26	7.639	2.764	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/04/83-08/31/83	4	0.	0.017	0.066	0.	0.001	0.033	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0423

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	5	0	0.00	3	0	0.00				2	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	14	0	0.00	5	0	0.00				9	0	0.00			
		Other-Lo Lim.	6.5	14	0	0.00	5	0	0.00				9	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	235	31	0.13	77	12	0.16				158	19	0.12			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	15	0	0.00	6	0	0.00				9	0	0.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	15	1	0.07	6	0	0.00				9	1	0.11			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	238	21	0.09	77	7	0.09				161	14	0.09			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1980 - Station GATE0423

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	10	14.	72.8	400.	0.	15509.956	124.539	0.	0.	108.25	373.3
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	10	1.136	1.082	2.602	0.	1.055	1.027	0.	0.	2.031	2.554
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			12.089								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	10	1.5	12.	78.	0.	640.	25.298	0.	0.	10.5	73.5
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	10	0.239	0.484	1.892	0.	0.469	0.685	0.	0.	0.737	1.855
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.049								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station GATE0423

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	12	8.5	77.25	500.	0.	24821.659	157.549	0.	0.	47.5	440.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	12	0.923	0.969	2.699	0.	1.002	1.001	0.	0.	1.675	2.632
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			9.303								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	13	22.	25.538	60.	0.	531.769	23.06	0.	3.	50.	56.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	13	1.342	1.09	1.778	0.	0.445	0.667	0.	0.477	1.699	1.746
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			12.294								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station GATE0423

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	14	55.5	117.5	400.	0.	17887.5	133.744	0.	12.25	221.25	375.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	14	1.733	1.6	2.602	0.	0.728	0.853	0.	1.085	2.345	2.573
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			39.838								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	15	17.	43.8	128.	0.	2215.457	47.069	0.	5.	80.	125.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	15	1.23	1.222	2.107	0.	0.57	0.755	0.	0.699	1.903	2.097
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			16.685								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station GATE0423

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	15	90.	151.167	604.	1.5	31451.131	177.345	8.4	40.	165.	520.6
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	15	1.954	1.863	2.781	0.176	0.425	0.652	0.739	1.602	2.217	2.713
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			72.999								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	15	70.	89.167	445.	1.5	13168.274	114.753	6.6	27.	93.	323.8
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	15	1.845	1.649	2.648	0.176	0.364	0.603	0.67	1.431	1.968	2.491
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			44.564								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GATE0423

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	14	570.	954.714	5400.	31.	1815113.912	1347.262	80.	315.5	1096.75	3435.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	14	2.755	2.709	3.732	1.491	0.281	0.53	1.801	2.487	3.039	3.45
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			512.238								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GATE0423

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	14	23.	44.	210.	3.	3697.077	60.804	3.	7.75	44.75	180.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	14	1.36	1.321	2.322	0.477	0.312	0.559	0.477	0.889	1.649	2.249
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			20.94								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GATE0423

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	13	4600.	3821.538	6666.	653.	4092809.436	2023.069	725.	2187.	5250.	6666.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	13	3.663	3.496	3.824	2.815	0.105	0.324	2.857	3.34	3.72	3.824
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3132.848								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	14	13.5	14.286	44.	0.	213.604	14.615	0.	0.	23.5	40.5
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	14	1.13	0.821	1.643	0.	0.452	0.672	0.	0.	1.371	1.606
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			6.625								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GATE0423

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	14	24.	35.5	133.	0.	1452.269	38.109	3.5	11.25	44.	115.5
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	14	1.377	1.312	2.124	0.	0.283	0.532	0.423	1.048	1.629	2.058
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			20.535								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	14	0.	10.714	56.	0.	332.066	18.223	0.	0.	19.5	50.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	14	0.	0.528	1.748	0.	0.478	0.692	0.	0.	1.29	1.696
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.372								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GATE0423

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	14	97.5	168.929	646.	22.	34532.995	185.831	28.5	43.	217.5	570.5
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	14	1.98	2.018	2.81	1.342	0.193	0.439	1.443	1.633	2.336	2.752
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			104.14								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	14	24.5	42.143	150.	2.	2071.824	45.517	2.	11.75	62.5	135.5
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	14	1.388	1.332	2.176	0.301	0.353	0.594	0.301	1.034	1.796	2.129
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			21.481								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GATE0423

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	17	78.	172.765	792.	6.	46409.066	215.428	12.4	29.	324.5	487.2
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	17	1.892	1.887	2.899	0.778	0.37	0.608	1.073	1.449	2.506	2.671
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			77.049								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	17	11.	54.059	396.	0.	9849.434	99.244	0.	1.	64.	220.8
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	17	1.041	1.095	2.598	0.	0.725	0.852	0.	0.151	1.803	2.318
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			12.443								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0423

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	15	1575.	3123.467	25317.	66.	39277586.267	6267.183	148.2	407.	2146.	13141.8
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	15	3.197	3.079	4.403	1.82	0.38	0.616	2.112	2.61	3.332	3.982
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1200.453								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	15	29.	212.667	1025.	0.	108275.095	329.052	0.	0.	290.	944.6
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	15	1.462	1.342	3.011	0.	1.539	1.241	0.	0.	2.462	2.974
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			22.002								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0423

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	15	58.	364.6	2546.	0.	492653.971	701.893	17.4	29.	313.	1871.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	15	1.763	1.917	3.406	0.	0.712	0.844	0.877	1.462	2.496	3.254
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			82.66								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	15	0.	61.867	435.	0.	13800.41	117.475	0.	0.	87.	295.8
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	15	0.	0.901	2.638	0.	1.073	1.036	0.	0.	1.94	2.44
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			7.959								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0423

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	15	0.	69.2	300.	0.	9941.6	99.708	0.	0.	116.	276.6
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	15	0.	0.968	2.477	0.	1.197	1.094	0.	0.	2.064	2.441
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			9.292								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	15	29.	61.667	290.	0.	7733.381	87.94	0.	0.	87.	236.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	15	1.462	1.033	2.462	0.	1.067	1.033	0.	0.	1.94	2.366
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			10.785								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0423

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	15	174.	591.6	6264.	0.	2504594.114	1582.591	0.	29.	435.	2888.4
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	15	2.241	1.92	3.797	0.	1.024	1.012	0.	1.462	2.638	3.202
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			83.171								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	15	29.	59.933	290.	0.	8466.067	92.011	0.	0.	87.	255.2
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	15	1.462	1.005	2.462	0.	1.033	1.016	0.	0.	1.94	2.404
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			10.123								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station GATE0423

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	14	29.	87.	493.	0.	18113.846	134.588	0.	0.	116.	362.5
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	14	1.462	1.247	2.693	0.	1.042	1.021	0.	0.	2.064	2.529
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			17.647								

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Annual Analysis for 1993 - Station GATE0423

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	14	0.	49.714	348.	0.	8982.989	94.779	0.	0.	87.	232.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	14	0.	0.815	2.542	0.	1.017	1.009	0.	0.	1.94	2.303
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			6.531								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station GATE0423

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	11	33.	436.182	2486.	0.	805747.964	897.635	0.	0.	99.	2386.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	11	1.519	1.408	3.396	0.	1.633	1.278	0.	0.	1.996	3.376
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			25.571								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	11	0.	121.182	967.	0.	81878.364	286.144	0.	0.	99.	808.8
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	11	0.	0.955	2.985	0.	1.331	1.154	0.	0.	1.996	2.837
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			9.022								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station GATE0423

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	14	29.	157.429	1392.	0.	140862.879	375.317	0.	0.	72.5	928.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	14	1.462	1.149	3.144	0.	1.259	1.122	0.	0.	1.839	2.905
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			14.101								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	14	14.5	91.143	667.	0.	37244.286	192.988	0.	0.	65.25	522.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	14	0.731	0.964	2.824	0.	1.146	1.071	0.	0.	1.807	2.7
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			9.196								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

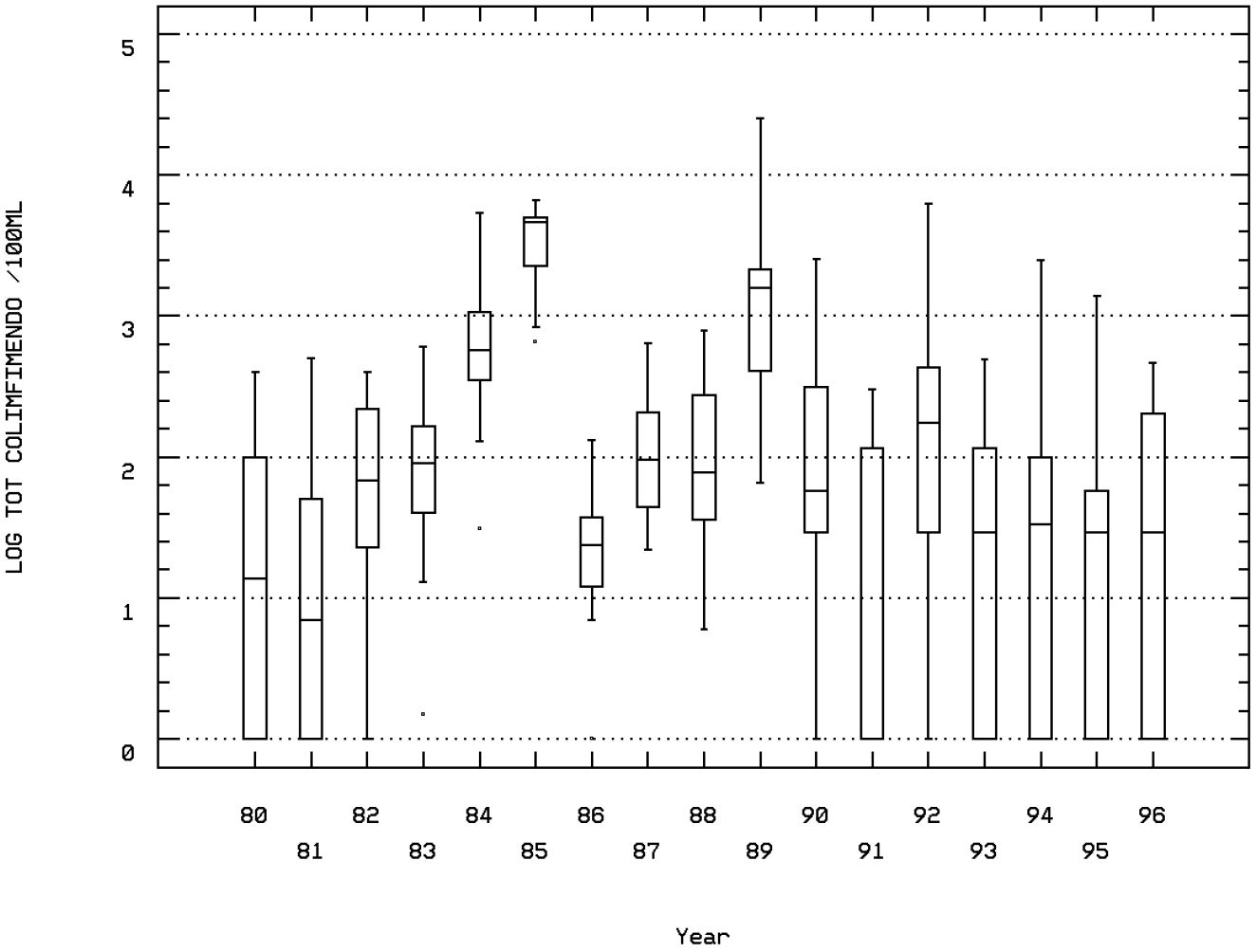
Annual Analysis for 1996 - Station GATE0423

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	13	29.	111.538	464.	0.	20582.936	143.468	0.	0.	203.	394.4
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	13	1.462	1.389	2.667	0.	1.078	1.038	0.	0.	2.307	2.585
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			24.486								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	13	0.	35.692	232.	0.	4086.397	63.925	0.	0.	58.	162.4
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	13	0.	0.814	2.365	0.	0.883	0.939	0.	0.	1.763	2.125
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			6.515								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: GATE0423 Parameter Code: 31501

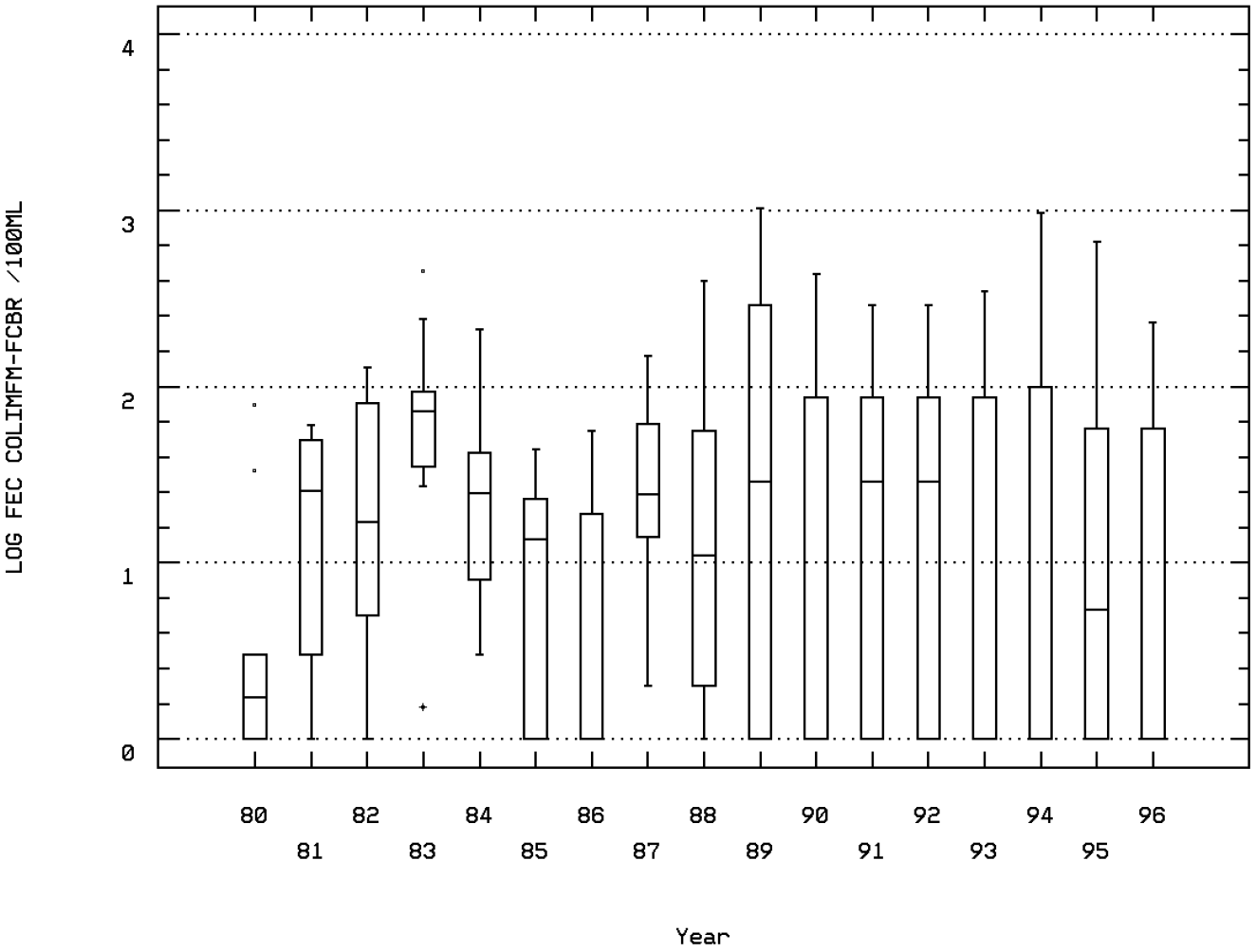
LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.



Oakwood Beach

Station: GATE0423 Parameter Code: 31616

LOG FECAL COLIFORM,MEMBR FILTER,M-FC BR



Oakwood Beach

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0423

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	77	78.	570.	6264.	0.	1677890.816	1295.334	0.	18.5	295.	1990.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	77	1.892	1.767	3.797	0.	1.221	1.105	0.	1.266	2.47	3.299
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			58.533								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	77	10.	60.675	967.	0.	17804.038	133.432	0.	0.	59.5	181.6
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	77	1.	0.994	2.985	0.	0.865	0.93	0.	0.	1.774	2.259
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			9.854								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0423

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	158	67.5	648.263	25317.	0.	5216511.015	2283.968	0.	20.	400.	1410.3
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	158	1.829	1.798	4.403	0.	1.161	1.077	0.	1.299	2.602	3.149
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			62.859								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	161	17.	61.866	1025.	0.	19117.627	138.267	0.	0.	58.	145.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	161	1.23	1.059	3.011	0.	0.788	0.888	0.	0.	1.763	2.161
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			11.443								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0424

NPS Station ID: GATE0424
LAT/LON: 40.548892/ -74.115282
Agency: 21350000
Date Created: / /
Location: OAKWOOD BEACH INF
FIPS State/County: 36000 NEW YORK/
Station Type: /TYPA/MUN/NTRTMT/OUTFL/LAKE
STORET Station ID(s): 403256007406550/814I
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-N.Y. METROPOLITAN AREA
ECO Region:
RF1 Index: 02030104
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
PLANT WAS OPENED IN 1956 AND HAS A DESIGN CAPACITY OF 15 MGD AND A PRESENT FLOW OF 11 MGD. IT SERVES THE SOUTH SECTION OF RICHMOND (10,779 ACRES) WITH A CONNECTING POPULATION OF 60,000. PRESENT FACILI- TIES ARE MODIFIED AERATION, SLUDGE DIGESTION, UTILIZATION OF DIGESTER GAS AND CHLORINATION. MONTHLY SUMMARIES OF DATA COLLECTED BY N.Y.C. DEPT. OF PUBLIC WORKS.

Parameter Inventory for Station: GATE0424

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GATE0425

NPS Station ID: GATE0425 | LAT/LON: 40.538503/ -74.127531 | Agency: 11NPSWRD | Date Created: 12/21/96
Location: Great Kills | FIPS State/County: 36085 NEW YORK/RICHMOND
Station Type: /TYPA/AMBNT/OCEAN | STORET Station ID(s): GATE_SI-6 /GK-6
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 02030104 | Depth of Water: 0 | Aquifer:
Major Basin: NORTHEAST | Elevation: 0 | Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METROPOLITAN AREA | ECO Region:
RF1 Index: 02030104 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 02030202104200.00 | RF3 Mile Point: 0.00 | Distance from RF3: 4.93 | On/Off RF3:
Description:
Station is a beach sampling site located in Great Kills Park on Staten Island. The station can be found on the USGS 7.5' Arthur Kill N.Y.-N.J. quadrangle. To reach the site: Park vehicle in the middle of Beach Parking Lot. Walk down to shore and take sample. For additional information on the water quality data stored at this station; contact the Division of Natural Resources at Gateway National Recreation Area - Building 210; Fort Wadsworth; Staten Island N.Y. 10305 (tel. 718-448-5505; fax. 718-448-4015). The park produces an Annual Report summarizing each year's monitoring activities. Data processed and uploaded to STORET by Dean Tucker; NPS Water Resources Division; 1201 Oak Ridge Drive Ste. 250; Fort Collins CO 80525 (tel. 970-225-3516; fax. 970-225-9965).

Parameter Inventory for Station: GATE0425

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/30/83-08/31/92	20	22.9	22.535	26.1	17.	6.388	2.527	17.75	21.	24.	25.95
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/27/92-08/31/92	15	21.5	21.3	28.3	14.5	15.389	3.923	14.8	19.	23.	28.3
00080	COLOR (PLATINUM-COBALT UNITS)	06/02/83-08/31/83	13	40.	84.615	550.	25.	20126.923	141.869	25.	32.5	50.	378.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/27/92-08/31/92	15	36700.	35966.667	41000.	28300.	12263809.524	3501.972	30040.	33200.	38600.	40220.
00300	OXYGEN, DISSOLVED MG/L	06/30/83-08/31/83	5	6.2	6.6	8.1	4.8	2.025	1.423	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/07/83-08/11/83	3	76.	77.667	88.	69.	92.333	9.609	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/02/83-08/31/83	14	7.7	7.757	8.5	7.4	0.1	0.316	7.45	7.575	7.825	8.35
00403	CONVERTED PH, LAB, STANDARD UNITS	06/02/83-08/31/83	14	7.7	7.678	8.5	7.4	0.106	0.326	7.45	7.575	7.825	8.35
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/02/83-08/31/83	14	0.02	0.021	0.04	0.003	0.	0.01	0.005	0.017	0.027	0.036
00480	SALINITY - PARTS PER THOUSAND	06/09/83-08/31/92	24	25.45	25.092	28.9	18.6	6.036	2.457	21.25	23.85	26.9	27.9
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/04/83-08/31/83	4	0.04	0.063	0.173	0.	0.006	0.076	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/20/83-08/25/83	3	0.17	0.152	0.218	0.069	0.006	0.076	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/09/83-08/25/83	9	15069.	14431.667	18128.	10310.	4982061.	2232.053	10310.	12742.	15437.	18128.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	317	125.	921.886	36100.	0.	7126525.588	2669.555	0.	29.	496.5	2600.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	317	2.097	1.969	4.558	0.	1.297	1.139	0.	1.462	2.696	3.415
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			93.061								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/14/77-09/10/83	57	400.	4380.719	44400.	0.	76972639.134	8773.405	11.8	130.	4966.5	13180.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/14/77-09/10/83	57	2.602	2.696	4.647	0.	1.377	1.174	1.06	2.114	3.696	4.119
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			496.273								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/16/77-09/10/83	44	105.	831.182	12160.	0.	4961925.455	2227.538	0.	24.	380.5	2333.5
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/16/77-09/10/83	44	2.021	1.941	4.085	0.	1.084	1.041	0.	1.379	2.579	3.368
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			87.257								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	330	67.5	263.058	4733.	0.	391348.389	625.578	0.	16.75	203.	595.1
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	330	1.829	1.664	3.675	0.	0.937	0.968	0.	1.224	2.307	2.774

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GATE0425

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			46.081								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/27/92-08/17/92	4	9.69	9.33	11.42	6.52	4.751	2.18	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/04/83-08/31/83	4	0.253	0.437	1.243	0.	0.345	0.588	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0425

				Total	Exceed	Prop.	----------8/01-10/31----------			----------11/01-3/31----------			----------4/01-7/31----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	5	0	0.00	3	0	0.00				2	0	0.00			
00403	PH, LAB	Other-Hi Lim.	8.5	14	1	0.07	5	0	0.00				9	1	0.11			
		Other-Lo Lim.	6.5	14	0	0.00	5	0	0.00				9	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	317	59	0.19	131	24	0.18				186	35	0.19			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	57	23	0.40	27	15	0.56				30	8	0.27			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	44	14	0.32	17	9	0.53				27	5	0.19			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	330	87	0.26	137	49	0.36				193	38	0.20			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1977 - Station GATE0425

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/14/77-09/10/83	11	286.	315.455	1000.	0.	114122.473	337.82	0.	0.	500.	960.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/14/77-09/10/83	11	2.456	1.678	3.	0.	1.803	1.343	0.	0.	2.699	2.981
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			47.635								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station GATE0425

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/14/77-09/10/83	20	8600.	11261.9	44400.	400.	144167035.884	12006.958	642.	3156.25	14225.	39100.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/14/77-09/10/83	20	3.925	3.803	4.647	2.602	0.295	0.543	2.795	3.498	4.152	4.579
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			6350.985								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station GATE0425

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/14/77-09/10/83	11	400.	1541.182	10480.	33.	9411901.164	3067.882	53.	180.	1080.	8956.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/14/77-09/10/83	11	2.602	2.686	4.02	1.519	0.444	0.666	1.64	2.255	3.033	3.908
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			484.984								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station GATE0425

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	10	16.5	120.3	450.	0.	30849.122	175.639	0.	0.	243.	446.1
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	10	0.759	1.114	2.653	0.	1.475	1.214	0.	0.	2.357	2.649
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			13.013								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	10	1.5	6.4	22.	0.	68.267	8.262	0.	0.	12.5	21.5
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	10	0.239	0.513	1.342	0.	0.342	0.585	0.	0.	1.089	1.331
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.26								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station GATE0425

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	10	13.5	48.4	307.	0.	8856.711	94.11	0.	0.	44.75	284.3
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	10	1.073	1.038	2.487	0.	0.739	0.859	0.	0.	1.615	2.429
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			10.907								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	13	38.	49.077	182.	0.	2826.41	53.164	0.	5.	80.	150.4
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	13	1.58	1.299	2.26	0.	0.58	0.761	0.	0.661	1.889	2.161
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			19.92								

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Annual Analysis for 1982 - Station GATE0425

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	13	50.	117.385	323.	17.	11856.256	108.886	27.4	50.	215.5	313.8
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	13	1.699	1.903	2.509	1.23	0.155	0.394	1.392	1.699	2.323	2.496
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			79.977								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	14	34.	45.214	135.	3.	1386.951	37.242	5.5	19.25	69.25	116.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	14	1.528	1.491	2.13	0.477	0.193	0.439	0.69	1.283	1.84	2.059
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			31.004								

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Annual Analysis for 1983 - Station GATE0425

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	12	77.5	114.917	440.	10.	15436.992	124.246	16.	33.25	128.75	389.9
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	12	1.889	1.857	2.643	1.	0.202	0.45	1.143	1.516	2.11	2.581
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			72.025								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/14/77-09/10/83	15	130.	269.333	2400.	7.	356117.238	596.756	10.6	33.	170.	1170.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/14/77-09/10/83	15	2.114	1.973	3.38	0.845	0.38	0.616	1.006	1.519	2.23	2.879
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			94.03								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	15	40.	116.8	690.	8.	31397.457	177.193	10.4	20.	200.	426.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	15	1.602	1.727	2.839	0.903	0.302	0.549	1.009	1.301	2.301	2.574
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			53.303								

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Annual Analysis for 1984 - Station GATE0425

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	13	2000.	1982.462	6967.	379.	3048966.603	1746.129	403.4	774.5	2333.5	5553.4
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	13	3.301	3.164	3.843	2.579	0.129	0.36	2.605	2.879	3.365	3.72
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1457.616								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	14	30.	84.643	515.	3.	17670.401	132.93	6.5	22.25	88.	349.5
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	14	1.475	1.601	2.712	0.477	0.304	0.551	0.739	1.347	1.943	2.488
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			39.947								

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Annual Analysis for 1985 - Station GATE0425

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	14	4650.	4736.643	6667.	2066.	3627390.247	1904.571	2158.5	2858.	6666.	6666.5
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	14	3.663	3.638	3.824	3.315	0.038	0.195	3.334	3.456	3.824	3.824
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4340.825								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	15	7.	46.533	270.	0.	7270.838	85.269	0.	0.	42.	226.8
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	15	0.845	0.836	2.431	0.	0.874	0.935	0.	0.	1.623	2.351
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			6.855								

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Annual Analysis for 1986 - Station GATE0425

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	14	2.	4.929	21.	0.	46.995	6.855	0.	0.	8.25	18.5
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	14	0.301	0.443	1.322	0.	0.255	0.505	0.	0.	0.904	1.263
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.772								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	14	3.5	9.214	47.	0.	180.797	13.446	0.	0.	14.5	36.5
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	14	0.5	0.608	1.672	0.	0.362	0.602	0.	0.	1.161	1.544
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4.058								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GATE0425

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	14	108.	129.714	462.	0.	18663.451	136.614	1.5	11.25	198.	379.5
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	14	2.033	1.715	2.665	0.	0.637	0.798	0.239	1.048	2.281	2.569
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			51.826								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	14	61.5	60.571	177.	2.	1904.571	43.641	8.	22.5	79.75	133.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	14	1.787	1.625	2.248	0.301	0.229	0.479	0.724	1.352	1.902	2.099
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			42.144								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GATE0425

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	50	323.5	640.54	8975.	5.	1659375.927	1288.168	63.3	162.75	712.5	1000.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	50	2.51	2.495	3.953	0.699	0.28	0.529	1.801	2.211	2.853	3.
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			312.683								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	54	216.5	548.278	3700.	0.	672905.299	820.308	44.	118.	661.5	1339.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	54	2.335	2.346	3.568	0.	0.496	0.704	1.643	2.071	2.82	3.123
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			222.029								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0425

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	38	1480.5	3602.263	36100.	0.	39156503.01	6257.516	75.9	386.75	4236.	8373.6
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	38	3.169	3.029	4.558	0.	0.751	0.867	1.88	2.575	3.625	3.922
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1069.875								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	39	174.	648.769	4733.	0.	1448004.498	1203.331	0.	29.	429.	3120.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	39	2.241	1.938	3.675	0.	1.336	1.156	0.	1.462	2.632	3.494
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			86.738								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0425

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	18	159.5	391.389	3480.	0.	621662.134	788.456	0.	58.	412.75	843.9
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	18	2.201	2.076	3.542	0.	0.775	0.88	0.	1.763	2.616	2.821
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			119.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0425

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	18	43.5	288.389	3509.	0.	659588.605	812.151	0.	0.	239.25	690.2
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	18	1.613	1.504	3.545	0.	1.184	1.088	0.	0.	2.378	2.673
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			31.902								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0425

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	17	29.	125.706	1273.	0.	96175.471	310.122	0.	0.	72.5	574.6
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	17	1.462	1.287	3.105	0.	0.925	0.962	0.	0.	1.851	2.703
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			19.386								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	17	116.	143.294	522.	0.	24333.346	155.991	0.	29.	174.	498.8
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	17	2.064	1.719	2.718	0.	0.796	0.892	0.	1.462	2.241	2.698
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			52.412								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0425

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	16	101.5	348.	1595.	0.	299283.867	547.068	0.	14.5	493.	1473.2
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	16	2.002	1.737	3.203	0.	1.31	1.145	0.	0.441	2.629	3.168
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			54.636								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	16	43.5	81.563	377.	0.	9892.263	99.46	0.	0.	137.75	234.9
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	16	1.613	1.335	2.576	0.	0.953	0.976	0.	0.	2.137	2.341
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			21.623								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station GATE0425

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	34	29.	88.618	928.	0.	27602.061	166.139	0.	0.	145.	216.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	34	1.462	1.173	2.968	0.	1.077	1.038	0.	0.	2.161	2.333
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			14.892								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	33	145.	292.727	2117.	0.	191688.955	437.823	0.	29.	348.	777.2
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	33	2.161	1.83	3.326	0.	1.115	1.056	0.	1.462	2.54	2.877
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			67.654								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station GATE0425

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	14	45.5	225.214	1320.	0.	129381.874	359.697	0.	0.	413.25	892.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	14	1.641	1.559	3.121	0.	1.286	1.134	0.	0.	2.616	2.894
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			36.189								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	14	130.5	260.643	1320.	0.	134996.093	367.418	14.5	29.	297.25	1051.5
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	14	2.113	1.999	3.121	0.	0.591	0.769	0.731	1.462	2.465	3.007
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			99.727								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station GATE0425

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	14	43.5	68.357	377.	0.	10041.17	100.206	0.	0.	94.25	261.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	14	1.613	1.211	2.576	0.	0.954	0.977	0.	0.	1.971	2.369
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			16.263								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	14	43.5	70.429	174.	0.	4362.11	66.046	0.	21.75	145.	174.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	14	1.613	1.446	2.241	0.	0.703	0.839	0.	1.097	2.161	2.241
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			27.929								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

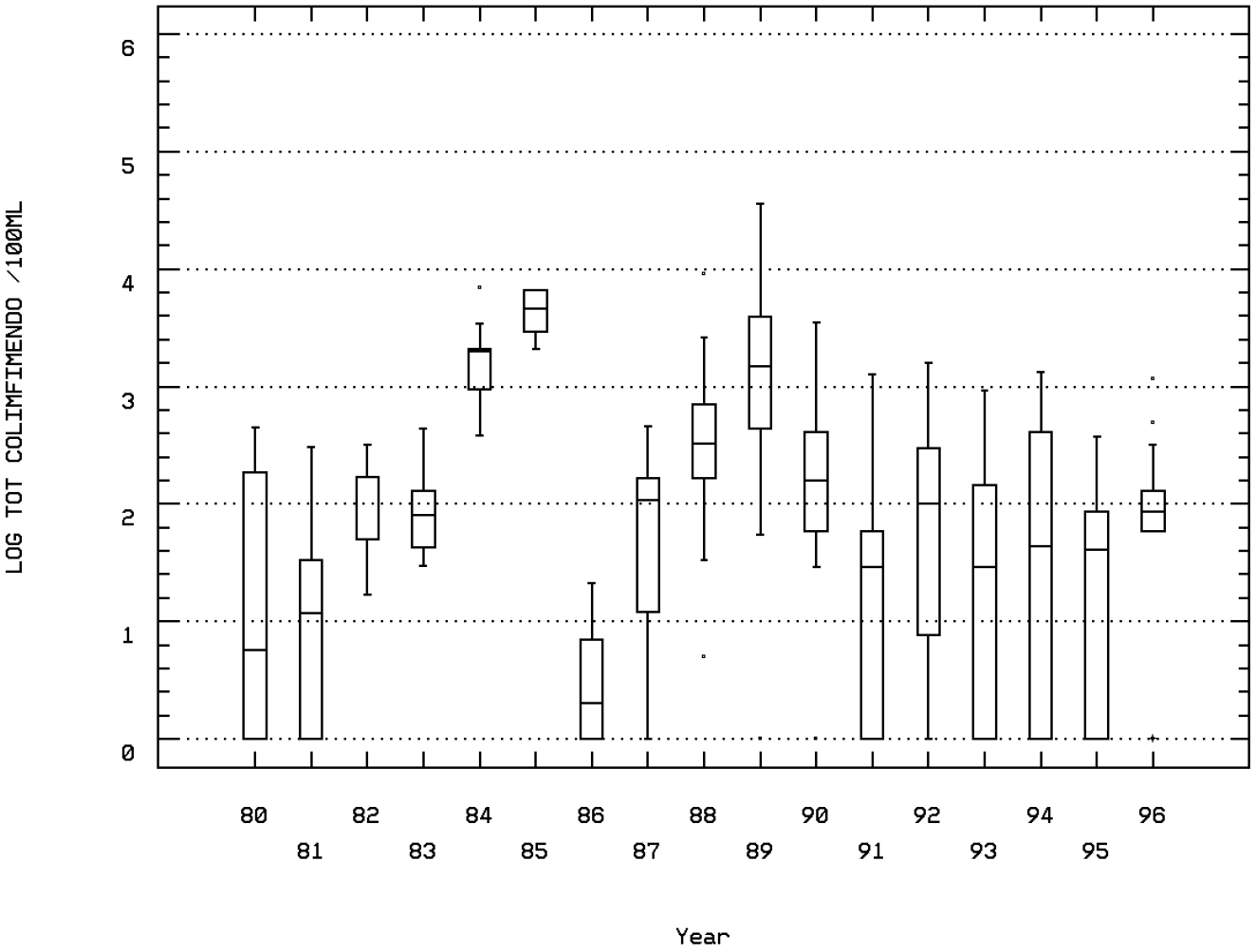
Annual Analysis for 1996 - Station GATE0425

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	16	87.	180.625	1150.	0.	82633.05	287.46	0.	58.	137.75	690.1
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	16	1.94	1.733	3.061	0.	0.862	0.929	0.	1.763	2.137	2.803
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			54.02								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	16	72.5	170.375	870.	0.	66032.517	256.968	0.	7.25	195.75	768.5
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	16	1.851	1.584	2.94	0.	1.058	1.028	0.	0.366	2.291	2.884
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			38.413								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: GATE0425 Parameter Code: 31501

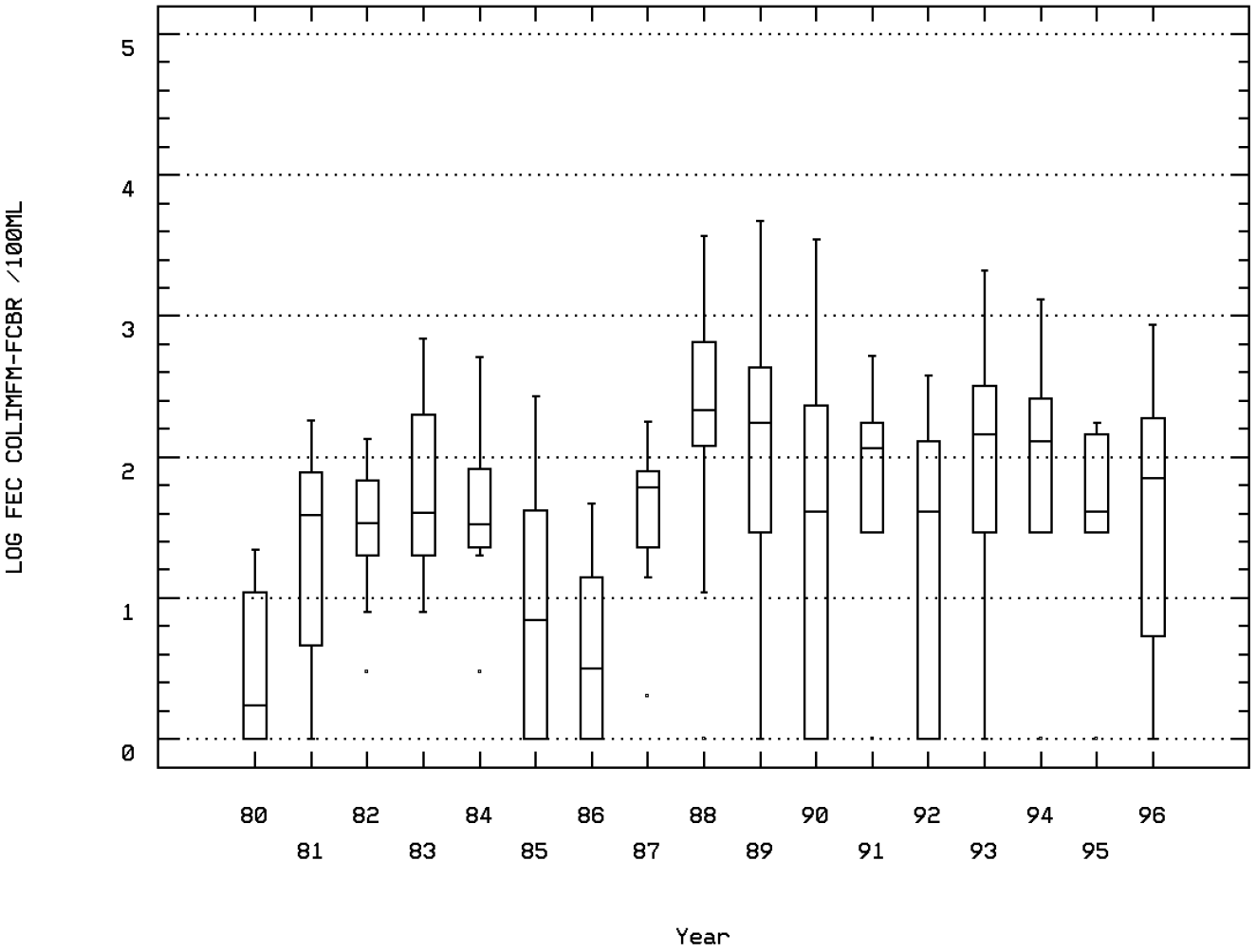
LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.



Great Kills

Station: GATE0425 Parameter Code: 31616

LOG FECAL COLIFORM,MEMBR FILTER,M-FC BR



Great Kills

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0425

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	131	145.	699.832	12663.	0.	2463996.587	1569.712	0.	33.	609.	1768.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	131	2.161	2.037	4.103	0.	1.152	1.073	0.	1.519	2.785	3.247
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			108.835								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/14/77-09/10/83	27	1200.	3899.593	14800.	0.	22924226.635	4787.925	26.4	170.	6800.	11880.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/14/77-09/10/83	27	3.079	2.901	4.17	0.	1.325	1.151	1.215	2.23	3.833	4.075
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			796.345								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/16/77-09/10/83	17	240.	495.588	2400.	10.	442993.882	665.578	20.4	30.5	745.	1640.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/16/77-09/10/83	17	2.38	2.206	3.38	1.	0.575	0.758	1.289	1.481	2.871	3.205
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			160.538								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	137	116.	294.912	3700.	0.	278604.551	527.83	0.	29.	304.5	795.8
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	137	2.064	1.817	3.568	0.	0.974	0.987	0.	1.462	2.483	2.901
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			65.586								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0425

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	186	116.	1078.28	36100.	0.	10381912.559	3222.098	0.	27.	440.	3671.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	186	2.064	1.921	4.558	0.	1.401	1.184	0.	1.427	2.643	3.565
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			83.345								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/14/77-09/10/83	30	300.	4813.733	44400.	0.	127674580.202	11299.318	7.6	130.	1656.25	16410.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/14/77-09/10/83	30	2.477	2.511	4.647	0.	1.397	1.182	0.872	2.114	3.14	4.215
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			324.249								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/16/77-09/10/83	27	100.	1042.481	12160.	0.	7813646.798	2795.29	0.	11.	170.	4720.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/16/77-09/10/83	27	2.	1.774	4.085	0.	1.364	1.168	0.	1.041	2.23	3.653
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			59.442								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	193	47.	240.446	4733.	0.	472008.863	687.029	0.	12.	174.	343.2
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	193	1.672	1.555	3.675	0.	0.887	0.942	0.	1.079	2.241	2.535
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			35.868								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0426

NPS Station ID: GATE0426 | LAT/LON: 40.538365/ -74.127642 | Agency: 11NPSWRD | Date Created: 12/28/96
Location: Great Kills Sun Bathing Beach | FIPS State/County: 36085 NEW YORK/RICHMOND
Station Type: /TYPA/AMBNT/OCEAN | STORET Station ID(s): GATE_SI-6A
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 02030104 | Depth of Water: 0 | Aquifer:
Major Basin: NORTHEAST | Elevation: 0 | Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METROPOLITAN AREA | ECO Region:
RF1 Index: 02030104 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 02030202104200.00 | RF3 Mile Point: 0.00 | Distance from RF3: 4.93 | On/Off RF3:
Description:
Station was a beach sampling site located in Great Kills Park on Staten Island. The station can be found on the USGS 7.5' Arthur Kill N.Y.-N.J. quadrangle. Most data are stored under GATE_SI-6; but in 1993 some data were collected at GK-6A Sunbathing Beach which is just to the southwest of GATE_SI-6 (GK-6). For additional information on the water quality data stored at this station; contact the Division of Natural Resources at Gateway National Recreation Area - Building 210; Fort Wadsworth; Staten Island N.Y. 10305 (tel. 718-448-5505; fax. 718-448-4015). The park produces an Annual Report summarizing each year's monitoring activities. Data processed and uploaded to STORET by Dean Tucker; NPS Water Resources Division; 1201 Oak Ridge Drive Ste. 250; Fort Collins CO 80525 (tel. 970-225-3516; fax. 970-225-9965).

Parameter Inventory for Station: GATE0426

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/30/93-08/25/93	20	14.5	89.8	1044.	0.	53776.589	231.898	0.	0.	58.75	197.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/30/93-08/25/93	20	0.731	0.974	3.019	0.	1.102	1.05	0.	0.	1.769	2.295
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			9.425								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/30/93-08/25/93	20	203.	356.7	1711.	0.	213003.168	461.523	58.	94.25	348.	1450.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/30/93-08/25/93	20	2.307	2.242	3.233	0.	0.444	0.666	1.763	1.971	2.542	3.15
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			174.605								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0426

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	20	1	0.05	18	1	0.06				2	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	20	11	0.55	18	10	0.56				2	1	0.50			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0427

NPS Station ID: GATE0427 LAT/LON: 40.536948/ -74.127781 Agency: 1111H030 Date Created: 09/20/80
Location: GREAT KILLS BEACH 100 FT OFF STATEN IS. SHORE FIPS State/County: 36085 NEW YORK/RICHMOND
Station Type: /TYPA/AMBNT/OCEAN STORET Station ID(s): SI GK /SIGK
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 02030104 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON - N.Y. METROPOLITAN AREA ECO Region:
RF1 Index: 02030104004 RF1 Mile Point: 40.210 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:

Parameter Inventory for Station: GATE0427

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/30/80-09/28/81	22	40.	69.955	280.	4.	6062.522	77.862	5.3	19.	85.	233.6
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/30/80-09/28/81	22	1.602	1.591	2.447	0.602	0.263	0.513	0.723	1.277	1.927	2.366
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			39.036								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	06/30/80-09/28/81	22	5.	9.455	70.	0.	216.926	14.728	0.3	2.	11.5	19.1
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	06/30/80-09/28/81	22	0.699	0.699	1.845	0.	0.241	0.491	0.	0.301	1.051	1.28
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			5.002								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0427

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	22	0	0.00	12	0	0.00				10	0	0.00			
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	22	0	0.00	12	0	0.00				10	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0428

NPS Station ID: GATE0428
LAT/LON: 40.544642/ -74.128476
Agency: 11NPSWRD
Date Created: 12/21/96
Location: Great Kills Marina
FIPS State/County: 36085 NEW YORK/RICHMOND
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): GATE_SI-8 /GKM-8
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METROPOLITAN AREA
ECO Region:
RF1 Index: 02030104
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
Station is located at the Great Kills Marina on Great Kills Harbor on Staten Island. The station can be found on the USGS 7.5' Arthur Kill N.Y.-N.J. quadrangle. To reach the site: Drive Hylan Blvd. south to Great Kills Park. Turn left at light and proceed to Great Kills Marina. Park at foot of Marina and proceed southwest down the left side of the boat dock to take samples. For additional information on the water quality data stored at this station; contact the Division of Natural Resources at Gateway National Recreation Area - Building 210; Fort Wadsworth; Staten Island N.Y. 10305 (tel. 718-448-5505; fax. 718-448-4015). The park produces an Annual Report summarizing each year's monitoring activities. Data processed and uploaded to STORET by Dean Tucker; NPS Water Resources Division; 1201 Oak Ridge Drive Ste. 250; Fort Collins CO 80525 (tel. 970-225-3516; fax. 970-225-9965).

Parameter Inventory for Station: GATE0428

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/30/83-08/31/92	20	23.65	23.	26.	17.5	5.913	2.432	18.65	21.325	24.95	25.79
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/27/92-08/31/92	15	24.	24.727	33.5	17.	17.798	4.219	18.8	22.	27.8	31.1
00080	COLOR (PLATINUM-COBALT UNITS)	06/02/83-08/31/83	13	25.	45.	250.	20.	3837.5	61.948	20.	25.	32.5	168.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/27/92-08/31/92	15	36300.	35133.333	39000.	27900.	12842380.952	3583.627	29580.	30900.	37900.	38940.
00300	OXYGEN, DISSOLVED MG/L	06/30/83-08/31/83	5	6.7	6.84	8.2	6.	0.873	0.934	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/07/83-08/11/83	3	97.	99.667	111.	91.	105.333	10.263	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/02/83-08/31/83	14	7.9	7.893	8.4	7.4	0.064	0.253	7.55	7.7	8.1	8.25
00403	CONVERTED PH, LAB, STANDARD UNITS	06/02/83-08/31/83	14	7.889	7.826	8.4	7.4	0.069	0.262	7.55	7.7	8.1	8.25
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/02/83-08/31/83	14	0.013	0.015	0.04	0.004	0.	0.009	0.006	0.008	0.02	0.03
00480	SALINITY - PARTS PER THOUSAND	06/09/83-08/31/92	24	24.65	24.329	32.5	17.8	8.158	2.856	20.9	22.6	25.65	27.1
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/04/83-08/31/83	4	0.013	0.022	0.062	0.	0.001	0.029	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/20/83-08/25/83	3	0.055	0.1	0.235	0.01	0.014	0.119	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/09/83-08/25/83	9	14502.	13978.667	18015.	9857.	5622846.75	2371.254	9857.	12176.5	15210.5	18015.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/26/80-08/27/96	230	58.	783.661	29400.	0.	7005221.893	2646.738	0.	12.75	295.	1817.9
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/26/80-08/27/96	230	1.763	1.743	4.468	0.	1.244	1.115	0.	1.105	2.47	3.259
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			55.363								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/02/83-09/10/83	15	49.	397.	3500.	2.	851343.714	922.683	5.	21.	130.	2180.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/02/83-09/10/83	15	1.69	1.826	3.544	0.301	0.702	0.838	0.627	1.322	2.114	3.286
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			66.977								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/02/83-09/10/83	15	23.	310.333	2400.	2.	452129.381	672.406	3.8	13.	130.	1740.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/02/83-09/10/83	15	1.362	1.654	3.38	0.301	0.751	0.867	0.54	1.114	2.114	3.22
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			45.045								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GATE0428

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/80-08/27/96	233	10.	144.77	9358.	0.	662358.767	813.854	0.	0.	56.5	210.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/80-08/27/96	233	1.	1.025	3.971	0.	0.884	0.94	0.	0.	1.752	2.318
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			10.595								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/27/92-08/17/92	4	7.735	7.328	8.89	4.95	3.131	1.769	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/04/83-08/31/83	4	0.	0.051	0.203	0.	0.01	0.102	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0428

				Total	Exceed	Prop.	----------8/01-10/31----------			----------11/01-3/31----------			----------4/01-7/31----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	5	0	0.00	3	0	0.00				2	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	14	0	0.00	5	0	0.00				9	0	0.00			
		Other-Lo Lim.	6.5	14	0	0.00	5	0	0.00				9	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	230	35	0.15	75	12	0.16				155	23	0.15			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	15	2	0.13	6	0	0.00				9	2	0.22			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	15	3	0.20	6	1	0.17				9	2	0.22			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	233	23	0.10	76	3	0.04				157	20	0.13			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1980 - Station GATE0428

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/26/80-08/27/96	9	33.	303.	1889.	0.	375462.5	612.75	0.	1.5	356.5	1889.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/26/80-08/27/96	9	1.519	1.505	3.276	0.	1.38	1.175	0.	0.239	2.551	3.276
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			31.965								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/80-08/27/96	9	0.	10.	44.	0.	226.25	15.042	0.	0.	17.5	44.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/80-08/27/96	9	0.	0.571	1.643	0.	0.486	0.697	0.	0.	1.228	1.643
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.726								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station GATE0428

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/26/80-08/27/96	12	13.5	42.25	260.	0.	5498.386	74.151	0.	4.	41.5	212.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/26/80-08/27/96	12	1.073	1.108	2.415	0.	0.559	0.748	0.	0.569	1.617	2.29
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			12.813								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/80-08/27/96	13	17.	44.538	320.	0.	7272.603	85.28	0.	5.	41.	220.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/80-08/27/96	13	1.23	1.157	2.505	0.	0.521	0.722	0.	0.661	1.611	2.241
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			14.346								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station GATE0428

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/26/80-08/27/96	15	50.	62.733	228.	2.	4034.495	63.518	5.	13.	80.	195.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/26/80-08/27/96	15	1.699	1.546	2.358	0.301	0.309	0.556	0.627	1.114	1.903	2.286
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			35.17								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/80-08/27/96	15	27.	65.933	533.	0.	17811.638	133.46	0.	7.	60.	286.4
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/80-08/27/96	15	1.431	1.296	2.727	0.	0.553	0.744	0.	0.845	1.778	2.343
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			19.748								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station GATE0428

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/26/80-08/27/96	15	77.	293.733	1260.	10.	175157.352	418.518	14.2	36.	420.	1224.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/26/80-08/27/96	15	1.886	2.037	3.1	1.	0.441	0.664	1.138	1.556	2.623	3.088
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			108.784								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/80-08/27/96	15	31.	151.633	960.	3.5	76924.374	277.352	7.4	12.	120.	757.2
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/80-08/27/96	15	1.491	1.638	2.982	0.544	0.467	0.683	0.818	1.079	2.079	2.869
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			43.492								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GATE0428

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/26/80-08/27/96	14	1353.	1995.929	6833.	100.	4346502.225	2084.827	115.	437.5	2958.5	6283.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/26/80-08/27/96	14	3.127	3.035	3.835	2.	0.312	0.559	2.057	2.64	3.469	3.796
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1083.708								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station GATE0428

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/80-08/27/96	14	34.	72.857	370.	5.	10182.286	100.907	5.	8.75	96.5	273.5
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/80-08/27/96	14	1.531	1.504	2.568	0.699	0.362	0.601	0.699	0.941	1.968	2.408
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			31.915								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station GATE0428

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/26/80-08/27/96	13	1833.	3370.769	6666.	457.	6471339.859	2543.883	674.2	1300.5	6666.	6666.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/26/80-08/27/96	13	3.263	3.386	3.824	2.66	0.151	0.388	2.796	3.109	3.824	3.824
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2432.792								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/80-08/27/96	14	8.	16.071	76.	0.	417.302	20.428	1.	2.	26.25	54.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/80-08/27/96	14	0.9	0.901	1.881	0.	0.314	0.561	0.151	0.301	1.418	1.693
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			7.97								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station GATE0428

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/26/80-08/27/96	14	9.5	19.857	91.	0.	700.132	26.46	0.	0.	28.25	72.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/26/80-08/27/96	14	0.962	0.874	1.959	0.	0.505	0.711	0.	0.	1.432	1.842
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			7.479								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/80-08/27/96	14	4.5	18.071	158.	0.	1700.225	41.234	0.	0.	17.75	92.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/80-08/27/96	14	0.573	0.682	2.199	0.	0.492	0.702	0.	0.	1.244	1.807
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4.811								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GATE0428

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/26/80-08/27/96	14	72.5	178.571	1023.	19.	69578.264	263.777	21.	27.25	265.25	656.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/26/80-08/27/96	14	1.827	1.929	3.01	1.279	0.29	0.539	1.32	1.435	2.423	2.735
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			84.958								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/80-08/27/96	14	27.	61.071	234.	0.	5864.379	76.579	0.	2.	131.75	201.5
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/80-08/27/96	14	1.374	1.23	2.369	0.	0.752	0.867	0.	0.301	2.119	2.299
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			16.992								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GATE0428

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/26/80-08/27/96	14	154.	265.571	1396.	0.	140163.956	374.385	5.5	48.75	287.5	1048.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/26/80-08/27/96	14	2.183	2.006	3.145	0.	0.617	0.785	0.521	1.688	2.449	2.995
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			101.337								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/80-08/27/96	14	33.	84.857	378.	0.	11063.209	105.182	1.	9.75	137.25	277.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/80-08/27/96	14	1.493	1.486	2.577	0.	0.6	0.775	0.151	0.976	2.137	2.412
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			30.654								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0428

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/26/80-08/27/96	13	1682.	5643.692	29400.	11.	77387154.897	8796.997	11.	71.5	6829.5	25010.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/26/80-08/27/96	13	3.226	2.916	4.468	1.041	1.405	1.185	1.041	1.82	3.834	4.387
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			824.719								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/80-08/27/96	15	290.	944.867	9358.	0.	5698721.267	2387.199	0.	0.	435.	5030.8
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/80-08/27/96	15	2.462	1.911	3.971	0.	1.704	1.305	0.	0.	2.638	3.587
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			81.432								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0428

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/26/80-08/27/96	15	232.	614.2	6000.	0.	2267589.886	1505.852	0.	29.	406.	2835.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/26/80-08/27/96	15	2.365	2.045	3.778	0.	1.018	1.009	0.	1.462	2.609	3.227
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			111.03								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/80-08/27/96	14	0.5	1.857	6.	0.	5.209	2.282	0.	0.	4.25	5.5
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/80-08/27/96	14	0.	0.254	0.778	0.	0.105	0.323	0.	0.	0.626	0.739
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.795								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0428

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/26/80-08/27/96	15	29.	31.6	100.	0.	1553.543	39.415	0.	0.	58.	100.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/26/80-08/27/96	15	1.462	0.908	2.	0.	0.808	0.899	0.	0.	1.763	2.
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			8.082								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/80-08/27/96	15	29.	66.6	290.	0.	8636.971	92.935	0.	0.	100.	272.6
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/80-08/27/96	15	1.462	1.144	2.462	0.	1.01	1.005	0.	0.	2.	2.435
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			13.929								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0428

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/26/80-08/27/96	15	29.	106.333	696.	0.	36603.524	191.32	0.	0.	87.	487.2
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/26/80-08/27/96	15	1.462	1.108	2.843	0.	1.258	1.121	0.	0.	1.94	2.662
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			12.819								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/80-08/27/96	15	0.	19.333	87.	0.	800.952	28.301	0.	0.	29.	69.6
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/80-08/27/96	15	0.	0.657	1.94	0.	0.709	0.842	0.	0.	1.462	1.834
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4.538								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station GATE0428

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/26/80-08/27/96	14	29.	111.643	609.	0.	33709.478	183.601	0.	29.	93.5	522.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/26/80-08/27/96	14	1.462	1.535	2.785	0.	0.632	0.795	0.	1.462	1.898	2.712
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			34.264								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station GATE0428

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/80-08/27/96	14	0.	31.071	232.	0.	4459.148	66.777	0.	0.	36.25	174.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/80-08/27/96	14	0.	0.547	2.365	0.	0.84	0.916	0.	0.	1.538	2.215
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.522								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station GATE0428

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/26/80-08/27/96	11	40.	102.545	410.	0.	17506.873	132.314	0.	0.	203.	374.2
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/26/80-08/27/96	11	1.602	1.308	2.613	0.	1.178	1.085	0.	0.	2.307	2.563
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			20.312								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/80-08/27/96	11	4.	24.727	87.	0.	995.418	31.55	0.	0.	53.	82.8
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/80-08/27/96	11	0.602	0.824	1.94	0.	0.738	0.859	0.	0.	1.724	1.916
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			6.671								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station GATE0428

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/26/80-08/27/96	14	29.	401.857	2900.	0.	909425.978	953.638	0.	0.	65.25	2639.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/26/80-08/27/96	14	1.462	1.401	3.462	0.	1.275	1.129	0.	0.	1.807	3.419
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			25.189								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/80-08/27/96	14	14.5	712.571	7685.	0.	4269267.187	2066.221	0.	0.	101.5	4770.5
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/80-08/27/96	14	0.731	1.108	3.886	0.	1.802	1.342	0.	0.	1.723	3.577
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			12.814								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

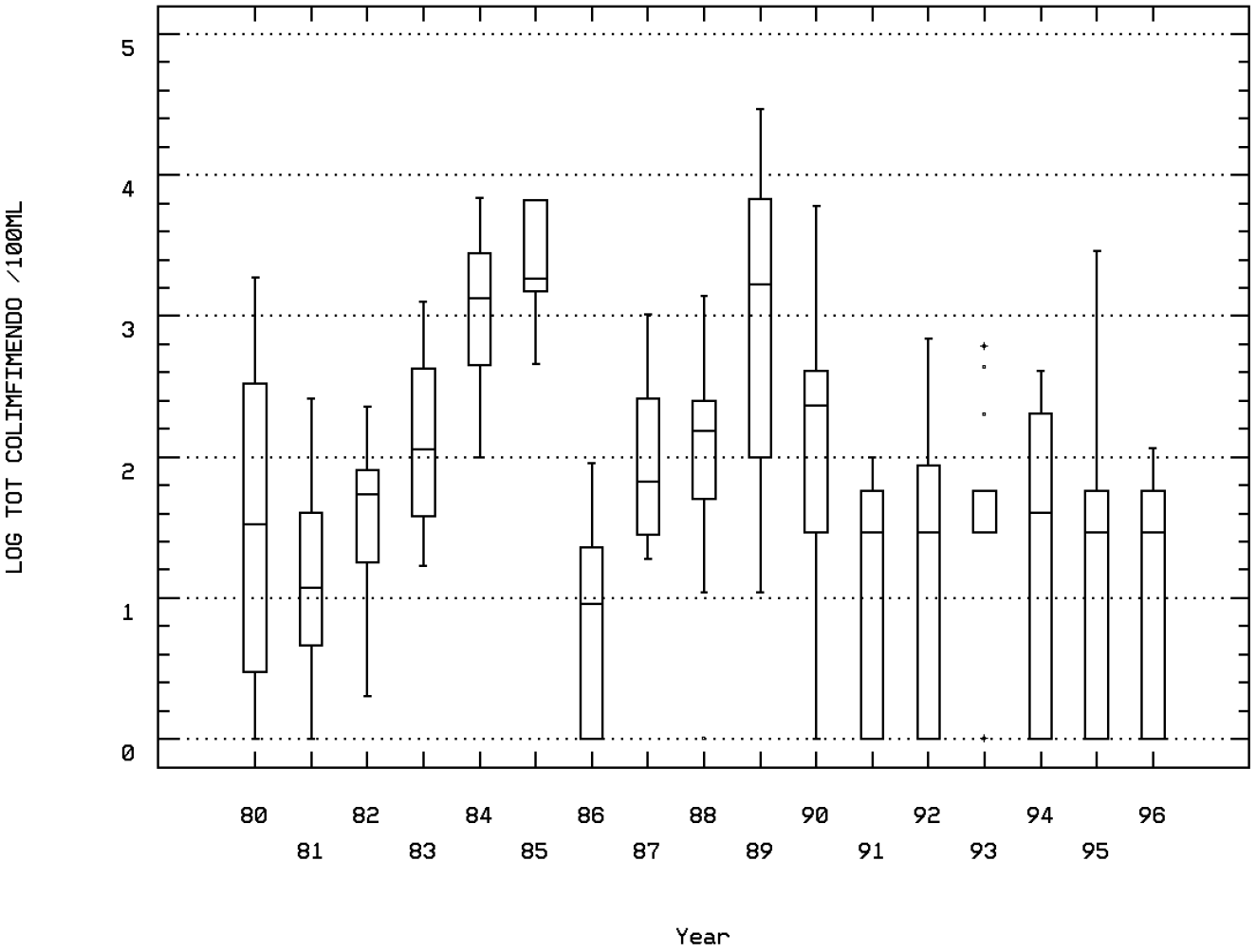
Annual Analysis for 1996 - Station GATE0428

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/26/80-08/27/96	13	29.	33.462	116.	0.	1520.269	38.991	0.	0.	58.	104.4
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/26/80-08/27/96	13	1.462	0.94	2.064	0.	0.845	0.919	0.	0.	1.763	2.014
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			8.708								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/80-08/27/96	13	0.	6.692	87.	0.	582.231	24.129	0.	0.	0.	52.2
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/80-08/27/96	13	0.	0.149	1.94	0.	0.289	0.538	0.	0.	0.	1.164
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.41								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: GATE0428 Parameter Code: 31501

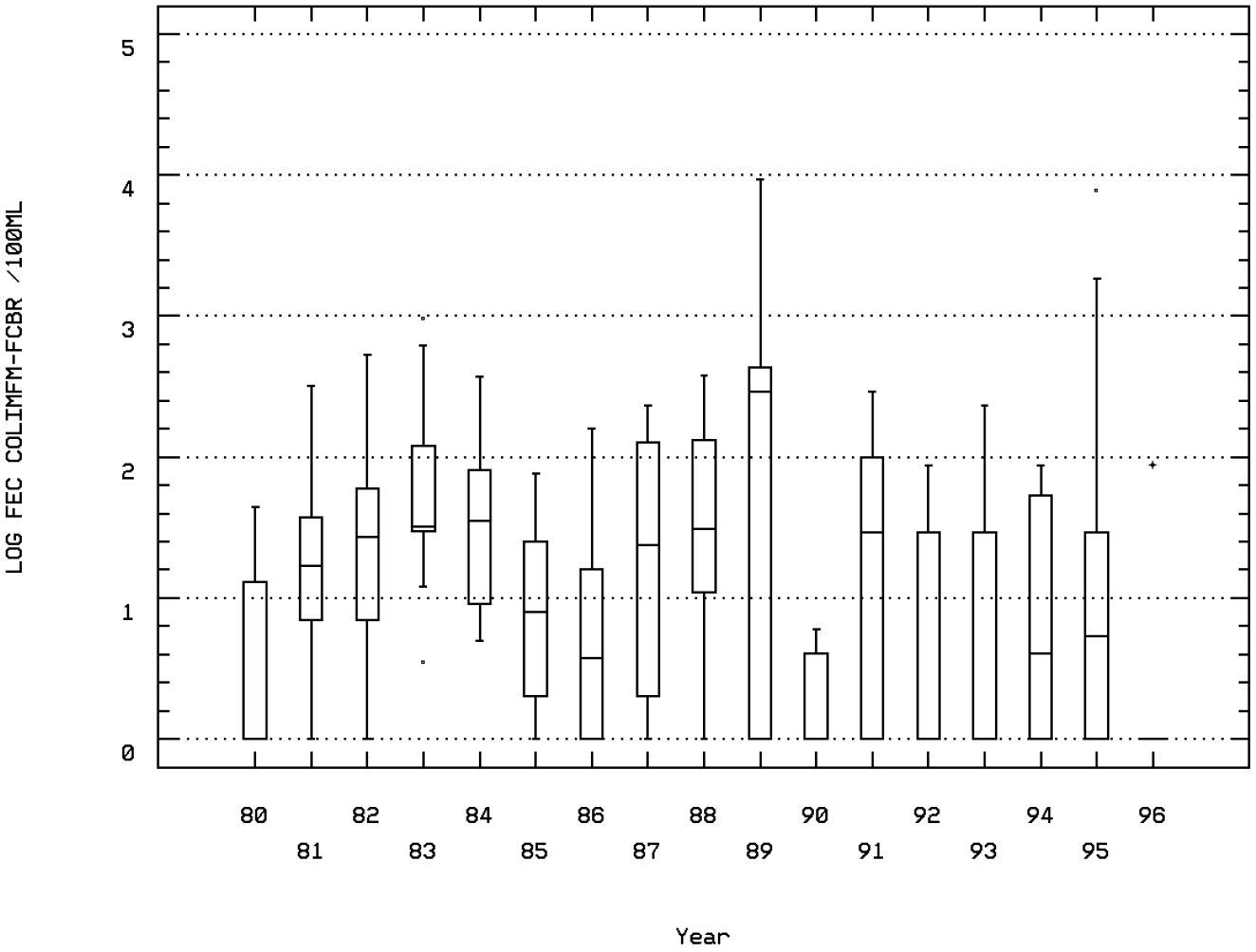
LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.



Great Kills Marina

Station: GATE0428 Parameter Code: 31616

LOG FECAL COLIFORM,MEMBR FILTER,M-FC BR



Great Kills Marina

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0428

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/26/80-08/27/96	75	77.	798.973	18425.	0.	5941200.675	2437.458	0.	20.	284.	1839.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/26/80-08/27/96	75	1.886	1.842	4.265	0.	1.174	1.084	0.	1.301	2.453	3.265
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			69.556								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/80-08/27/96	76	10.5	48.763	960.	0.	15034.503	122.615	0.	0.	44.	125.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/80-08/27/96	76	1.021	0.974	2.982	0.	0.726	0.852	0.	0.	1.643	2.097
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			9.428								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0428

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/26/80-08/27/96	155	50.	776.252	29400.	0.	7561823.826	2749.877	0.	11.	313.	1676.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/26/80-08/27/96	155	1.699	1.695	4.468	0.	1.279	1.131	0.	1.041	2.496	3.222
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			49.575								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/80-08/27/96	157	10.	191.245	9358.	0.	971153.967	985.471	0.	0.	58.	291.4
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/80-08/27/96	157	1.	1.05	3.971	0.	0.964	0.982	0.	0.	1.763	2.464
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			11.211								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0429

NPS Station ID: GATE0429
LAT/LON: 40.541670/ -74.131948
Agency: 21NYDECB
Date Created: 03/30/96
Location: Great Kills Harbor
FIPS State/County: 36085 NEW YORK/RICHMOND
Station Type: /TYPA/AMBNT/ESTURY/NET
STORET Station ID(s): 1701B901
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id: NY00000 Great Kills Harb
Minor Basin: L.HUDSON - NYC
ECO Region:
RF1 Index: 02030104
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0429

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GATE0430

NPS Station ID: GATE0430 LAT/LON: 40.521671/ -74.132226 Agency: 31ISC2RS Date Created: 01/04/86
Location: LOWER NEW YORK BAY FIPS State/County: 36085 NEW YORK/RICHMOND
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): LB-09 /LB09 /3409 /SS-22
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02030104 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METROPOLITAN AREA ECO Region:
RF1 Index: 02030104 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:
WEST SIDE OF FL 4 SEC 27 FT 6M BUOY APPROXIMATELY 1000 YARDS OFF CROOKES POINT AT GREAT KILLS ON STATEN ISLAND

Parameter Inventory for Station: GATE0430

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/08/82-09/28/83	5	170.	184.	330.	20.	20680.	143.805	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/08/82-09/28/83	5	2.23	2.083	2.519	1.301	0.267	0.517	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			120.982								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/82-09/28/83	5	20.	26.	50.	10.	330.	18.166	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/82-09/28/83	5	1.301	1.32	1.699	1.	0.107	0.327	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			20.913								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0430

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	5	0	0.00	2	0	0.00				3	0	0.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	5	0	0.00	2	0	0.00				3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0431

NPS Station ID: GATE0431 LAT/LON: 40.527420/ -74.137281 Agency: 11NYCOR Date Created: 09/08/79
Location: GREAT KILLS HARBOR CHNL.SOUTH OF CROOKES PT.NY. FIPS State/County: 36085 NEW YORK/RICHMOND
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): NYCOR390
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02030104 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METRO AREA ECO Region:
RF1 Index: 02030104004 RF1 Mile Point: 38.760 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:
NEW YORK CORPS OF ENGINEERS DREDGING STUDIES

Parameter Inventory for Station: GATE0431

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	12/15/71-12/16/71	2	260.	260.	308.5	211.5	4704.5	68.589	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	12/15/71-12/16/71	2	180.05	180.05	230.4	129.7	5070.245	71.206	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	12/15/71-12/16/71	2	0.65	0.65	0.8	0.5	0.045	0.212	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GATE0432

NPS Station ID: GATE0432
LAT/LON: 40.530087/ -74.137671
Agency: 11NPSWRD
Date Created: 12/21/96
Location: Crooke's Point
FIPS State/County: 36085 NEW YORK/RICHMOND
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): GATE_SI-7 /CP-7
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02030104
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METROPOLITAN AREA
ECO Region:
RF1 Index: 02030104
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:
Station is located at Crooke's Point on Staten Island. The station can be found on the USGS 7.5' Arthur Kill N.Y.-N.J. quadrangle. To reach the site: Make right out of Marina and follow road to Crooke's Point. Park vehicle at far end of Crooke's Point parking lot and proceed southwest down to the shore to take samples. For additional information on the water quality data stored at this station; contact the Division of Natural Resources at Gateway National Recreation Area - Building 210; Fort Wadsworth; Staten Island N.Y. 10305 (tel. 718-448-5505; fax. 718-448-4015). The park produces an Annual Report summarizing each year's monitoring activities. Data processed and uploaded to STORET by Dean Tucker; NPS Water Resources Division; 1201 Oak Ridge Drive Ste. 250; Fort Collins CO 80525 (tel. 970-225-3516; fax. 970-225-9965).

Parameter Inventory for Station: GATE0432

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/30/83-08/31/92	20	23.	22.42	26.	17.5	5.329	2.308	18.65	20.625	24.	25.81
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/27/92-08/31/92	15	21.	21.587	29.4	15.	17.997	4.242	15.	19.	23.5	29.4
00080	COLOR (PLATINUM-COBALT UNITS)	06/02/83-08/31/83	13	30.	29.615	40.	15.	56.09	7.489	17.	25.	35.	40.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/27/92-08/31/92	15	36700.	35926.667	40400.	28600.	11460666.667	3385.361	30280.	33300.	38800.	39680.
00300	OXYGEN, DISSOLVED MG/L	06/30/83-08/31/83	5	7.4	7.5	9.6	5.6	2.16	1.47	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/07/83-08/11/83	3	95.	102.667	137.	76.	974.333	31.214	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/02/83-08/31/83	14	7.8	7.821	8.6	7.5	0.073	0.269	7.55	7.675	7.9	8.35
00403	CONVERTED PH, LAB, STANDARD UNITS	06/02/83-08/31/83	14	7.8	7.765	8.6	7.5	0.076	0.276	7.55	7.675	7.9	8.35
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/02/83-08/31/83	14	0.016	0.017	0.032	0.003	0.	0.007	0.005	0.013	0.021	0.028
00480	SALINITY - PARTS PER THOUSAND	06/09/83-08/31/92	23	25.4	25.013	29.	18.8	5.858	2.42	21.48	23.7	26.5	28.26
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/04/83-08/31/83	4	0.078	0.076	0.15	0.	0.004	0.062	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/20/83-08/25/83	3	0.135	0.145	0.215	0.085	0.004	0.066	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/09/83-08/18/83	8	14670.	14345.	18184.	10424.	5463364.857	2337.384	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	238	57.	707.239	28300.	0.	5651973.837	2377.388	0.	8.5	216.25	2001.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	238	1.756	1.668	4.452	0.	1.263	1.124	0.	0.927	2.335	3.301
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			46.593								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/02/83-09/10/83	15	33.	72.667	540.	5.	18196.667	134.895	6.2	11.	79.	294.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/02/83-09/10/83	15	1.519	1.475	2.732	0.699	0.31	0.557	0.787	1.041	1.898	2.361
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			29.858								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/02/83-09/10/83	15	14.	59.	540.	2.	18564.857	136.253	2.	5.	33.	282.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/02/83-09/10/83	15	1.146	1.227	2.732	0.301	0.427	0.654	0.301	0.699	1.519	2.318
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			16.853								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: GATE0432

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	241	13.	101.797	10200.	0.	453147.213	673.162	0.	0.	58.	144.8
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	241	1.114	1.035	4.009	0.	0.799	0.894	0.	0.	1.763	2.161
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			10.833								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/27/92-08/17/92	4	10.545	9.827	11.44	6.78	4.646	2.156	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/04/83-08/31/83	4	0.049	0.052	0.112	0.	0.004	0.061	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0432

				Total	Exceed	Prop.	----------8/01-10/31----------			----------11/01-3/31----------			----------4/01-7/31----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	5	0	0.00	3	0	0.00				2	0	0.00			
00403	PH, LAB	Other-Hi Lim.	8.5	14	1	0.07	5	0	0.00				9	1	0.11			
		Other-Lo Lim.	6.5	14	0	0.00	5	0	0.00				9	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	238	33	0.14	76	12	0.16				162	21	0.13			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	15	0	0.00	6	0	0.00				9	0	0.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	15	1	0.07	6	0	0.00				9	1	0.11			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	241	19	0.08	77	12	0.16				164	7	0.04			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1980 - Station GATE0432

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	10	10.	247.5	2322.	0.	531884.056	729.304	0.	0.	58.	2096.5
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	10	1.	0.997	3.366	0.	1.203	1.097	0.	0.	1.762	3.212
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			9.94								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	10	0.	6.5	44.	0.	188.056	13.713	0.	0.	8.	40.7
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	10	0.	0.401	1.643	0.	0.347	0.589	0.	0.	0.894	1.583
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.516								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station GATE0432

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	12	50.	50.083	147.	5.	2276.083	47.708	5.6	8.5	62.25	142.8
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	12	1.699	1.467	2.167	0.699	0.265	0.515	0.743	0.912	1.794	2.154
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			29.331								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	13	20.	69.385	375.	0.	12141.256	110.187	1.2	5.	77.5	315.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	13	1.301	1.328	2.574	0.	0.583	0.764	0.191	0.661	1.889	2.485
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			21.297								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station GATE0432

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	15	55.	69.267	187.	0.	2356.781	48.547	19.8	42.	83.	172.6
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	15	1.74	1.691	2.272	0.	0.264	0.514	0.911	1.623	1.919	2.236
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			49.052								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	15	10.	22.733	128.	0.	1398.638	37.398	1.2	5.	17.	109.4
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	15	1.	0.976	2.107	0.	0.334	0.578	0.181	0.699	1.23	2.035
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			9.456								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station GATE0432

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	15	45.	152.333	1350.	10.	113431.238	336.796	16.	26.	86.	666.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	15	1.653	1.773	3.13	1.	0.266	0.516	1.181	1.415	1.934	2.645
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			59.359								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	15	30.	97.333	810.	5.	41185.095	202.941	5.	13.	76.	423.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	15	1.477	1.545	2.908	0.699	0.344	0.587	0.699	1.114	1.881	2.494
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			35.109								

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Annual Analysis for 1984 - Station GATE0432

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	13	1173.	1574.846	3262.	260.	1186491.641	1089.262	300.	620.5	2683.5	3210.4
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	13	3.069	3.074	3.513	2.415	0.135	0.368	2.472	2.788	3.426	3.506
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1185.262								

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Annual Analysis for 1984 - Station GATE0432

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	14	30.	61.357	200.	7.	4137.17	64.321	7.	10.	91.	195.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	14	1.477	1.549	2.301	0.845	0.248	0.498	0.845	1.	1.958	2.29
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			35.402								

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Annual Analysis for 1985 - Station GATE0432

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	14	4900.	4233.714	6667.	800.	6397610.681	2529.35	856.5	1474.75	6666.	6666.5
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	14	3.683	3.518	3.824	2.903	0.125	0.354	2.932	3.168	3.824	3.824
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3294.309								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	14	4.	15.714	100.	0.	938.527	30.635	0.	0.	12.25	86.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	14	0.602	0.649	2.	0.	0.461	0.679	0.	0.	1.082	1.929
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4.456								

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Annual Analysis for 1986 - Station GATE0432

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	14	1.	3.143	9.	0.	13.516	3.676	0.	0.	7.	9.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	14	0.151	0.378	0.954	0.	0.178	0.422	0.	0.	0.845	0.954
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.39								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	14	6.	15.143	70.	0.	414.286	20.354	0.	1.5	24.25	57.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	14	0.772	0.812	1.845	0.	0.398	0.631	0.	0.226	1.383	1.744
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			6.486								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station GATE0432

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	14	66.5	102.643	462.	0.	17382.093	131.841	0.	6.5	124.75	369.5
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	14	1.823	1.537	2.665	0.	0.717	0.847	0.	0.809	2.062	2.554
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			34.466								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	14	16.5	44.	322.	0.	6899.231	83.062	1.	4.25	45.75	199.5
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	14	1.217	1.169	2.508	0.	0.48	0.693	0.151	0.599	1.659	2.197
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			14.769								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station GATE0432

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	20	105.	472.65	5400.	13.	1417279.292	1190.495	14.3	39.	378.25	1011.5
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	20	2.006	2.065	3.732	1.114	0.494	0.703	1.155	1.591	2.576	3.002
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			116.093								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	21	95.	167.238	790.	0.	55861.09	236.35	0.	3.	218.	671.8
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	21	1.978	1.547	2.898	0.	1.056	1.028	0.	0.389	2.329	2.825
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			35.268								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station GATE0432

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	15	539.	3862.6	28300.	0.	57112461.971	7557.279	34.8	121.	4422.	17591.2
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	15	2.732	2.728	4.452	0.	1.238	1.112	1.058	2.083	3.646	4.192
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			534.005								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	15	58.	855.2	10200.	0.	6914811.886	2629.603	0.	11.	87.	5228.4
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	15	1.763	1.714	4.009	0.	1.08	1.039	0.	1.041	1.94	3.573
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			51.787								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station GATE0432

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	15	58.	147.467	733.	0.	43251.552	207.97	0.	29.	145.	606.4
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	15	1.763	1.637	2.865	0.	0.871	0.933	0.	1.462	2.161	2.777
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			43.364								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	15	0.	23.2	116.	0.	1465.743	38.285	0.	0.	58.	98.6
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	15	0.	0.6	2.064	0.	0.785	0.886	0.	0.	1.763	1.989
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.977								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station GATE0432

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	15	0.	68.8	700.	0.	33646.314	183.429	0.	0.	29.	401.8
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	15	0.	0.574	2.845	0.	1.044	1.022	0.	0.	1.462	2.523
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.753								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	15	29.	92.	400.	0.	13480.714	116.106	0.	29.	200.	299.2
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	15	1.462	1.478	2.602	0.	0.742	0.861	0.	1.462	2.301	2.46
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			30.069								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station GATE0432

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	15	29.	431.133	2465.	0.	731053.267	855.017	0.	0.	58.	2186.6
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	15	1.462	1.327	3.392	0.	1.654	1.286	0.	0.	1.763	3.337
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			21.232								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	15	0.	25.133	232.	0.	3588.267	59.902	0.	0.	29.	127.6
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	15	0.	0.568	2.365	0.	0.735	0.857	0.	0.	1.462	2.004
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.696								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station GATE0432

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	14	29.	58.071	348.	0.	8539.456	92.409	0.	0.	73.25	232.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	14	1.462	1.147	2.542	0.	0.875	0.935	0.	0.	1.844	2.303
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			14.02								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station GATE0432

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	14	0.	18.643	116.	0.	1243.016	35.256	0.	0.	36.25	87.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	14	0.	0.504	2.064	0.	0.697	0.835	0.	0.	1.538	1.914
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.19								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station GATE0432

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	11	33.	39.273	215.	0.	3759.218	61.312	0.	0.	33.	183.2
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	11	1.519	1.056	2.332	0.	0.759	0.871	0.	0.	1.519	2.216
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			11.379								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	11	0.	17.727	93.	0.	1084.418	32.931	0.	0.	36.	87.6
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	11	0.	0.486	1.968	0.	0.701	0.837	0.	0.	1.556	1.939
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.061								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station GATE0432

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	13	29.	80.308	406.	0.	18103.064	134.548	0.	0.	72.5	382.8
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	13	1.462	1.243	2.609	0.	0.894	0.946	0.	0.	1.851	2.582
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			17.517								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	13	0.	33.462	145.	0.	2080.936	45.617	0.	0.	58.	121.8
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	13	0.	0.835	2.161	0.	0.903	0.95	0.	0.	1.763	2.073
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			6.837								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

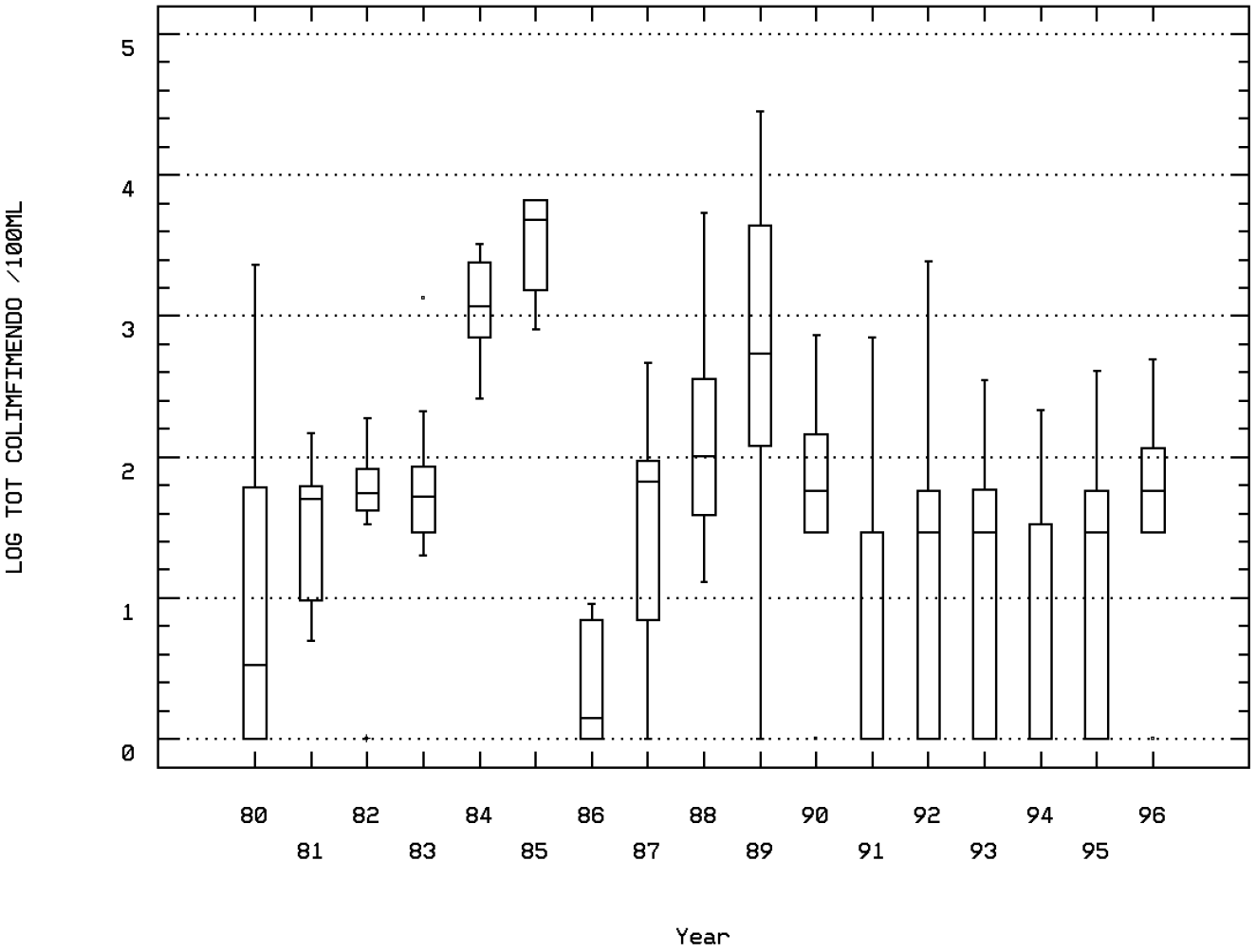
Annual Analysis for 1996 - Station GATE0432

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	13	58.	100.385	493.	0.	16345.59	127.85	11.6	29.	130.5	365.4
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	13	1.763	1.72	2.693	0.	0.391	0.626	0.585	1.462	2.113	2.512
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			52.514								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	13	0.	40.154	261.	0.	5541.974	74.444	0.	0.	43.5	203.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	13	0.	0.818	2.417	0.	0.911	0.954	0.	0.	1.613	2.276
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			6.574								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: GATE0432 Parameter Code: 31501

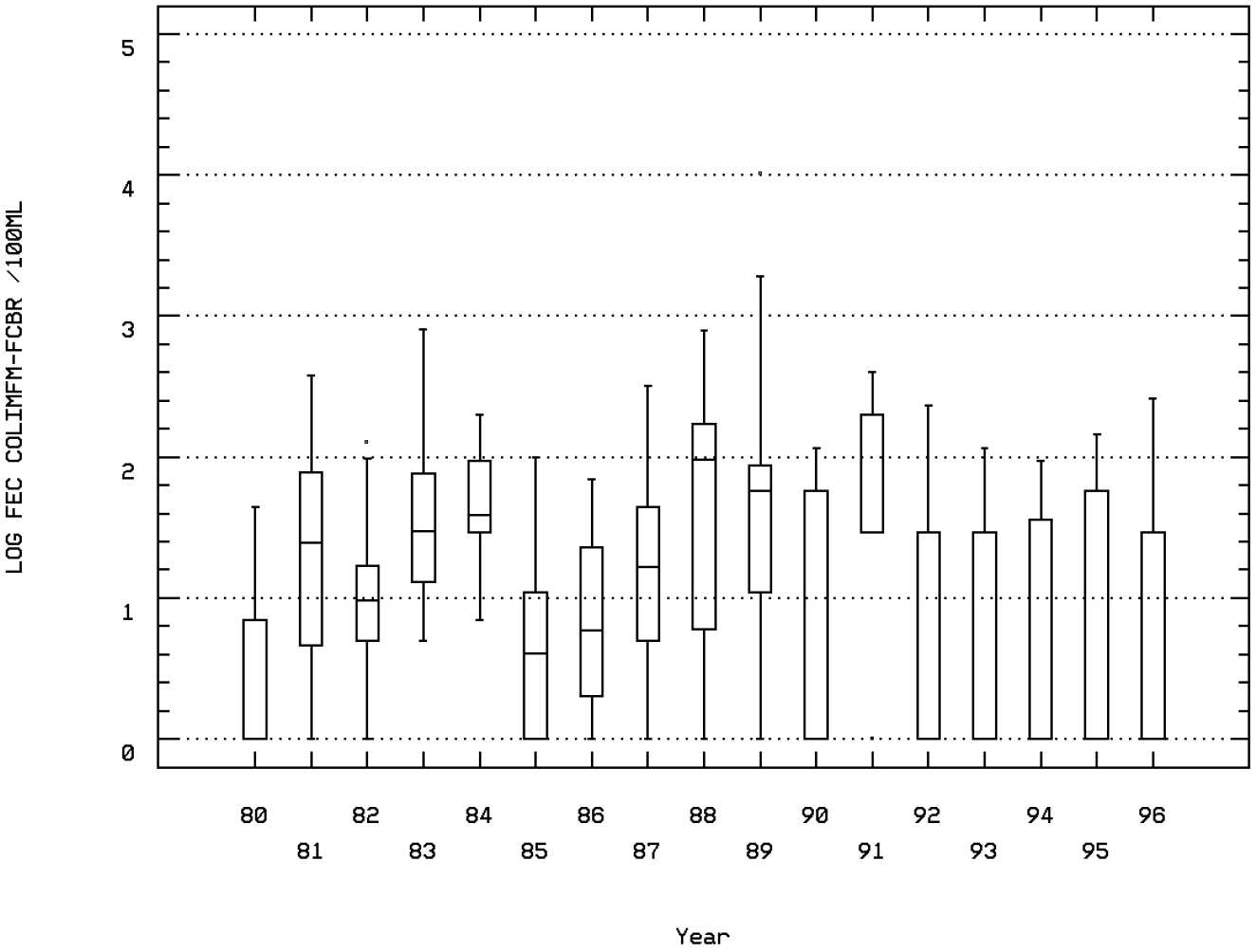
LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.



Crooke's Point

Station: GATE0432 Parameter Code: 31616

LOG FECAL COLIFORM,MEMBR FILTER,M-FC BR



Crooke's Point

Seasonal Analysis for Season #1: 8/01 to 10/31 - Station GATE0432

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	76	58.	819.763	10452.	0.	4200598.183	2049.536	0.	17.	218.75	2826.3
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	76	1.763	1.763	4.019	0.	1.299	1.14	0.	1.201	2.34	3.451
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			57.904								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	77	18.	102.247	1914.	0.	68862.978	262.418	0.	0.	70.5	323.6
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	77	1.255	1.112	3.282	0.	0.958	0.979	0.	0.	1.847	2.51
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			12.941								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station GATE0432

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/19/80-08/27/96	162	54.	654.451	28300.	0.	6354405.069	2520.795	0.	7.	218.75	1657.6
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/19/80-08/27/96	162	1.732	1.624	4.452	0.	1.248	1.117	0.	0.845	2.339	3.219
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			42.076								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	164	11.5	101.585	10200.	0.	635102.588	796.933	0.	0.	58.	116.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/27/96	164	1.06	0.999	4.009	0.	0.726	0.852	0.	0.	1.763	2.064
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			9.966								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: GATE0433

NPS Station ID: GATE0433
Location: RARITAN BAY
Station Type: /TYPA/AMBNT/ESTURY
RMI-Indexes:
RMI-Miles:
HUC: 02030104
Major Basin: SURF ZONE-GREAT KILLS PK
Minor Basin: NEAR NYC DEPT HEALTH PDCP1
RF1 Index: 02030104004
RF3 Index: 02030202104200.00
Description:

LAT/LON: 40.529170/ -74.137503
Depth of Water: 3
Elevation: 0
RF1 Mile Point: 38.760
RF3 Mile Point: 0.00

Agency: REGII208
FIPS State/County: 36085 NEW YORK/RICHMOND
STORET Station ID(s): NYC001B7 /B7
Within Park Boundary: Yes
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 4.93

Date Created: 05/25/78
On/Off RF1: OFF
On/Off RF3:

Parameter Inventory for Station: GATE0433

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00310	BOD, 5 DAY, 20 DEG C MG/L	04/22/77-06/05/77	21	4.6	4.576	7.4	1.9	2.193	1.481	2.28	3.55	5.6	7.1
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/01/77-07/15/77	16	99.5	100.5	105.	95.	9.067	3.011	96.4	98.25	103.	105.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	04/22/77-06/05/77	21	136.	210.81	1020.	23.	61107.462	247.199	25.4	46.5	255.	657.2
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/22/77-07/15/77	38	475.	1929.474	17000.	20.	12428432.148	3525.398	137.	230.	1700.	4900.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/22/77-07/15/77	38	2.676	2.813	4.23	1.301	0.407	0.638	2.136	2.362	3.23	3.69
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			649.563								
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	04/22/77-07/15/77	38	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	04/22/77-07/15/77	38	0.699	0.699	0.699	0.699	0.	0.	0.699	0.699	0.699	0.699
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			5.								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	04/22/77-07/15/77	36	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	04/22/77-07/15/77	36	0.699	0.699	0.699	0.699	0.	0.	0.699	0.699	0.699	0.699
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			5.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/22/77-07/15/77	36	130.	460.	4900.	20.	989874.286	994.924	20.	20.	230.	1420.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/22/77-07/15/77	36	2.114	2.065	3.69	1.301	0.482	0.694	1.301	1.301	2.362	3.149
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			116.067								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0433

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	38	13	0.34							38	13	0.34			
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	38	0	0.00							38	0	0.00			
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	36	0	0.00							36	0	0.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	36	11	0.31							36	11	0.31			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0434

NPS Station ID: GATE0434 LAT/LON: 40.537253/ -74.137865 Agency: 11NYCOR Date Created: 09/08/79
Location: GREAT KILLS HARBOR NORTH OF CROOKES PT.NY. FIPS State/County: 36085 NEW YORK/RICHMOND
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): NYCOR391
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02030104 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON-NEW YORK METRO AREA ECO Region:
RF1 Index: 02030104004 RF1 Mile Point: 39.150 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:
NEW YORK CORPS OF ENGINEERS DREDGING STUDIES

Parameter Inventory for Station: GATE0434

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	12/15/71-12/16/71	2	240.25	240.25	266.7	213.8	1399.205	37.406	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	12/15/71-12/16/71	2	224.9	224.9	256.	193.8	1934.42	43.982	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	12/15/71-12/16/71	2	0.4	0.4	0.7	0.1	0.18	0.424	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GATE0435

NPS Station ID: GATE0435 | LAT/LON: 40.522226/ -74.145838 | Agency: 11NOAMID | Date Created: 11/16/78
Location: RARITAN BAY | FIPS State/County: 36085 NEW YORK/RICHMOND
Station Type: /TYPA/AMBNT/OCEAN | STORET Station ID(s): RARB42
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 02030104 | Depth of Water: 0 | Aquifer:
Major Basin: NORTHEAST | Elevation: 0 | Water Body Id:
Minor Basin: LOWER HUDSON NEW YORK METRO AREA | ECO Region:
RF1 Index: 02030104004 | RF1 Mile Point: 38.120 | Distance from RF1: 0.00 | On/Off RF1: OFF
RF3 Index: 02030202104200.00 | RF3 Mile Point: 0.00 | Distance from RF3: 4.93 | On/Off RF3:
Description:
TRACE METALS IN SEDIMENTS OF RARITAN BAY - GREIG AND MCGRATH - NOAA NATL MAR FISH SERV - MID ATLANTIC COAST FISH CEN MILFORD CT 1973
MARINE POLLUTION BULLETIN VOL 8 NO 8 AUG 1977

Parameter Inventory for Station: GATE0435

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/01/73-05/01/73	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/01/73-05/01/73	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	05/01/73-05/01/73	1	14.	14.	14.	14.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	05/01/73-05/01/73	1	18.	18.	18.	18.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/01/73-05/01/73	1	4.6	4.6	4.6	4.6	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	05/01/73-05/01/73	1	36.	36.	36.	36.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GATE0436

NPS Station ID: GATE0436
LAT/LON: 40.523615/ -74.148616
Agency: 1111H030
Date Created: / /
Location: RARITAN BAY (42)
FIPS State/County: 36085 NEW YORK/RICHMOND
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): 403125007408550/042
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030104
Depth of Water: 6
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-N.Y. METROPOLI
ECO Region:
RF1 Index: 02030104
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0436

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/16/63-08/11/64	5	16.9	14.08	25.	2.	106.037	10.297	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/16/63-08/11/64	4	19.	17.	26.	4.	96.667	9.832	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/23/64-08/11/64	3	8.7	9.367	10.8	8.6	1.543	1.242	**	**	**	**
00400	PH (STANDARD UNITS)	03/23/64-06/03/64	2	7.9	7.9	8.2	7.6	0.18	0.424	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/23/64-06/03/64	2	7.804	7.804	8.2	7.6	0.199	0.446	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/23/64-06/03/64	2	0.016	0.016	0.025	0.006	0.	0.013	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/23/64-03/23/64	1	11800.	11800.	11800.	11800.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	12/16/63-08/11/64	5	12.	97.6	350.	2.	22358.8	149.529	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	12/16/63-08/11/64	5	1.079	1.321	2.544	0.301	0.922	0.96	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			20.946								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/16/63-08/11/64	5	12.	37.6	160.	2.	4706.8	68.606	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/16/63-08/11/64	5	1.079	0.993	2.204	0.301	0.61	0.781	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			9.838								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	12/16/63-08/11/64	5	10.	9.6	16.	2.	26.8	5.177	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	12/16/63-08/11/64	5	1.	0.897	1.204	0.301	0.123	0.351	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			7.897								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0436

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
00400	PH	Other-Hi Lim.	9.	2	0	0.00				1	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	2	0	0.00				1	0	0.00	1	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	5	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	5	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0437

NPS Station ID: GATE0437
LAT/LON: 40.545004/ -74.153338
Agency: REGII208
Date Created: 05/25/78
Location: RARITAN BAY
FIPS State/County: 36085 NEW YORK/RICHMOND
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): NYC001R8 /R8
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030104
Depth of Water: 10
Aquifer:
Major Basin: OFF RED NUN BUOY '4'
Elevation: 0
Water Body Id:
Minor Basin: 1 MI OFFSHORE ANNADALE
ECO Region:
RF1 Index: 02030104004
RF1 Mile Point: 38.860
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0437

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/16/75-07/26/77	130	16.	15.356	25.	2.6	16.231	4.029	11.	12.	18.	19.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/16/75-06/12/77	118	28850.	29076.271	36400.	18500.	17559432.131	4190.398	24000.	25300.	32850.	34000.
00300	OXYGEN, DISSOLVED MG/L	09/17/75-07/26/77	128	7.1	7.943	15.9	2.	4.452	2.11	6.29	6.725	9.4	10.3
00310	BOD, 5 DAY, 20 DEG C MG/L	09/16/75-07/26/77	43	2.2	2.437	6.	1.1	0.775	0.88	1.54	1.9	2.9	3.26
00400	PH (STANDARD UNITS)	09/16/75-12/17/76	6	7.7	7.717	7.9	7.5	0.026	0.16	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/16/75-12/17/76	6	7.7	7.692	7.9	7.5	0.026	0.162	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/16/75-12/17/76	6	0.02	0.02	0.032	0.013	0.	0.007	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/01/77-06/12/77	20	98.	97.75	101.	93.	3.776	1.943	95.	97.	99.	99.9
00480	SALINITY - PARTS PER THOUSAND	09/16/75-06/12/77	118	23.9	22.707	27.5	13.1	6.844	2.616	19.5	20.45	24.825	25.3
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/16/75-07/26/77	45	10.	11.511	40.	2.	64.71	8.044	3.6	6.	14.5	20.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/16/75-07/26/77	8	0.32	0.297	0.58	0.028	0.025	0.157	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/16/75-07/26/77	8	0.04	0.154	0.92	0.023	0.096	0.31	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/16/75-07/26/77	8	0.29	0.269	0.54	0.06	0.022	0.147	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/16/75-07/26/77	8	0.945	0.957	1.3	0.83	0.022	0.149	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/16/75-07/26/77	8	0.22	0.244	0.4	0.11	0.011	0.107	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/23/75-07/26/77	13	14800.	14876.923	15600.	13900.	270256.41	519.862	14060.	14500.	15350.	15600.
01027	CADMIUM, TOTAL (UG/L AS CD)	12/17/76-12/17/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	12/17/76-12/17/76	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	12/17/76-12/17/76	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	12/17/76-12/17/76	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	12/17/76-12/17/76	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	12/17/76-12/17/76	1	36.	36.	36.	36.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/16/75-07/26/77	54	330.	720.741	4900.	20.	908105.101	952.945	45.	170.	867.5	1800.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/16/75-07/26/77	54	2.519	2.525	3.69	1.301	0.353	0.594	1.651	2.23	2.934	3.255
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			335.195								
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	09/16/75-07/26/77	54	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	09/16/75-07/26/77	54	0.699	0.699	0.699	0.699	0.	0.	0.699	0.699	0.699	0.699
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			5.								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	09/16/75-07/26/77	59	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	09/16/75-07/26/77	59	0.699	0.699	0.699	0.699	0.	0.	0.699	0.699	0.699	0.699
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			5.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/16/75-07/26/77	59	50.	96.881	790.	10.	20020.589	141.494	20.	20.	130.	230.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/16/75-07/26/77	59	1.699	1.711	2.898	1.	0.213	0.461	1.301	1.301	2.114	2.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			51.381								
32230	CHLOROPHYLL A (MG/L)	10/02/75-10/02/75	1	0.014	0.014	0.014	0.014	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/16/75-07/26/77	8	0.071	0.084	0.155	0.064	0.001	0.031	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	12/17/76-12/17/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0437

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	128	3	0.02	8	2	0.25	24	0	0.00	96	1	0.01			
00400	PH	Other-Hi Lim.	9.	6	0	0.00	3	0	0.00	3	0	0.00						
		Other-Lo Lim.	6.5	6	0	0.00	3	0	0.00	3	0	0.00						
01027	CADMIUM, TOTAL	Marine Acute	43.	1	0	0.00				1	0	0.00						
01042	COPPER, TOTAL	Marine Acute	2.9	1	1	1.00				1	1	1.00						
01051	LEAD, TOTAL	Marine Acute	220.	1	0	0.00				1	0	0.00						
01067	NICKEL, TOTAL	Marine Acute	75.	1	0	0.00				1	0	0.00						
01092	ZINC, TOTAL	Marine Acute	95.	1	0	0.00				1	0	0.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	54	13	0.24	3	1	0.33	12	5	0.42	39	7	0.18			
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	54	0	0.00	3	0	0.00	12	0	0.00	39	0	0.00			
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	59	0	0.00	3	0	0.00	10	0	0.00	46	0	0.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	59	8	0.14	3	0	0.00	10	4	0.40	46	4	0.09			
71900	MERCURY, TOTAL	Marine Acute	2.1	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0438

NPS Station ID: GATE0438 | LAT/LON: 40.519448/ -74.162503 | Agency: 11NOAMID | Date Created: 11/16/78
Location: RARITAN BAY | FIPS State/County: 36085 NEW YORK/RICHMOND
Station Type: /TYPA/AMBNT/OCEAN | STORET Station ID(s): RARB43
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 02030104 | Depth of Water: 0 | Aquifer:
Major Basin: NORTHEAST | Elevation: 0 | Water Body Id:
Minor Basin: LOWER HUDSON NEW YORK METRO AREA | ECO Region:
RF1 Index: 02030104004 | RF1 Mile Point: 37.270 | Distance from RF1: 0.00 | On/Off RF1: OFF
RF3 Index: 02030202104200.00 | RF3 Mile Point: 0.00 | Distance from RF3: 4.93 | On/Off RF3:
Description:
TRACE METALS IN SEDIMENTS OF RARITAN BAY - GREIG AND MCGRATH - NOAA NATL MAR FISH SERV - MID ATLANTIC COAST FISH CEN MILFORD CT 1973
MARINE POLLUTION BULLETIN VOL 8 NO 8 AUG 1977

Parameter Inventory for Station: GATE0438

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	2 ##	3.	3.	4.5	1.5	4.5	2.121	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	2	61.5	61.5	88.	35.	1404.5	37.477	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	02/01/73-05/01/73	2	115.5	115.5	180.	51.	8320.5	91.217	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	02/01/73-05/01/73	2	75.	75.	100.	50.	1250.	35.355	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/01/73-05/01/73	2	19.5	19.5	27.	12.	112.5	10.607	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	02/01/73-05/01/73	2	162.5	162.5	225.	100.	7812.5	88.388	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: GATE0439

NPS Station ID: GATE0439
LAT/LON: 40.520281/ -74.169170
Agency: 1111H030
Date Created: / /
Location: RARITAN BAY (43)
FIPS State/County: 36085 NEW YORK/RICHMOND
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): 403113007410090/043 /43
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02030104
Depth of Water: 6
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: LOWER HUDSON-N.Y. METROPOLI
ECO Region:
RF1 Index: 02030104
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02030202104200.00
RF3 Mile Point: 0.00
Distance from RF3: 4.93
On/Off RF3:
Description:

Parameter Inventory for Station: GATE0439

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/16/63-08/11/64	5	16.8	14.	25.	2.	109.115	10.446	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/16/63-08/11/64	4	20.5	19.5	30.	7.	91.	9.539	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/23/64-08/11/64	4	9.15	8.875	10.3	6.9	2.069	1.438	**	**	**	**
00400	PH (STANDARD UNITS)	03/23/64-06/03/64	2	7.8	7.8	8.	7.6	0.08	0.283	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/23/64-06/03/64	2	7.755	7.755	8.	7.6	0.084	0.29	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/23/64-06/03/64	2	0.018	0.018	0.025	0.01	0.	0.011	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/23/64-03/23/64	1	11600.	11600.	11600.	11600.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	12/16/63-08/11/64	5	56.	218.8	710.	2.	88317.2	297.182	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	12/16/63-08/11/64	5	1.748	1.784	2.851	0.301	0.963	0.981	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			60.79								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/16/63-08/11/64	5	4.	7.2	16.	2.	41.2	6.419	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/16/63-08/11/64	5	0.602	0.697	1.204	0.301	0.181	0.426	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4.983								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	12/16/63-08/11/64	5	4.	9.6	28.	2.	114.8	10.714	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	12/16/63-08/11/64	5	0.602	0.79	1.447	0.301	0.196	0.443	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			6.173								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0439

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00			
00400	PH	Other-Hi Lim.	9.	2	0	0.00				1	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	2	0	0.00				1	0	0.00	1	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	5	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	5	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GATE0440

NPS Station ID: GATE0440
Location: Richmond Cr. at Richmond Ave.
Station Type: /TYPA/AMBNT/ESTURY/NET
RMI-Indexes:
RMI-Miles:
HUC: 02030104
Major Basin: NORTHEAST
Minor Basin: L.HUDSON - NYC
RF1 Index: 02030104
RF3 Index: 02030202104200.00
Description:

LAT/LON: 40.566115/ -74.170004

Depth of Water: 0
Elevation: 0

RF1 Mile Point: 0.000
RF3 Mile Point: 0.00

Agency: 21NYDECB
FIPS State/County: 36085 NEW YORK/RICHMOND
STORET Station ID(s): 17013101
Within Park Boundary: No

Aquifer:
Water Body Id: NY00000 Richmond Cr. at
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 4.93

Date Created: 03/30/96

On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: GATE0440

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: GATE0441

NPS Station ID: GATE0441 LAT/LON: 40.519448/ -74.174448 Agency: 1111H030 Date Created: 09/20/80
Location: WOLF POND PARK BEACH 100 FT OFF STATEN IS. SHORE FIPS State/County: 36085 NEW YORK/RICHMOND
Station Type: /TYPA/AMBNT/OCEAN STORET Station ID(s): SI WP /SIWP
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02030104 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST Elevation: 0 Water Body Id:
Minor Basin: LOWER HUDSON - N.Y. METROPOLITAN AREA ECO Region:
RF1 Index: 02030104004 RF1 Mile Point: 36.690 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02030202104200.00 RF3 Mile Point: 0.00 Distance from RF3: 4.93 On/Off RF3:
Description:

Parameter Inventory for Station: GATE0441

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/30/80-09/28/81	22	17.	54.182	520.	0.	12529.299	111.934	4.5	11.75	36.	153.6
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/30/80-09/28/81	22	1.224	1.311	2.716	0.	0.333	0.577	0.605	1.07	1.549	2.181
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			20.482								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	06/30/80-09/28/81	22	3.5	24.136	420.	0.	7857.552	88.643	0.	0.	9.	21.6
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	06/30/80-09/28/81	22	0.54	0.594	2.623	0.	0.425	0.652	0.	0.	0.947	1.327
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			3.926								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: GATE0441

				Total	Exceed	Prop.	8/01-10/31			11/01-3/31			4/01-7/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	22	0	0.00	12	0	0.00				10	0	0.00			
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	22	1	0.05	12	1	0.08				10	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Entire GATE Study Area

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1671	51	0.03	475	19	0.04	544	21	0.04	652	11	0.02			
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1065	2	0.00	349	0	0.00	275	0	0.00	441	2	0.00			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	833	12	0.01	288	7	0.02	218	0	0.00	327	5	0.02			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	12338	2892	0.23	4701	1419	0.30	1542	233	0.15	6095	1240	0.20			
00400	PH	Other-Hi Lim.	8.5M/9.F	2632		61	0.02	763	5	0.01	772	37	0.05	1097	19	0.02		
		Other-Lo Lim.	6.5	2632	19	0.01	763	7	0.01	772	8	0.01	1097	4	0.00			
00403	PH, LAB	Other-Hi Lim.	8.5M/9.F	289	15	0.05	93	0	0.00	32	0	0.00	164	15	0.09			
		Other-Lo Lim.	6.5	288 &	15	0.05	93	0	0.00	31	15	0.48	164	0	0.00			
00406	PH, FIELD	Other-Hi Lim.	8.5M/9.F	2186		271	0.12	632	21	0.03	42	2	0.05	1512	228	0.15		
		Other-Lo Lim.	6.5	2186	20	0.01	632	2	0.00	42	0	0.00	1512	18	0.01			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	10	0	0.00	4	0	0.00	1	0	0.00	5	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	10	0	0.00	4	0	0.00	1	0	0.00	5	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	14	0	0.00	8	0	0.00	3	0	0.00	3	0	0.00			
		Drinking Water	250.	14	0	0.00	8	0	0.00	3	0	0.00	3	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Marine Acute	69.	6	0	0.00	5	0	0.00				1	0	0.00			
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Marine Acute	300.	3	0	0.00	2	0	0.00				1	0	0.00			
01000	ARSENIC, DISSOLVED	Marine Acute	69.	19	0	0.00				6	0	0.00	13	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	15	0	0.00	9	0	0.00	1	0	0.00	5	0	0.00			
		Drinking Water	50.	15	0	0.00	9	0	0.00	1	0	0.00	5	0	0.00			
		Marine Acute	69.	187	0	0.00	59	0	0.00	87	0	0.00	41	0	0.00			
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	19	0	0.00	9	0	0.00	1	0	0.00	9	0	0.00			
		Drinking Water	4.	4 &	1	0.25				1	0	0.00	3	1	0.33			
01025	CADMIUM, DISSOLVED	Marine Acute	43.	213	0	0.00	47	0	0.00	85	0	0.00	81	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	18	8	0.44	8	4	0.50	1	0	0.00	9	4	0.44			
		Drinking Water	5.	18	8	0.44	8	4	0.50	1	0	0.00	9	4	0.44			
		Marine Acute	43.	558	6	0.01	154	1	0.01	209	4	0.02	195	1	0.01			
01034	CHROMIUM, TOTAL	Drinking Water	100.	20	0	0.00	10	0	0.00	1	0	0.00	9	0	0.00			
01040	COPPER, DISSOLVED	Marine Acute	2.9	216	204	0.94	41	36	0.88	85	85	1.00	90	83	0.92			
01042	COPPER, TOTAL	Fresh Acute	18.	11 &	8	0.73	6	6	1.00	1	0	0.00	4	2	0.50			
		Drinking Water	1300.	20	0	0.00	10	0	0.00	1	0	0.00	9	0	0.00			
		Marine Acute	2.9	738 &	545	0.74	208	153	0.74	226	197	0.87	304	195	0.64			
01049	LEAD, DISSOLVED	Marine Acute	220.	214	0	0.00	47	0	0.00	84	0	0.00	83	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	16	8	0.50	8	4	0.50	1	0	0.00	7	4	0.57			
		Drinking Water	15.	16	9	0.56	8	5	0.63	1	0	0.00	7	4	0.57			
		Marine Acute	220.	551	6	0.01	156	0	0.00	209	6	0.03	186	0	0.00			
01059	THALLIUM, TOTAL	Fresh Acute	1400.	12	0	0.00	7	0	0.00				5	0	0.00			
		Drinking Water	2.	0 &	0	0.00												
		Marine Acute	2130.	3	0	0.00	1	0	0.00	2	0	0.00						
01065	NICKEL, DISSOLVED	Marine Acute	75.	213	0	0.00	47	0	0.00	84	0	0.00	82	0	0.00			
01067	NICKEL, TOTAL	Fresh Acute	1400.	19	0	0.00	9	0	0.00	1	0	0.00	9	0	0.00			
		Drinking Water	100.	19	14	0.74	9	8	0.89	1	0	0.00	9	6	0.67			
		Marine Acute	75.	530	30	0.06	149	13	0.09	201	8	0.04	180	9	0.05			
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Marine Acute	75.	18	15	0.83	8	8	1.00	1	0	0.00	9	7	0.78			
01075	SILVER, DISSOLVED	Marine Acute	0.12	65 &	65	1.00	13	13	1.00	32	32	1.00	20	20	1.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	10 &	8	0.80	5	5	1.00				5	3	0.60			
		Drinking Water	100.	18	0	0.00	9	0	0.00				9	0	0.00			
		Marine Acute	0.12	201 &	201	1.00	73	73	1.00	84	84	1.00	44	44	1.00			
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Marine Acute	0.12	8	8	1.00	5	5	1.00				3	3	1.00			
01090	ZINC, DISSOLVED	Marine Acute	95.	191	26	0.14	45	10	0.22	66	6	0.09	80	10	0.13			
01092	ZINC, TOTAL	Fresh Acute	120.	20	1	0.05	10	0	0.00	1	0	0.00	9	1	0.11			
		Drinking Water	5000.	20	0	0.00	10	0	0.00	1	0	0.00	9	0	0.00			
		Marine Acute	95.	556	119	0.21	160	47	0.29	202	43	0.21	194	29	0.15			
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Marine Acute	95.	19	4	0.21	9	3	0.33	1	0	0.00	9	1	0.11			
01097	ANTIMONY, TOTAL	Fresh Acute	88.	10 &	0	0.00	4	0	0.00	1	0	0.00	5	0	0.00			
		Drinking Water	6.	10 &	1	0.10	4	0	0.00	1	0	0.00	5	1	0.20			
		Marine Acute	1500.	3	0	0.00	1	0	0.00	2	0	0.00						
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Marine Acute	43.	9	2	0.22	4	2	0.50	1	0	0.00	4	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Entire GATE Study Area

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Marine Acute	220.	11	0	0.00	6	0	0.00	1	0	0.00	4	0	0.00			
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Marine Acute	2.9	9 &	9	1.00	5	5	1.00				4	4	1.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	8	0	0.00	5	0	0.00	1	0	0.00	2	0	0.00			
		Drinking Water	50.	8	0	0.00	5	0	0.00	1	0	0.00	2	0	0.00			
		Marine Acute	300.	3	0	0.00	1	0	0.00	2	0	0.00						
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE	Marine Acute	1500.	1	0	0.00							1	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	9268 &	2386	0.26	3126	761	0.24	777	461	0.59	5365	1164	0.22			
31504	COLIFORM,TOT,MEMBRANE FILTR,IMMED. LES-E	Other-Hi Lim.	1000.	257	163	0.63	93	57	0.61	55	47	0.85	109	59	0.54			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	14359	3121	0.22	4221	1137	0.27	3413	472	0.14	6725	1512	0.22			
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	548	0	0.00	72	0	0.00	108	0	0.00	368	0	0.00			
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	3729 &	434	0.12	1352	138	0.10	307	118	0.38	2070	178	0.09			
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	560	0	0.00	69	0	0.00	97	0	0.00	394	0	0.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	11669	1666	0.14	2905	381	0.13	3224	480	0.15	5540	805	0.15			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	7787	2321	0.30	2483	736	0.30	492	378	0.77	4812	1207	0.25			
31649	ENTEROCOCCI, ME, MF	Other-Hi Lim.	35.	1205	8	0.01	415	4	0.01				790	4	0.01			
32101	BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	18	0	0.00	9	0	0.00	1	0	0.00	8	0	0.00			
32102	CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	18	0	0.00	9	0	0.00	1	0	0.00	8	0	0.00			
		Drinking Water	5.	17 &	0	0.00	9	0	0.00	1	0	0.00	7	0	0.00			
		Marine Acute	50000.	2	0	0.00	1	0	0.00	1	0	0.00						
32103	1,2-DICHLOROETHANE,WHOLE WATER	Fresh Acute	118000.	1	0	0.00				1	0	0.00						
		Drinking Water	5.	1	0	0.00				1	0	0.00						
32104	BROMOFORM, WHOLE WATER	Drinking Water	100.	18	0	0.00	9	0	0.00	1	0	0.00	8	0	0.00			
32105	DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	18	0	0.00	9	0	0.00	1	0	0.00	8	0	0.00			
32106	CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	19	0	0.00	9	0	0.00	2	0	0.00	8	0	0.00			
		Drinking Water	100.	19	0	0.00	9	0	0.00	2	0	0.00	8	0	0.00			
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	6	0	0.00	4	0	0.00				2	0	0.00			
		Drinking Water	1000.	6	0	0.00	4	0	0.00				2	0	0.00			
		Marine Acute	6300.	2	0	0.00	1	0	0.00	1	0	0.00						
34205	ACENAPHTHENE, TOTAL	Fresh Acute	1700.	6	0	0.00	4	0	0.00				2	0	0.00			
		Marine Acute	970.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34301	CHLOROBENZENE, TOTAL	Drinking Water	100.	18	0	0.00	9	0	0.00	1	0	0.00	8	0	0.00			
34346	1,2-DIPHENYLHYDRAZINE, TOTAL	Fresh Acute	270.	6	0	0.00	4	0	0.00				2	0	0.00			
34356	ENDOSULFAN, BETA, TOTAL	Fresh Acute	0.22	0 &	0	0.00												
		Marine Acute	0.034	0 &	0	0.00												
34361	ENDOSULFAN, ALPHA, TOTAL	Fresh Acute	0.22	0 &	0	0.00												
		Marine Acute	0.034	0 &	0	0.00												
34371	ETHYLBENZENE, TOTAL	Fresh Acute	32000.	6	0	0.00	4	0	0.00				2	0	0.00			
		Drinking Water	700.	6	0	0.00	4	0	0.00				2	0	0.00			
		Marine Acute	430.	2	0	0.00	1	0	0.00	1	0	0.00						
34376	FLUORANTHENE, TOTAL	Fresh Acute	3980.	6	0	0.00	4	0	0.00				2	0	0.00			
		Marine Acute	40.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL	Fresh Acute	7.	6	0	0.00	4	0	0.00				2	0	0.00			
		Drinking Water	50.	6	0	0.00	4	0	0.00				2	0	0.00			
		Marine Acute	7.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34391	HEXACHLOROBUTADIENE, TOTAL	Marine Acute	32.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34392	HEXACHLOROBUTADIENE, DISSOLVED	Fresh Acute	90.	6	0	0.00	4	0	0.00				2	0	0.00			
34396	HEXACHLOROETHANE, TOTAL	Fresh Acute	980.	6	0	0.00	4	0	0.00				2	0	0.00			
		Marine Acute	940.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34403	IDENO (1,2,3-CD) PYRENE	Drinking Water	0.4	0 &	0	0.00												
34408	ISOPHORONE, TOTAL	Fresh Acute	117000.	3	0	0.00	1	0	0.00				2	0	0.00			
		Marine Acute	12900.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34423	METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	16 &	0	0.00	9	0	0.00	1	0	0.00	6	0	0.00			
34447	NITROBENZENE, TOTAL	Fresh Acute	27000.	6	0	0.00	4	0	0.00				2	0	0.00			
		Marine Acute	6680.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34452	PARACHLOROMETA CRESOL, TOTAL	Fresh Acute	30.	6	0	0.00	4	0	0.00				2	0	0.00			
34459	PCP (PENTACHLOROPHENOL), DISSOLVED	Fresh Acute	20.	6	0	0.00	4	0	0.00				2	0	0.00			
		Drinking Water	1.	0 &	0	0.00												
		Marine Acute	13.	1	0	0.00							1	0	0.00			
34461	PHENANTHRENE, TOTAL	Fresh Acute	30.	6	0	0.00	4	0	0.00				2	0	0.00			
		Marine Acute	7.7	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34475	TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	19	0	0.00	9	0	0.00	2	0	0.00	8	0	0.00			
		Drinking Water	5.	19	2	0.11	9	1	0.11	2	0	0.00	8	1	0.13			
		Marine Acute	10200.	7	0	0.00	3	0	0.00	1	0	0.00	3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Entire GATE Study Area

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/01-10/31 Obs	8/01-10/31 Exceed	8/01-10/31 Prop.	11/01-3/31 Obs	11/01-3/31 Exceed	11/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
34501	1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	18	0	0.00	9	0	0.00	1	0	0.00	8	0	0.00			
34506	1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	18	0	0.00	9	0	0.00	1	0	0.00	8	0	0.00			
		Marine Acute	31200.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00			
34511	1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	17 &	0	0.00	9	0	0.00	1	0	0.00	7	0	0.00			
34516	1,1,2,2-TETRACHLOROETHANE, TOTAL	Marine Acute	9020.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
34531	1,2-DICHLOROETHANE, TOTAL	Fresh Acute	118000.	18	0	0.00	9	0	0.00	1	0	0.00	8	0	0.00			
		Drinking Water	5.	17 &	0	0.00	9	0	0.00	1	0	0.00	7	0	0.00			
		Marine Acute	113000.	3	0	0.00	2	0	0.00	1	0	0.00						
34536	1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	18	0	0.00	9	0	0.00	1	0	0.00	8	0	0.00			
34541	1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	17 &	0	0.00	9	0	0.00	1	0	0.00	7	0	0.00			
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	18	0	0.00	9	0	0.00	1	0	0.00	8	0	0.00			
34551	1,2,4-TRICHLOROBENZENE, TOTAL	Drinking Water	70.	6	0	0.00	4	0	0.00				2	0	0.00			
34566	1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	18	0	0.00	9	0	0.00	1	0	0.00	8	0	0.00			
34571	1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	18	0	0.00	9	0	0.00	1	0	0.00	8	0	0.00			
34586	2-CHLOROPHENOL, TOTAL	Fresh Acute	4380.	6	0	0.00	4	0	0.00				2	0	0.00			
34601	2,4-DICHLOROPHENOL, TOTAL	Fresh Acute	2020.	6	0	0.00	4	0	0.00				2	0	0.00			
34606	2,4-DIMETHYLPHENOL, TOTAL	Fresh Acute	2120.	6	0	0.00	4	0	0.00				2	0	0.00			
34611	2,4-DINITROTOLUENE, TOTAL	Fresh Acute	330.	6	0	0.00	4	0	0.00				2	0	0.00			
		Marine Acute	590.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34694	PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	Fresh Acute	10200.	6	0	0.00	4	0	0.00				2	0	0.00			
		Marine Acute	5800.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
34696	NAPHTHALENE, TOTAL	Fresh Acute	2300.	6	0	0.00	4	0	0.00				2	0	0.00			
		Marine Acute	2350.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Marine Acute	13.	0 &	0	0.00												
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	Fresh Acute	2000.	1	0	0.00				1	0	0.00						
		Drinking Water	6.	1	1	1.00				1	1	1.00						
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	16 &	0	0.00	8	0	0.00	1	0	0.00	7	0	0.00			
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	19	0	0.00	9	0	0.00	2	0	0.00	8	0	0.00			
		Drinking Water	5.	18 &	0	0.00	9	0	0.00	2	0	0.00	7	0	0.00			
		Marine Acute	2000.	2	0	0.00	1	0	0.00	1	0	0.00						
39300	P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	0 &	0	0.00												
		Marine Acute	0.13	0 &	0	0.00												
39310	P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	0 &	0	0.00												
		Marine Acute	3.6	0 &	0	0.00												
39320	P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	6	0	0.00	4	0	0.00				2	0	0.00			
		Marine Acute	14.	1	0	0.00							1	0	0.00			
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	0 &	0	0.00												
		Marine Acute	1.3	1 &	0	0.00							1	0	0.00			
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Marine Acute	0.16	1 &	0	0.00							1	0	0.00			
39360	DDD IN WHOLE WATER SAMPLE	Marine Acute	3.6	1	0	0.00							1	0	0.00			
39365	DDE IN WHOLE WATER SAMPLE	Marine Acute	14.	1	0	0.00							1	0	0.00			
39370	DDT IN WHOLE WATER SAMPLE	Marine Acute	0.13	1	0	0.00							1	0	0.00			
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	1 &	0	0.00							1	0	0.00			
		Marine Acute	0.71	1 &	0	0.00							1	0	0.00			
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	0 &	0	0.00												
		Drinking Water	2.	0 &	0	0.00												
		Marine Acute	0.037	1 &	0	0.00							1	0	0.00			
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	0 &	0	0.00												
		Drinking Water	0.4	0 &	0	0.00												
		Marine Acute	0.053	1	0	0.00							1	0	0.00			
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	0 &	0	0.00												
		Drinking Water	0.2	0 &	0	0.00												
		Marine Acute	0.053	1 &	0	0.00							1	0	0.00			
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	6	0	0.00	4	0	0.00				2	0	0.00			
		Drinking Water	1.	0 &	0	0.00												
39782	LINDANE IN WHOLE WATER SAMPLE	Fresh Acute	2.	1 &	0	0.00							1	0	0.00			
		Drinking Water	0.2	0 &	0	0.00												
50060	CHLORINE, TOTAL RESIDUAL	Marine Acute	0.013	164 &	49	0.30	36	31	0.86	18	12	0.67	110	6	0.05			
50064	CHLORINE, FREE AVAILABLE	Marine Acute	0.013	163 &	49	0.30	36	32	0.89	18	12	0.67	109	5	0.05			
50066	CHLORINE, COMBINED AVAILABLE	Marine Acute	0.013	169	13	0.08	36	10	0.28	24	0	0.00	109	3	0.03			
71900	MERCURY, TOTAL	Fresh Acute	2.4	20	2	0.10	10	1	0.10	1	0	0.00	9	1	0.11			
		Drinking Water	2.	20	2	0.10	10	1	0.10	1	0	0.00	9	1	0.11			
		Marine Acute	2.1	535	5	0.01	172	2	0.01	203	1	0.00	160	2	0.01			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

NPS Servicewide Inventory and Monitoring Program Level I

Water Quality Parameter Inventory Data Evaluation and Analysis:

Missing Level I Groups

There are STORET Data for Every Level I I&M Parameter Group Within

the GATE Study Area

NPS Servicewide Inventory and Monitoring Program Level I

Water Quality Parameter Inventory Data Evaluation and Analysis:

Present Level I Groups

STORET Data Within the GATE Study Area Exist for These Groups:

Alkalinity		Total Obs.	01/01/85 to 08/28/96	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	1261	0	922	339	23
00440	BICARBONATE ION (MG/L AS HCO3)	1	0	1	0	1
00445	CARBONATE ION (MG/L AS CO3)	2	1	1	0	2
		1264	1	924	339	26 (24)[!]

pH		Total Obs.	01/01/85 to 08/28/96	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00400	PH (STANDARD UNITS)	7850	31	5920	1899	86
00403	PH, LAB (STANDARD UNITS)	289	2	255	32	31
00406	PH, FIELD (STANDARD UNITS)	2186	2186	0	0	24
		10325	2219	6175	1931	141(127)[!]

Conductivity		Total Obs.	01/01/85 to 08/28/96	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	9323	2804	5483	1036	70
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	1350	20	782	548	64
00480	SALINITY - PARTS PER THOUSAND	5069	2832	2077	160	77
		15742	5656	8342	1744	211(143)[!]

Dissolved Oxygen		Total Obs.	01/01/85 to 08/28/96	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE (MG/L)	5403	0	4484	919	9
00300	OXYGEN, DISSOLVED (MG/L)	12338	2400	2787	7151	145
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION	63	0	63	0	18
		17804	2400	7334	8070	172(146)[!]

Water Temperature		Total Obs.	01/01/85 to 08/28/96	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	24314	7285	12986	4043	240
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	4593	0	0	4593	7
		28907	7285	12986	8636	247(240)[!]

Flow		Total Obs.	01/01/85 to 08/28/96	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00059	FLOW RATE, INSTANTANEOUS, GALLONS/MINUTE	1	0	1	0	1
		1	0	1	0	1 (1)[!]

[!]Since a station can have data for more than one of the parameters in the parameter group, the number in the parenthesis is the number of unique stations having data for this parameter group.

Clarity/Turbidity		Total Obs.	01/01/85 to 08/28/96	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00070	TURBIDITY, (JACKSON CANDLE UNITS)	1671	0	729	942	43
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	58	0	0	58	6
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	1065	59	1006	0	21
00077	TRANSPARENCY, SECCHI DISC (INCHES)	544	0	396	148	12
00078	TRANSPARENCY, SECCHI DISC (METERS)	438	438	0	0	16
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	161	19	140	2	15
		3937	516	2271	1150	113 (78)[1]

Nitrate/Nitrogen		Total Obs.	01/01/85 to 08/28/96	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00600	NITROGEN, TOTAL (MG/L AS N)	1	0	1	0	1
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	27	0	1	26	10
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	189	189	0	0	9
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	2278	110	1425	743	105
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	916	0	303	613	95
00625	NITROGEN, KJELDAHL, TOTAL (MG/L AS N)	570	33	343	194	62
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	966	466	498	2	37
		4947	798	2571	1578	319(118)[1]

Phosphate/Phosphorus		Total Obs.	01/01/85 to 08/28/96	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	1067	0	678	389	28
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	1495	0	658	837	35
00665	PHOSPHORUS, TOTAL (MG/L AS P)	706	87	575	44	52
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	902	415	406	81	27
70505	PHOSPHORUS, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	14	14	0	0	2
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	404	64	308	32	54
		4588	580	2625	1383	198(119)[1]

Chlorophyll		Total Obs.	01/01/85 to 08/28/96	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
32211	CHLOROPHYLL A (UG/L) SPECTROPHOTOMETRIC ACID METH.	978	527	431	20	42
32230	CHLOROPHYLL A (MG/L)	24	0	3	21	8
		1002	527	434	41	50 (46)[1]

Sulfates/Total Dissolved Solids/Hardness		Total Obs.	01/01/85 to 08/28/96	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00900	HARDNESS, TOTAL (MG/L AS CACO3)	206	32	1	173	5
00945	SULFATE, TOTAL (MG/L AS SO4)	192	0	26	166	6
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), (MG/L)	26	0	26	0	5
		424	32	53	339	16 (9)[1]

[1]Since a station can have data for more than one of the parameters in the parameter group, the number in the parenthesis is the number of unique stations having data for this parameter group.

Bacteria		Total Obs.	01/01/85 to 08/28/96	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
31501	COLIFORM, TOT, MEMBRANE FILTER,IMMED.M-ENDOMED,35C	9270	4995	2512	1763	124
31504	COLIFORM, TOT, MEMBRANE FILTER, IMME,L-ENDAGAR,35C	257	0	257	0	14
31505	COLIFORM, TOT, MPN, CONFIRMED TEST,35C(TUBE 31506)	14605	3449	7499	3657	206
31506	COLIFORM, TOT, MPN, CONFIRMED TEST, TUBE CONFIG.	548	0	548	0	25
31613	FECAL COLIFORM, MEMBR, FILTER,M-FC AGAR,44.5C,24HR	3731	1233	2288	210	46
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	560	0	560	0	25
31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	11912	3337	7412	1163	182
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5C	7787	5090	1128	1569	107
31649	ENTEROCOCCI- ME-MF	1205	1201	4	0	17
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	1656	5	14	1637	52
31677	FECAL STREPTOCOCCI, MPN, AD-EVA, 35C (TUBE 31678)	754	0	642	112	10
		52285	19310	22864	10111	808(303)[1]

[1]Since a station can have data for more than one of the parameters in the parameter group, the number in the parenthesis is the number of unique stations having data for this parameter group.

Toxic Elements		Total Obs.	01/01/85 to 08/28/96	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
01097	ANTIMONY, TOTAL (UG/L AS SB)	21	13	8	0	3
01268	ANTIMONY, (SB), WATER, TOTAL RECOVERABLE (UG/L)	18	12	6	0	1
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS AS	14	9	5	0	1
01000	ARSENIC, DISSOLVED (UG/L AS AS)	19	0	19	0	12
01002	ARSENIC, TOTAL (UG/L AS AS)	202	52	143	7	25
00998	BERYLLIUM, TOTAL RECOVERABLE IN WATER AS BE (UG/L)	19	13	6	0	1
01012	BERYLLIUM, TOTAL (UG/L AS BE)	22	14	8	0	3
01025	CADMIUM, DISSOLVED (UG/L AS CD)	213	0	213	0	15
01027	CADMIUM, TOTAL (UG/L AS CD)	577	55	407	115	51
01113	CADMIUM, TOTAL RECOVERABLE IN WATER AS CD (UG/L)	17	12	5	0	1
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	215	0	215	0	15
01034	CHROMIUM, TOTAL (UG/L AS CR)	594	56	419	119	53
01118	CHROMIUM, TOTAL RECOVERABLE IN WATER AS CR (UG/L)	19	13	6	0	1
01040	COPPER, DISSOLVED (UG/L AS CU)	216	0	208	8	19
01042	COPPER, TOTAL (UG/L AS CU)	779	240	424	115	60
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU (UG/L)	19	13	6	0	1
01049	LEAD, DISSOLVED (UG/L AS PB)	214	0	214	0	15
01051	LEAD, TOTAL (UG/L AS PB)	569	54	413	102	51
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB (UG/L)	16	11	5	0	1
71900	MERCURY, TOTAL (UG/L AS HG)	561	68	384	109	53
01065	NICKEL, DISSOLVED (UG/L AS NI)	213	0	213	0	15
01067	NICKEL, TOTAL (UG/L AS NI)	550	56	385	109	48
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI (UG/L)	18	13	5	0	1
00981	SELENIUM, TOTAL RECOVERABLE IN WATER AS SE (UG/L)	8	3	5	0	1
01147	SELENIUM, TOTAL (UG/L AS SE)	11	4	7	0	3
01075	SILVER, DISSOLVED (UG/L AS AG)	131	0	131	0	12
01077	SILVER, TOTAL (UG/L AS AG)	283	55	217	11	17
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG (UG/L)	18	12	6	0	1
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS (UG/L)	12	6	6	0	1
01059	THALLIUM, TOTAL (UG/L AS TL)	15	7	8	0	3
01090	ZINC, DISSOLVED (UG/L AS ZN)	191	0	167	24	19
01092	ZINC, TOTAL (UG/L AS ZN)	576	56	408	112	49
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN (UG/L)	19	13	6	0	1
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXT. (UG/L)	14	2	12	0	4
32104	BROMOFORM, WHOLE WATER, (UG/L)	38	26	12	0	4
32102	CARBON TETRACHLORIDE, WHOLE WATER, (UG/L)	38	26	12	0	4
34301	CHLOROBENZENE, TOTAL (UG/L)	38	26	12	0	4
32105	DIBROMOCHLOROMETHANE, WHOLE WATER, (UG/L)	38	26	12	0	4
34311	CHLOROETHANE, TOTAL (UG/L)	38	26	12	0	4
34576	2-CHLOROETHYL VINYL ETHER, TOTAL (UG/L)	38	26	12	0	4
32106	CHLOROFORM, WHOLE WATER (UG/L)	39	26	13	0	5
32101	BROMODICHLOROMETHANE, WHOLE WATER (UG/L)	38	26	12	0	4
34496	1,1-DICHLOROETHANE, TOTAL (UG/L)	38	26	12	0	4
32103	1,2-DICHLOROETHANE, WHOLE WATER (UG/L)	1	0	1	0	1
34531	1,2-DICHLOROETHANE, TOTAL (UG/L)	38	26	12	0	4
34501	1,1-DICHLOROETHYLENE, TOTAL (UG/L)	38	26	12	0	4
34541	1,2-DICHLOROPROPANE, TOTAL (UG/L)	38	26	12	0	4
34371	ETHYLBENZENE, TOTAL (UG/L)	14	2	12	0	4
34413	METHYL BROMIDE, TOTAL (UG/L)	38	26	12	0	4
34418	METHYL CHLORIDE, TOTAL (UG/L)	38	26	12	0	4
34423	METHYLENE CHLORIDE, TOTAL (UG/L)	38	26	12	0	4
34506	1,1,1-TRICHLOROETHANE, TOTAL (UG/L)	38	26	12	0	4
34475	TETRACHLOROETHYLENE, TOTAL (UG/L)	39	26	13	0	5
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXT. (UG/L)	14	2	12	0	4
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER (UG/L)	38	26	12	0	4

[1]Since a station can have data for more than one of the parameters in the parameter group, the number in the parenthesis is the number of unique stations having data for this parameter group.

Toxic Elements - Continued ...		Total Obs.	01/01/85 to 08/28/96	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
34516	1,1,2,2-TETRACHLOROETHANE, TOTAL (UG/L)	37	24	13	0	5
34511	1,1,2-TRICHLOROETHANE, TOTAL (UG/L)	38	26	12	0	4
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE (UG/L)	39	26	13	0	5
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE (UG/L)	38	26	12	0	4
34586	2-CHLOROPHENOL, TOTAL (UG/L)	14	2	12	0	4
34601	2,4-DICHLOROPHENOL, TOTAL (UG/L)	14	2	12	0	4
34606	2,4-DIMETHYLPHENOL, TOTAL (UG/L)	14	2	12	0	4
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL), TOTAL (UG/L)	14	2	12	0	4
34616	2,4-DINITROPHENOL, TOTAL (UG/L)	14	2	12	0	4
34591	2-NITROPHENOL, TOTAL (UG/L)	14	2	12	0	4
34646	4-NITROPHENOL, TOTAL (UG/L)	14	2	12	0	4
34452	PARACHLOROMETA CRESOL, TOTAL (UG/L)	14	2	12	0	4
34459	PCP (PENTACHLOROPHENOL), DISSOLVED (UG/L)	12	0	12	0	2
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE (UG/L)	2	2	0	0	2
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTAL (UG/L)	14	2	12	0	4
34621	2,4,6-TRICHLOROPHENOL, TOTAL (UG/L)	14	2	12	0	4
34205	ACENAPHTHENE, TOTAL (UG/L)	14	2	12	0	4
34200	ACENAPHTHYLENE, TOTAL (UG/L)	14	2	12	0	4
34220	ANTHRACENE, TOTAL (UG/L)	14	2	12	0	4
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	14	2	12	0	4
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE, TOTAL (UG/L)	14	2	12	0	4
34247	BENZO-A-PYRENE, TOTAL (UG/L)	12	2	10	0	4
34230	BENZO(B)FLUORANTHENE, WHOLE WATER (UG/L)	8	2	6	0	4
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE, TOTAL (UG/L)	12	2	10	0	4
34242	BENZO(K)FLUORANTHENE, TOTAL (UG/L)	6	2	4	0	4
34278	BIS (2-CHLOROETHOXY) METHANE, TOTAL (UG/L)	14	2	12	0	4
34273	BIS (2-CHLOROETHYL) ETHER, TOTAL (UG/L)	14	2	12	0	4
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER (UG/L)	3	2	1	0	3
34636	4-BROMOPHENYL PHENYL ETHER, TOTAL (UG/L)	14	2	12	0	4
34292	N-BUTYL BENZYL PHTHALATE, WHOLE WATER (UG/L)	15	2	13	0	5
34581	2-CHLORONAPHTHALENE, TOTAL (UG/L)	14	2	12	0	4
34641	4-CHLOROPHENYL PHENYL ETHER, TOTAL (UG/L)	4	2	2	0	4
34320	CHRYSENE, TOTAL (UG/L)	14	2	12	0	4
34556	1,2,5,6-DIBENZANTHRACENE, TOTAL (UG/L)	12	2	10	0	4
34536	1,2-DICHLOROBENZENE, TOTAL (UG/L)	38	26	12	0	4
34566	1,3-DICHLOROBENZENE, TOTAL (UG/L)	38	26	12	0	4
34571	1,4-DICHLOROBENZENE, TOTAL (UG/L)	38	26	12	0	4
34631	3,3'-DICHLOROBENZIDINE, TOTAL (UG/L)	12	2	10	0	4
34336	DIETHYL PHTHALATE, TOTAL (UG/L)	12	2	10	0	4
34341	DIMETHYL PHTHALATE, TOTAL (UG/L)	14	2	12	0	4
39110	DI-N-BUTYL PHTHALATE, WHOLE WATER (UG/L)	13	2	11	0	5
34611	2,4-DINITROTOLUENE, TOTAL (UG/L)	14	2	12	0	4
34626	2,6-DINITROTOLUENE, TOTAL (UG/L)	14	2	12	0	4
34596	DI-N-OCTYL PHTHALATE, TOTAL (UG/L)	15	2	13	0	5
34346	1,2-DIPHENYLHYDRAZINE, TOTAL (UG/L)	14	2	12	0	4
34376	FLUORANTHENE, TOTAL (UG/L)	14	2	12	0	4
34381	FLUORENE, TOTAL (UG/L)	14	2	12	0	4
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	14	2	12	0	4
34391	HEXACHLOROBUTADIENE, TOTAL (UG/L)	8	2	6	0	3
34392	HEXACHLOROBUTADIENE, DISSOLVED (UG/L)	6	0	6	0	1
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL (UG/L)	14	2	12	0	4
34396	HEXACHLOROETHANE, TOTAL (UG/L)	14	2	12	0	4
34403	INDENO (1,2,3-CD) PYRENE, TOTAL (UG/L)	12	2	10	0	4
34408	ISOPHORONE, TOTAL (UG/L)	8	2	6	0	4
34696	NAPHTHALENE, TOTAL (UG/L)	14	2	12	0	4

[1]Since a station can have data for more than one of the parameters in the parameter group, the number in the parenthesis is the number of unique stations having data for this parameter group.

Toxic Elements - Continued ...		Total Obs.	01/01/85 to 08/28/96	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
34447	NITROBENZENE, TOTAL (UG/L)	14	2	12	0	4
34438	N-NITROSODIMETHYLAMINE, TOTAL (UG/L)	2	2	0	0	2
34428	N-NITROSODI-N-PROPYLAMINE, TOTAL (UG/L)	12	2	10	0	4
34433	N-NITROSODIPHENYLAMINE, TOTAL (UG/L)	14	2	12	0	4
34461	PHENANTHRENE, TOTAL (UG/L)	14	2	12	0	4
34469	PYRENE, TOTAL (UG/L)	14	2	12	0	4
34551	1,2,4-TRICHLOROBENZENE, TOTAL (UG/L)	14	2	12	0	4
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	14	0	12	2	3
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER (UG/L)	12	0	12	0	2
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER (UG/L)	12	0	12	0	2
39340	GAMMA-BHC(LINDANE), WHOLE WATER (UG/L)	8	0	6	2	2
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	6	0	6	0	1
34259	DELTA BENZENE HEXACHLORIDE, TOTAL (UG/L)	12	0	12	0	2
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	12	0	12	0	2
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	2	0	0	2	1
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	12	0	12	0	2
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	1	0	0	1	1
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	12	0	12	0	2
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	1	0	0	1	1
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	14	0	12	2	3
34361	ENDOSULFAN, ALPHA, TOTAL (UG/L)	12	0	12	0	2
34356	ENDOSULFAN, BETA, TOTAL (UG/L)	12	0	12	0	2
34351	ENDOSULFAN SULFATE, TOTAL (UG/L)	12	0	12	0	2
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	14	0	12	2	3
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	12	0	10	2	3
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	14	0	12	2	3
		8234	1620	5767	847	921 (68)[1]

[1]Since a station can have data for more than one of the parameters in the parameter group, the number in the parenthesis is the number of unique stations having data for this parameter group.

NPS Servicewide Inventory and Monitoring Program Level I

Water Quality Parameter Inventory Data Evaluation and Analysis:

Park Summary: Level I Group Currentness and Distribution

Parameter Group	Total Obs.	Obs. Since 1985	% Obs. Since 1985	Stations Measuring This Group	% of Total Stations Measuring This Group	Obs. Per Station Measuring This Group	Period of Record For This Group	Observations Per Year of Period of Record
Alkalinity	1264	1	0.1	24	6.3	52.7	10/19/64-07/06/92	45.6
pH	10325	2219	21.5	127	33.2	81.3	06/27/63-08/26/96	311.3
Conductivity	15742	5656	35.9	143	37.4	110.1	06/16/63-08/26/96	474.2
Dissolved Oxygen	17804	2400	13.5	146	38.2	121.9	04/23/18-08/26/96	227.2
Water Temperature	28907	7285	25.2	240	62.8	120.4	04/23/18-08/26/96	369.0
Flow	1	0	0.0	1	0.3	1.0	09/07/77-09/07/77	1.0[!]
Clarity/Turbidity	3937	516	13.1	78	20.4	50.5	10/19/64-08/26/96	123.6
Nitrate/Nitrogen	4947	798	16.1	118	30.9	41.9	03/05/63-08/26/96	147.8
Phosphate/Phosphorus	4588	580	12.6	119	31.2	38.6	03/05/63-08/26/96	137.0
Chlorophyll	1002	527	52.6	46	12.0	21.8	01/19/70-08/12/96	37.7
Sulfates/Total Dissolved Solids/Hardness	424	32	7.5	9	2.4	47.1	10/19/64-11/19/86	19.2
Bacteria	52285	19310	36.9	303	79.3	172.6	06/11/53-08/28/96	1209.8
Toxic Elements	8234	1620	19.7	68	17.8	121.1	04/29/68-09/28/94	311.7

[!]Period of record for this parameter group was less than one year. Value shown is the total observations.

Water Quality Observations
Outside STORET Edit Criteria for GATE

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
GATE0093	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. M.	830906	1540	1460.0000000	31ISC2RS	JB-03	
GATE0103	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	731107	1055	0.0000000	21350000	403629007353100	X
GATE0164	00480	SALINITY - PARTS PER THOUSAND	750210	1055	49.4000000	21NJDEP1	L6970136738	
GATE0164	00480	SALINITY - PARTS PER THOUSAND	750520	0910	64.2000000	21NJDEP1	L6970136738	
GATE0164	00480	SALINITY - PARTS PER THOUSAND	750605	0945	72.5000000	21NJDEP1	L6970136738	
GATE0164	00500	RESIDUE, TOTAL (MG/L)	750610	0930	64986.0000000	21NJDEP1	L6970136738	
GATE0164	00500	RESIDUE, TOTAL (MG/L)	750617		43502.0000000	21NJDEP1	L6970136738	
GATE0164	00940	CHLORIDE,TOTAL IN WATER MG/L	750210	1055	30000.0000000	21NJDEP1	L6970136738	
GATE0164	00940	CHLORIDE,TOTAL IN WATER MG/L	750520	0910	39000.0000000	21NJDEP1	L6970136738	
GATE0164	00940	CHLORIDE,TOTAL IN WATER MG/L	750605	0945	44000.0000000	21NJDEP1	L6970136738	
GATE0164	00940	CHLORIDE,TOTAL IN WATER MG/L	750729	1140	24000.0000000	21NJDEP1	L6970136738	
GATE0164	00940	CHLORIDE,TOTAL IN WATER MG/L	760721	1215	23500.0000000	21NJDEP1	L6970136738	
GATE0164	00940	CHLORIDE,TOTAL IN WATER MG/L	760722	1330	22500.0000000	21NJDEP1	L6970136738	
GATE0164	00940	CHLORIDE,TOTAL IN WATER MG/L	760727	1400	25000.0000000	21NJDEP1	L6970136738	
GATE0164	00940	CHLORIDE,TOTAL IN WATER MG/L	760826	1415	23500.0000000	21NJDEP1	L6970136738	
GATE0164	00940	CHLORIDE,TOTAL IN WATER MG/L	770719	1215	24000.0000000	21NJDEP1	L6970136738	
GATE0164	00940	CHLORIDE,TOTAL IN WATER MG/L	770809	0915	22500.0000000	21NJDEP1	L6970136738	
GATE0164	00940	CHLORIDE,TOTAL IN WATER MG/L	770830	1010	24500.0000000	21NJDEP1	L6970136738	
GATE0164	00940	CHLORIDE,TOTAL IN WATER MG/L	790910	1230	28000.0000000	21NJDEP1	L6970136738	
GATE0168	00480	SALINITY - PARTS PER THOUSAND	750520	0900	60.9000000	21NJDEP1	1000000090	
GATE0168	00480	SALINITY - PARTS PER THOUSAND	750605	0920	48.6000000	21NJDEP1	1000000090	
GATE0168	00480	SALINITY - PARTS PER THOUSAND	750902	1130	40.3000000	21NJDEP1	1000000090	
GATE0168	00480	SALINITY - PARTS PER THOUSAND	750909	0915	41.2000000	21NJDEP1	1000000090	
GATE0168	00480	SALINITY - PARTS PER THOUSAND	760729	1205	41.2000000	21NJDEP1	1000000090	
GATE0168	00500	RESIDUE, TOTAL (MG/L)	750610	0910	46052.0000000	21NJDEP1	1000000090	
GATE0168	00500	RESIDUE, TOTAL (MG/L)	750617	1010	26164.0000000	21NJDEP1	1000000090	
GATE0168	00500	RESIDUE, TOTAL (MG/L)	780911	1050	50396.0000000	21NJDEP1	1000000090	
GATE0168	00500	RESIDUE, TOTAL (MG/L)	781030	1245	54584.0000000	21NJDEP1	1000000090	
GATE0168	00500	RESIDUE, TOTAL (MG/L)	790320	1200	23026.0000000	21NJDEP1	1000000090	
GATE0168	00500	RESIDUE, TOTAL (MG/L)	790424	0930	46408.0000000	21NJDEP1	1000000090	
GATE0168	00500	RESIDUE, TOTAL (MG/L)	790614	1020	34114.0000000	21NJDEP1	1000000090	
GATE0168	00500	RESIDUE, TOTAL (MG/L)	810715	1045	31806.0000000	21NJDEP1	1000000090	
GATE0168	00500	RESIDUE, TOTAL (MG/L)	810930	1120	53994.0000000	21NJDEP1	1000000090	
GATE0168	00940	CHLORIDE,TOTAL IN WATER MG/L	740213	1000	31000.0000000	21NJDEP1	1000000090	
GATE0168	00940	CHLORIDE,TOTAL IN WATER MG/L	740522		26000.0000000	21NJDEP1	1000000090	
GATE0168	00940	CHLORIDE,TOTAL IN WATER MG/L	750225	0920	23000.0000000	21NJDEP1	1000000090	
GATE0168	00940	CHLORIDE,TOTAL IN WATER MG/L	750520	0900	37000.0000000	21NJDEP1	1000000090	
GATE0168	00940	CHLORIDE,TOTAL IN WATER MG/L	750605	0920	29500.0000000	21NJDEP1	1000000090	
GATE0168	00940	CHLORIDE,TOTAL IN WATER MG/L	750708	0930	23000.0000000	21NJDEP1	1000000090	
GATE0168	00940	CHLORIDE,TOTAL IN WATER MG/L	750902	1130	24700.0000000	21NJDEP1	1000000090	
GATE0168	00940	CHLORIDE,TOTAL IN WATER MG/L	750909	0915	25000.0000000	21NJDEP1	1000000090	

Water Quality Observations
Outside STORET Edit Criteria for GATE

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
GATE0168	00940	CHLORIDE,TOTAL IN WATER MG/L	760729	1205	25000.0000000	21NJDEP1	1000000090	
GATE0168	00940	CHLORIDE,TOTAL IN WATER MG/L	790618	1345	23000.0000000	21NJDEP1	1000000090	
GATE0168	00945	SULFATE, TOTAL (MG/L AS SO4)	781030	1245	3000.0000000	21NJDEP1	1000000090	
GATE0168	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	780911	1050	24908.0000000	21NJDEP1	1000000090	
GATE0168	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	781030	1245	26586.0000000	21NJDEP1	1000000090	
GATE0168	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	790320	1200	19544.0000000	21NJDEP1	1000000090	
GATE0168	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	790424	0930	19728.0000000	21NJDEP1	1000000090	
GATE0168	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	790614	1020	21040.0000000	21NJDEP1	1000000090	
GATE0168	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	810715	1045	26816.0000000	21NJDEP1	1000000090	
GATE0168	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	810930	1120	27900.0000000	21NJDEP1	1000000090	
GATE0169	00940	CHLORIDE,TOTAL IN WATER MG/L	760921	1105	23000.0000000	21NJDEP1	L6978336988	
GATE0169	00940	CHLORIDE,TOTAL IN WATER MG/L	770816	1125	22500.0000000	21NJDEP1	L6978336988	
GATE0169	00940	CHLORIDE,TOTAL IN WATER MG/L	770830	1030	24000.0000000	21NJDEP1	L6978336988	
GATE0180	00500	RESIDUE, TOTAL (MG/L)	740912	1205	41876.0000000	21NJDEP1	L6982137093	
GATE0180	00500	RESIDUE, TOTAL (MG/L)	741030	1120	39382.0000000	21NJDEP1	L6982137093	
GATE0180	00500	RESIDUE, TOTAL (MG/L)	750304	1201	56512.0000000	21NJDEP1	L6982137093	
GATE0180	00500	RESIDUE, TOTAL (MG/L)	750520	1215	22304.0000000	21NJDEP1	L6982137093	
GATE0180	00500	RESIDUE, TOTAL (MG/L)	750710	1215	58354.0000000	21NJDEP1	L6982137093	
GATE0180	00500	RESIDUE, TOTAL (MG/L)	761025	1100	58850.0000000	21NJDEP1	L6982137093	
GATE0180	00500	RESIDUE, TOTAL (MG/L)	770808	1200	68056.0000000	21NJDEP1	L6982137093	
GATE0180	00500	RESIDUE, TOTAL (MG/L)	771214	1230	50652.0000000	21NJDEP1	L6982137093	
GATE0180	00500	RESIDUE, TOTAL (MG/L)	780424	1145	37316.0000000	21NJDEP1	L6982137093	
GATE0180	00500	RESIDUE, TOTAL (MG/L)	780726	1200	45696.0000000	21NJDEP1	L6982137093	
GATE0180	00500	RESIDUE, TOTAL (MG/L)	790702	1200	42894.0000000	21NJDEP1	L6982137093	
GATE0180	00500	RESIDUE, TOTAL (MG/L)	790810	1015	48840.0000000	21NJDEP1	L6982137093	
GATE0180	00500	RESIDUE, TOTAL (MG/L)	791017	0920	37200.0000000	21NJDEP1	L6982137093	
GATE0180	00510	RESIDUE, TOTAL FIXED (MG/L)	740912	1205	22938.0000000	21NJDEP1	L6982137093	
GATE0180	00510	RESIDUE, TOTAL FIXED (MG/L)	741030	1120	26118.0000000	21NJDEP1	L6982137093	
GATE0180	00510	RESIDUE, TOTAL FIXED (MG/L)	750304	1201	26596.0000000	21NJDEP1	L6982137093	
GATE0180	00510	RESIDUE, TOTAL FIXED (MG/L)	750520	1215	20446.0000000	21NJDEP1	L6982137093	
GATE0180	00510	RESIDUE, TOTAL FIXED (MG/L)	750710	1215	26188.0000000	21NJDEP1	L6982137093	
GATE0180	00510	RESIDUE, TOTAL FIXED (MG/L)	761025	1100	32636.0000000	21NJDEP1	L6982137093	
GATE0180	00510	RESIDUE, TOTAL FIXED (MG/L)	770808	1200	26448.0000000	21NJDEP1	L6982137093	
GATE0180	00510	RESIDUE, TOTAL FIXED (MG/L)	771214	1230	27280.0000000	21NJDEP1	L6982137093	
GATE0180	00510	RESIDUE, TOTAL FIXED (MG/L)	780424	1145	22130.0000000	21NJDEP1	L6982137093	
GATE0180	00510	RESIDUE, TOTAL FIXED (MG/L)	780726	1200	27574.0000000	21NJDEP1	L6982137093	
GATE0180	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	790702	1200	29946.0000000	21NJDEP1	L6982137093	
GATE0180	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	790810	1015	30852.0000000	21NJDEP1	L6982137093	
GATE0180	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	791017	0920	32544.0000000	21NJDEP1	L6982137093	
GATE0211	00900	HARDNESS, TOTAL (MG/L AS CACO3)	860623	0900	5500.0000000	21NYDECA	17011200	
GATE0212	00900	HARDNESS, TOTAL (MG/L AS CACO3)	860623	0900	5500.0000000	21NYDEC1	21701232	

Water Quality Observations
Outside STORET Edit Criteria for GATE

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
GATE0246	00480	SALINITY - PARTS PER THOUSAND	760728	1130	40.3000000	21NJDEP1	L6992337171	
GATE0246	00480	SALINITY - PARTS PER THOUSAND	760921	1145	96.6000000	21NJDEP1	L6992337171	
GATE0246	00940	CHLORIDE,TOTAL IN WATER MG/L	760728	1130	24500.0000000	21NJDEP1	L6992337171	
GATE0246	00940	CHLORIDE,TOTAL IN WATER MG/L	770111	1215	25500.0000000	21NJDEP1	L6992337171	
GATE0246	00940	CHLORIDE,TOTAL IN WATER MG/L	770802	1100	22500.0000000	21NJDEP1	L6992337171	
GATE0246	00940	CHLORIDE,TOTAL IN WATER MG/L	770809	0940	23000.0000000	21NJDEP1	L6992337171	
GATE0246	00940	CHLORIDE,TOTAL IN WATER MG/L	770816	1135	22500.0000000	21NJDEP1	L6992337171	
GATE0246	00940	CHLORIDE,TOTAL IN WATER MG/L	770823	1035	24500.0000000	21NJDEP1	L6992337171	
GATE0246	00940	CHLORIDE,TOTAL IN WATER MG/L	770830	1045	24500.0000000	21NJDEP1	L6992337171	
GATE0246	00940	CHLORIDE,TOTAL IN WATER MG/L	770920	1040	23500.0000000	21NJDEP1	L6992337171	
GATE0282	00480	SALINITY - PARTS PER THOUSAND	750805	1300	59.3000000	21NJDEP1	L6998737165	
GATE0282	00480	SALINITY - PARTS PER THOUSAND	750807	1300	74.9000000	21NJDEP1	L6998737165	
GATE0282	00500	RESIDUE, TOTAL (MG/L)	750610	1010	56780.0000000	21NJDEP1	L6998737165	
GATE0282	00500	RESIDUE, TOTAL (MG/L)	750617	1300	41944.0000000	21NJDEP1	L6998737165	
GATE0282	00940	CHLORIDE,TOTAL IN WATER MG/L	740723	1230	23000.0000000	21NJDEP1	L6998737165	
GATE0282	00940	CHLORIDE,TOTAL IN WATER MG/L	741001	0930	22500.0000000	21NJDEP1	L6998737165	
GATE0282	00940	CHLORIDE,TOTAL IN WATER MG/L	750708	1245	37500.0000000	21NJDEP1	L6998737165	
GATE0282	00940	CHLORIDE,TOTAL IN WATER MG/L	750805	1300	36000.0000000	21NJDEP1	L6998737165	
GATE0282	00940	CHLORIDE,TOTAL IN WATER MG/L	750807	1300	45500.0000000	21NJDEP1	L6998737165	
GATE0295	00500	RESIDUE, TOTAL (MG/L)	761025	1130	46804.0000000	21NJDEP1	L7004937345	
GATE0295	00500	RESIDUE, TOTAL (MG/L)	770808	1000	42856.0000000	21NJDEP1	L7004937345	
GATE0295	00500	RESIDUE, TOTAL (MG/L)	771215	1100	49776.0000000	21NJDEP1	L7004937345	
GATE0295	00500	RESIDUE, TOTAL (MG/L)	780424	1030	40778.0000000	21NJDEP1	L7004937345	
GATE0295	00500	RESIDUE, TOTAL (MG/L)	780726	1130	40216.0000000	21NJDEP1	L7004937345	
GATE0295	00510	RESIDUE, TOTAL FIXED (MG/L)	761025	1130	26848.0000000	21NJDEP1	L7004937345	
GATE0295	00510	RESIDUE, TOTAL FIXED (MG/L)	770808	1000	26194.0000000	21NJDEP1	L7004937345	
GATE0295	00510	RESIDUE, TOTAL FIXED (MG/L)	771215	1100	28124.0000000	21NJDEP1	L7004937345	
GATE0295	00510	RESIDUE, TOTAL FIXED (MG/L)	780424	1030	20922.0000000	21NJDEP1	L7004937345	
GATE0295	00510	RESIDUE, TOTAL FIXED (MG/L)	780726	1130	27672.0000000	21NJDEP1	L7004937345	
GATE0296	00480	SALINITY - PARTS PER THOUSAND	750909	1410	45.3000000	21NJDEP1	1000800190	
GATE0296	00480	SALINITY - PARTS PER THOUSAND	751112	1015	43.6000000	21NJDEP1	1000800190	
GATE0296	00500	RESIDUE, TOTAL (MG/L)	750610	1050	41940.0000000	21NJDEP1	1000800190	
GATE0296	00500	RESIDUE, TOTAL (MG/L)	750617	0930	22724.0000000	21NJDEP1	1000800190	
GATE0296	00500	RESIDUE, TOTAL (MG/L)	780911	1200	30834.0000000	21NJDEP1	1000800190	
GATE0296	00500	RESIDUE, TOTAL (MG/L)	781030	1350	26214.0000000	21NJDEP1	1000800190	
GATE0296	00500	RESIDUE, TOTAL (MG/L)	790320	1210	34908.0000000	21NJDEP1	1000800190	
GATE0296	00500	RESIDUE, TOTAL (MG/L)	790424	1045	23550.0000000	21NJDEP1	1000800190	
GATE0296	00500	RESIDUE, TOTAL (MG/L)	790614	1130	25192.0000000	21NJDEP1	1000800190	
GATE0296	00500	RESIDUE, TOTAL (MG/L)	810715	1145	30676.0000000	21NJDEP1	1000800190	
GATE0296	00500	RESIDUE, TOTAL (MG/L)	810930	1215	49316.0000000	21NJDEP1	1000800190	
GATE0296	00940	CHLORIDE,TOTAL IN WATER MG/L	740702	1000	23000.0000000	21NJDEP1	1000800190	

Water Quality Observations
Outside STORET Edit Criteria for GATE

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
GATE0296	00940	CHLORIDE,TOTAL IN WATER MG/L	740723	1010	27500.0000000	21NJDEP1	1000800190	
GATE0296	00940	CHLORIDE,TOTAL IN WATER MG/L	740730		22500.0000000	21NJDEP1	1000800190	
GATE0296	00940	CHLORIDE,TOTAL IN WATER MG/L	740924	1000	29000.0000000	21NJDEP1	1000800190	
GATE0296	00940	CHLORIDE,TOTAL IN WATER MG/L	750708	1000	56500.0000000	21NJDEP1	1000800190	
GATE0296	00940	CHLORIDE,TOTAL IN WATER MG/L	750909	1410	27300.0000000	21NJDEP1	1000800190	
GATE0296	00940	CHLORIDE,TOTAL IN WATER MG/L	751112	1015	26300.0000000	21NJDEP1	1000800190	
GATE0296	00940	CHLORIDE,TOTAL IN WATER MG/L	751125	0955	23200.0000000	21NJDEP1	1000800190	
GATE0296	00945	SULFATE, TOTAL (MG/L AS SO4)	781030	1350	2950.0000000	21NJDEP1	1000800190	
GATE0296	00945	SULFATE, TOTAL (MG/L AS SO4)	810930	1215	2750.0000000	21NJDEP1	1000800190	
GATE0296	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	780911	1200	23912.0000000	21NJDEP1	1000800190	
GATE0296	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	781030	1350	25878.0000000	21NJDEP1	1000800190	
GATE0296	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	790320	1210	17594.0000000	21NJDEP1	1000800190	
GATE0296	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	790424	1045	17796.0000000	21NJDEP1	1000800190	
GATE0296	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	790614	1130	20956.0000000	21NJDEP1	1000800190	
GATE0296	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	810715	1145	26142.0000000	21NJDEP1	1000800190	
GATE0296	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	810930	1215	27364.0000000	21NJDEP1	1000800190	
GATE0299	00500	RESIDUE, TOTAL (MG/L)	640825	1223	15140.0000000	1111H030	402644007400590	
GATE0310	00500	RESIDUE, TOTAL (MG/L)	770808	1100	68318.0000000	21NJDEP1	L6998736978	
GATE0310	00500	RESIDUE, TOTAL (MG/L)	771214	1145	39158.0000000	21NJDEP1	L6998736978	
GATE0310	00500	RESIDUE, TOTAL (MG/L)	780424	1230	39486.0000000	21NJDEP1	L6998736978	
GATE0310	00500	RESIDUE, TOTAL (MG/L)	780726	1250	38732.0000000	21NJDEP1	L6998736978	
GATE0310	00510	RESIDUE, TOTAL FIXED (MG/L)	770808	1100	27230.0000000	21NJDEP1	L6998736978	
GATE0310	00510	RESIDUE, TOTAL FIXED (MG/L)	771214	1145	21806.0000000	21NJDEP1	L6998736978	
GATE0310	00510	RESIDUE, TOTAL FIXED (MG/L)	780424	1230	20486.0000000	21NJDEP1	L6998736978	
GATE0310	00510	RESIDUE, TOTAL FIXED (MG/L)	780726	1250	27206.0000000	21NJDEP1	L6998736978	
GATE0318	00500	RESIDUE, TOTAL (MG/L)	761025	1030	31752.0000000	21NJDEP1	L7007737223	
GATE0318	00500	RESIDUE, TOTAL (MG/L)	770808	1030	58136.0000000	21NJDEP1	L7007737223	
GATE0318	00500	RESIDUE, TOTAL (MG/L)	771214	1115	40930.0000000	21NJDEP1	L7007737223	
GATE0318	00500	RESIDUE, TOTAL (MG/L)	780424	1100	27790.0000000	21NJDEP1	L7007737223	
GATE0318	00500	RESIDUE, TOTAL (MG/L)	780531	1230	22526.0000000	21NJDEP1	L7007737223	
GATE0318	00500	RESIDUE, TOTAL (MG/L)	780629	1130	33866.0000000	21NJDEP1	L7007737223	
GATE0318	00500	RESIDUE, TOTAL (MG/L)	780711	1000	40416.0000000	21NJDEP1	L7007737223	
GATE0318	00500	RESIDUE, TOTAL (MG/L)	780724	1145	16852.0000000	21NJDEP1	L7007737223	
GATE0318	00500	RESIDUE, TOTAL (MG/L)	780726	1220	42344.0000000	21NJDEP1	L7007737223	
GATE0318	00500	RESIDUE, TOTAL (MG/L)	780911	1000	40416.0000000	21NJDEP1	L7007737223	
GATE0318	00500	RESIDUE, TOTAL (MG/L)	781030	1145	59894.0000000	21NJDEP1	L7007737223	
GATE0318	00500	RESIDUE, TOTAL (MG/L)	790320	1115	37688.0000000	21NJDEP1	L7007737223	
GATE0318	00500	RESIDUE, TOTAL (MG/L)	790424	0845	44432.0000000	21NJDEP1	L7007737223	
GATE0318	00500	RESIDUE, TOTAL (MG/L)	790614	0945	30890.0000000	21NJDEP1	L7007737223	
GATE0318	00500	RESIDUE, TOTAL (MG/L)	810715	1005	33300.0000000	21NJDEP1	L7007737223	
GATE0318	00500	RESIDUE, TOTAL (MG/L)	810930	1030	43280.0000000	21NJDEP1	L7007737223	

Water Quality Observations
Outside STORET Edit Criteria for GATE

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
GATE0318	00510	RESIDUE, TOTAL FIXED (MG/L)	761025	1030	21906.0000000	21NJDEP1	L7007737223	
GATE0318	00510	RESIDUE, TOTAL FIXED (MG/L)	770808	1030	25808.0000000	21NJDEP1	L7007737223	
GATE0318	00510	RESIDUE, TOTAL FIXED (MG/L)	771214	1115	20678.0000000	21NJDEP1	L7007737223	
GATE0318	00510	RESIDUE, TOTAL FIXED (MG/L)	780424	1100	20134.0000000	21NJDEP1	L7007737223	
GATE0318	00510	RESIDUE, TOTAL FIXED (MG/L)	780726	1220	27118.0000000	21NJDEP1	L7007737223	
GATE0318	00940	CHLORIDE,TOTAL IN WATER MG/L	810930	1030	25000.0000000	21NJDEP1	L7007737223	
GATE0318	00945	SULFATE, TOTAL (MG/L AS SO4)	810715	1005	2550.0000000	21NJDEP1	L7007737223	
GATE0318	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	780711	1000	28186.0000000	21NJDEP1	L7007737223	
GATE0318	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	780911	1000	28186.0000000	21NJDEP1	L7007737223	
GATE0318	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	781030	1145	27496.0000000	21NJDEP1	L7007737223	
GATE0318	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	790320	1115	21322.0000000	21NJDEP1	L7007737223	
GATE0318	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	790424	0845	21436.0000000	21NJDEP1	L7007737223	
GATE0318	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	790614	0945	24308.0000000	21NJDEP1	L7007737223	
GATE0318	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	810715	1005	28332.0000000	21NJDEP1	L7007737223	
GATE0318	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	810930	1030	28474.0000000	21NJDEP1	L7007737223	
GATE0337	00910	CALCIUM (MG/L AS CACO3)	680709	0920	12300.0000000	1111H030	403410007402100	
GATE0337	00910	CALCIUM (MG/L AS CACO3)	680709	0920	15600.0000000	1111H030	403410007402100	
GATE0348	00910	CALCIUM (MG/L AS CACO3)	680709	0910	13200.0000000	1111H030	403510007402250	
GATE0348	00910	CALCIUM (MG/L AS CACO3)	680709	0910	13900.0000000	1111H030	403510007402250	
GATE0360	00437	ACIDITY, CO2 (PHENOLPHTHALEIN) (MG/L AS CACO3)	650106	1353	4700.0000000	1111H030	403628007402470	
GATE0360	00910	CALCIUM (MG/L AS CACO3)	680709	0820	13800.0000000	1111H030	403628007402470	
GATE0360	00910	CALCIUM (MG/L AS CACO3)	680709	0820	17500.0000000	1111H030	403628007402470	
GATE0360	01051	LEAD, TOTAL (UG/L AS PB)	720321	1445	3200.0000000	1111H030	403628007402470	
GATE0366	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	831017	0930	57.0000000	21NJDEP1	L7014037156	X
GATE0372	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	831017	0932	57.0000000	21NJDEP1	L7016737211	X
GATE0374	00940	CHLORIDE,TOTAL IN WATER MG/L	760720	0945	23500.0000000	21NJDEP1	L7014537127	
GATE0374	00940	CHLORIDE,TOTAL IN WATER MG/L	760727	1500	25500.0000000	21NJDEP1	L7014537127	
GATE0386	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	831017	0934	57.0000000	21NJDEP1	L7019337263	X
GATE0393	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	831017	0936	57.0000000	21NJDEP1	L7022037317	X
GATE0398	00910	CALCIUM (MG/L AS CACO3)	680709	0800	12200.0000000	1111H030	403800007403250	
GATE0398	00910	CALCIUM (MG/L AS CACO3)	680709	0800	14600.0000000	1111H030	403800007403250	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	641019	1115	37620.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	641019	1145	43060.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	641026	1515	33320.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	641026	1520	31220.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	641102	1430	30530.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	641102	1445	28890.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	641109	1455	37890.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	641109	1515	48850.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	641116	1415	28980.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	641116	1430	28000.0000000	1111H030	403645007403380	

Water Quality Observations
Outside STORET Edit Criteria for GATE

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	641123	1030	31280.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	641123	1055	31670.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	641130	1040	28970.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	641130	1100	29750.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	641207	1020	28040.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	641207	1045	28670.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	641214	1030	26490.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	641214	1050	26900.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	641221	0950	26540.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	641221	1010	28230.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	641228	0945	24430.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	641228	1005	24950.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	650104	0945	26080.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	650104	1010	26130.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	650112	1050	25540.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	650112	1110	25760.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	650118	1030	32540.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	650118	1045	23910.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	650120	1100	27700.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	650125	1035	27700.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	650201	1015	30190.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	650201	1030	29050.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	650208	1015	27550.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	650208	1045	29310.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	650215	1035	24900.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	650215	1105	25600.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	650301	1240	24110.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	650301	1248	24900.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	650308	1040	26910.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	650308	1105	27390.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	650315	1320	22890.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	650315	1330	22640.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	650322	1025	25530.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	650322	1035	25730.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	650329	0950	22880.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	650329	1015	23500.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	650405	1015	26940.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	650405	1030	27270.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	650412	0940	27630.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	650412	0955	27640.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	650419	1005	26540.0000000	1111H030	403645007403380	

Water Quality Observations
Outside STORET Edit Criteria for GATE

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	650419	1020	26010.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	650503	1020	27250.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	650503	1030	24570.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	650510	0830	22500.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	650510	0840	20650.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	650517	0855	27350.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	650517	0910	27050.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	650524	1140	27630.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	650524	1150	32300.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	650601	1230	25350.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	650601	1245	27950.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	650607	0850	26110.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	650607	0900	26610.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	650614	0855	29470.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	650614	0905	29350.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	650621	0900	27100.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	650624	0920	26670.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	650628	1115	29250.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	650628	1125	29840.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	650706	0855	28650.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	650706	0855	20190.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	650712	1135	27620.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	650712	1145	27240.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	650726	1200	26970.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	650726	1200	24280.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	650802	1045	30150.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	650802	1050	29420.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	650816	0900	33240.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	650816	0915	31140.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	650823	1245	28900.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	650823	1300	29530.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	650830	0935	27830.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	650830	0950	28730.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	650907	1150	30040.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	650907	1205	29320.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	650913	0940	30580.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	650913	1000	30730.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	650920	0915	26140.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	650920	0930	26930.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	650927	0900	30600.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	650927	0915	30260.0000000	1111H030	403645007403380	

Water Quality Observations
Outside STORET Edit Criteria for GATE

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	651004	0930	27720.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	651004	0930	28200.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	651011	0935	26370.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	651011	0955	26350.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	651018	0925	24360.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	651018	0940	24240.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	651025	1010	27990.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	651025	1030	28130.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	651101	1020	24410.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	651101	1040	26460.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	651109	1015	26500.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	651109	1035	24410.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	651115	1000	26650.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	651115	1015	29710.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	651122	1045	27400.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	651122	1110	27270.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	651129	1015	27100.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	651129	1030	26680.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	651207	1000	26080.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	651207	1015	26050.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	651213	0955	28400.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	651220	0940	26100.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	651220	1015	26120.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	651227	1010	26120.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	651227	1025	26100.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	660103	1030	22300.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	660103	1050	22100.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	660110	1000	29800.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	660110	1010	29800.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	660117	0945	26100.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	660117	1000	26400.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	660124	1030	27400.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	660124	1100	27100.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	660201	1030	26500.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	660201	1045	26600.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	660207	1045	30400.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	660207	1045	31500.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	660214	1030	23400.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	660214	1045	23200.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	660221	1000	27700.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	660221	1030	27100.0000000	1111H030	403645007403380	

Water Quality Observations
Outside STORET Edit Criteria for GATE

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	660228	1000	24800.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	660228	1015	23800.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	660307	1030	26500.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	660307	1045	22700.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	660314	1000	22200.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	660314	1015	20900.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	660321	1045	26500.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	660321	1045	25500.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	660404	1030	26000.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	660404	1100	25300.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	660531	0920	26300.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	660531	0940	27000.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	660906	0900	28600.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	660906	0940	31000.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	670109	1100	29100.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	670109	1125	28500.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	670501	0930	21000.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	670619	1000	26600.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	670619	1030	26300.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	670905	1000	27900.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	670905	1000	29900.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	671211	1015	20400.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	671211	1030	23200.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	680311	1040	23200.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	680311	1110	23700.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	680603	1005	22000.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	680903	1000	27800.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	680903	1015	27300.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	690609	0935	26500.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	690609	0950	23000.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	690922	0850	27170.0000000	1111H030	403645007403380	
GATE0401	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	690922	0910	27490.0000000	1111H030	403645007403380	
GATE0401	00900	HARDNESS, TOTAL (MG/L AS CACO3)	641019	1145	5800.0000000	1111H030	403645007403380	
GATE0401	00900	HARDNESS, TOTAL (MG/L AS CACO3)	641109	1455	5100.0000000	1111H030	403645007403380	
GATE0401	00900	HARDNESS, TOTAL (MG/L AS CACO3)	641109	1515	5200.0000000	1111H030	403645007403380	
GATE0401	00900	HARDNESS, TOTAL (MG/L AS CACO3)	641116	1415	5120.0000000	1111H030	403645007403380	
GATE0401	00900	HARDNESS, TOTAL (MG/L AS CACO3)	641123	1030	5380.0000000	1111H030	403645007403380	
GATE0401	00900	HARDNESS, TOTAL (MG/L AS CACO3)	641123	1055	5200.0000000	1111H030	403645007403380	
GATE0401	00900	HARDNESS, TOTAL (MG/L AS CACO3)	641130	1040	5200.0000000	1111H030	403645007403380	
GATE0401	00900	HARDNESS, TOTAL (MG/L AS CACO3)	641207	1020	5100.0000000	1111H030	403645007403380	
GATE0401	00900	HARDNESS, TOTAL (MG/L AS CACO3)	641207	1045	5050.0000000	1111H030	403645007403380	

Water Quality Observations
Outside STORET Edit Criteria for GATE

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
GATE0401	00900	HARDNESS, TOTAL (MG/L AS CACO3)	641221	0950	5560.0000000	1111H030	403645007403380	
GATE0401	00900	HARDNESS, TOTAL (MG/L AS CACO3)	641221	1010	5650.0000000	1111H030	403645007403380	
GATE0401	00900	HARDNESS, TOTAL (MG/L AS CACO3)	650112	1050	5330.0000000	1111H030	403645007403380	
GATE0401	00900	HARDNESS, TOTAL (MG/L AS CACO3)	650112	1110	5410.0000000	1111H030	403645007403380	
GATE0401	00900	HARDNESS, TOTAL (MG/L AS CACO3)	650118	1030	5500.0000000	1111H030	403645007403380	
GATE0401	00900	HARDNESS, TOTAL (MG/L AS CACO3)	650118	1045	6000.0000000	1111H030	403645007403380	
GATE0401	00900	HARDNESS, TOTAL (MG/L AS CACO3)	650125	1035	5400.0000000	1111H030	403645007403380	
GATE0401	00900	HARDNESS, TOTAL (MG/L AS CACO3)	650201	1015	5710.0000000	1111H030	403645007403380	
GATE0401	00900	HARDNESS, TOTAL (MG/L AS CACO3)	650201	1030	5300.0000000	1111H030	403645007403380	
GATE0401	00900	HARDNESS, TOTAL (MG/L AS CACO3)	650208	1015	5177.0000000	1111H030	403645007403380	
GATE0401	00900	HARDNESS, TOTAL (MG/L AS CACO3)	650208	1045	5022.0000000	1111H030	403645007403380	
GATE0401	00900	HARDNESS, TOTAL (MG/L AS CACO3)	650607	0900	5300.0000000	1111H030	403645007403380	
GATE0401	00900	HARDNESS, TOTAL (MG/L AS CACO3)	650628	1115	5800.0000000	1111H030	403645007403380	
GATE0401	00900	HARDNESS, TOTAL (MG/L AS CACO3)	650628	1125	5760.0000000	1111H030	403645007403380	
GATE0401	00900	HARDNESS, TOTAL (MG/L AS CACO3)	650706	0855	5540.0000000	1111H030	403645007403380	
GATE0401	00900	HARDNESS, TOTAL (MG/L AS CACO3)	650802	1045	5350.0000000	1111H030	403645007403380	
GATE0401	00900	HARDNESS, TOTAL (MG/L AS CACO3)	650802	1050	5350.0000000	1111H030	403645007403380	
GATE0401	00900	HARDNESS, TOTAL (MG/L AS CACO3)	650816	0900	5050.0000000	1111H030	403645007403380	
GATE0401	00900	HARDNESS, TOTAL (MG/L AS CACO3)	650816	0915	5100.0000000	1111H030	403645007403380	
GATE0401	00900	HARDNESS, TOTAL (MG/L AS CACO3)	650830	0950	5050.0000000	1111H030	403645007403380	
GATE0401	00900	HARDNESS, TOTAL (MG/L AS CACO3)	651109	1015	5187.0000000	1111H030	403645007403380	
GATE0401	00900	HARDNESS, TOTAL (MG/L AS CACO3)	651109	1035	5214.0000000	1111H030	403645007403380	
GATE0401	00900	HARDNESS, TOTAL (MG/L AS CACO3)	660207	1045	5310.0000000	1111H030	403645007403380	
GATE0401	00900	HARDNESS, TOTAL (MG/L AS CACO3)	660207	1045	5520.0000000	1111H030	403645007403380	
GATE0401	00900	HARDNESS, TOTAL (MG/L AS CACO3)	660221	1000	5300.0000000	1111H030	403645007403380	
GATE0401	00900	HARDNESS, TOTAL (MG/L AS CACO3)	660314	1000	6310.0000000	1111H030	403645007403380	
GATE0401	00945	SULFATE, TOTAL (MG/L AS SO4)	650712	1135	2744.0000000	1111H030	403645007403380	
GATE0401	00945	SULFATE, TOTAL (MG/L AS SO4)	650712	1145	2589.0000000	1111H030	403645007403380	
GATE0425	00080	COLOR (PLATINUM-COBALT UNITS)	830804		550.0000000	11NPSWRD	GATE_SI-6	

APPENDICES

Appendix A

Computer Files Transmitted With

Park Baseline Water Quality Data Inventory and Analysis

Computer disk(s) accompanying this report include up to seven (depending on the presence or absence of certain data elements) compressed (ZIP) files containing digital copies of nearly all the tables, figures, and other materials used to produce this report. To decompress these files, you must use the commonly available shareware program PKUNZIP. The command to type at the DOS prompt is:

PKUNZIP -E *COMPRESS.ZIP FILENAME.EXT*

where COMPRESS.ZIP is the name of one of the seven compressed (ZIP) files listed below and FILENAME.EXT is the name of the file you wish to extract. If you want to decompress all of the files in COMPRESS.ZIP, simply omit the FILENAME.EXT. To obtain a listing of all the files compressed into a particular ZIP file, type the following:

PKUNZIP -V *COMPRESS.ZIP* |MORE

where COMPRESS.ZIP is the name of one of the seven compressed ZIP files listed below. If a ZIP file spans multiple disks, use the last disk of the series (span) when obtaining a listing of all the files compressed into a particular ZIP file. Once you see the file you wish to obtain, substitute this file name for FILENAME.EXT in the first command line above to extract and decompress this particular file.

Included on one of the disk(s) accompanying this report is a program named PRINTZIP. This program will decompress ZIP files which don't span multiple disks and print certain files to a Hewlett-Packard (or compatible) Laser Printer. To use PRINTZIP, however, you must still have a copy of PKUNZIP in a directory listed in your path or in the same directory as the PRINTZIP program. PRINTZIP provides an easy, menu-driven interface for using PKUNZIP to decompress files and then send them to the printer. PRINTZIP allows you to send individual files, groups of files, or all files to the printer. PRINTZIP will not work with ZIP files that span multiple disks.

The following compressed (ZIP) files are included on the disk(s) accompanying this report:

(1) GATETABS.ZIP

This compressed file contains all the tables presented in the report. The files compressed into this file include:

(a) GATESITE.DOC - Descriptive listing of select fields from the industrial facilities discharges, drinking water intakes, and EPA-USGS stream gages databases.

(b) GATEAGNC.DOC - Contacts for agencies whose data were retrieved within the study area.

(c) GATEAGNQ.DOC - Number of stations, observations, and parameters retrieved by agency code within the study area and park.

(d) GATEOV0.DOC - Overview of park and retrieved data.

(e) GATEOV1.DOC - Station period of record table.

(f) GATEOV2.DOC - Parameter period of record table.

(g) GATEOV3.DOC - Station/parameter period of record table.

(h) GATEINV.DOC - Station by station descriptive statistics over the entire period of record and comparison against EPA Water Quality Criteria for each station.

(i) GATESEAN.DOC - Seasonal and annual water quality descriptive statistics at stations with water quality data meeting the default seasonal and annual criteria.

(j) GATEEPAS.DOC - EPA Water Quality Criteria comparison for data at all stations combined within the study area.

(k) GATEIDEA.DOC - Comparison of downloaded STORET data with NPS Servicewide Inventory and Monitoring Program "Level I" water quality parameters.

(l) GATEBAD.DOC - Water quality observation values that were outside the range of one of 190 STORET edit criteria and were either discarded or retained.

All these compressed document files are in ASCII format and contain printer codes appropriate to Hewlett-Packard (or compatible) Laser Printers. While at the DOS prompt, any of these document files may be printed directly to a Hewlett-Packard (or compatible) Laser Printer by using the PRINT command. For example, if the document GATEOV1.DOC is in the subdirectory C:\WATER, you could type: PRINT C:\WATER\GATEOV1.DOC. This will print the file to your local or networked Hewlett-Packard (or compatible) Laser Printer attached to parallel port one (LPT1:). Alternatively, you can use the PRINTZIP program to decompress and print any of these files provided the ZIP file doesn't span multiple disks. These ASCII files can also be imported into word-processed documents, but the printer codes will then have to be removed.

(2) GATEFIGS.ZIP

This compressed file contains graphics files for all the statistical figures (time series plots; annual box and whiskers plots; seasonal box and whiskers plots) in the report in two different formats: Computer Graphic Metafile (CGM) and Hewlett-Packard Printer Control Language (PCL). The files are named with the last three digits of the Station Name followed by the five digit STORET code. The file name extension begins with either a 1 (time series), 2 (annual), or 3 (seasonal) and then either GM for CGM or CL for PCL. For example, 00100300.2GM would denote the file contains an annual box and whiskers plot in CGM format for parameter 00300 (dissolved oxygen) at station GATE0001. While at the DOS prompt, any PCL file can be printed directly to a Hewlett-Packard (or compatible) Laser Printer by using the COPY command. For example, if the graphic 00100300.2CL (an annual box and whiskers plot of parameter 00300, dissolved oxygen, at station GATE0001) is in the subirectory C:\WATER, you would type: COPY C:\WATER\00100300.2CL LPT1: /B. This will print the file to your local or networked Hewlett-Packard (or compatible) Laser Printer attached to parallel port one (LPT1:). The /B is necessary because the PCL file is in a binary format. Alternatively, you can use the PRINTZIP program to decompress and print any of the PCL files provided the ZIP file doesn't span multiple disks. The CGM files can be imported and/or edited in most graphics packages, including WordPerfect.

(3) GATEPARM.ZIP

This file compresses GATEPARM.DBF which contains all the actual values (raw data) of all the water quality data downloaded from STORET and summarized in the report. The detailed database structure for this file is contained in Appendix B.

(4) GATESITE.ZIP

This compressed file contains up to five geo-referenced, DBASE III+ compatible site (point location) files documenting the location in the study area of water quality monitoring stations, industrial facilities discharges, drinking water intakes, water gages, and water impoundments. These files include:

(a) GATEWQ.DBF - All water quality monitoring station locations within the project's study area downloaded from STORET.

(b) GATEIFD.DBF - All municipal and industrial facility discharges within the project's study area downloaded from the IFD database.

(c) GATEDRIN.DBF - All drinking water intakes within the project's study area downloaded from the DRINKS database.

(d) GATEGAGE.DBF - All water gages within the project's study area downloaded from the GAGES database.

(e) GATEDAMS.DBF - All water impoundments within the project's study area downloaded from the DAMS database.

The absence of any of these files indicates that none of the particular sites were found within the study area. Detailed database structures for each of these files are contained in Appendix B.

(5) GATEMISC.ZIP

This compressed file contains a variety of graphic and document files that are contained in the report. They are grouped into this miscellaneous compressed (ZIP) file because they don't fit neatly into any of the other compressed files. The files contained in this compressed file include:

(a) GATEEXEC.DOC - WordPerfect Ver. 5.1 copy of the Executive Summary in the report.

(b) GATETOC.DOC - WordPerfect Ver. 5.1 copy of the report's Table of Contents.

(c) INTRO.DOC - WordPerfect Ver. 5.1 copy of all the text in the report from the Introduction through the Interpretive Guide to Water Quality Results.

(d) APPENDIX.DOC - WordPerfect Ver. 5.1 copy of all the Appendices in the report.

(e) GATEREGI - PCL and CLP (Windows Clipboard) copies of map displaying the regional location of the park and study area.

(f) GATEWQ - PCL and CLP (Windows Clipboard) copies of park maps displaying water quality station locations within the park's study area. If, due to scaling and aesthetic concerns, multiple maps were needed, these files will have alphabetically ordered suffixes (GATEWQA, GATEWQB, GATEWQC, etc.) and the index map name will end with an ampersand (&).

(g) GATEIDG - PCL and CLP (Windows Clipboard) copies of park maps displaying locations of industrial facilities discharges, drinking water intakes, and stream gages within the park's study area. If, due to scaling and aesthetic concerns, multiple maps were needed, these files will have alphabetically ordered suffixes (GATEIDGA, GATEIDGB, GATEIDGC, etc.) and the index map name will end with an ampersand (&). If no industrial facilities discharges, drinking water intakes, water gages, or water impoundments exist within the park's study area, these files will not be in the compressed (ZIP) file.

(h) GATESEHY - PCL and CLP (Windows Clipboard) copies of the hydrographs or other materials used by WRD staff as the basis for a first attempt at a seasonal analysis of the park's water quality data.

Other materials may also be included in this miscellaneous compressed (ZIP) file as warranted by conditions at the park. As with GATEFIGS.ZIP and GATETABS.ZIP, you can use the PRINTZIP program to print any of the PCL files in GATEMISC.ZIP provided the ZIP file doesn't span multiple disks. You should not, however, use PRINTZIP to print the WordPerfect document files. The CLP (Windows Clipboard) files can be imported (pasted) and/or edited in most Windows-based word processors and graphics packages.

(6) GATERF3.ZIP

This compressed file contains the Environmental Protection Agency's River Reach File Ver. 3.0 provisional data for the USGS catalog unit(s) encompassing the study area. The attribute data exist in both ASCII and DBASE III+ format, while the geographic traces exist in ASCII format. This compressed file contains four files for each catalog unit that touches the study area. Catalog units are identified by unique 8-character numeric names which identify the region, subregion, accounting unit, and catalog unit. Examples (your 8-character numeric names will be different) of the file types included in this compressed file are:

(a) 12345678.RF3 - ASCII formatted attribute file from the River Reach File for all hydrographic traces within the catalog unit.

(b) 12345678.DBF - DBASE III+ formatted attribute file from the River Reach File for all hydrographic traces within the catalog unit.

(c) 12345678.TRC - ASCII formatted geographic file from the River Reach File containing digital, geo-referenced descriptions of all hydrographic traces within the catalog unit at a scale of 1:100,000 suitable for import into a geographic information system.

(d) 12345678.CUB - ASCII formatted geographic file from the River Reach File containing a digital, geo-referenced description of the catalog unit boundary suitable for import into a geographic information system.

Detailed database structures for RF3-related files are contained in Appendix B.

(7) GATEWQMW.ZIP

Between 2000 and 2002, all Baseline Water Quality Data Inventory and Analysis Reports were compiled or re-compiled in Microsoft Word 2000 (Ver. 9.0) format. This complete, digital version of the report will be made available through various means, including the Internet. Although the reports can be opened in Microsoft Word 1997 (Ver. 8.0), the time series and annual and seasonal box-plots may not be centered appropriately on a page due to discrepancies with how Word 2000 formats pictures and how Word 1997 formatted pictures. Consequently, Word 2000 is the recommended software for viewing the report. Prior to printing the report from Word, be sure to enable "Print Text as Graphics" or "Print True Type Font as Graphics" in the Printer Properties. This ensures a more faithful reproduction of the maps included in the Word document.

The Microsoft Word version of the Baseline Water Quality Data Inventory and Analysis Report may differ slightly from the original analog version. Reports issued during 1994-1996 didn't have as many "bells-and-whistles" as subsequent reports. In compiling digital Microsoft Word versions of these earlier reports, attempts were made to bring these 1994-1996 reports up to the current standard wherever feasible and practicable. Unfortunately, some changes were not feasible or practicable. For example, water quality criteria screens were added or modified over time when newer criteria became available. The digital Microsoft Word version of Appendix F presents the latest criteria screening parameters and values. Some of these parameters and/or values may not have been screened against in the EPA water quality criteria analyses for each station and the entire study area in the 1994-1996 analog versions of the report. Similarly, the Introduction, Methodology, and Interpretive Guide to Water Quality Results may mention certain features that aren't included in the 1994-1996 reports. Additionally, to prepare a Microsoft Word version of this report, data were processed through different versions of software than used originally. Consequently, some results presented in the Overview and Executive Summary may differ slightly from those presented in the analog report (eg. # of In Park and Longer Term Stations).

Appendix B

Water Quality Database File Structures

The following table provides the DBASE III+ database field structure for all the water quality parameter data downloaded from STORET. This data will allow parks or other interested parties to replicate the statistical analyses and graphics contained in this report; perform more sophisticated analyses; or to establish a baseline park water quality database.

Parameter Data File: GATEPARM.DBF in GATEPARM.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
NPSSTATID	1	8	8	NPS Station ID (NPS park code + 4 digit sequence number)
BEGDATE	9	14	6	Measurement Start Date [yymmdd]
BEGTIME	15	18	4	Measurement Start Time [hhmm]
PARMCODE	19	23	5	STORET Parameter Code
PARMVALU	24	39	16.7	Parameter Value
REMARK	40	40	1	Parameter Remark Value
				A=Value is Mean of 2 or More Determinations
				B=Results Based Upon Colony Counts Outside Acceptable Range
				C=Value Calculated
				D=Field Measurement
				E=Extra Sample Taken in Compositing Process
				F=Female Species
				G=Maximum of 2 or More Determinations
				H=Based on Field Kit Determination
				I=Value is Less Than Practical Quantitation Limit and Greater Than or Equal to the Method Detection Limit
				J=Estimated, Not the Result of Analytic Measurement
				K=Off-scale Low, Actual Value Not Known, But Known to be Less Than Value Shown
				L=Off-scale High, Actual Value Not Known, But Known to be Greater Than Value Shown

Parameter Data File: GATEPARM.DBF in GATEPARM.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
				M=Presence Verified, But Not Quantified, Below Quantification Limit; For Species, Male; For Oxygen Reduction Potential, Indicates a Negative Value
				N=Presumptive Evidence of Presence
				O=Analysis Lost
				P=Too Numerous to Count
				Q=Exceeded Normal Holding Time
				R=Significant Rain in Last 48 Hours
				S=Laboratory test
				T=Less Than Detection Criteria
				U=Analyzed For But Not Detected, Value is Detection Limit For Process Used; If Species, Undetermined
				V=Analyte was Detected in Sample and Method Blank
				W=Less Than Lowest Value Reportable Under Remark "T"
				X=Quasi Vertically-Integrated Sample
				Y=Analysis of Unpreserved Sample
				Z=Too Many Colonies Were Present to Count (TNTC), Value Represents Filtration Value
				$=Calculated By Retrieval Software
MEDIA	41	46	6	Sample Media
DEPTH	47	55	9.3	Depth of Sample [in feet]
ENDDATE	56	61	6	Measurement End Date [yymmdd] [all composite samples]
ENDTIME	62	65	4	Measurement End Time [hhmm] [all composite samples]
SAMPTYPE	66	69	4	Type of Sample ["sophisticated" composite samples]
				C=Continuous Collection
				G=Collection of Individual Grab Samples
				GNxx=xx is the Number of Individual Grab Samples
				B=N/A

Parameter Data File: GATEPARM.DBF in GATEPARM.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
COMPTYPE	70	70	1	Composite Value Type ["sophisticated" composite samples]
				A=Average
				H=Maximum
				L=Minimum
				N=Number of Observations
				#=Number of Observations
				S=Standard Deviation
				U=Sum of Squares
				V=Variance
				C=Coefficient of Error
				X=Coefficient of Variance
				E=Skewness
				F=Kurtosis
				Z=Number of Observations That Exceed an Established Limit
				%=Precision
				$=Accuracy
				B=N/A
				D=Indicates Replicate Sample
COMPST	71	71	1	Composite Space/Time Indicator
				S=Space
				T=Time
				B=Space and Time
				F=Flow Proportional
				1-9=Replicate Number

Note: DBASE III+ record lengths will be one greater than the last stop column displayed (71 here) because DBASE III+ reserves the first space/column of every record for a deletion flag. Hence, DBASE III+ will display a record length of 72 for this database.

The following table provides the DBASE III+ database field structure for all the water quality station locations downloaded from STORET. As this file is geo-referenced, it should import easily into the park's Geographic Information System.

Water Quality Station Data File: GATEWQ.DBF in GATESITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
NPSSTATID	1	8	8	NPS Station ID (NPS park code + 4 digit sequence number)
AGENCY	9	16	8	Agency Code of Station Owner
STORIDP	17	31	15	STORET Primary Station Code
STORIDS1	32	43	12	STORET First Secondary Station Code
STORIDS2	44	55	12	STORET Second Secondary Station Code
STORIDS3	56	65	10	STORET Third Secondary Station Code
LATITUDE	66	73	8	Station Latitude [degrees:minutes:seconds]
LONGITUDE	74	82	9	Station Longitude [degrees:minutes:seconds]
LAT	83	93	11.6	Station Latitude [decimal degrees, (-) below equator]
LON	94	104	11.6	Station Longitude [decimal degrees, (-) western hemisphere]
LLPREC	105	105	1	Latitude/Longitude Precision Code
RMI	106	329	224	River Mile Index
STATLOC	330	377	48	Station Location Description
CNTYCODE	378	382	5	FIPS State/County Code
STNAME	383	398	16	State Name
CNTYNAME	399	418	20	County Name
HYDUNIT	419	426	8	Hydrologic Unit Code (MAJ/MIN/SUB = Catalog Unit)
MAJBASN	427	450	24	Major Basin Name
MINBASN	451	490	40	Minor Basin Name
STATTYPE	491	550	60	Station Type
STORDATE	551	556	6	Date Station was Stored in STORET
RF1INDEX	557	567	11	RF1 Reach Number Location [2]
RF1MILE	568	575	8.3	Mile Point on RF1 Reach [2]
RF1LOC	576	578	3	Indicates the Location as ON or OFF RF1 Reach [2]
RF1DIST	579	584	6.2	Distance From RF1 Reach

Water Quality Station Data File: GATEWQ.DBF in GATESITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
RF3INDEX	585	601	17	RF3 Reach Number Location [3]
RF3MILE	602	607	6.2	Mile point on RF3 Reach [3]
RF3LOC	608	610	3	Indicates the Location as ON or OFF RF3 Reach [2]
RF3DIST	611	616	6.2	Distance From RF3 Reach
DEPH2O	617	620	4	Depth of Water at Station Location [in feet]
ELEV	621	625	5	Station Elevation
ECOREG	626	628	3	ECO Region
H2OBODY	629	678	50	Waterbody ID
AQUIFERS	679	718	40	Aquifer Description
STATDESC1	719	790	72	Station Sentence Description
STATDESC2	791	862	72	Station Sentence Description
STATDESC3	863	934	72	Station Sentence Description
STATDESC4	935	1006	72	Station Sentence Description
STATDESC5	1007	1078	72	Station Sentence Description
STATDESC6	1079	1150	72	Station Sentence Description
STATDESC7	1151	1222	72	Station Sentence Description
STATDESC8	1223	1294	72	Station Sentence Description
STATDESC9	1295	1366	72	Station Sentence Description
STATDESC10	1367	1438	72	Station Sentence Description
STATDESC11	1439	1510	72	Station Sentence Description
STATDESC12	1511	1582	72	Station Sentence Description
STATDESC13	1583	1654	72	Station Sentence Description
STATDESC14	1655	1726	72	Station Sentence Description
STATDESC15	1727	1798	72	Station Sentence Description
STATLOCKED	1799	1799	1	Station Locked (Logical) True/False

The following table provides the DBASE III+ database field structures for the EPA Industrial Facilities Discharge database. As this file is geo-referenced, it should import easily into the park's Geographic Information System.

Industrial Facilities Discharges File: GATEIFD.DBF in GATESITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
SITEID	1	9	9	Site Identifier (NPDES Number)
LATITUDE	10	17	8	Facility Latitude (Degrees:Minutes:Seconds)
LONGITUDE	18	26	9	Facility Longitude (Degrees:Minutes:Seconds)
LAT	27	37	11.6	Facility Latitude (decimal degrees, (-) below equator)
LON	38	48	11.6	Facility Longitude (decimal degrees, (-) west. hem.)
RF1INDEX	49	59	11	RF1 Reach Number Location
RF1MILE	60	65	6.2	Mile Point on RF1 Reach
RF1DIST	66	71	6.2	Distance From RF1 Reach
RF3INDEX	72	88	17	RF3 Reach Number Location
RF3MILE	89	94	6.2	Mile Point on RF3 Reach
RF3DIST	95	100	6.2	Distance From RF3 Reach
ADR	101	125	25	Address
BFL	126	132	7.2	Total Direct Combined C&P Flow (1000 GPD)
CCFLG	133	133	1	Coastal County Flag "Y"/"N"/"E"=Estuary
CC1	134	138	5	City Code #1 (EPA Code)
CFL	139	145	7.2	Total Direct Cooling Flow (1000 GPD)
CNC	146	148	3	County Code (FIPS)
CTY	149	168	20	City Name
CZIP	169	177	9	Canadian Zip Code
DNB	178	186	9	Dunn & Bradstreet Number
DNBFLG	187	187	1	Dunn & Bradstreet PCS Source Flag
EGF	188	202	15.4	Flow From Effluent Guidelines (1000 GPD)
EGS	203	208	6	Effluent Guidelines Subcategory
EXPDT	209	216	8	Expiration Date (mm/dd/yy)
E308SN	217	220	4	Effluent Guidelines Survey Number
FAC	221	229	9	SCS Facility Identifier (Cross-Reference)
FDS	230	232	3	Facility Data Source

Industrial Facilities Discharges File: GATEIFD.DBF in GATESITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
FFL	233	239	7.2	Total Facility Flow (1000 GPD)
FHF	240	240	1	Fac. Hit Flag (Reach File) V=Versar Assumed
FLOTYP	241	243	3	I=Blow Down, R=Bottom Ash, S=Fly Ash
FLR	244	250	7.2	Flow Recvd-Industrial (1000 GPD) Permit Data
FRDS	251	259	9	FRDS ID# - XREF To Water Supply
FRW	260	289	30	Facility Receiving Water Name
FS1	290	293	4	Facility SIC Code (From PCS)
FS2	294	297	4	Facility SIC Code #1
FS3	298	301	4	Facility SIC Code #2
FS4	302	305	4	Facility SIC Code #3
FS5	306	309	4	Facility SIC Code #4
FUD	310	317	8	Facility Level Last Date Updated (mm/dd/yy)
IACC	318	318	1	Inactive/Active Indicator ("I" or "A")
ICAT	319	320	2	WQAB Industrial Category
ICAT2	321	322	2	WQAB Industrial Category 2
ICAT3	323	324	2	WQAB Industrial Category 3
IFL	325	331	7	Total Indirect Flow (1000 GPD)
IFT	332	332	1	Illinois Facility Type (A thru Z)
IG1	333	334	2	Facility Industrial Group #1
IG2	335	336	2	Facility Industrial Group #2
IJCN	337	346	10	Canadian Record Identifier
INACT	347	353	7	Inactive/Rescinded P=Based on Permit;A=Actual
INDCNT	354	357	4	Computed Number of Indirect Dischargers
LATLON	358	372	15	Polygon Retrieval Lat/Long.
MAJ	373	373	1	Major-Minor Flag (From PCS)
MAPID	374	377	4	Map Identifier
MJMN	378	381	4	Major/Minor Basin (EPA-STORET)
NAM	382	441	60	Facility Name
NDC	442	444	3	Number of Discharges (Pipes)

Industrial Facilities Discharges File: GATEIFD.DBF in GATESITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
NDSFLO	445	451	7.2	NEEDS Flow (1000 GPD)
NDSIFLO	452	458	7.2	NEEDS Industrial Flow (1000 GPD)
NID	459	462	4	Number of Indirect Dischargers
NPC	463	463	1	NEEDS Pre-Treatment Code "Y"=Yes, "N"=No
NPS	464	464	1	NPDES Facility Source/Status
NSN	465	473	9	NEEDS Survey Number
NTC	474	474	1	NEEDS Treatment Code
OCP	475	480	6	Organic Chemical Producers ID Number
ODESCC	481	481	1	ODES Coastal County "Y"=Yes; "N"=No
OFL	482	488	7.2	Total Non-Direct Other Flow (1000 GPD)
OWN	489	491	3	Ownership Code
PFL	492	498	7.2	Total Direct Process Flow (1000 GPD)
REG	499	500	2	EPA Region
REGKEY	501	504	4	Region Key
RSLOFLO	505	511	7.2	Receiving Stream Low Flow
RSMNFLO	512	518	7.2	Receiving Stream Mean Flow
STA	519	520	2	State Postal Abbreviation
STAID	521	535	15	State Identifier
STC	536	537	2	State Code (FIPS)
STCITY	538	544	7	State/City Code
TFLOW	545	551	7.2	Type Flow (1000 GPD)
UFL	552	558	7.2	Total Direct Undefined Flow (1000 GPD)
XEGS	559	561	3	Effluent Guidelines Subcat Index
XKEY	562	562	1	"1","2","3","4","5","6","7","8","9"
XNME	563	565	3	GLP,DIR,F2C,ENF,CET,LAG,PPB,M85,M86
ZIP	566	570	5	Zip Code

The following table provides the DBASE III+ database field structures for drinking water intakes from the EPA DRINKS database. As this file is geo-referenced, it should import easily into the park's Geographic Information System.

Drinking Water Intakes File: GATEDRIN.DBF in GATESITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
SITEID	1	20	20	Site Identifier
LATITUDE	21	28	8	Facility Latitude (Degrees:Minutes:Seconds)
LONGITUDE	29	37	9	Facility Longitude (Degrees:Minutes:Seconds)
LAT	38	48	11.6	Facility Latitude (decimal degrees, (-) below equator)
LON	49	59	11.6	Facility Longitude (decimal degrees, (-) west. hem.)
RF1INDEX	60	70	11	RF1 Reach Number Location
RF1MILE	71	76	6.2	Mile Point on RF1 Reach
RF1DIST	77	82	6.2	Distance From RF1 Reach
RF3INDEX	83	99	17	RF3 Reach Number Location
RF3MILE	100	105	6.2	Mile Point on RF3 Reach
RF3DIST	106	111	6.2	Distance From RF3 Reach
AQCD	112	115	4	Aquifer Code
ASC	116	138	23	STORET Agency/Station Code
AVGD	139	142	4	Average Depth
BUY	143	143	1	Purchase Code
CC1	144	148	5	City Code #1 (EPA Code)
CNC	149	151	3	County Code (FIPS)
CNME	152	166	15	Contact Name
CNN	167	186	20	County Name
CTITLE	187	201	15	Contact Title
CTY	202	221	20	City Name
DUD	222	229	8	Date of Update
FRDS	230	238	9	FRDS ID# - Cross-Reference
GEOAG	239	258	20	Geologic Age
GEOCDE	259	261	3	Geologic Age Code
IDAT	262	269	8	Date (mm/dd/yy)

Drinking Water Intakes File: GATEDRIN.DBF in GATESITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
INTAKET	270	270	1	Type Source G/S/B
INTRVWR	271	285	15	Interviewer
MAXD	286	289	4	Maximum Depth
MILES	290	296	7.2	Miles
MIND	297	300	4	Minimum Depth
NAME	301	320	20	Name
NPD	321	329	9	NPDES# XREF to IFD Database
NWLS	330	332	3	Number of Wells
OWN	333	335	3	Ownership
PAVGF	336	342	7.2	Production Avg. Daily (Gal/Day)
PCTSUP	343	345	3	%Surface / %Ground
PHONE	346	355	10	Telephone Number
PMAXF	356	362	7.2	Production Max. Daily (Gal/Day)
POPSV	363	371	9	Population Served
REG	372	373	2	EPA Region
SHLAT	374	379	6	Sitehelp Latitude (DDMMSS)
SHLNG	380	386	7	Sitehelp Longitude (DDDMMSS)
SHMILES	387	393	7.2	Sitehelp Miles
SHNME	394	403	10	Sitehelp Source Name
SHPCT	404	410	7.2	Sitehelp Percent of Reach Miles
SRC	411	413	3	Sitehelp Source Code
STA	414	415	2	State Abbreviation
STC	416	417	2	State Code (FIPS)
TUF	418	424	7.2	Total Utility Flow
TYPCDE	425	425	1	Type Code
UHF	426	426	1	Utility Hit Flag (Reach File)
VCDE	427	427	1	Versar Code='V'=>25K; '*'=<25K POPSVD
WFPC	428	428	1	Wellfield Precision Code
WFTYP	429	429	1	Well Type (Cassing,Artesian,Infiltration,etc.)

Drinking Water Intakes File: GATEDRIN.DBF in GATESITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
WUN	430	449	20	Water Utility Name

The following table provides the DBASE III+ database field structures for the Water Gage database. As this file is geo-referenced, it should import easily into the park's Geographic Information System.

Water Gage File: GATEGAGE.DBF in GATESITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
SITEID	1	20	20	Site Identifier
LATITUDE	21	28	8	Facility Latitude (DDMMSS)
LONGITUDE	29	37	9	Facility Longitude (DDDMMSS)
LAT	38	48	11.6	Facility Latitude (decimal degrees, (-) below equator)
LON	49	59	11.6	Facility Longitude (decimal degrees, (-) west. hem.)
RF1INDEX	60	70	11	RF1 Reach Number Location
RF1MILE	71	76	6.2	Mile Point on RF1 Reach
RF1DIST	77	82	6.2	Distance From RF1 Reach
RF3INDEX	83	99	17	RF3 Reach Number Location
RF3MILE	100	105	6.2	Mile Point on RF3 Reach
RF3DIST	106	111	6.2	Distance From RF3 Reach
JAN	112	118	7.2	Monthly Flow - January
FEB	119	125	7.2	Monthly Flow - February
MAR	126	132	7.2	Monthly Flow - March
APR	133	139	7.2	Monthly Flow - April
MAY	140	146	7.2	Monthly Flow - May
JUN	147	153	7.2	Monthly Flow - June
JUL	154	160	7.2	Monthly Flow - July
AUG	161	167	7.2	Monthly Flow - August
SEP	168	174	7.2	Monthly Flow - September
OCT	175	181	7.2	Monthly Flow - October
NOV	182	188	7.2	Monthly Flow - November
DEC	189	195	7.2	Monthly Flow - December
RGN	196	197	2	Region Code
AREA	198	204	7.2	Drainage Area (SQ.MI.)
DUD	205	212	8	Date of Update

Water Gage File: GATEGAGE.DBF in GATESITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
FBCF	213	213	1	Flag - Basic Characteristic File ('Y')
FDFF	214	214	1	Flag - Daily Flows File ('Y')
FQMINV	215	224	10	IHS Pt. Files Index
GHF	225	225	1	Hit Flag (Reach File)
ICDE	226	226	1	Integrity Code
LFVEL	227	233	7.2	Low Flow Velocity
METHOD	234	236	3	Calculation Method Code
MFVEL	237	243	7.2	Mean Flow Velocity
MNFLO	244	250	7.2	USGS Mean Annual Flow
NME	251	298	48	Station Name
SHLAT	299	304	6	Sitehelp Latitude (DDMMSS)
SHLNG	305	311	7	Sitehelp Longitude (DDDMMSS)
SHMILES	312	318	7.2	Sitehelp Miles
SHNME	319	328	10	Sitehelp Source Name
SHPCT	329	335	7.2	Sitehelp Percent of Reach Miles
SITE	336	337	2	Site Location
SRC	338	340	3	Sitehelp Source Code
STCTY	341	345	5	State/County Numeric Code
SVTEN	346	352	7.2	USGS 7-10 Year Flow
BEG_WYR	353	356	4	Beginning Water Year
END_WYR	357	359	4	Ending Water Year
ELEV	361	368	8.2	Elevation (Feet)
WELL_DP	369	376	8.2	Well Depth (Feet)

The following table provides the DBASE III+ database field structures for the Water Impoundment database. As this file is geo-referenced, it should import easily into the park's Geographic Information System.

Water Impoundment File: GATEDAMS.DBF in GATESITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
SITEID	1	7	7	Site Identifier
SOURCE	8	10	3	Source of Data
ST1	11	12	2	Primary State Code Abbreviation
STCTY1	13	17	5	State/County Numeric Code
NAME	18	47	30	Official Name of Dam
LATITUDE	48	53	6	Facility Latitude (DDMMSS)
LONGITUDE	54	60	7	Facility Longitude (DDDMMSS)
LAT	61	70	10.6	Facility Latitude (decimal degrees, (-) below equator)
LON	71	81	11.6	Facility Longitude (decimal degrees, (-) west. hem.)
INME	82	111	30	Impoundment Name
RNME	112	139	28	River, Stream, or Tributary Name on Which Dam Built
CUSEGMI	140	149	10	Catalog Unit, Segment, and Segment Length
REGN	150	151	2	Water Resources Council Region Code
RGBSN	152	155	4	Water Resources Region/Basin Code
CU	156	163	8	Catalog Unit
SEG	164	166	3	Reach Segment of Dam
SEGL	167	171	5.2	Reach Segment Length
PURP	172	172	1	Major Purpose of Dam
				I=Irrigation
				H=Hydroelectric
				N=Navigation
				S=Water Supply
				R=Recreation
				P=Stock/Farm Pond
				D=Debris Control
				F=Flood Control

Water Impoundment File: GATEDAMS.DBF in GATESITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
				O=Other
FRF3	173	189	17	RF3 Reach Number Location
FRF3MI	190	194	5	Mile Point on RF3 Reach
PURPKEY	195	195	1	Purpose Key
PUR2	196	196	1	Purpose of Dam 2 (See Above)
PUR3	197	197	1	Purpose of Dam 3 (See Above)
PUR4	198	198	1	Purpose of Dam 4 (See Above)
PUR5	199	199	1	Purpose of Dam 5 (See Above)
PUR6	200	200	1	Purpose of Dam 6 (See Above)
PUR7	201	201	1	Purpose of Dam 7 (See Above)
PUR8	202	202	1	Purpose of Dam 8 (See Above)
PUR9	203	203	1	Purpose of Dam 9 (See Above)
PUR10	204	204	1	Purpose of Dam 10 (See Above)
TYPDAM	205	206	2	Major Dam Portion Type
				RE=Earth
				VA=Vaulted Arch
				CD=Buttress
				PG=Gravity
				ER=Rockfill
				MV=Multi-Arch
				OT=Other
YRCMP	207	210	4	Year Dam Completed
SHGT	211	214	4	Structural Height (Feet)
HHGT	215	218	4	Hydraulic Height (Feet)
VNORM	219	236	8	Normal Storage of Impoundment (Acre-Feet)
VMAX	227	234	8	Maximum Storage of Impoundment (Acre-Feet)
LCRST	235	239	5	Crest Length of Dam (Feet)
TSPL	240	240	1	Spillway Type
				C=Controlled

Water Impoundment File: GATEDAMS.DBF in GATESITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
				U=Uncontrolled
				N=None
				X=Unknown
WSPL	241	244	4	Dam Spillway Width (Feet)
QMAX	245	251	7	Maximum Spillway Discharge (CFS)
PINS	252	258	7.2	Quantity of Installed Power (Megawatts)
PPRO	259	265	7.2	Quantity of Proposed Power (Megawatts)
LOCK	266	266	1	Number of Navigational Locks
OWNR	267	290	24	Name of Impoundment Owner
PFOWN	291	291	1	Ownership Code
				N=Non-Federal
				G=Federal Government Agency
				C=Corps of Engineers
				X=Unknown
FEDR	292	292	1	Federally Regulated (Y=Yes, N=No, X=Unknown)
FLND	293	293	1	Private Dam on Federal Land (Y=Yes, N=No, X=Unknown)
SCSA	294	294	1	Type of Soil Conservation Service Assistance
				N=No Assistance
				T=Technical Assistance
				F=Financial Assistance
				B=Both Technical and Financial Assistance
				X=Unknown
DHAZ	295	295	1	Degree of Downstream Hazard
				1=High (More than a Few Lives Lost; Excessive Economic Loss)
				2=Significant (A Few Lives Lost; Appreciable Economic Loss)
				3=Low (No Lives Expected Lost; Minimal Economic Loss)
DCITY	296	319	24	Nearest Downstream City

Water Impoundment File: GATEDAMS.DBF in GATESITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
POP	320	326	7	Population of Downstream City
DMILE	327	331	5.2	Distance of Downstream City From Dam (Miles)
RET	332	342	11.2	Retention Coefficient (Dimensionless)
MIX	343	353	11.2	Mixing Coefficient (Dimensionless)
SAREA	354	361	8	Surface Area of Impoundment (Acres)
SAFLG	362	362	1	Surface Area Flag (C=Calc., M=Measured, O=Other)
ILNTH	363	367	5	Length of Impoundment (Feet)
ILFLG	368	368	1	Impoundment Length Flag (C=Calc., M=Measured, O=Other)
UPKEY	369	374	6	Update Key (YYMMDD)

The following table provides the ASCII and DBASE III+ database field structures for the EPA River Reach File Ver. 3.0 (1:100,000 scale hydrography) attributes. The actual numeric file names will vary depending on the catalog unit(s). This information can be readily incorporated into the park's Geographic Information System.

RF3 Structure File: 12345678.RF3 and 12345678.DBF in GATERF3.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
CATUNIT	1	8	8	Cataloging Unit (CU)
SEGM	9	12	4	Segment Number (SEG)
MI	13	17	5.2	Mile Point (MI)
UPMI	18	22	5.2	Upstream Mile Pt.
SEQNO	23	33	11.6	Hydro Sequence No.
RFLAG	34	34	1	Reach Flag (0,1)
OWFLAG	35	35	1	Open Water Flag (0,1)
TFLAG	36	36	1	Terminal Flag (0,1)
SFLAG	37	37	1	Start Flag (0,1)
RCHTYPE	38	38	1	Reach Type Code
LEV	39	40	2	Stream Level
JUNC	41	42	2	Level of Downstream Reach
DIVERGENCE	43	43	1	Divergence Code
STARTCU	44	51	8	Start CU
STRTSG	52	55	4	Start SEG
STOPCU	56	63	8	Stop CU
STOPSG	64	67	4	Stop SEG
USDIR	68	68	1	Upstream Direction
TERMID	69	73	5	Terminal Stream ID
TRMBLV	74	74	1	Terminal Base Level
PNAME	75	104	30	Primary Name
PNMCD	105	115	11	Primary Name Code
CNAME	116	145	30	Complement Name
CNMCD	146	156	11	Complement Name Code

RF3 Structure File: 12345678.RF3 and 12345678.DBF in GATERF3.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
OWNAME	157	186	30	Open Water Name
OWNMCD	187	197	11	Open Water Name Code
DSCU	198	205	8	Downstream CU
DSSEG	206	209	4	Downstream SEG
DSMI	210	214	5.2	Downstream MI
CCU	215	222	8	Complement CU
CSEG	223	226	4	Complement SEG
CMILE	227	231	5.2	Complement MI
CDIR	232	232	1	Complement Direction
ULCU	233	240	8	Upstream Left CU
ULSEG	241	244	4	Upstream Left SEG
ULMI	245	249	5.2	Upstream Left MI
URCU	250	257	8	Upstream Right CU
URSEG	258	261	4	Upstream Right SEG
URMI	262	266	5.2	Upstream Right MI
SEGL	267	272	6.2	Reach Length (Miles)
RFORGFLAG	273	273	1	RF Orgin flag(1,2,3)
ALTPNMCD	274	281	8	Alt. Primary Name Code
ALTOWNMC	282	289	8	Alt. OW Name Code
DLAT	290	297	8.4	Downstream Latitude
DLONG	298	305	8.4	Downstream Longitude
ULAT	306	313	8.4	Upstream Latitude
ULONG	314	321	8.4	Upstream Longitude
MINLAT	322	329	8.4	Minimum Latitude
MINLONG	330	337	8.4	Minimum Longitude
MAXLAT	338	345	8.4	Maximum Latitude
MAXLONG	346	353	8.4	Maximum Longitude
NDLGREC	354	357	4	No. of DLG Records
LL1KEY1	358	367	10	Starting DLG LL Key1

RF3 Structure File: 12345678.RF3 and 12345678.DBF in GATERF3.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
LL2KEY1	368	377	10	Ending DLG LL Key1
LL1KEY2	378	387	10	Starting DLG LL Key2
LL2KEY2	388	497	10	Ending DLG LL Key2
LL1KEY3	398	407	10	Starting DLG LL Key3
LL2KEY3	408	417	10	Ending DLG LL Key3
LL1KEY4	418	427	10	Starting DLG LL Key4
LL2KEY4	428	437	10	Ending DLG LL Key4
LL1KEY5	438	447	10	Starting DLG LL Key5
LL2KEY5	448	457	10	Ending DLG LL Key5
LL1KEY6	458	467	10	Starting DLG LL Key6
LL2KEY6	468	477	10	Ending DLG LL Key6
LL1KEY7	478	487	10	Starting DLG LL Key7
LL2KEY7	488	597	10	Ending DLG LL Key7
LL1KEY8	498	507	10	Starting DLG LL Key8
LL2KEY8	508	517	10	Ending DLG LL Key8
LL1KEY9	518	527	10	Starting DLG LL Key9
LL2KEY9	528	537	10	Ending DLG LL Key9
LL1KEY10	538	547	10	Start DLG LL Key 10
LL2KEY10	548	557	10	Ending DLG LL Key10
LN1AT2	558	561	4	DLG Line Attr. 1
LN2AT2	562	565	4	DLG Line Attr. 2
AREA1	566	569	4	DLG Area ID 1
AREA2	570	573	4	DLG Area ID 2
AR1AT2	574	577	4	DLG Area Attribute
AR1AT4	578	581	4	DLG Area Attribute
AR2AT2	582	585	4	DLG Area Attribute
AR2AT4	586	589	4	DLG Area Attribute
UPDATE1	590	595	6	Update Date #1 (mmddyy)
UPDTCD1	596	603	8	Update Type Code #1

RF3 Structure File: 12345678.RF3 and 12345678.DBF in GATERF3.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
UPDTSRC1	604	611	8	Update Source #1
UPDATE2	612	617	6	Update Date #2 (mmddyy)
UPDTCD2	618	625	8	Update Type Code#2
UPDTSRC2	626	633	8	Update Source #2
UPDATE3	634	639	6	Update Date #3 (mmddyy)
UPDTCD3	640	647	8	Update Type Code #3
UPDTSRC3	648	655	8	Update Source #3
DIVCU	656	663	8	Divergent CU
DIVSEG	664	667	4	Divergent SEG
DIVMILE	668	672	5.2	Divergent MI
DLGID	673	678	6	DLG Number Special Use For Internal State Codes
FILLER	678	685	7	Filler: Future Use

Note: The structure for the .DBF file varies slightly from the RF3 structure displayed here in that the fields UPDATE1, UPDATE2, and UPDATE3 have a width of 8 and the last two fields, DLGID and FILLER, have been replaced with a field named ID of length 17. This ID field combines the CATUNIT, SEGM, and MI fields.

The following table provides the ASCII database field structures for the EPA River Reach File Ver. 3.0 (1:100,000 scale hydrography) traces. The actual numeric file names will vary depending on the catalog unit(s). This file contains the actual hydrographic network and is suitable for conversion into a variety of Geographic Information System formats.

RF3 Trace File: 12345678.TRC in GATERF3.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
(Header Record)				
CATUNIT	1	8	8	Cataloging Unit
SEGM	9	12	4	Segment Number
MI	13	17	5.2	Mile Point
NPTS	18	21	4	Number of Lat/Lon Coordinates
(Coordinate Record)				
LATITUDE	1	8	8.4	Latitude in Decimal
LONGITUDE	9	16	8.4	Longitude in Decimal
FILLER	17	21	5	

The following table provides the ASCII database field structures for the EPA River Reach File Ver. 3.0 (1:100,000 scale hydrography) catalog unit boundary file. The actual numeric file names will vary depending on the catalog unit(s). This file contains the actual catalog unit boundary and is suitable for conversion into a variety of Geographic Information System formats.

Catalog Unit Boundary File: 12345678.CUB in GATERF3.ZIP
First Line = Catalog Unit Number (8 Characters)
Subsequent Lines:
L=DDMMSS,L=DDDMMSS,L=DDMMSS,L=DDDMMSS,L=DDMMSS,L=DDDMMSS, ...
Example:
02070010
L=391259,L=0770809,L=391220,L=0770749,L=391147,L=0770715,L=391120,L=0770633,
L=391058,L=0770535,L=391042,L=0770520,L=391016,L=0770427,L=390948,L=0770416,
L=390526,L=0765331,L=390500,L=0765149,L=390456,L=0765139,L=390357,L=0765123,
...
L=390744,L=0771007,L=390826,L=0771022,L=390910,L=0771022,L=390950,L=0771003,
L=391107,L=0770922,
There can be as many as four latitude/longitude pairs per line.

The following table provides the DBASE III+ database field structure of the Water Resources Division's "encyclopedia" file that documents the minimum and maximum parameter values found and the park(s) where they occurred. This file is intended for Water Resources Division internal use, but will be available to anyone upon request after Baseline Water Quality Data Inventory and Analysis reports have been completed for all parks.

Encyclopedia File: WRD File For Internal Use Only				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
PARM	1	5	5	STORET Parameter Code
PARMNAME	6	45	40	Parameter Name
MINVAL	46	61	16.7	Minimum Value
MINVALPARK	62	65	4	Park Unit with Minimum Value
MAXVAL	66	71	16.7	Maximum Value
MAXVALPARK	72	75	4	Park Unit with Maximum Value

Appendix C

STORET Water Quality Control/Edit Checking

The following table provides the high and low values used by STORET since November 1983 for 190 common water quality parameters to screen or error check data. Data entered into STORET prior to November 1983, however, were not subjected to this edit/bounds check. Additionally, data from the USGS WATSTORE system that is loaded into STORET is never subjected to these edit criteria and agencies entering data in STORET can override these edit criteria to enter data values that fall outside a range. As a consequence, all data downloaded from STORET for the purposes of this project were filtered through these edit criteria to document values outside the generally accepted ranges. Decisions were then made on a case-by-case basis to retain or discard obviously incorrect data. Refer to the Water Quality Observations Outside STORET Edit Criteria section of the Interpretive Guide To Water Quality Results chapter for more information on this subject.

STORET Code	STORET Parameter Description	High Value	Low Value
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	37.0	-2.0
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	98.0	31.0
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	52.0	-40.0
00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)	125.0	-40.0
00026	TOXICS-IDENTIFY DATA COLLECTION BY EPA DIRECTIVE	1990.9	1977.0
00032	CLOUD COVER (PERCENT)	101.0	0.0
00035	WIND VELOCITY (MILES PER HOUR)	85.0	0.0
00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	361.0	0.0
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	15.0	0.0
00070	TURBIDITY, (JACKSON CANDLE UNITS)	1500.0	0.0
00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	101.0	0.0
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	500.0	0.0
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	1000.0	0.0
00077	TRANSPARENCY, SECCHI DISC (INCHES)	600.0	0.0
00080	COLOR (PLATINUM-COBALT UNITS)	500.0	0.0
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	500.0	0.0
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	250.0	0.0
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	60000.0	1.0
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	60000.0	1.0
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE (MG/L)	30.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
00300	OXYGEN, DISSOLVED (MG/L)	30.0	0.0
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION%	200.0	0.0
00310	BOD, 5 DAY, 20 DEG C (MG/L)	150.0	0.0
00335	COD, .025N K2CR2O7 (MG/L)	1000.0	0.0
00340	COD, .25N K2CR2O7 (MG/L)	1000.0	0.0
00365	CHLORINE DEMAND, 15 MINUTE (MG/L)	15.0	0.0
00400	PH (STANDARD UNITS)	12.0	0.9
00403	PH, LAB, STANDARD UNITS, (STANDARD UNITS)	12.0	0.9
00405	CARBON DIOXIDE (MG/L AS CO2)	100.0	0.0
00406	PH, FIELD (STANDARD UNITS)	12.0	0.9
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	1000.0	0.0
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	750.0	0.0
00435	ACIDITY, TOTAL (MG/L AS CACO3)	1000.0	0.0
00436	ACIDITY, MINERAL (METHYL ORANGE) (MG/L AS CACO3)	1000.0	0.0
00437	ACIDITY, CO2 (PHENOLPHTHALEIN) (MG/L AS CACO3)	750.0	0.0
00440	BICARBONATE ION (MG/L AS HCO3)	450.0	0.0
00445	CARBONATE ION (MG/L AS CO3)	100.0	0.0
00480	SALINITY - PARTS PER THOUSAND	40.0	0.0
00500	RESIDUE, TOTAL (MG/L)	15000.0	0.0
00505	RESIDUE, TOTAL VOLATILE (MG/L)	10000.0	0.0
00510	RESIDUE, TOTAL FIXED (MG/L)	10000.0	0.0
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C), (MG/L)	20000.0	0.0
00520	RESIDUE, VOLATILE FILTRABLE (MG/L)	10000.0	0.0
00525	RESIDUE, FIXED FILTRABLE (MG/L)	10000.0	0.0
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10000.0	0.0
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10000.0	0.0
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10000.0	0.0
00545	RESIDUE, SETTLEABLE (ML/L)	1000.0	0.0
00546	RESIDUE, SETTLEABLE (MG/L)	1000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC., (MG/L)	250.0	0.0
00600	NITROGEN, TOTAL (MG/L AS N)	100.0	0.0
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	15.0	0.0
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	25.0	0.0
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	20.0	0.0
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	5.0	0.0
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	50.0	0.0
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	50.0	0.0
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	55.0	0.0
00635	NITROGEN, AMMONIA & ORG., TOTAL 1 DET (MG/L AS N)	70.0	0.0
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	30.0	0.0
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	30.0	0.0
00655	PHOSPHATE, POLY (MG/L AS PO4)	30.0	0.0
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	30.0	0.0
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10.0	0.0
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10.0	0.0
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	100.0	0.0
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	100.0	0.0
00685	CARBON, TOTAL INORGANIC (MG/L AS C)	100.0	0.0
00690	CARBON, TOTAL (MG/L AS C)	150.0	0.0
00720	CYANIDE, TOTAL (MG/L AS CN)	10.0	0.0
00745	SULFIDE, TOTAL (MG/L AS S)	1500.0	0.0
00746	SULFIDE, DISSOLVED (MG/L AS S)	1500.0	0.0
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	150.0	0.0
00900	HARDNESS, TOTAL (MG/L AS CACO3)	5000.0	0.0
00910	CALCIUM (MG/L AS CACO3)	3000.0	0.0
00915	CALCIUM, DISSOLVED (MG/L AS CA)	1000.0	0.0
00916	CALCIUM, TOTAL (MG/L AS CA)	1000.0	0.0
00920	MAGNESIUM (MG/L AS CACO3)	3000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	1000.0	0.0
00927	MAGNESIUM, TOTAL (MG/L AS MG)	1000.0	0.0
00929	SODIUM, TOTAL (MG/L AS NA)	5000.0	0.0
00930	SODIUM, DISSOLVED (MG/L AS NA)	5000.0	0.0
00931	SODIUM ADSORPTION RATIO	50.0	0.0
00935	POTASSIUM, DISSOLVED (MG/L AS K)	175.0	0.0
00937	POTASSIUM, TOTAL MG/L AS K)	175.0	0.0
00940	CHLORIDE, TOTAL IN WATER, (MG/L)	22000.0	0.0
00945	SULFATE, TOTAL (MG/L AS SO4)	2500.0	0.0
00946	SULFATE, DISSOLVED (MG/L AS SO4)	2500.0	0.0
00950	FLUORIDE, DISSOLVED (MG/L AS F)	15.0	0.0
00951	FLUORIDE, TOTAL (MG/L AS F)	15.0	0.0
00955	SILICA, DISSOLVED (MG/L AS SI02)	2000.0	0.0
00956	SILICA, TOTAL (MG/L AS SI02)	2000.0	0.0
01000	ARSENIC, DISSOLVED (UG/L AS AS)	5000.0	0.0
01002	ARSENIC, TOTAL (UG/L AS AS)	5000.0	0.0
01005	BARIUM, DISSOLVED (UG/L AS BA)	2000.0	0.0
01007	BARIUM, TOTAL (UG/L AS BA)	2000.0	0.0
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	2000.0	0.0
01012	BERYLLIUM, TOTAL (UG/L AS BE)	2000.0	0.0
01020	BORON, DISSOLVED (UG/L AS B)	5000.0	0.0
01022	BORON, TOTAL (UG/L AS B)	5000.0	0.0
01025	CADMIUM, DISSOLVED (UG/L AS CD)	500.0	0.0
01027	CADMIUM, TOTAL (UG/L AS CD)	500.0	0.0
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	2000.0	0.0
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	2000.0	0.0
01033	CHROMIUM, TRI-VAL (UG/L AS CR)	2000.0	0.0
01034	CHROMIUM, TOTAL (UG/L AS CR)	2000.0	0.0
01040	COPPER, DISSOLVED (UG/L AS CU)	2000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
01042	COPPER, TOTAL (UG/L AS CU)	5000.0	0.0
01045	IRON, TOTAL (UG/L AS FE)	56000.0	0.0
01046	IRON, DISSOLVED (UG/L AS FE)	56000.0	0.0
01047	IRON, FERROUS (UG/L AS FE)	56000.0	0.0
01049	LEAD, DISSOLVED (UG/L AS PB)	1000.0	0.0
01051	LEAD, TOTAL (UG/L AS PB)	1000.0	0.0
01055	MANGANESE, TOTAL (UG/L AS MN)	5000.0	0.0
01056	MANGANESE, DISSOLVED (UG/L AS MN)	5000.0	0.0
01065	NICKEL, DISSOLVED (UG/L AS NI)	2000.0	0.0
01067	NICKEL, TOTAL (UG/L AS NI)	2000.0	0.0
01075	SILVER, DISSOLVED (UG/L AS AG)	5000.0	0.0
01077	SILVER, TOTAL (UG/L AS AG)	5000.0	0.0
01090	ZINC, DISSOLVED (UG/L AS ZN)	25000.0	0.0
01092	ZINC, TOTAL (UG/L AS ZN)	25000.0	0.0
01105	ALUMINUM, TOTAL (UG/L AS AL)	20000.0	0.0
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	20000.0	0.0
01145	SELENIUM, DISSOLVED (UG/L AS SE)	100.0	0.0
01501	ALPHA, TOTAL	200.0	0.0
01503	ALPHA, DISSOLVED	75.0	0.0
01505	ALPHA, SUSPENDED	150.0	0.0
03501	BETA, TOTAL	3500.0	0.0
03503	BETA, DISSOLVED	3000.0	0.0
03505	BETA, SUSPENDED	1500.0	0.0
09503	RADIUM 226, DISSOLVED	500.0	0.0
13501	STRONTIUM 90, TOTAL	500.0	0.0
22703	URANIUM, NATURAL, DISSOLVED	500.0	0.0
31501	COLIFORM, TOT,MEMBRANE FILTER,IMMED.M-ENDO MED, 35C	24000000.0	0.0
31502	COLIFORM, TOTAL, 10/ML	24000000.0	0.0
31503	COLIFORM, TOT,MEMBR FILTER, DELAYED,M-ENDO MED, 35C	24000000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
31504	COLIFORM, TOT,MEMBR FILTER,IMMED,LES ENDO AGAR, 35C	24000000.0	0.0
31613	FECAL COLIFORM, MEMBR FILTER, M-FC AGAR,44.5C, 24HR	10000000.0	0.0
31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	10000000.0	0.0
31616	FECAL COLIFORM, MEMBR FILTER,M-FC BROTH, 44.5C	10000000.0	0.0
31672	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48HR	500000.0	0.0
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	500000.0	0.0
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	500000.0	0.0
31679	FECAL STREPTOCOCCI, MF M-ENTEROCOCCUS AGAR,35C,48H	500000.0	0.0
31749	PLATE COUNT, TOTAL, TPC AGAR, 20C, 48 HRS	99999999.0	0.0
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	99999999.0	0.0
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	500.0	0.0
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	750.0	0.0
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	1000.0	0.0
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	200.0	0.0
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	500.0	0.0
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	200.0	0.0
32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	2.0	0.0
32221	CHLOROPHYLL A,% OF(PHEOPHYTIN A+CHL A),SPEC-ACID.	101.0	0.0
32230	CHLOROPHYLL A (MG/L)	0.5	0.0
32231	CHLOROPHYLL B (MG/L)	0.8	0.0
32232	CHLOROPHYLL C (MG/L)	0.2	0.0
32234	CHLOROPHYLL, TOTAL (A+B+C) (MG/L)	1.0	0.0
32270	CHLOROFORM EXTRACTABLES TOTAL IN MG PER LITER	5.0	0.0
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	1500.0	0.0
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	10.0	0.0
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39340	GAMMA-BHC(LINDANE),WHOLE WATER, (UG/L)	20.0	0.0
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER, (UG/L)	20.0	0.0
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	5.0	0.0
60050	ALGAE, TOTAL (CELLS/ML)	700000.0	0.0
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), (MG/L)	4000.0	0.0
70505	PHOSPHATE, TOTAL,COLORIMETRIC METHOD (MG/L AS P)	10.0	0.0
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10.0	0.0
71850	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	65.0	0.0
71886	PHOSPHORUS, TOTAL, AS PO4 - (MG/L)	30.0	0.0
71890	MERCURY, DISSOLVED (UG/L AS HG)	10.0	0.0
71895	MERCURY, SUSPENDED (UG/L AS HG)	10.0	0.0
71900	MERCURY, TOTAL (UG/L AS HG)	10.0	0.0
74010	IRON, TOTAL (MG/L AS FE)	56000.0	0.0

Appendix D

STORET Administrative Parameters

STORET Code	Description of STORET Administrative Parameters
00022	LENGTH OF EXPOSURE OF SAMPLE OR TEST - DAYS
00026	TOXICS-IDENTIFY DATA COLLECTION BY EPA DIRECTIVE
00027	CODE NO FOR AGENCY COLLECTING SAMPLE
00028	CODE NO FOR AGENCY ANALYZING SAMPLE
00029	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE
00063	SAMPLING POINTS, NUMBER OF IN A CROSS SECTION
00073	SAMPLE LOC CODE DEFINED BY THERMAL STRUCT & DEPTH
00111	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI
00115	SAMPLE TREATMENT CODE (1=RAW,2=TREATED)
00116	INTENSIVE SURVEY IDENTIFICATION NUMBER
00145	TOTAL PRODUCTION OF PRODUCT MANUFACTURED TONS/DAY
01273	TOTAL ACID PRIORITY POLLUTANTS MG/L
01274	TOTAL BASE-NEUTRAL PRIORITY POLLUTANTS MG/L
01275	TOTAL VOLATILE PRIORITY POLLUTANTS MG/L
01365	ANALYSIS DATE (DIOXIN) (YYMMDD)
04177	SAMPLE STABILIZATION, RECOVERY TEST CODE
04178	FIELD PROTOCOL(CONFDNCE ASSIGNED FIELD SAMPLE) CODE
04179	SAMPLE STATION LOCKED CODE
04180	CONDITION OF STATION SITE CODE
04181	LABORATORY QA/QC PLAN CONFIDENCE CODE
04182	SAMPLE TYPE CODE
04183	SAMPLE REMARKS CODE
30333	BAG MESH SIZE, BEDLOAD SAMPLER, MM
34772	NPDES NUMBER, CROSS REFERENCE CODE
34785	GAGE TYPE, METHOD CODE

STORET Code	Description of STORET Administrative Parameters
45575	GC MAKE AND MODEL INFORMATION CODE
45576	GC DETECTOR TYPE CODE
45577	GC COLUMN TYPE CODE
45580	METHOD OF ANALYSIS CODE
45581	LABORATORY LOCATION CODE
46107	SAMPLE LOCATION CODE (TREATMENT PLANT OPERATION)
46390	TOXICITY CHARACTERISTIC LEACHING PROCEDURE P OR F
46396	PROCESS TO SIGNIFICANTLY REDUCE PATHOGENS YES OR NO
46397	PROCESS TO FURTHER REDUCE PATHOGENS YES OR NO
47001	PERMIT EXPIRATION DATE (JULIAN CALENDAR)
47044	OBSERVATIONS,WASTE SITE-SEVERITY OF PROBLEMS CODE
47460	SUBSAMPLE - DECIMAL FRACTION OF WHOLE NUMBER
47477	COMPOSITION AND/OR DISPOSITION OF CATCH NUM CODE
70231	CURRENT DIRECTION (DEGREES FROM DOWNSTREAM FLOW)
71999	SAMPLE PURPOSE CODE
72032	NUMBER OF SPILLWAY GATES OPEN
73672	DATE OF ANALYSIS YYMMDD
73673	DATE OF EXTRACTION YYMMDD
74031	GRANT, PROJECT COST ELIGIBLE FOR CONSTRUCTION
74032	GRANT, AMOUNT OF PL 660 GRANT FOR THIS PROJECT
74033	GRANT, FEDERAL, OTHER THAN PL 660 GRANT
74034	GRANT, FUTURE PL 660 WHICH MAY APPLY TO THIS PROJ
74035	GRANT, TOTAL FEDERAL, WHICH APPLIES TO THIS PROJ
74036	GRANT, PROJ NUMBER ASSIGNED TO THIS APPLICATION
74037	GRANT, TYPE OF PROJECT TO WHICH GRANT APPLIES
74038	GRANT, STATUS OF PROJECT TO WHICH GRANT APPLIES
74039	PCS/STORET WATER QUALITY FILE INTERFACE YR/MO/DAY
74040	SURVEY NUMBER YYMMNO
74041	STORET STORAGE TRANSACTION DATE YR/MO/DAY

STORET Code	Description of STORET Administrative Parameters
74050	RADIOACTIVITY, GENERAL (PERMIT)
74051	ALGICIDES, GENERAL (PERMIT)
74052	CHLORINATED HYDROCARBONS, GENERAL (PERMIT)
74053	PESTICIDES, GENERAL (PERMIT)
74056	COLIFORM, TOTAL, GENERAL (PERMIT)
74065	STREAM FLOW CLASS
74066	ANNUAL RUNOFF
74067	SOIL CLASSIFICATION
74068	WATER QUALITY DESIGNATED USE CLASSIFICATION (IA)
74100	PRIMARY 1972 SIC CODE
74101	SECONDARY 1972 SIC CODE
74102	SECONDARY 1972 SIC CODE
74103	SECONDARY 1972 SIC CODE
74200	SAMPLE PRESERVATION METHODS ONE OR MORE IN COMB.
74205	LAND RESOURCE AREA (IOWA)
74206	SOIL EROSION POTENTIAL (IOWA)
74209	WATER QUALITY INDEX - STATE OF ILLINOIS, EPA
74210	FOREST STREAM WATER QUALITY INDEX CALC. NUMBER
74990	FISH SPECIES NUMERIC CODE - F&W SERVICE
74995	ANATOMY CODE
75000	SPECIES CODE-REMARK=SEX (M=MALE,F=FEMALE,U=UNK.)
81028	WITHDRAWAL OF GROUNDWATER (MILLION GAL/DAY)
82258	WATER CLASSIFICATION CODE (1-9) CODE
82292	DATA RELAY GROUND STATION SOURCE NODE CODE, CODE
82309	CONTAMINATION SOURCE POSSIBLE CODES NUMERIC CODE
82310	DEPTH CONFIDENCE IN REPORTED VALUES NUMERIC CODES
82373	FREQUENCY OF SAMPLING M=MON,Q=QUAR,Y=YR,R=RNFFCODE
82519	DRILLER REGISTRATION NUMBER ALPHA-NUMERIC CODE
82562	NARRATIVE REQUIREMENT EXCEEDANCES INTEGER

STORET Code	Description of STORET Administrative Parameters
82576	DAILY EXCURSION TIME, WATER MIN
82577	MONTHLY EXCURSION TIME, WATER TOTAL MIN
82578	DAY/MAXIMUM EXCURSION TIME, WATER MIN
82579	CODE NUMBER FOR PERSON COLLECTING SAMPLE
84002	CODE, GENERAL INFORMATION - ALPHA, NUMERIC CODE
84003	WATER SHED ID NUMBER (IOWA)
84005	FISH SPECIES CODE-FISH & WILDLIFE SER
84006	OWNERSHIP CLASSIFICATION OF LAKE, ILLINOIS SYSTEM
84010	PUBLIC ACCESS TO LAKE ILLINOIS SYSTEM
84011	CONFIDENCE CODE FOR GLC CONFIRMATION CODE
84012	PATIENT PARAMETERS (AGE, SEX, WT, ETC.) CODE
84013	SAMPLE PARAMETERS D=DESIGN SPECIMEN, S=SURPLUS
84027	CODE NUMBER FOR AGENCY COLLECTING SAMPLE
84028	CODE NO FOR AGENCY ANALYZING SAMPLE
84029	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE FIELD
84033	EGD ANALYTICAL DATA COMPLETENESS Y=YES N=NO CODE
84034	EGD SMPL NO.(SMPL.IDENT) NUMERIC=SCS ALPH+4NUM=JRB
84035	EGD SAMPLE CLASSIFICATION CATEGORY ALPHA CODE
84036	EGD INDUSTRIAL CATEGORY NUMERIC CODE
84037	EGD INDUSTRIAL CATEGORY NAME ALPHA CODE
84038	EGD LABORATORY NUMERIC CODE
84039	EGD LABORATORY NAME ALPHA CODE
84040	EGD SAMPLE STATUS (1-5,9,AND BLANK) NUMERIC CODE
84041	EGD ACID STATUS (1-5,9,AND BLANK) NUMERIC CODE
84042	EGD BASE STATUS (1-5,9AND BLANK) NUMERIC CODE
84043	EGD PESTICIDE STATUS (1-5,9,AND BLANK) NUMERIC CODE
84044	EGD VOA FRACT. STATUS INDICATOR (1-5,9,BLANK) CODE
84045	EGD ACID EXTRACT DATE (YYMMDD) NUMERIC CODE
84046	EGD BASE EXTRACTION DATE (YYMMDD) NUMERIC CODE

STORET Code	Description of STORET Administrative Parameters
84047	EGD PESTICIDE EXTRACTION DATE (YYMMDD) NUMERIC CODE
84048	EGD VOA FRACTION INJECTION DATE YYMMDD NUMERIC CODE
84049	EGD ACID CONC. FACTOR (FIVE NUMERIC DIGITS) CODE
84050	EGD BASE CONC.FACTOR (FIVE NUMERIC DIGITS) CODE
84051	EGD PESTICIDE CONC.FACTOR (FIVE NUMERIC DIGITS) CODE
84052	EGD VOA FRACTION CONC. FACTOR (5 NUMERIC DIGITS) CODE
84053	SAMPLE TYPE AND FREQUENCY OF COLLECTION CODE
84054	LITHOLOGY ALPHA-NUMERIC CODE
84055	AVAILABLE LOGS ALPHA-NUMERIC CODE
84056	WATER USE CATEGORY ALPHA-NUMERIC CODE
84057	INSPECTION TYPE ALPHA-NUMERIC CODE
84058	HYDROGEOLOGIC SYSTEM ALPHA-NUMERIC CODE
84059	WELL OWNERSHIP ALPHA-NUMERIC CODE
84060	TOPOGRAPHY ALPHA-NUMERIC CODE
84061	WELL USE ALPHA-NUMERIC CODE
84062	MEASURING POINT DESCRIPTION ALPHA-NUMERIC CODE
84063	DRILLING METHOD ALPHA-NUMERIC CODE
84064	WELL DATA AVAILABILITY ALPHA-NUMERIC CODE
84065	PERMIT COMPLIANCE DATA ALPHA-NUMERIC CODE
84067	NATURE OF MONITORING ALPHA-NUMERIC CODE
84073	REPLACES EXISTING WELL ALPHA-NUMERIC CODE
84074	AQUIFER TYPE (SEE USGS HANDBOOK) ALPHA CODE
84075	WELL PERMIT NUMBER ALPHA-NUMERIC CODE
84076	TSD MONITORING WELL TYPE ALPHA CODE
84077	TSD MONITORING WELL SAMPLING METHOD ALPHA CODE
84083	POLLUTION VERIFICATION ALPHA CODE
84084	WELL SAMPLE PURPOSE ALPHA CODE
84090	SAMPLE FILE CONTROL PROJECT IDENTIFICATION A-CODE
84091	INFILTRATION DATE/BEGINNING 'YYMMDD'

STORET Code	Description of STORET Administrative Parameters
84092	INFILTRATION DATE/ENDING 'YYMMDD'
84093	ENFORCEMENT FORM #2-C,DATA IDENTIFICATION CODE
84102	SAMPLE SPECIES-SUB ID ALPHA CODE
84103	DIOXIN LABORATORY ALPHA CODE
84104	DIOXIN STUDY ALPHA CODE
84112	SOURCE OF GEOHYDROLOGIC DATA CODE
84119	SOURCE OF EVACUATION DATA CODE
84121	REGULATING AGENCY CODE
84122	SAMPLE PURPOSE CODE
84126	SOURCE OF DEPTH DATA CODE
84127	METHOD OF DEPTH MEASUREMENT CODE
84128	SOURCE OF WATER-LEVEL DATA CODE
84129	DATA QUALITY
84141	LAKE, PHYSICAL CONDITION AT SAMPLE TIME, 1-5, CODE
84142	LAKE,RECREATIONAL SUITABILITY @ SMPL TIME,1-5, CODE
84164	SAMPLER TYPE, CODE
85300	PROBLEM CODE NES SURVEY
85327	WATER LEVEL AT SAMPLE COLLECTION TIME-CODE-NES
85332	CLOUD COVER AT SAMPLE COLLECTION TIME-CODE-NES
85553	WELL COMPLETION DATE (MONTH/YEAR)
85554	WELL WORKOVER DATE, LATEST (MONTH/YEAR)

Appendix E

STORET Parameters Not Suitable for Statistical Analysis

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
00001	X-SEC. LOC., HORIZ (FT. FROM R BANK LOOK UPSTR.)
00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)
00005	X-SEC. LOC., VERTICAL (PERCENT OF TOTAL DEPTH)
00006	DISTANCE FROM LOCATION IN X MILES
00007	DISTANCE FROM LOCATION IN Y MILES
00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE
00009	X-SEC. LOC.(FT FROM LEFT BANK LOOKING DOWNSTRM)
00027	CODE NO FOR AGENCY COLLECTING SAMPLE
00028	CODE NO FOR AGENCY ANALYZING SAMPLE
00033	WEATHER CODE FOR OCEAN-OBSERV. (WMO CODE 4677)
00037	WIND FORCE (BEAUFORT UNITS)
00038	WIND DIRECTION (WMO CODES 0885 + 0887)
00041	WEATHER (WMO CODE 4501)
00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL
00043	CLOUD TYPE (WMO CODE 0500)
00044	CLOUD AMOUNT (WMO CODE 2700)
00047	TOTAL PARTIAL PRESSURE DISSOLVED GASES (MM HG)
00048	TOTAL PARTIAL PRESSURE DISSOLVED GASES (% SAT)
00049	SURFACE AREA IN SQUARE MILES
00050	EVAPORATION, TOTAL (INCHES PER DAY)
00051	SURFACE AREA IN SQUARE FEET
00053	SURFACE AREA, ACRES
00054	RESERVOIR STORAGE - ACRE FEET
00063	SAMPLING POINTS, NUMBER OF IN A CROSS SECTION
00067	TIDE STAGE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
00069	SEA WAVES(0=NONE;1=0-3";2=4-20";3=21-48";4=4-8')
00097	SAMPLING STATION LOCATION, VERTICAL (FEET)
00098	SAMPLING STATION LOCATION, VERTICAL (METERS)
00111	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI
00115	SAMPLE TREATMENT CODE (1=RAW,2=TREATED)
01300	OIL-GREASE (SEVERITY)
01305	DETERGENT SUDS (SEVERITY)
01310	GAS BUBBLES (SEVERITY)
01315	SLUDGE, FLOATING (SEVERITY)
01320	GARBAGE, FLOATING (SEVERITY)
01325	ALGAE, FLOATING MATS (SEVERITY)
01330	ODOR, ATMOSPHERIC (SEVERITY)
01331	TASTE (SEVERITY)
01335	SEWAGE SOLIDS, FRESH, FLOATING (SEVERITY)
01340	FISH, DEAD (SEVERITY)
01345	DEBRIS, FLOATING (SEVERITY)
01350	TURBIDITY (SEVERITY)
01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE
01355	ICE COVER, FLOATING OR SOLID (SEVERITY)
03595	BIOASSAY (96 HR), EFFLUENT, TOTAL CODE
03596	BIOASSAY (48 HR), EFFLUENT, TOTAL CODE
03597	BIOASSAY (24 HR), EFFLUENT, TOTAL CODE
03598	TOXICITY, EFFLUENT, TOTAL CODE
03599	TOXICITY, CHOICE OF SPECIES, EFFLUENT CODE
03600	TOXICITY, TROUT, EFFLUENT, TOTAL CODE
03601	TOXICITY, SAND DOLLAR, EFFLUENT CODE
03602	BIOCHEMICAL OXYGEN DEMAND, EFFLUENT, TOTAL CODE
03603	SOLIDS, TOTAL SUSPENDABLE, EFFLUENT, TOTAL CODE
03605	FLOW METER CALIBRATION, WATER CODE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
03717	ONCORHYNCHUS MYKISS, WATER CODE
04117	TETHER LINE USED FOR COLLECTING SAMPLE CODE
04160	HALOCARBONS, PURGEABLE, SCAN, EFFLUENT CODE
04161	HALOCARBONS, PURGEABLE, SCAN, SLUDGE CODE
04162	AROMATIC, PURGEABLE, SCAN, EFFLUENT CODE
04163	AROMATIC, PURGEABLE, SCAN, SLUDGE CODE
04164	PHENOLIC, TOTAL, SCAN, EFFLUENT CODE
04165	PHENOLIC, TOTAL, SCAN, SLUDGE CODE
04166	PCB, TOTAL, SCAN, EFFLUENT CODE
04167	PCB, TOTAL, SCAN, SLUDGE CODE
04174	FREE LIQUIDS IN SEWAGE SLUDGE CODE
34765	AVIAN NUMERICAL SPECIES CODE (BIRDS)
34766	MAMMALIAN NUMERICAL SPECIES CODE
34771	MACROPHYTE, INSTREAM, VISUAL SIGHTING CODE
34773	ODOR, AMBIENT WATER CODE
34774	FISH, INSTREAM, VISUAL SIGHTING CODE
34775	STREAMBANK CHANNEL ALTERATIONS CODE
34776	HYDRAULIC STRUCTURES, INSTREAM CODE
34780	LAND USE, ADJACENT STREAM CODE
34781	SAMPLE POINTS, # OF LONGTDNL TRANSECTS, REACH CODE
34782	STREAM STAGE TREND CODE
34789	HABITATS, TYPES SAMPLED CODE
45613	FLOATING SOLIDS/VISIBLE FOAM, VISUAL, YES=1, NO=0, CODE
45614	SANITARY WASTE DISCHARGE ASSESSMENT, YES=1, NO=0, CODE
45615	INTERMITTENT DISCHARGE ASSESSMENT, YES=1, NO=0,CODE
46001	WATER APPEARANCE CODE (BASED ON FIELD ASSESSMENT)
46478	EQUIPMENT INSPECTION, VISUAL CODE
46486	TOXICITY,ACUTE 24HR(STATIC)CERIODAPHNIA (P/F) CODE
47454	FLOW METER REVOLUTIONS NUMBER

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
47455	LATITUDE, STARTING, OF A SAMPLE TOW DDMMSS
47456	LONGITUDE, STARTING, OF A SAMPLE TOW DDDMMSS
47457	LATITUDE, FINISHING, OF A SAMPLE TOW DDMMSS
47458	LONGITUDE, FINISHING, OF A SAMPLE TOW DDDMMSS
47459	LENGTH FREQUENCY NUMBER
47461	TIME THAT THE EQUIPMENT WAS SAMPLING MINUTES
47476	DIRECTION OF TOW IN RELATION TO CURRENT NUM CODE
50044	HYDROGRAPH LIMB, 1BASE, 2RISING, 3PEAK, 4FALLING, CODE
61390	DIATOMS,FIRST DOMINANT SPECIES OF UNITS - CODE
61391	DIATOMS,SECOND DOMINANT SPECIES OF UNITS - CODE
61392	DIATOMS,THIRD DOMINANT SPECIES OF UNITS - CODE
61393	DIATOMS,FOURTH DOMINANT SPECIES OF UNITS - CODE
70220	WAVE DIRECTION (WMO CODES 0885 + 0887)
70222	WAVE HEIGHT (WMO CODE 1555)
70223	WAVE PERIOD (WMO CODE 3155)
71090	BIVALVE SPECIES CODE
71500	EQUITABILITY INDEX,BENTHIC MACROINVER CODE
72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)
72001	DEPTH, TOTAL OF HOLE (FT BELOW LAND SURFACE DATUM)
72002	DEPTH TO TOP OF WATER-BEARING ZONE SAMPLED (FT)
72003	DEPTH TO BOTTOM OF WATER-BEARING ZONE SAMPLED (FT)
72004	PUMP OR FLOW PERIOD PRIOR TO SAMPLING MINUTES
72005	SAMPLE SOURCE CODE (BM WELL DATA)
72006	SAMPLING CONDITION CODE (BM WELL DATA)
72007	FORMATION NAME CODE (BM WELL DATA)
72017	SERIES CODE (BM WELL DATA)
72018	SYSTEM CODE (BM WELL DATA)
72111	DIRECT READOUT GROUND STATN TRANSMIT EROR CODE NUM
74054	FECAL STREPTOCOCCI, GENERAL (PERMIT)

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
74055	FECAL COLIFORM, GENERAL (PERMIT)
80889	ACTIVATED SLUDGE PROCESS MODIFICATION CODE
81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)
81637	SHELLFISH SPECIES NUMERIC CODE
82289	LAGOON OBSERVATION, VISUAL, Y=YES N=NO CODE
82398	SAMPLING METHOD (CODES)
82524	STORAGE COEFFICIENT NUMERICAL CODE
82923	ATMOSPHERIC DEPOSITION TYPE, WET CODE
83205	ATMOSPHERIC DEPOSITION TYPE, BULK CODE
84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)
84001	AQUIFER NAME CODE (SEE USGS CATALOG)
84004	LAKE TYPE ILLINOIS CLASSIFICATION SYSTEM
84007	ANATOMY ALPHA CODE
84008	LIFE STYLE/HABITAT OF THE INDIVIDUALS IN THE SAMPLE
84009	SHELLFISH SPECIES ALPHANUMERIC CODE
84014	SPECIES SEX CODE
84030	CLOUD AMOUNT ALPHA WEATHER CODES
84031	PHYSICAL WEATHER ALPHA WEATHER CODES
84032	STREAM CONDITION ALPHA WEATHER CODES
84066	OIL AND GREASE, VISUAL, ALPHA-NUMERIC CODE
84068	SERIES CODE ALPHA-NUMERIC CODE
84069	FORMATION CODE ALPHA-NUMERIC CODE
84070	METHOD OF TESTING WELL YIELD ALPHA-NUMERIC CODE
84071	WATER LEVEL MEASUREMENT CONDITIONS ALPHA-NUM CODE
84072	WATER LEVEL MEASUREMENT METHOD ALPHA-NUMERIC CODE
84078	GIARDIA LAMBLIA, 2HSO4 OR SUC GRAD, MICRO, CODE
84079	BACTERIA, CELLUOLYTIC, AEROBIC-ANAEROBIC, RT 5-7, CODE
84080	BACTERIA, HYDROCARBONOCLASTIC, SHAKE INC 32C/WK, CODE
84081	YERSINIA ENTEROCOLITICA, SB BROTH, MAC AGAR,22C, CODE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
84082	SALMONELLA/SHIGELLA, QUANT OR QUAL, HVF OR SWAB, CODE
84085	ORGANICS, VOLATILE, DETECTED, NUMERIC CODE, CODE
84086	MACROINVERTEBRATE SPECIES NUMERIC CODE
84087	MACROINVERTEBRATE HABITAT CODE
84088	BIOLOGY 1 MACROINVERTEBRATE CODE
84089	BIOLOGY 2 MACROINVERTEBRATE CODE
84094	PHYTOPLANKTON SPECIES CODE, NUMERIC
84095	PHYTOPLANKTON SPECIES CODE, ALPHA
84096	SEVERITY OF NON-PLANKTON ALGAE-MAT COVERAGE CODE
84097	LAGOON MOUTH CONDITION CODE
84098	COLOR OF NON-PLANKTONIC ALGAE CODE
84099	WATER - RELATIVE WATER LEVEL CODE
84100	SEX(1-MALE,2-FEMALE,3-MIXED,4-UNKNOWN) NUM CODE
84101	METAFORM, BENTHIC, ADULT(A), PUPAE(P), LARVAE(L) CODE
84105	OIL-SEPARATOR OBSERVATION ASSESS (0=DID NOT,1=DID)
84106	EVAPORAT/BED OBS ASSESS (0=DID NOT LOOK, 1=DID LOOK)
84107	AREA INSPECTION, VISUAL (0=DID NOT, 1=DID) CODE
84108	DRAIN FIELD INSPECTION ASSESS (0=DID NOT, 1=DID) CODE
84109	SLUDGE BUILD-UP IN WATER (0=DID NOT OBS, 1=OBS) CODE
84110	POND OBSERVATION ASSESS WATER (0=DID NOT, 1=DID) CODE
84111	LITHOLOGIC MODIFIER CODE
84113	WELL INTAKE FINISH CODE
84114	WELL CASING MATERIAL CODE
84115	TYPE OF MATERIAL FROM WHICH OPENING IS MADE CODE
84116	DRILLING FLUID CODE
84117	TYPE OF SURFACE SEAL CODE
84118	METHOD OF DEVELOPMENT CODE
84120	PACKING MATERIAL CODE
84124	METHOD OF EVACUTAION CODE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
84125	METHOD OF WATER-LEVEL MEASUREMENT CODE
84130	OUTFALL OBSERVATION, VISUAL, Y=YES N=NO CODE
84131	SAMPLING METHOD, CONFIDENCE CODE (A,B,C,D) CODE
84132	STREAMBANK, VEGETATIVE STABILITY RATING CODE
84133	STREAMBANK, STABILITY (BANK EROSION) RATING CODE
84134	PARTICLES, DEGREE SURROUNDED BY FINE SEDIMENT, CODE
84135	STREAMSIDE, (SHORELINE) COVER RATING CODE
84136	CANOPY TYPE CODE
84137	CHANNEL STABILITY RATING CODE (E,G,F,P) CODE
84138	COLIFORM, TOTAL, WATER, WHOLE, MPN, PRES=1, ABSNT=2, CODE
84139	ENTEROBACTER AGGLOMERANS, WTR, MF, PRES=1, ABSNT=2, CODE
84140	KLEBSIELLA PNEUMONIAE, WTR, WH, MF, PRES=1, ABSNT=2, CODE
84143	WELL, PURGING CONDITION CODE
84144	WELL, SELECTION CRITERIA CODE
84145	PROJECT COMPONENT CODE
84146	LAND USE, PREDOMINANT, WITHIN 100 FT OF WELL, CODE
84147	LAND USE, PREDOMINANT, 1/4 MI.RADIUS OF WELL, CODE
84148	LAND USE, PREDMNT., FRAC., WITHIN 1/4 MI OF WELL, CODE
84149	LAND USE, CHANGE, LAST 10 YRS, WITHIN 1/4MI WELL, CODE
84150	HABITAT QUALITY INDEX RATING CODE
84151	AQUATIC LIFE, USE CLASSES CODE
84152	STREAM, STAGE CLASS CODE
84153	STREAMBANKS, GRAZING DAMAGE CODE
84154	CHANNEL, MAJOR ALTERATIONS CODE
84155	RIFFLE/RUNS, OCCURRENCE CODE
84156	POOL, DESCRIPTION CODE
84157	SANDBARS, LARGE, OCCURRENCE CODE
84158	LAND USE, NEAR STREAM, PREDOMINANT CODE
84159	STREAM,COVER (INSTREAM SHELTER FOR ADULT FISH), CODE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
84160	STREAM, DEGRADATION RATING CODE
84161	STREAM, ORDER CODE
84162	LAND RESOURCE AREA CODE
84163	FLOW, STREAM, CLASSIFICATION CODE
84165	DISCHARGE EVENT OBSERVATION, YES=1 NO=0, CODE
84166	STORM HYDROGRAPH, DIRECTION, (RISE,FALL), CODE
84167	MICROSCOPIC EXAMINATION CODE
84168	AVIAN SPECIES ALPHA CODE (BIRDS)
84169	MAMMALIAN ALPHA SPECIES CODE
84170	ALPHA AGE TEXT CODE
84200	LATITUDE/LONGITUDE COORDINATES OF WELL, METHOD CODE
84201	NATIONAL REFERENCE DATUM, ALTITUDE(VERTICAL) CODE
84202	ALTITUDE METHOD CODE
85000	STREAM MILE, ACTUAL MILES
85014	HABITAT, 1970 ACRES THIS TYPE FOR THIS STATION
85015	HAB., ESTIMATED ACRES THIS TYPE THIS STATION
85016	HAB., ESTIMATED ACRES THIS TYPE THIS STA. BY 1990
85017	HAB., ESTIMATED ACRES THIS TYPE THIS STA. BY 2000
85018	TYPE CODES: 1=CLEAR CUT/2=SELECT CUT/3=RNGE DEVLP
85019	ACRES, NO. ALTERED FROM 1965-1970 (0-5 YEARS OLD)
85020	ACRES, NO. ALTERED 1960-1965 (5-10 YEARS OLD)
85021	ACRES, NO. ALTERED 1955-1960 (10-15 YEARS OLD)
85022	ACRES, NO. ALTERED 1950-1955 (15-20 YEARS OLD)
85023	ACRES, NO. ALTERED BEFORE 1950 (20+ YEARS OLD)
85024	ACRES,PREDICTED YRLY.AVE.TO BE ALTERED IN FUTURE
85025	LANDOWNERS, CODES FOR ALL IN STATE OF OREGON
85026	ACRES, CURRENT OWNED THIS LANDOWNER THIS STATION
85027	ACRES, ESTIMATED OWNED BY L-O THIS STA. BY 1980
85028	ACRES, ESTIMATED OWNED BY L-O THIS STA. BY 1990

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
85029	ACRES, ESTIMATED OWNED BY L-O THIS STA. BY 2000
85030	LAND USES, CODES FOR ALL IN STATE OF OREGON
85031	ACRES, CURRENT DEDICATED TO THIS USE THIS STATION
85032	ACRES, ESTM. DEDICTD TO THIS USE THIS STA BY 1980
85033	ACRES, ESTM. DEDICTD TO THIS USE THIS STA BY 1990
85034	ACRES, ESTM. DEDICTD TO THIS USE BY YR.2000 --STA.
85035	HAB., INDICATED ANIMAL USES THIS TYPE IN WINTER
85036	HAB., INDICATED ANIMAL USES THIS TYPE IN SPRING
85037	HAB., INDICATED ANIMAL USES THIS TYPE IN SUMMER
85038	HAB., INDICATED ANIMAL USES THIS TYPE IN FALL
85039	HAB., INDICATED ANML USES THIS TYPE FOR WINTERING
85040	HAB., INDICATED ANML USES THIS TYPE FOR FEEDING
85041	HAB., INDICATED ANML USES TYPE FOR REARING YOUNG
85042	HAB., INDICATED BIRD USES THIS TYPE FOR NESTING
85043	HAB., INDICATED ANML USES THIS TYPE FOR SHELTER
85044	HAB., INDICATED ANML USES THIS TYPE FOR REST AREA
85045	ANML, SHOWS PRESENCE/ABSNC OF COMMENTS ON THIS ANML
85046	HAB.,ACRES OCCUPIED BY THIS ANML THIS UNIT & CO.
85050	ANIMALS ARE NOT PRESENT THIS STATION
85051	ANIMALS, ONLY A FEW ARE PRESENT THIS STATION
85052	ANIMALS COMMONLY SEEN; USE MODERATE THIS STATION
85053	ANIMALS FREQUENTLY SEEN; USE HEAVY THIS STATION
85070	OWNERSHIP (.1) AND ACCESS (.2) BY YEAR
85071	PRIVATE OWNERSHIP AND ACCESS MILEAGE
85072	FEDERAL OWNERSHIP AND ACCESS MILEAGE
85073	STATE OWNERSHIP AND ACCESS MILEAGE
85074	COUNTY OWNERSHIP AND ACCESS MILEAGE
85075	CITY OWNERSHIP AND ACCESS MILEAGE
85076	WATER YEAR DATA REFERS TO

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
85077	CALENDAR YEAR DATA REFERS TO
85088	MONTHS POLLUTION IS A PROBLEM JAN THRU JUNE
85089	MONTHS POLLUTION IS A PROBLEM JULY TO DECEMBER
85090	MAN-CAUSED CHANNEL CHANGE IN MILES
85091	STREAM BANK HABITAT DESTROYED IN MILES
85092	STREAMBED SILTED IN MILES
85093	TURBIDITY PROBLEM IN MILES
85094	SEVERITY: 1=ELIMINATES 2=INTERFERES 3=NO PROBLEM
85095	DURATION OF TURBIDITY PROBLEM IN MONTHS
85096	SEASON OF NATURAL DRY CHANNEL 1=SP 2=SU 3=F 4=W
85097	NATURAL DRY CHANNEL IN MILES
85098	MAN-CAUSED DRY CHANNEL SEASON 1=SP 2=SU 3=F 4=W
85099	MAN-CAUSED DRY CHANNEL IN MILES
85100	YEAR BARRIER IS PRESENT
85101	NUMBER OF NATURAL BARRIERS
85102	MILES BLOCKED BY NATURAL BARRIERS
85103	NUMBER OF NATURAL BARRIERS TO BE REMOVED
85104	NUMBER OF DAMS AND MAN CAUSED OBSTRUCTIONS
85105	MILES BLOCKED BY DAMS OR MAN CAUSED OBSTRUCTIONS
85106	NUMBER OF DAMS TO BE ALTERED
85107	MILES OF STREAM OCCUPIED BY IMPOUNDMENT
85108	LOWER END OF SECTION COVERED BY THIS FORM
85109	UPPER END OF SECTION COVERED BY THIS FORM
85110	LOWER LIMIT THIS SPECIES THIS FORM BY RIVER MILE
85111	UPPER LIMIT THIS SPECIES THIS FORM BY RIVER MILE
85112	STREAM SURVEY:1=COMPLETE 2=INCOMPLETE 3=NONE
85113	ABUNDANCE: 1=FSHWY/TAG&R 2=SURVEY 3=EST PLUS 4=EST
85114	ABUNDANCE: N=S&ST 1=ABUNDANT 4=SCARCE RGH FSH 3=SCARCE
85116	SQUARE YARDS OF SPAWNING AREA IN 1970

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
85117	SQUARE YARDS OF SPAWNING AREA IN 1980
85118	SQUARE YARDS OF SPAWNING AREA IN 1990
85119	SQUARE YARDS OF SPAWNING AREA IN 2000
85120	MILES OF REARING AREA IN 1970
85121	MILES OF REARING AREA IN 1980
85122	MILES OF REARING AREA IN 1990
85123	MILES OF REARING AREA IN 2000
85124	CATCH BY SPORT ANGLING IN 1970
85125	RECREATION DAYS SPENT ANGLING IN 1970
85126	RECREATION DAYS SPENT ANGLING IN 1980
85127	RECREATION DAYS SPENT ANGLING IN 1990
85128	RECREATION DAYS SPENT ANGLING IN 2000
85129	CONTRIBUTION TO COMMERCIAL CATCH IN 1970
85130	PERCENT OF TOTAL FISHING DONE FROM BOAT IN 1970
85131	PERCENT OF TOTAL FISHING DONE FROM BANK IN 1970
85132	PERCENT OF TOTAL FISHING DONE WITH LURE IN 1970
85133	PERCENT OF TOTAL FISHING DONE WITH BAIT IN 1970
85134	PERCENT OF TOTAL FISHING DONE WITH A FLY IN 1970
85146	YEAR THIS FACTOR HAS A LIMITING EFFECT
85157	MAN DAYS OF WATER SKIING
85158	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NO ACTIVITY
85159	MAN DAYS OF BOATING OTHER THAN ANGLING
85160	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NO ACTIVITY
85161	MAN DAYS OF SWIMMING
85162	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NO ACTIVITY
85163	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NOT PRESENT
85165	NUMBER OF MONTHS SUSPENDED SOLIDS ARE A PROBLEM
85167	NUMBER OF MONTHS PLANKTON IS A PROBLEM
85168	1=ELIMINATE PROD 2=REDUCE 3=NO INTER. 4=NOT PRES

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
85169	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85170	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85171	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85172	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85173	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85174	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85175	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85176	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85177	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85178	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85179	YEAR THIS NUMBER OF FACILITIES PRESENT
85180	NUMBER OF BOAT RAMPS
85181	NUMBER OF MOORAGES
85182	NUMBER OF PICNIC AREAS
85183	NUMBER OF CAMP AREAS
85184	NUMBER OF RESORTS
85185	YEAR THIS ZONED AREA PRESENT
85186	ACRES SET ASIDE FOR OTHER BOATING
85187	ACRES SET ASIDE FOR WATER SKIING
85188	MILES OF SHORE LOST TO ACCESS BY HOME SITES
85189	TOTAL MILES OF SHORELINE
85193	WILL RECR BE INC BY RELEASE OF FINGERL 0=NO 1=YES
85195	CATCH AND RECREATION ESTIMATE 1=BEST 4=POOREST
85333	PRECIPITATION-SAMPLE COLLECTION TIME-CODE- NES
85538	GAMMA SCAN DATE (YR,MO,DAY)
85539	DATE OF REPORT (YR,MO,DAY)
85658	TIME NIGHT CO2 HR
85661	TIME, INTERVAL DAY CO2 HR

Appendix F

National EPA Water Quality Criteria Summary[1]

The following table presents the national water quality criteria that were used to assess water quality data on a station-by-station basis and within the entire study area. Criteria are, for the most part, maximum values (except for dissolved oxygen, pH, and as noted). Criteria exist in any of four categories: Fresh Acute, Drinking Water, Marine Acute, and Other. Acute criteria are the highest 1-hour average concentrations which should not result in unacceptable impacts to aquatic organisms in either fresh or marine waters, respectively. The Drinking Water criteria are intended for human consumption; while the Other criteria represents National Park Service or other concerns. Parameters are listed in ascending order by STORET code. It is important to note that similar parameters often have non-consecutive codes. Consequently, scanning the entire list is necessary to obtain the criteria for all parameters of a particular type (eg. lead, copper, etc.). Refer to the Parameter Period of Record Tabulation to obtain the STORET code for any parameter measured in the park.

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
	00070				50[t]	TURBIDITY, JACKSON CANDLE UNITS	JTU	Physical
	00076				50[t]	TURBIDITY, HACH TURBIDIMETER, FORMAZIN TUR. UNITS	FTU	Physical
14808798	00154		250[s]			SULFATE (AS S) WHOLE WATER	MG/L	General Inorganic
7782447	00299				4.0[u]	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	MG/L	Dissolved Oxygen
7782447	00300				4.0[u]	OXYGEN, DISSOLVED	MG/L	Dissolved Oxygen
	00400				≤6.5, ≥9.0[#]	PH	SU	Physical
	00403				≤6.5, ≥9.0[#]	PH, LAB	SU	Physical
	00406				≤6.5, ≥9.0[#]	PH, FIELD	SU	Physical

[1]Sources: (1) U.S. Environmental Protection Agency, Quality Criteria for Water 1995, Final Draft; (2) U.S. Environmental Protection Agency, 40 CFR 141 - National Primary Drinking Water Regulations, and 40 CFR 143 - National Secondary Drinking Water Regulations, July 1, 1994; and (3) Others as Noted in Footnotes.

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
471341	00409				<200[=]	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYSIS	UEQ/L	General Inorganic
17778880	00613		1			NITRITE NITROGEN, DISSOLVED AS N	MG/L	Nitrogen
17778880	00615		1			NITRITE NITROGEN, TOTAL AS N	MG/L	Nitrogen
17778880	00618		10			NITRATE NITROGEN, DISSOLVED AS N	MG/L	Nitrogen
17778880	00620		10			NITRATE NITROGEN, TOTAL AS N	MG/L	Nitrogen
17778880	00628		10			NITRITE + NITRATE, SUSPENDED AS N	MG/L	Nitrogen
17778880	00630		10			NITRITE PLUS NITRATE, TOTAL 1 DET.	MG/L	Nitrogen
17778880	00631		10			NITRITE PLUS NITRATE, DISSOLVED 1 DET.	MG/L	Nitrogen
57125	00718	22	200	1.0		CYANIDE, WEAK ACID, DISSOCIABLE, WATER, WHOLE	UG/L	General Inorganic
57125	00719	22	200	1.0		CYANIDE, FREE,IN WATER&WASTEWATERS, HBG METHOD	UG/L	General Inorganic
57125	00720	0.022	0.2	0.001		CYANIDE, TOTAL	MG/L	General Inorganic
57125	00722	0.022	0.2	0.001		CYANIDE, FREE (AMENABLE TO CHLORINATION)	MG/L	General Inorganic
57125	00723	22	200	1.0		CYANIDE, DISSOLVED STD METHOD	UG/L	General Inorganic
57125	00724	22	200	1.0		CYANIDE COMPLEXED TO A RANGE OF COMPNDS, WATER	UG/L	General Inorganic
16887006	00940	860	250[s]			CHLORIDE,TOTAL IN WATER	MG/L	General Inorganic
16887006	00941	860	250[s]			CHLORIDE, DISSOLVED IN WATER	MG/L	General Inorganic
14808798	00945		250[s]			SULFATE, TOTAL (AS SO4)	MG/L	General Inorganic
14808798	00946		250[s]			SULFATE, DISSOLVED (AS SO4)	MG/L	General Inorganic
1332214	00948		7000000			ASBESTOS, WHOLE SAMPLE	CNT/L	General Inorganic
16984488	00950		4.0			FLUORIDE, DISSOLVED AS F	MG/L	General Inorganic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
16984488	00951		4.0			FLUORIDE, TOTAL AS F	MG/L	General Inorganic
7782414	00953		4000			FLUORINE, TOTAL	UG/L	General Inorganic
7440382	00978	360	50	69		ARSENIC, TOTAL RECOVERABLE IN WATER AS AS	UG/L	Metal
7782492	00981	20	50	300		SELENIUM,TOTAL RECOVERABLE IN WATER AS SE	UG/L	Metal
7440280	00982	1400*	2.0	2130*		THALLIUM, TOTAL RECOVERABLE IN WATER AS TL	UG/L	Metal
7782492	00990	20	50	300		SELENITE, TOTAL RECOVERABLE INORGANIC	UG/L	Metal
7440382	00991	360	50	69		ARSENIC, TOTAL RECOVERABLE TRIVALENT INORGANIC	UG/L	Metal
7440382	00995	360	50	69		ARSENIC, INORGANIC DISS	UG/L	Metal
7440382	00996	360	50	69		ARSENIC, INORGANIC SUSP	UG/L	Metal
7440382	00997	360	50	69		ARSENIC, INORGANIC TOT	UG/L	Metal
7440417	00998	130*	4.0			BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE	UG/L	Metal
7440382	01000	360	50	69		ARSENIC, DISSOLVED	UG/L	Metal
7440382	01001	360	50	69		ARSENIC, SUSPENDED	UG/L	Metal
7440382	01002	360	50	69		ARSENIC, TOTAL	UG/L	Metal
7440393	01005		2000			BARIUM, DISSOLVED	UG/L	Metal
7440393	01006		2000			BARIUM, SUSPENDED	UG/L	Metal
7440393	01007		2000			BARIUM, TOTAL	UG/L	Metal
7440393	01009		2000			BARIUM,TOTAL RECOVERABLE IN WATER AS BA	UG/L	Metal
7440417	01010	130*	4.0			BERYLLIUM, DISSOLVED	UG/L	Metal
7440417	01011	130*	4.0			BERYLLIUM, SUSPENDED	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440417	01012	130*	4.0			BERYLLIUM, TOTAL	UG/L	Metal
7440439	01025	3.9+	5.0	43		CADMIUM, DISSOLVED	UG/L	Metal
7440439	01026	3.9+	5.0	43		CADMIUM, SUSPENDED	UG/L	Metal
7440439	01027	3.9+	5.0	43		CADMIUM, TOTAL	UG/L	Metal
7440473	01030		100			CHROMIUM, DISSOLVED	UG/L	Metal
7440473	01031		100			CHROMIUM, SUSPENDED	UG/L	Metal
7440473	01032	16	100	1100		CHROMIUM, HEXAVALENT	UG/L	Metal
16065831	01033	1700+	100	10300*		CHROMIUM, TRI-VAL	UG/L	Metal
7440473	01034		100			CHROMIUM, TOTAL	UG/L	Metal
7440508	01040	18+	1300a	2.9		COPPER, DISSOLVED	UG/L	Metal
7440508	01041	18+	1300a	2.9		COPPER, SUSPENDED	UG/L	Metal
7440508	01042	18+	1300a	2.9		COPPER, TOTAL	UG/L	Metal
7439921	01049	82+	15a	220		LEAD, DISSOLVED	UG/L	Metal
7439921	01050	82+	15a	220		LEAD, SUSPENDED	UG/L	Metal
7439921	01051	82+	15a	220		LEAD, TOTAL	UG/L	Metal
7440280	01057	1400*	2.0	2130*		THALLIUM, DISSOLVED	UG/L	Metal
7440280	01058	1400*	2.0	2130*		THALLIUM, SUSPENDED	UG/L	Metal
7440280	01059	1400*	2.0	2130*		THALLIUM, TOTAL	UG/L	Metal
7440020	01065	1400+	100	75		NICKEL, DISSOLVED	UG/L	Metal
7440020	01066	1400+	100	75		NICKEL, SUSPENDED	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440020	01067	1400[+]	100	75		NICKEL, TOTAL	UG/L	Metal
7440020	01074	1400[+]	100	75		NICKEL, TOTAL RECOVERABLE IN WATER AS NI	UG/L	Metal
7440224	01075	4.1[+]	100[s]	0.12		SILVER, DISSOLVED	UG/L	Metal
7440224	01076	4.1[+]	100[s]	0.12		SILVER, SUSPENDED	UG/L	Metal
7440224	01077	4.1[+]	100[s]	0.12		SILVER, TOTAL	UG/L	Metal
7440224	01079	4.1[+]	100[s]	0.12		SILVER, TOTAL RECOVERABLE IN WATER AS AG	UG/L	Metal
7440508	01089	0.018[+]	1.3[a]	0.0029		COPPER AS SUSPENDED BLACK OXIDE IN WATER	MG/L	General Inorganic
7440666	01090	120[+]	5000[s]	95		ZINC, DISSOLVED	UG/L	Metal
7440666	01091	120[+]	5000[s]	95		ZINC, SUSPENDED	UG/L	Metal
7440666	01092	120[+]	5000[s]	95		ZINC, TOTAL	UG/L	Metal
7440666	01094	120[+]	5000[s]	95		ZINC, TOTAL RECOVERABLE IN WATER AS ZN	UG/L	Metal
7440360	01095	88[p]	6.0	1500[p]		ANTIMONY, DISSOLVED	UG/L	Metal
7440360	01096	88[p]	6.0	1500[p]		ANTIMONY, SUSPENDED	UG/L	Metal
7440360	01097	88[p]	6.0	1500[p]		ANTIMONY, TOTAL	UG/L	Metal
7440439	01113	3.9[+]	5.0	43		CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	UG/L	Metal
7439921	01114	82[+]	15[a]	220		LEAD, TOTAL RECOVERABLE IN WATER AS PB	UG/L	Metal
7440473	01118		100			CHROMIUM TOTAL RECOVERABLE IN WATER AS CR	UG/L	Metal
7440508	01119	18[+]	1300[a]	2.9		COPPER, TOTAL RECOVERABLE IN WATER AS CU	UG/L	Metal
7440280	01124	1400[*]	2.0	2130[*]		THALLIUM, ACID SOLUBLE, WATER, WHOLE	UG/L	Metal
7440280	01128	1400[*]	2.0	2130[*]		THALLIUM, TOTAL RECOVERABLE <95%	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7782492	01145	20	50	300		SELENIUM, DISSOLVED	UG/L	Metal
7782492	01146	20	50	300		SELENIUM, SUSPENDED	UG/L	Metal
7782492	01147	20	50	300		SELENIUM, TOTAL	UG/L	Metal
7782492	01167	20	50	300		SELENIUM, ACID SOLUBLE, WATER, WHOLE	UG/L	Metal
18540299	01220	16	100	1100		CHROMIUM, HEXAVALENT, DISSOLVED	UG/L	Metal
7440360	01268	88[p]	6.0	1500[p]		ANTIMONY (SB), WATER, TOTAL RECOVERABLE	UG/L	Metal
57125	01291	22	200	1.0		CYANIDE, FILTERABLE, TOTAL IN WATER	UG/L	General Inorganic
7440666	01303	0.120[+]	5.0[s]	0.095		ZINC, POTENTIALLY DISSOLVED WATER	MG/L	Metal
7440224	01304	0.0041[+]	0.1[s]	0.00012		SILVER, POTENTIALLY DISSOLVED WATER	MG/L	Metal
7440508	01306	0.018[+]	1.3[a]	0.0029		COPPER, POTENTIALLY DISSOLVED WATER	MG/L	Metal
18540299	01307	0.016	0.1	1.1		CHROMIUM, HEXAVALENT, POTENTIALLY DISSOLVED	MG/L	Metal
7440382	01309	0.36	0.05	0.069		ARSENIC, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440393	01311		2.0			BARIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440417	01312	0.13[*]	0.004			BERYLLIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440439	01313	0.0039[+]	0.005	0.043		CADMIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
16065831	01314	1.7[+]	0.1	10.3[*]		CHROMIUM, TRIVALENT, POTENTIALLY DISSOLVED	MG/L	Metal
7439921	01318	0.082[+]	0.015[a]	0.220		LEAD, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7439976	01321	0.0024	0.002	0.0021		MERCURY, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440020	01322	1.4[+]	0.1	0.075		NICKEL, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7782492	01323	0.020	0.050	0.300		SELENIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440280	01324	1.4*	0.002	2.13*		THALLIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440611	01326		0.020c			URANIUM, POTENTIALLY DISSOLVED, WATER	MG/L	Metal
7440224	01523	4.1+	100s	0.12		SILVER, IONIC	UG/L	Metal
50328	03648		0.2			BENZO (A) PYRENE, LIQUID FRACTION, ELUTRIATE	UG/L	General Organic
122349	04035		4.0			SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE	UG/L	Pesticide
10028178	04124		20r			TRITIUM, TOTAL, WATER	PC/ML	Radiological
10028178	07000		20000r			TRITIUM, TOTAL	PC/L	Radiological
10028178	07005		20000r			TRITIUM, DISSOLVED	PC/L	Radiological
10028178	07010		20000r			TRITIUM, SUSPENDED	PC/L	Radiological
	09501		5.0			RADIUM 226, TOTAL	PC/L	Radiological
	09503		5.0			RADIUM 226, DISSOLVED	PC/L	Radiological
	09505		5.0			RADIUM 226, SUSPENDED	PC/L	Radiological
	11500		5.0			RADIUM 226 + RADIUM 228, DISSOLVED	PC/L	Radiological
	11501		5.0			RADIUM 228, TOTAL	PC/L	Radiological
	11503		5.0			RADIUM 226 + RADIUM 228, TOTAL	PC/L	Radiological
10098972	13501		8.0r			STRONTIUM 90, TOTAL	PC/L	Radiological
10098972	13503		8.0r			STRONTIUM 90, DISSOLVED	PC/L	Radiological
10098972	13505		8.0r			STRONTIUM 90, SUSPENDED	PC/L	Radiological
7782492	22675	20	50	300		SELENIUM, DISSOLVED ORGANIC	UG/L	Metal
7782492	22676	20	50	300		SELENIUM, HEXAVALENT, DISSOLVED	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7782492	22677	20	50	300		SELENIUM, TETRAVALENT, DISSOLVED	UG/L	Metal
7440382	22678	360	50	69		ARSENIC, DISSOLVED ORGANIC	UG/L	Metal
7440382	22679	850*	50	2319*		ARSENIC, PENTAVALENT,DISSOLVED	UG/L	Metal
7440382	22680	360	50	69		ARSENIC, TRIVALENT, DISSOLVED	UG/L	Metal
7440611	22703		20[c]			URANIUM, NATURAL DISSOLVED	UG/L	Metal
7440611	22705		20[c]			URANIUM, NATURAL SUSPENDED	UG/L	Metal
7440611	22706		20[c]			URANIUM, TOTAL AS U308	UG/L	Metal
7440611	22708		0.020[c]			URANIUM, NATURAL, TOTAL	MG/L	Radiological
7440611	28011		20[c]			URANIUM, NATURAL, TOTAL	UG/L	Radiological
88857	30191		7.0			DINOSEB, WATER, WHOLE RECOVERABLE	UG/L	Pesticide
75990	30200		200			DALAPON, WATER, WHOLE RECOVERABLE	UG/L	Pesticide
106934	30203		0.05			ETHANE, 1,2-DIBROMO-, WATER, WHOLE, RECOVERABLE	UG/L	Pesticide
	31501		1.0[n]		1000[b]	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	CFU/100ML	Bacteriological
	31503		1.0[n]		1000[b]	COLIFORM, TOTAL, MEMBRANE FILTER, DELAY. M-ENDO	CFU/100ML	Bacteriological
	31504		1.0[n]		1000[b]	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED. LES-ENDO	CFU/100ML	Bacteriological
	31505		1.0[n]		1000[b]	COLIFORM, TOTAL, MPN, CONF. TEST 35C (TUBE 31506)	MPN/100ML	Bacteriological
	31506		1.0[n]		1000[b]	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE CONFIG	MPN/100ML	Bacteriological
	31507		1.0[n]		1000[b]	COLIFORM, TOTAL, MPN, COMP. TEST 35C (TUBE 31508)	MPN/100ML	Bacteriological
	31508		1.0[n]		1000[b]	COLIFORM, TOTAL, MPN, COMP. TEST, TUBE CONFIG	MPN/100ML	Bacteriological
	31613				200^	FECAL COLIFORM, MEMBRANE FILTER, AGAR	CFU/100ML	Bacteriological

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
	31614				200^	FECAL COLIFORM, MPN, TUBE CONFIGURATION	MPN/100ML	Bacteriological
	31615				200^	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	MPN/100ML	Bacteriological
	31616				200^	FECAL COLIFORM, MEMBRANE FILTER, BROTH, 44.5C	CFU/100ML	Bacteriological
	31617				200^	FECAL COLIFORM, MPN, EIJKMAN, 44.5C (TUBE 31618)	MPN/100ML	Bacteriological
	31625				200^	FECAL COLIFORM, MF, M-FC, 0.7 UM	CFU/100ML	Bacteriological
	31648				126^	E. COLI, MTEC, MF	CFU/100ML	Bacteriological
	31649				33^	ENTEROCOCCI, ME, MF	CFU/100ML	Bacteriological
67663	32003	28900*	100[t]			CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	UG/L	General Organic
67663	32005	28900*	100[t]			CARBON CHLOROFORM EXTRACTABLES	UG/L	General Organic
67663	32021	28900*	100[t]			CARBON CHLOROFORM EXTRACTS, ETHER INSOLUBLES OF	UG/L	General Organic
67663	32022	28900*	100[t]			CARBON CHLOROFORM EXTRACTS, WATER SOLUBLES OF	UG/L	General Organic
75274	32101		100[t]			BROMODICHLOROMETHANE, WHOLE WATER	UG/L	General Organic
56235	32102	35200*	5.0	50000*		CARBON TETRACHLORIDE, WHOLE WATER	UG/L	General Organic
107062	32103	118000*	5.0	113000*		1,2-DICHLOROETHANE,WHOLE WATER	UG/L	General Organic
75252	32104		100[t]			BROMOFORM, WHOLE WATER	UG/L	General Organic
124481	32105		100[t]			DIBROMOCHLOROMETHANE, WHOLE WATER	UG/L	General Organic
67663	32106	28900*	100[t]			CHLOROFORM, WHOLE WATER	UG/L	General Organic
56235	32260	35.2*	0.005	50*		CARBON TETRACHLORIDE EXTRACTABLES	MG/L	General Organic
67663	32270	28.9*	0.1[t]			CHLOROFORM EXTRACTABLES TOTAL	MG/L	General Organic
108883	34010	17500*	1000	6300*		TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
1330207	34020		10000			XYLENES IN WTR SMPLE GC-MS, HEXADECONE EXTR.	UG/L	General Organic
83329	34205	1700*		970*		ACENAPHTHENE, TOTAL	UG/L	General Organic
83329	34206	1700*		970*		ACENAPHTHENE, DISSOLVED	UG/L	General Organic
83329	34207	1700*		970*		ACENAPHTHENE, SUSPENDED	UG/L	General Organic
107028	34210	68*		55*		ACROLEIN, TOTAL	UG/L	Pesticide
107028	34211	68*		55*		ACROLEIN, DISSOLVED	UG/L	Pesticide
107028	34212	68*		55*		ACROLEIN, SUSPENDED	UG/L	Pesticide
107131	34215	7550*				ACRYLONITRILE, TOTAL	UG/L	General Organic
107131	34216	7550*				ACRYLONITRILE, DISSOLVED	UG/L	General Organic
107131	34217	7550*				ACRYLONITRILE, SUSPENDED	UG/L	General Organic
71432	34235	5300*	5.0	5100*		BENZENE, DISSOLVED	UG/L	General Organic
71432	34236	5300*	5.0	5100*		BENZENE, SUSPENDED	UG/L	General Organic
92875	34239	2500*				BENZIDINE, DISSOLVED	UG/L	General Organic
92875	34240	2500*				BENZIDINE, SUSPENDED	UG/L	General Organic
58899	34265	2.0	0.2	0.16		R-BHC (LINDANE) GAMMA, DISSOLVED	UG/L	Pesticide
58899	34266	2.0	0.2	0.16		R-BHC (LINDANE) GAMMA, SUSPENDED	UG/L	Pesticide
75252	34288		100[t]			BROMOFORM, DISSOLVED	UG/L	General Organic
75252	34289		100[t]			BROMOFORM, SUSPENDED	UG/L	General Organic
56235	34297	35200*	5.0	50000*		CARBON TETRACHLORIDE, DISSOLVED	UG/L	General Organic
56235	34298	35200*	5.0	50000*		CARBON TETRACHLORIDE, SUSPENDED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
108907	34301		100			CHLOROBENZENE, TOTAL	UG/L	General Organic
108907	34302		100			CHLOROBENZENE, DISSOLVED	UG/L	General Organic
108907	34303		100			CHLOROBENZENE, SUSPENDED	UG/L	General Organic
124481	34306		100[t]			CHLORODIBROMOMETHANE, TOTAL	UG/L	General Organic
124481	34307		100[t]			CHLORODIBROMOMETHANE, DISSOLVED	UG/L	General Organic
124481	34308		100[t]			CHLORODIBROMOMETHANE, SUSPENDED	UG/L	General Organic
67663	34316	28900[*]	100[t]			CHLOROFORM, DISSOLVED	UG/L	General Organic
67663	34317	28900[*]	100[t]			CHLOROFORM, SUSPENDED	UG/L	General Organic
57125	34325	0.022	0.2	0.001		CYANIDE, SUSPENDED	MG/L	General Inorganic
75274	34328		100[t]			DICHLOROBROMOMETHANE, DISSOLVED	UG/L	General Organic
75274	34329		100[t]			DICHLOROBROMOMETHANE, SUSPENDED	UG/L	General Organic
122667	34346	270[*]				1,2-DIPHENYLHYDRAZINE, TOTAL	UG/L	General Organic
122667	34347	270[*]				1,2-DIPHENYLHYDRAZINE, DISSOLVED	UG/L	General Organic
122667	34348	270[*]				1,2-DIPHENYLHYDRAZINE, SUSPENDED	UG/L	General Organic
33213659	34356	0.22		0.034		ENDOSULFAN, BETA, TOTAL	UG/L	Pesticide
33213659	34357	0.22		0.034		ENDOSULFAN, BETA, DISSOLVED	UG/L	Pesticide
33213659	34358	0.22		0.034		ENDOSULFAN, BETA, SUSPENDED	UG/L	Pesticide
959988	34361	0.22		0.034		ENDOSULFAN, ALPHA, TOTAL	UG/L	Pesticide
959988	34362	0.22		0.034		ENDOSULFAN, ALPHA, DISSOLVED	UG/L	Pesticide
959988	34363	0.22		0.034		ENDOSULFAN, ALPHA, SUSPENDED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
100414	34371	32000*	700	430*		ETHYLBENZENE, TOTAL	UG/L	General Organic
100414	34372	32000*	700	430*		ETHYLBENZENE, DISSOLVED	UG/L	General Organic
100414	34373	32000*	700	430*		ETHYLBENZENE, SUSPENDED	UG/L	General Organic
206440	34376	3980*		40*		FLUORANTHENE, TOTAL	UG/L	General Organic
206440	34377	3980*		40*		FLUORANTHENE, DISSOLVED	UG/L	General Organic
206440	34378	3980*		40*		FLUORANTHENE, SUSPENDED	UG/L	General Organic
77474	34386	7.0*	50	7.0*		HEXACHLOROCYCLOPENTADIENE, TOTAL	UG/L	General Organic
77474	34387	7.0*	50	7.0*		HEXACHLOROCYCLOPENTADIENE, DISSOLVED	UG/L	General Organic
77474	34388	7.0*	50	7.0*		HEXACHLOROCYCLOPENTADIENE, SUSPENDED	UG/L	General Organic
87683	34391	90*		32*		HEXACHLOROBUTADIENE, TOTAL	UG/L	General Organic
87683	34392	90*		32*		HEXACHLOROBUTADIENE, DISSOLVED	UG/L	General Organic
87683	34393	90*		32*		HEXACHLOROBUTADIENE, SUSPENDED	UG/L	General Organic
67721	34396	980*		940*		HEXACHLOROETHANE, TOTAL	UG/L	General Organic
67721	34397	980*		940*		HEXACHLOROETHANE, DISSOLVED	UG/L	General Organic
67721	34398	980*		940*		HEXACHLOROETHANE, SUSPENDED	UG/L	General Organic
118741	34401	6.0[p]	1.0			HEXACHLOROBENZENE, DISSOLVED	UG/L	General Organic
118741	34402	6.0[p]	1.0			HEXACHLOROBENZENE, SUSPENDED	UG/L	General Organic
193395	34403		0.40[c]			INDENO (1,2,3-CD) PYRENE, TOTAL	UG/L	General Organic
193395	34404		0.40[c]			INDENO (1,2,3-CD) PYRENE, DISSOLVED	UG/L	General Organic
193395	34405		0.40[c]			INDENO (1,2,3-CD) PYRENE, SUSPENDED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
78591	34408	117000*		12900*		ISOPHORONE, TOTAL	UG/L	Pesticide
78591	34409	117000*		12900*		ISOPHORONE, DISSOLVED	UG/L	Pesticide
78591	34410	117000*		12900*		ISOPHORONE, SUSPENDED	UG/L	Pesticide
75092	34423		5.0			METHYLENE CHLORIDE, TOTAL	UG/L	General Organic
75092	34424		5.0			METHYLENE CHLORIDE, DISSOLVED	UG/L	General Organic
75092	34425		5.0			METHYLENE CHLORIDE, SUSPENDED	UG/L	General Organic
91203	34443	2300*		2350*		NAPHTHALENE, DISSOLVED	UG/L	General Organic
91203	34444	2300*		2350*		NAPHTHALENE, SUSPENDED	UG/L	General Organic
98953	34447	27000*		6680*		NITROBENZENE, TOTAL	UG/L	General Organic
98953	34448	27000*		6680*		NITROBENZENE, DISSOLVED	UG/L	General Organic
98953	34449	27000*		6680*		NITROBENZENE, SUSPENDED	UG/L	General Organic
59507	34452	30*				PARACHLOROMETA CRESOL, TOTAL	UG/L	General Organic
59507	34453	30*				PARACHLOROMETA CRESOL, DISSOLVED	UG/L	General Organic
59507	34454	30*				PARACHLOROMETA CRESOL, SUSPENDED	UG/L	General Organic
87865	34459	20***	1.0	13		PCP (PENTACHLOROPHENOL), DISSOLVED	UG/L	Pesticide
87865	34460	20***	1.0	13		PCP (PENTACHLOROPHENOL), SUSPENDED	UG/L	Pesticide
85018	34461	30p		7.7p		PHENANTHRENE, TOTAL	UG/L	General Organic
85018	34462	30p		7.7p		PHENANTHRENE, DISSOLVED	UG/L	General Organic
85018	34463	30p		7.7p		PHENANTHRENE, SUSPENDED	UG/L	General Organic
108952	34466	10200*		5800*		PHENOL, DISSOLVED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
108952	34467	10200*		5800*		PHENOL, SUSPENDED	UG/L	General Organic
127184	34475	5280*	5.0	10200*		TETRACHLOROETHYLENE, TOTAL	UG/L	General Organic
127184	34476	5280*	5.0	10200*		TETRACHLOROETHYLENE, DISSOLVED	UG/L	General Organic
127184	34477	5280*	5.0	10200*		TETRACHLOROETHYLENE, SUSPENDED	UG/L	General Organic
108883	34481	17500*	1000	6300*		TOLUENE, DISSOLVED	UG/L	General Organic
108883	34482	17500*	1000	6300*		TOLUENE, SUSPENDED	UG/L	General Organic
79016	34485	45000*	5.0	2000*		TRICHLOROETHYLENE, DISSOLVED	UG/L	General Organic
79016	34486	45000*	5.0	2000*		TRICHLOROETHYLENE, SUSPENDED	UG/L	General Organic
75014	34493		2.0			VINYL CHLORIDE, DISSOLVED	UG/L	General Organic
75014	34494		2.0			VINYL CHLORIDE, SUSPENDED	UG/L	General Organic
75354	34501		7.0			1,1-DICHLOROETHYLENE, TOTAL	UG/L	General Organic
75354	34502		7.0			1,1-DICHLOROETHYLENE, DISSOLVED	UG/L	General Organic
75354	34503		7.0			1,1-DICHLOROETHYLENE, SUSPENDED	UG/L	General Organic
71556	34506		200	31200*		1,1,1-TRICHLOROETHANE, TOTAL	UG/L	General Organic
71556	34507		200	31200*		1,1,1-TRICHLOROETHANE, DISSOLVED	UG/L	General Organic
71556	34508		200	31200*		1,1,1-TRICHLOROETHANE, SUSPENDED	UG/L	General Organic
79005	34511		5.0			1,1,2-TRICHLOROETHANE, TOTAL	UG/L	General Organic
79005	34512		5.0			1,1,2-TRICHLOROETHANE, DISSOLVED	UG/L	General Organic
79005	34513		5.0			1,1,2-TRICHLOROETHANE, SUSPENDED	UG/L	General Organic
79345	34516			9020*		1,1,2,2-TETRACHLOROETHANE, TOTAL	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
79345	34517			9020*		1,1,2,2-TETRACHLOROETHANE, DISSOLVED	UG/L	General Organic
79345	34518			9020*		1,1,2,2-TETRACHLOROETHANE, SUSPENDED	UG/L	General Organic
107062	34531	118000*	5.0	113000*		1,2-DICHLOROETHANE, TOTAL	UG/L	General Organic
107062	34532	118000*	5.0	113000*		1,2-DICHLOROETHANE, DISSOLVED	UG/L	General Organic
107062	34533	118000*	5.0	113000*		1,2-DICHLOROETHANE, SUSPENDED	UG/L	General Organic
95501	34536		600			1,2-DICHLOROBENZENE, TOTAL	UG/L	General Organic
95501	34537		600			1,2-DICHLOROBENZENE, DISSOLVED	UG/L	General Organic
95501	34538		600			1,2-DICHLOROBENZENE, SUSPENDED	UG/L	General Organic
78875	34541		5.0			1,2-DICHLOROPROPANE, TOTAL	UG/L	General Organic
78875	34542		5.0			1,2-DICHLOROPROPANE, DISSOLVED	UG/L	General Organic
78875	34543		5.0			1,2-DICHLOROPROPANE, SUSPENDED	UG/L	General Organic
156605	34546		100			TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER	UG/L	General Organic
156605	34547		100			TRANS-1,2-DICHLOROETHENE, DISSOLVED	UG/L	General Organic
156605	34548		100			TRANS-1,2-DICHLOROETHENE, SUSPENDED	UG/L	General Organic
120821	34551		70			1,2,4-TRICHLOROBENZENE, TOTAL	UG/L	General Organic
120821	34552		70			1,2,4-TRICHLOROBENZENE, DISSOLVED	UG/L	General Organic
120821	34553		70			1,2,4-TRICHLOROBENZENE, SUSPENDED	UG/L	General Organic
541731	34566		600			1,3-DICHLOROBENZENE, TOTAL	UG/L	General Organic
541731	34567		600			1,3-DICHLOROBENZENE, DISSOLVED	UG/L	General Organic
541731	34568		600			1,3-DICHLOROBENZENE, SUSPENDED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
106467	34571		75			1,4-DICHLOROBENZENE, TOTAL	UG/L	General Organic
106467	34572		75			1,4-DICHLOROBENZENE, DISSOLVED	UG/L	General Organic
106467	34573		75			1,4-DICHLOROBENZENE, SUSPENDED	UG/L	General Organic
95578	34586	4380*				2-CHLOROPHENOL, TOTAL	UG/L	General Organic
95578	34587	4380*				2-CHLOROPHENOL, DISSOLVED	UG/L	General Organic
95578	34588	4380*				2-CHLOROPHENOL, SUSPENDED	UG/L	General Organic
120832	34601	2020*				2,4-DICHLOROPHENOL, TOTAL	UG/L	General Organic
120832	34602	2020*				2,4-DICHLOROPHENOL, DISSOLVED	UG/L	General Organic
120832	34603	2020*				2,4-DICHLOROPHENOL, SUSPENDED	UG/L	General Organic
105679	34606	2120*				2,4-DIMETHYLPHENOL, TOTAL	UG/L	General Organic
105679	34607	2120*				2,4-DIMETHYLPHENOL, DISSOLVED	UG/L	General Organic
105679	34608	2120*				2,4-DIMETHYLPHENOL, SUSPENDED	UG/L	General Organic
121142	34611	330*		590*		2,4-DINITROTOLUENE, TOTAL	UG/L	General Organic
121142	34612	330*		590*		2,4-DINITROTOLUENE, DISSOLVED	UG/L	General Organic
121142	34613	330*		590*		2,4-DINITROTOLUENE, SUSPENDED	UG/L	General Organic
72548	34651	0.6*		3.6*		P,P'-DDD, DISSOLVED	UG/L	Pesticide
72548	34652	0.6*		3.6*		P,P'-DDD, SUSPENDED	UG/L	Pesticide
72559	34653	1050*		14*		P,P'-DDE, DISSOLVED	UG/L	Pesticide
72559	34654	1050*		14*		P,P'-DDE, SUSPENDED	UG/L	Pesticide
50293	34655	1.1		0.13		P,P'-DDT, DISSOLVED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
50293	34656	1.1		0.13		P,P'-DDT, SUSPENDED	UG/L	Pesticide
1746016	34675	0.01*	0.00003			2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN(TCDD), TOT	UG/L	General Organic
1746016	34676	0.01*	0.00003			2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN(TCDD), DISS	UG/L	General Organic
1746016	34677	0.01*	0.00003			2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN(TCDD), SUSP	UG/L	General Organic
108952	34694	10200*		5800*		PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	UG/L	General Organic
91203	34696	2300*		2350*		NAPHTHALENE, TOTAL	UG/L	General Organic
75990	38432		200			DALAPON, WATER, TOTAL	UG/L	Pesticide
75990	38433		200			DALAPON, WATER, DISSOLVED	UG/L	Pesticide
75990	38434		200			DALAPON, WATER, SUSPENDED	UG/L	Pesticide
96128	38437		0.2			DIBROMOCHLOROPROPANE, WATER, TOTAL	UG/L	Pesticide
96128	38438		0.2			DIBROMOCHLOROPROPANE, WATER, DISSOLVED	UG/L	Pesticide
96128	38439		0.2			DIBROMOCHLOROPROPANE WATER, SUSPENDED	UG/L	Pesticide
96128	38760		0.2			DBCP, WATER, TOTAL	UG/L	Pesticide
96128	38761		0.2			DBCP, WATER, DISSOLVED	UG/L	Pesticide
96128	38762		0.2			DBCP, WATER, SUSPENDED	UG/L	Pesticide
88857	38779		7.0			DINOSEB, DISSOLVED	UG/L	Pesticide
88857	38780		7.0			DINOSEB, SUSPENDED	UG/L	Pesticide
23135220	38865		200			OXAMYL, TOTAL	UG/L	Pesticide
23135220	38866		200			OXAMYL, DISSOLVED	UG/L	Pesticide
23135220	38867		200			OXAMYL, SUSPENDED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
145733	38926		100			ENDOTHALL, WHOLE WATER SAMPLE	UG/L	Pesticide
2921882	38932	0.083		0.011		CHLORPYRIFOS, TOTAL RECOVERABLE	UG/L	Pesticide
2921882	38933	0.083		0.011		CHLORPYRIFOS, DISSOLVED	UG/L	Pesticide
2163806	38935		50			MONOSODIUM METHANEARSONATE (MSMA)	UG/L	Pesticide
2921882	39012	0.083		0.011		DURSBAN, FLAME PHOTOMETRIC, WATER SAMPLE	UG/L	Pesticide
56382	39015	0.065				ETHYLPARATHION, FLAME IONIFATION, WATER SAMPLE	UG/L	Pesticide
122349	39025		4.0			SIMAZINE, COULSON CONDUCTIVITY WATER SAMPLE	UG/L	Pesticide
87865	39032	20***	1.0	13		PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE	UG/L	Pesticide
1912249	39033		3.0			ATRAZINE IN WHOLE WATER SAMPLE	UG/L	Pesticide
118741	39039	6.0[P]	1.0			HEXACHLOROBENZENE WATER SAMPLE, ELECTRON CPT	UG/L	Pesticide
93721	39045		50			2,4,5-TP INCLUDES ACIDS & SALTS WATER SAMPLE	UG/L	Pesticide
116063	39053		3.0			ALDICARB IN WHOLE WATER	UG/L	Pesticide
122349	39055		4.0			SIMAZINE IN WHOLE WATER	UG/L	Pesticide
117817	39100	2000*	6.0			BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	UG/L	General Organic
117817	39103	2000*	6.0			BIS(2-ETHYLHEXYL) PHTHALATE, DISSOLVED	UG/L	General Organic
117817	39104	2000*	6.0			BIS(2-ETHYLHEXYL) PHTHALATE, SUSPENDED	UG/L	General Organic
	39117	0.94*		2.994*		PHTHLATE ESTERS IN WATER	MG/L	General Organic
75014	39175		2.0			VINYL CHLORIDE-WHOLE WATER SAMPLE	UG/L	General Organic
79016	39180	45000*	5.0	2000*		TRICHLOROETHYLENE-WHOLE WATER SAMPLE	UG/L	General Organic
50293	39300	1.1		0.13		P,P' DDT IN WHOLE WATER SAMPLE	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
72548	39310	0.6*		3.6*		P,P' DDD IN WHOLE WATER SAMPLE	UG/L	Pesticide
72559	39320	1050*		14*		P,P' DDE IN WHOLE WATER SAMPLE	UG/L	Pesticide
309002	39330	3.0		1.3		ALDRIN IN WHOLE WATER SAMPLE	UG/L	Pesticide
309002	39331	3.0		1.3		ALDRIN IN FILT. FRAC. OF WAT. SAMP.	UG/L	Pesticide
309002	39332	3.0		1.3		ALDRIN IN SUSP. FRAC. OF WAT. SAMP.	UG/L	Pesticide
58899	39340	2.0	0.2	0.16		GAMMA-BHC(LINDANE), WHOLE WATER	UG/L	Pesticide
58899	39341	2.0	0.2	0.16		GAMMA-BHC(LINDANE), DISSOLVED	UG/L	Pesticide
58899	39342	2.0	0.2	0.16		GAMMA-BHC(LINDANE), SUSPENDED	UG/L	Pesticide
57749	39350	2.4	2.0	0.09		CHLORDANE(TECH MIX & METABS), WHOLE WATER	UG/L	Pesticide
57749	39352	2.4	2.0	0.09		CHLORDANE(TECH MIX & METABS), DISSOLVED	UG/L	Pesticide
57749	39353	2.4	2.0	0.09		CHLORDANE(TECH MIX & METABS), SUSPENDED	UG/L	Pesticide
72548	39360	0.6*		3.6*		DDD IN WHOLE WATER SAMPLE	UG/L	Pesticide
72548	39361	0.6*		3.6*		DDD IN FILT. FRAC. OF WATER SMAPLE	UG/L	Pesticide
72548	39362	0.6*		3.6*		DDD IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
72559	39365	1050*		14*		DDE IN WHOLE WATER SAMPLE	UG/L	Pesticide
72559	39366	1050*		14*		DDE IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
72559	39367	1050*		14*		DDE IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
50293	39370	1.1		0.13		DDT IN WHOLE WATER SAMPLE	UG/L	Pesticide
50293	39371	1.1		0.13		DDT IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
50293	39372	1.1		0.13		DDT IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
60571	39380	2.5		0.71		DIELDRIN IN WHOLE WATER SAMPLE	UG/L	Pesticide
60571	39381	2.5		0.71		DIELDRIN IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
60571	39382	2.5		0.71		DIELDRIN IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
115297	39388	0.22		0.034		ENDOSULFAN IN WHOLE WATER SAMPLE	UG/L	Pesticide
72208	39390	0.18	2.0	0.037		ENDRIN IN WHOLE WATER SAMPLE	UG/L	Pesticide
72208	39391	0.18	2.0	0.037		ENDRIN IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
72208	39392	0.18	2.0	0.037		ENDRIN IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
8001352	39400	0.73	3.0	0.21		TOXAPHENE IN WHOLE WATER SAMPLE	UG/L	Pesticide
8001352	39401	0.73	3.0	0.21		TOXAPHENE IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
8001352	39402	0.73	3.0	0.21		TOXAPHENE IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
76448	39410	0.52	0.4	0.053		HEPTACHLOR IN WHOLE WATER SAMPLE	UG/L	Pesticide
76448	39411	0.52	0.4	0.053		HEPTACHLOR IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
76448	39412	0.52	0.4	0.053		HEPTACHLOR IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
1024573	39420	0.52	0.2	0.053		HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	UG/L	Pesticide
1024573	39421	0.52	0.2	0.053		HEPTACHLOR EPOXIDE IN FILT. FRAC. WATER SAMPLE	UG/L	Pesticide
1024573	39422	0.52	0.2	0.053		HEPTACHLOR EPOXIDE IN SUSP. FRAC. WATER SAMPLE	UG/L	Pesticide
72435	39478		40			METHOXYCHLOR IN WHOLE WATER DISSOLVED	UG/L	Pesticide
72435	39479		40			METHOXYCHLOR IN WHOLE WATER SUSPENDED	UG/L	Pesticide
72435	39480		40			METHOXYCHLOR IN WHOLE WATER SAMPLE	UG/L	Pesticide
56382	39540	0.065				PARATHION IN WHOLE WATER SAMPLE	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
56382	39542	0.065				PARATHION IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
56382	39543	0.065				PARATHION IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
1912249	39630		3.0			ATRAZINE(AATREX) IN WHOLE WATER SAMPLE	UG/L	Pesticide
1912249	39632		3.0			ATRAZINE DISSOLVED IN WATER	PPB	Pesticide
118741	39700	6.0[P]	1.0			HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	UG/L	General Organic
87683	39702	90[*]		32[*]		HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE	UG/L	General Organic
1918021	39720		500			PICLORAM IN WHOLE WATER SAMPLE	UG/L	Pesticide
94757	39730		70			2,4-D IN WHOLE WATER SAMPLE	UG/L	Pesticide
94757	39732		70			2,4-D IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
94757	39733		70			2,4-D IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
93721	39760		50			SILVEX IN WHOLE WATER SAMPLE	UG/L	Pesticide
93721	39762		50			SILVEX IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
93721	39763		50			SILVEX IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
58899	39782	2.0	0.2	0.16		LINDANE IN WHOLE WATER SAMPLE	UG/L	Pesticide
1071836	39941		700			ROUNDUP IN WHOLE WATER SAMPLE (GLYPHOSATE)	UG/L	Pesticide
7782505	45650	0.019		0.013		CHLORINE, IN ORGANIC COMPOUNDS, WATER, WHOLE	MG/L	General Inorganic
56382	46315	0.065				ETHYL PARATHION IN WHOLE WATER SAMPLE	UG/L	Pesticide
58899	46322	2.0	0.2	0.16		LINDANE PLUS ISOMERS IN WHOLE WATER SAMPLE	UG/L	Pesticide
76448	46326	0.52	0.4	0.053		HEPTACHLOR AND METABOLITES IN WHOLE H2O SAMPLE	UG/L	Pesticide
15972608	46342		2.0			ALACHLOR (LASSO), WATER, DISSOLVED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7782505	46472	0.019		0.013		CHLORINE, TOTAL RESIDUAL, AVERAGE VALUE, WATER	MG/L	General Inorganic
7782505	46473	0.019		0.013		CHLORINE, FREE AVAILABLE, AVERAGE VALUE, WATER	MG/L	General Inorganic
57125	46479	22	200	1.0		CYANIDE, DISSOLVED, WATER	UG/L	General Inorganic
7440382	46551	360	50	69		ARSENIC, FIELD ACIDIFIED W/HNO3, LAB FILTERED	UG/L	Metal
7440393	46558		2000			BARIUM, FIELD ACIDIFIED W/HNO3-LAB FILT	UG/L	Metal
7440439	46559	3.9[+]	5.0	43		CADMIUM,FIELD ACIDIFIED-HNO3-LAB FILTER	UG/L	Metal
7440473	46560		100			CHROMIUM, FIELD ACIDIFIED-HNO3-LAB FILT.	UG/L	Metal
7440508	46562	18[+]	1300[a]	2.9		COPPER, FIELD ACIDIFIED-HNO3- LAB FILTER.	UG/L	Metal
7439921	46564	82[+]	15[a]	220		LEAD, FIELD ACIDIFIED-HNO3-LAB FILTERED	UG/L	Metal
7440224	46566	4.1[+]	100[s]	0.12		SILVER, FIELD ACIDIFIED-HNO3-LAB FILTER.	UG/L	Metal
7440666	46567	120[+]	5000[s]	95		ZINC, EXTRACTABLE, FIELD ACID W/HNO3,LAB FILTR	UG/L	Metal
56382	49011	0.065				UNKNOWNS AS PARATHION IN WHOLE WATER SAMPLE	UG/L	Pesticide
7782505	50058	0.019		0.013		CHLORINE DOSE	MG/L	General Inorganic
7782505	50060	0.019		0.013		CHLORINE, TOTAL RESIDUAL	MG/L	General Inorganic
7782505	50064	0.019		0.013		CHLORINE, FREE AVAILABLE	MG/L	General Inorganic
7782505	50066	0.019		0.013		CHLORINE, COMBINED AVAILABLE	MG/L	General Inorganic
7782505	50074	0.019		0.013		CHLORITE, WHOLE WATER	MG/L	General Inorganic
	61215				200[^]	FECAL COLIFORM, GENERAL #/100ML	#/100ML	Bacteriological
16887006	70352	860	250[s]			CHLORIDE, ORGANIC	MG/L	General Organic
14797558	71850		44			NITRATE NITROGEN, TOTAL (AS NO3)	MG/L	Nitrogen

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
14797558	71851		44			NITRATE NITROGEN, DISSOLVED (AS NO3)	MG/L	Nitrogen
14797650	71855		3.3			NITRITE NITROGEN, TOTAL (AS NO2)	MG/L	Nitrogen
14797650	71856		3.3			NITRITE NITROGEN, DISSOLVED (AS NO2)	MG/L	Nitrogen
7439976	71890	2.4	2.0	2.1		MERCURY, DISSOLVED	UG/L	Metal
7439976	71895	2.4	2.0	2.1		MERCURY, SUSPENDED	UG/L	Metal
7439976	71900	2.4	2.0	2.1		MERCURY, TOTAL	UG/L	Metal
7439976	71901	2.4	2.0	2.1		MERCURY,TOTAL RECOVERABLE IN WATER AS HG	UG/L	Metal
7440439	71946	3.9[+]	5.0	43		CADMIUM, EXTRACTABLE	UG/L	Metal
7440473	71947		100			CHROMIUM, EXTRACTABLE	UG/L	Metal
7439921	71949	82[+]	15[a]	220		LEAD, EXTRACTABLE	UG/L	Metal
7440666	71950	120[+]	5000[s]	95		ZINC, EXTRACTABLE	UG/L	Metal
7440508	71951	18[+]	1300[a]	2.9		COPPER, EXTRACTABLE	UG/L	Metal
1336363	76011	2000	500	10000		PCBS, SUSPENDED, WATER	NG/L	General Organic
1336363	76012	2000	500	10000		PCBS, TOTAL RECOVERABLE, WATER	NG/L	General Organic
156592	77093		70			CIS-1,2-DICHLOROETHYLENE, WHOLE WATER	UG/L	General Organic
100425	77128		100			STYRENE, WHOLE WATER	UG/L	General Organic
106489	77296			29700[*]		P-CHLOROPHENOL, WHOLE WATER	UG/L	General Organic
106934	77651		0.05			1,2-DIBROMOETHANE, WHOLE WATER	UG/L	General Organic
95954	77687	100[p]		240[p]		2,4,5-TRICHLOROPHENOL, WHOLE WATER	UG/L	General Organic
935955	77769			440[*]		2,3,5,6-TETRACHLOROPHENOL, WHOLE WATER	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
103231	77903		400			BIS (2-ETHYLHEXYL) ADIPATE, WHOLE WATER	UG/L	General Organic
18540299	78247	16	100	1100		CHROMIUM, HEXAVALENT, TOTAL RECOVERABLE	UG/L	Metal
57125	78248	22	200	1.0		CYANIDE, TOTAL RECOVERABLE, WATER, WHOLE	UG/L	Metal
	78456	11*		12*		HALOMETHANES, SUMMATION, WHOLE WATER	MG/L	General Organic
14808798	78462		250[s]			SULFATE, WATER, DISSOLVED AS S	MG/L	Metal
85007	78885		20			DIQUAT DIBROMIDE (REGLONE) WHOLE WATER SAMPLE	UG/L	Pesticide
7440611	80020		20[c]			URANIUM, DISS. BY EXTRACTION FLUOROMETRIC	UG/L	Radiological
16065831	80357	1700	100	10300*		CHROMIUM, TRIVALENT, DISSOLVED	UG/L	Metal
57125	81208	0.022	0.2	0.001		CYANIDE,FREE (NOT AMENABLE TO CHLORINATION)	MG/L	General Inorganic
608731	81283	100*		0.34*		BENZENEHEXACHLORIDE, WHOLE WATER	UG/L	Pesticide
88857	81287		7.0			DNBP(C10H12N2O5), WHOLE WATER SAMPLE	UG/L	Pesticide
26638197	81327	23000*	5.0	10300*		DICHLOROPROPANE, WHOLE WATER SAMPLE	UG/L	General Organic
25321226	81333	1120*		1970*		DICHLOROBENZENE ISOMER, WHOLE WATER SAMPLE	UG/L	General Organic
2921882	81403	0.083		0.011		DURSBAN (CHLOROPYRIFOS) WHOLE WATER SAMPLE	UG/L	Pesticide
1563662	81405		40			CARBOFURAN (EURADAN) WHOLE WATER SAMPLE	UG/L	Pesticide
76017	81501	7240*		390*		PENTACHLOROETHANE, WHOLE WATER SAMPLE	UG/L	General Organic
25321226	81524	1120*		1970*		DICHLOROBENZENE, WHOLE WATER SAMPLE	UG/L	General Organic
25322207	81549	9320*				TETRACHLOROETHANE, WHOLE WATER SAMPLE	UG/L	General Organic
26638197	81703	23*	0.005*	10.3*		DICHLOROPROPANE, WHOLE WATER SAMPLE	MG/L	General Organic
7440508	81750	18+	1300[a]	2.9		COPPER, INTERSTITIAL WATERFROM SEDIMENTS	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440020	81752	1400[+]	100	75		NICKEL, INTERSTITIAL WATER FROM SEDIMENTS	UG/L	Metal
7440666	81754	120[+]	5000[s]	95		ZINC, INTERSTITIAL WATER FROM SEDIMENTS	UG/L	Metal
25323891	81853	18000[*]				TRICHLOROETHANE, WHOLE WATER SAMPLE	UG/L	General Organic
7439976	81931	2.4	2.0	2.1		MERCURY (HG) SUSPENDED FRACTION OF WATER	UG/G	Metal
7440666	81933	120[+]	5000[s]	95		ZINC (ZN) SUSPENDED FRACTION OF WATER	UG/G	Metal
7439921	81936	82[+]	15[a]	220		LEAD (PB) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440439	81937	3.9[+]	5.0	43		CADMIUM (CD) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440473	81938		100			CHROMIUM (CR) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440508	81939	18[+]	1300[a]	2.9		COPPER (CU) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440666	81940	120[+]	5000[s]	95		ZINC (ZN) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440473	81941		100			CHROMIUM (CR) DISSOLVED ANIONIC SPECIES	UG/L	Metal
7440508	81942	18[+]	1300[a]	2.9		COPPER (CU) DISSOLVED ANIONIC SPECIES	UG/L	Metal
7440666	81943	120[+]	5000[s]	95		ZINC (ZN) DISSOLVED ANIONIC SPECIES	UG/L	Metal
	82078				50[t]	TURBIDITY, FIELD	NTU	Physical
	82079				50[t]	TURBIDITY, LAB	NTU	Physical
88857	82226		7.0			2 SECONDARY BUTYL 4,6-DINITROPHENOL	UG/L	Pesticide
16887006	82295	860000	250000[s]			CHLORIDE DISSOLVED AS CL IN WATER	UG/L	General Inorganic
72435	82350		40			METHOXYCHLOR, DISSOLVED IN WATER	UG/L	Pesticide
72435	82351		40			METHOXYCHLOR, SUSPENDED IN WATER	UG/L	Pesticide
115297	82354	0.22		0.034		ENDOSULFAN, DISSOLVED IN WATER	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
115297	82355	0.22		0.034		ENDOSULFAN, SUSPENDED IN WATER	UG/L	Pesticide
57125	82573	0.022	0.2	0.001		CYANIDE/CHLORINATION IN WATER	MG/L	General Inorganic
1646873	82586		4.0			ALDICARB SULFOXIDE, WATER, TOTAL RECOVERABLE	UG/L	General Organic
1646884	82587		2.0			ALDICARB SULFONE, WHOLE WATER, TOTAL RECOVERABLE	UG/L	General Organic
23135220	82613		200			OXAMYL, WHOLE WATER, TOTAL RECOVERABLE	UG/L	Pesticide
1563662	82615		40			CARBOFURAN, WHOLE WATER, TOTAL RECOVERABLE	UG/L	Pesticide
116063	82619		3.0			ALDICARB, WHOLE WATER, TOTAL RECOVERABLE	UG/L	Pesticide
33213659	82624	0.22		0.034		ENDOSULFAN, BETA, WH WATER, TOTAL RECOVERABLE	UG/L	Pesticide
96128	82625		0.2			DIBROMOCHLOROPROPANE, WATER, TOTAL RECOVERABLE	UG/L	Pesticide

Footnote Key:

[*]Insufficient Data to Develop Criteria. Value Presented is the L.O.E.L. - Lowest Observed Effect Level.

[+]Hardness Dependent Criteria (100 mg/L $CaCO_3$ Used).

[***]pH Dependent Criteria (7.8 pH Used).

[=]Rule of thumb criterion used by the NPS Air Quality Division for determining sensitivity to acid deposition.

[^]Freshwater bathing criterion, EPA geometric mean based on at least 5 samples equally spaced over a 30-day period; Enterococci marine water bathing criterion 35 CFU/100 ml.

[#]EPA freshwater aquatic life chronic criterion; marine criterion is ≤6.5, ≥8.5.

[!]Arizona state standard.

[a]EPA action level, 40 CFR 141.80.

[b]California and Florida state bathing water standards.

[c]A Compilation of Water Quality Goals, California Regional Water Quality Control Board Central Valley Region, Sacramento, California, September, 1991.

[n]Total coliform drinking water maximum contaminant level (1 cfu/100ml or 1 mpn/100ml) was not used in water quality criteria comparisons.

[p]Proposed Criterion.

[r]Average annual concentration assumed to produce a total body or organ dose of 4 mrem/year, 40 CFR 141.16.

[s]EPA National Secondary Drinking Water Regulation, 40 CFR 143.

[t]The maximum contaminant level for the sum of the concentrations of trihalomethanes is 100 µg/L, 40 CFR 141.12.

[u]Coldwater criterion one day minimum; warmwater criterion seven day mean minimum.

Appendix G

Inventory Data Evaluation and Analysis (IDEA)
Servicewide Inventory and Monitoring Program "Level I"
Parameter Groups

The following table provides the Servicewide Inventory and Monitoring Program's "Level I" water quality inventory parameter groups (National Park Service 1993). In order to determine the presence and/or absence of data for each of these parameter groups in the park, the parameter groups had to be defined by STORET parameter codes. This table provides the STORET codes and parameter descriptions for each parameter comprising one of the Servicewide Inventory and Monitoring Program's "Level I" water quality parameter groups. Additional parameters could have been incorporated into each group, but an effort was made to represent each group with the parameters deemed to most likely occur in STORET and parks. The Toxic Elements Parameter Group was defined as the EPA's Clean Water Act Section 304(a) Priority Toxic Pollutants (40 CFR 131.36). Parameters are listed in ascending order of STORET code within each parameter group. It is important to note that similar parameters often have non-consecutive codes. Consequently, scanning the entire list is necessary to find all the parameters of a particular type (eg. lead, copper, etc.). Refer to the Parameter Period of Record Tabulation to obtain the STORET code for any parameter measured in the park.

STORET Code	Water Temperature Parameter Group	C.A.S. Number
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	-
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	-
STORET Code	**Flow Parameter Group[1]**	**C.A.S. Number**
00056	FLOW RATE, GALLONS/DAY	-
00058	FLOW RATE, GALLONS/MIN.	-
00059	FLOW RATE, INSTANTANEOUS, GALLONS/MINUTE	-
00060	FLOW, STREAM, MEAN DAILY CFS	-
00061	FLOW, STREAM, INSTANTANEOUS CFS	-
00065	STAGE, STREAM (FEET)	-
00067	TIDE STAGE CODE	-
00072	STAGE, STREAM (METERS)	-

[1]Tide stage is included in the Flow Parameter Group for coastal parks.

STORET Code	Clarity/Turbidity Parameter Group	C.A.S. Number
00070	TURBIDITY, (JACKSON CANDLE UNITS)	-
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	-
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	-
00077	TRANSPARENCY, SECCHI DISC (INCHES)	-
00078	TRANSPARENCY, SECCHI DISC (METERS)	-
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	-
82078	TURBIDITY, FIELD NEPHELOMETRIC TURBIDITY UNITS NTU	-
82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	-

STORET Code	Conductivity Parameter Group	C.A.S. Number
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	-
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	-
00096	SALINITY AT 25 DEGREES C (MG/ML)	-
00480	SALINITY - PARTS PER THOUSAND	-

STORET Code	Dissolved Oxygen Parameter Group	C.A.S. Number
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE (MG/L)	7782447
00300	OXYGEN, DISSOLVED (MG/L)	7782447
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION	7782447
00389	OXYGEN, DISSOLVED, LAB ANAL. BY PROBE OF FIELD SAMPLE (MG/L)	7782447

STORET Code	pH Parameter Group	C.A.S. Number
00400	PH (STANDARD UNITS)	-
00403	PH, LAB (STANDARD UNITS)	-
00406	PH, FIELD (STANDARD UNITS)	-

STORET Code	Alkalinity Parameter Group	C.A.S. Number
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYSIS (μEQ/L)	471341
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	471341
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	77098
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	471341
00435	ACIDITY, TOTAL (MG/L AS CACO3)	471341
00440	BICARBONATE ION (MG/L AS HCO3)	71523
00445	CARBONATE ION (MG/L AS CO3)	3812326

STORET Code	Nitrate/Nitrogen Parameter Group	C.A.S. Number
00600	NITROGEN, TOTAL (MG/L AS N)	17778880
00602	NITROGEN, DISSOLVED (MG/L AS N)	17778880
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	17778880
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	17778880
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	17778880
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	17778880
00612	AMMONIA, UNIONZED (MG/L AS N)	7664417
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	17778880
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	17778880
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	17778880
00625	NITROGEN, KJELDAHL, TOTAL (MG/L AS N)	17778880
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	17778880
00631	NITRITE PLUS NITRATE, DISSOLVED 1 DET. (MG/L AS N)	17778880
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	14798039
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	14798039
71850	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	14797558
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	14797558
71855	NITRITE NITROGEN, TOTAL (MG/L AS NO2)	14797650
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	14797650

STORET Code	Phosphate/Phosphorus Parameter Group	C.A.S. Number
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	14265442
00655	PHOSPHATE, POLY (MG/L AS PO4)	14265442
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	14265442
00665	PHOSPHORUS, TOTAL (MG/L AS P)	7723140
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	7723140
00670	PHOSPHORUS, TOTAL ORGANIC (MG/L AS P)	7723140
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	7723140
70505	PHOSPHORUS, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	7723140
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	7723140

STORET Code	Sulfates/Total Dissolved Solids/Hardness Parameter Group	C.A.S. Number
00900	HARDNESS, TOTAL (MG/L AS CACO3)	471341
00945	SULFATE, TOTAL (MG/L AS SO4)	14808798
00946	SULFATE, DISSOLVED (MG/L AS SO4)	14808798
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), (MG/L)	-

STORET Code	Chlorophyll Parameter Group	C.A.S. Number
32209	CHLOROPHYLL A (UG/L) FLUOROMETRIC CORRECTED	479618
32210	CHLOROPHYLL A (UG/L) TRICHROMATIC UNCORRECTED	479618
32211	CHLOROPHYLL A (UG/L) SPECTROPHOTOMETRIC ACID METH.	479618
32217	CHLOROPHYLL A (UG/L) FLUOROMETRIC UNCORRECTED	479618
32223	CHLOROPHYLL A (MG/M2) SPECTROPHOTOMETRIC CORRECTED	479618
32228	CHLOROPHYLL A (MG/M2) PERIPHYTON SPECTRO.	479618
32229	CHLOROPHYLL A (MG/M2) FLUOR. CORRECTED, SUBSTRATER	479618
32230	CHLOROPHYLL A (MG/L)	479618

STORET Code	Bacteria Parameter Group	C.A.S. Number
00111	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI	-
31501	COLIFORM, TOT, MEMBRANE FILTER, IMMED., M-ENDO MED,35C	-
31503	COLIFORM, TOT, MEMBRANE FILTER, DELAY, M-ENDO MED, 35C	-
31504	COLIFORM, TOT, MEMBRANE FILTER, IMMED., LES-ENDO AGAR, 35C	-
31505	COLIFORM, TOT, MPN, CONFIRMED TEST,35C(TUBE 31506)	-
31506	COLIFORM, TOT, MPN, CONFIRMED TEST, TUBE CONFIG.	-
31507	COLIFORM, TOT, MPN, COMPLETED TEST,35C(TUBE 31508)	-
31508	COLIFORM, TOT, MPN, COMPLETED TEST, TUBE CONFIG.	-
31613	FECAL COLIFORM, MEMBR, FILTER,M-FC AGAR,44.5C,24HR	-
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	-
31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	-
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5C	-
31617	FECAL COLIFORM, MPN,EIJKMAN TEST,44.5C(TUBE 31618)	-
31625	FECAL COLIFORM, MF, M-FC, 0.7 UM	-
31648	E. COLI - MTEC-MF	-
31649	ENTEROCOCCI- ME-MF	-
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	-
31676	FECAL STREPTOCOCCI, MPN, KF BROTH, TUBE CONFIG.	-
31677	FECAL STREPTOCOCCI, MPN, AD-EVA, 35C (TUBE 31678)	-
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	-
61214	FECAL STREPTOCOCCI, GENERAL #/100ML	-
61215	FECAL COLIFORM, GENERAL #/100ML	-

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants)	C.A.S. Number
00718	CYANIDE, WEAK ACID, DISSOC. WATER, WHOLE (UG/L)	57125
00719	CYANIDE, FREE, IN WATER & WASTEWATERS, HBG (UG/L)	57125
00720	CYANIDE, TOTAL (MG/L AS CN)	57125
00722	CYANIDE, FREE (AMENABLE TO CHLORINATION) (MG/L)	57125

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
00723	CYANIDE, DISSOLVED STD METHOD (UG/L)	57125
00724	CYANIDE COMPLEXED TO A RANGE OF COMPNDS (UG/L)	57125
00969	CHRYSOTILE ASBESTOS FIBERS/LITER	1332214
00973	AMPHIBOLE ASBESTOS FIBERS/LITER	1332214
00976	AMBIGUOUS ASBESTOS FIBERS/LITER	1332214
00977	NON-AMPHIBOLE NON-CHRYSOTILE ASBESTOS FIBERS/LITER	1332214
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS AS	7440382
00981	SELENIUM, TOTAL RECOVERABLE IN WATER AS SE (UG/L)	7782492
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS (UG/L)	7440280
00990	SELENITE, TOTAL RECOVERABLE INORGANIC (UG/L)	7782492
00991	ARSENIC, TOTAL RECOVER. TRIVALENT INORGANIC (UG/L)	7440382
00995	ARSENIC, INORGANIC DISSOLVED (UG/L AS AS)	7440382
00996	ARSENIC, INORGANIC SUSPENDED (UG/L AS AS)	7440382
00997	ARSENIC, INORGANIC TOTAL (UG/L AS AS)	7440382
00998	BERYLLIUM, TOTAL RECOVERABLE IN WATER AS BE (UG/L)	7440417
01000	ARSENIC, DISSOLVED (UG/L AS AS)	7440382
01001	ARSENIC, SUSPENDED (UG/L AS AS)	7440382
01002	ARSENIC, TOTAL (UG/L AS AS)	7440382
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	7440417
01011	BERYLLIUM, SUSPENDED (UG/L AS BE)	7440417
01012	BERYLLIUM, TOTAL (UG/L AS BE)	7440417
01025	CADMIUM, DISSOLVED (UG/L AS CD)	7440439
01026	CADMIUM, SUSPENDED (UG/L AS CD)	7440439
01027	CADMIUM, TOTAL (UG/L AS CD)	7440439
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	7440473
01031	CHROMIUM, SUSPENDED (UG/L AS CR)	7440473
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	7440473
01033	CHROMIUM, TRI-VAL (UG/L AS CR)	16065831
01034	CHROMIUM, TOTAL (UG/L AS CR)	7440473

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
01040	COPPER, DISSOLVED (UG/L AS CU)	7440508
01041	COPPER, SUSPENDED (UG/L AS CU)	7440508
01042	COPPER, TOTAL (UG/L AS CU)	7440508
01049	LEAD, DISSOLVED (UG/L AS PB)	7439921
01050	LEAD, SUSPENDED (UG/L AS PB)	7439921
01051	LEAD, TOTAL (UG/L AS PB)	7439921
01057	THALLIUM, DISSOLVED (UG/L AS TL)	7440280
01058	THALLIUM, SUSPENDED (UG/L AS TL)	7440280
01059	THALLIUM, TOTAL (UG/L AS TL)	7440280
01065	NICKEL, DISSOLVED (UG/L AS NI)	7440020
01066	NICKEL, SUSPENDED (UG/L AS NI)	7440020
01067	NICKEL, TOTAL (UG/L AS NI)	7440020
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI (UG/L)	7440020
01075	SILVER, DISSOLVED (UG/L AS AG)	7440224
01076	SILVER, SUSPENDED (UG/L AS AG)	7440224
01077	SILVER, TOTAL (UG/L AS AG)	7440224
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG (UG/L)	7440224
01089	COPPER AS SUSPENDED BLACK OXIDE IN WATER (MG/L)	7440508
01090	ZINC, DISSOLVED (UG/L AS ZN)	7440666
01091	ZINC, SUSPENDED (UG/L ZN)	7440666
01092	ZINC, TOTAL (UG/L AS ZN)	7440666
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN (UG/L)	7440666
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	7440360
01096	ANTIMONY, SUSPENDED (UG/L AS SB)	7440360
01097	ANTIMONY, TOTAL (UG/L AS SB)	7440360
01113	CADMIUM, TOTAL RECOVERABLE IN WATER AS CD (UG/L)	7440439
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB (UG/L)	7439921
01118	CHROMIUM, TOTAL RECOVERABLE IN WATER AS CR (UG/L)	7440473
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU (UG/L)	7440508

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
01124	THALLIUM, ACID SOLUBLE, WATER, WHOLE (UG/L)	7440280
01128	THALLIUM,TOTAL RECOVERABLE <95%, UG/L AS TL	7440280
01138	SELENIUM, IN WATER, LBS/DAY	7782492
01145	SELENIUM, DISSOLVED (UG/L AS SE)	7782492
01146	SELENIUM, SUSPENDED (UG/L AS SE)	7782492
01147	SELENIUM, TOTAL (UG/L AS SE)	7782492
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE (UG/L)	7782492
01220	CHROMIUM, HEXAVALENT, DISSOLVED IN (UG/L AS CR)	18540299
01252	ARSENIC, LB/DAY/CFS STREAM FLOW	7440382
01253	CADMIUM, LB/DAY/CFS STREAM FLOW	7440439
01254	CHROMIUM, TOTAL (LBS/DAY/CFS STREAM FLOW)	7740473
01255	CHROMIUM, HEXAVALENT, LB/DAY/CFS STREAM FLOW	18540299
01256	COPPER, LB/DAY/CFS STREAM FLOW	7440508
01257	CYANIDE LB/DAY/CFS STREAM FLOW	57125
01259	LEAD, LB/DAY/CFS STREAM FLOW	7439921
01260	MERCURY, LB/DAY/CFS STREAM FLOW	7439976
01261	NICKEL, LB/DAY/CFS STREAM FLOW	7440020
01263	SILVER, LB/DAY/CFS STREAM FLOW	7440224
01264	ZINC LB/DAY/CFS STREAM FLOW	7440666
01268	ANTIMONY, (SB), WATER, TOTAL RECOVERABLE (UG/L)	7440360
01291	CYANIDE, FILTERABLE, TOTAL IN WATER (UG/L)	57125
01303	ZINC, POTENTIALLY DISSOLVED WATER (MG/L)	7440666
01304	SILVER, POTENTIALLY DISSOLVED WATER (MG/L)	7440224
01306	COPPER, POTENTIALLY DISSOLVED WATER (MG/L)	7440508
01307	CHROMIUM, HEXAVALENT, POTENT. DISS. WATER (MG/L)	18540299
01309	ARSENIC, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440382
01312	BERYLLIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440417
01313	CADMIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440439

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
01314	CHROMIUM, TRIVALENT, POTENT., DISS., WATER (MG/L)	16065831
01318	LEAD, POTENTIALLY, DISSOLVED, WATER (MG/L)	7439921
01321	MERCURY, POTENTIALLY, DISSOLVED, WATER (MG/L)	7439976
01322	NICKEL, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440020
01323	SELENIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7782492
01324	THALLIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440280
01523	SILVER, IONIC (UG/L)	7440224
22675	SELENIUM, DISSOLVED ORGANIC (UG/L)	7782492
22676	SELENIUM, HEXAVALENT, DISSOLVED (UG/L)	7782492
22677	SELENIUM, TETRAVALENT, DISSOLVED	7782492
22678	ARSENIC, DISSOLVED ORGANIC (UG/L)	7440382
22679	ARSENIC, PENTAVALENT, DISSOLVED (UG/L)	7440382
22680	ARSENIC, TRIVALENT, DISSOLVED (UG/L)	7440382
30197	2-CHLOROETHYLVINYL ETHER,WATER,WHL,RECOVER (UG/L)	110758
30201	CHLOROMETHANE, WATER, WHOLE, RECOVERABLE (UG/L)	74873
30202	BROMOMETHANE, WATER, WHOLE, RECOVERABLE (UG/L)	74839
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXT. (UG/L)	67663
32005	CARBON CHLOROFORM EXTRACTABLES (UG/L)	67663
32021	CARBON CHLOROFORM EXTRACTS, ETHER INSOLUBLE (UG/L)	67663
32022	CARBON CHLOROFORM EXTRACTS, WATER SOLUBLES (UG/L)	67663
32101	BROMODICHLOROMETHANE, WHOLE WATER (UG/L)	75274
32102	CARBON TETRACHLORIDE, WHOLE WATER, (UG/L)	56235
32103	1,2-DICHLOROETHANE, WHOLE WATER (UG/L)	107062
32104	BROMOFORM, WHOLE WATER, (UG/L)	75252
32105	DIBROMOCHLOROMETHANE, WHOLE WATER, (UG/L)	124481
32106	CHLOROFORM, WHOLE WATER (UG/L)	67663
32260	CARBON TETRACHLORIDE EXTRACTABLES (MG/L)	56235
32270	CHLOROFORM EXTRACTABLES TOTAL IN MG PER LITER	67663

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXT. (UG/L)	108883
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXT. (UG/L)	71432
34198	BHC-DELTA, WATER, WHOLE (LBS/DAY)	319868
34200	ACENAPHTHYLENE, TOTAL (UG/L)	208968
34201	ACENAPHTHYLENE, DISSOLVED (UG/L)	208968
34202	ACENAPHTHYLENE, SUSPENDED (UG/L)	208968
34205	ACENAPHTHENE, TOTAL (UG/L)	83329
34206	ACENAPHTHENE, DISSOLVED (UG/L)	83329
34207	ACENAPHTHENE, SUSPENDED (UG/L)	83329
34210	ACROLEIN, TOTAL (UG/L)	107028
34211	ACROLEIN, DISSOLVED (UG/L)	107028
34212	ACROLEIN, SUSPENDED (UG/L)	107028
34215	ACRYLONITRILE, TOTAL (UG/L)	107131
34216	ACRYLONITRILE, DISSOLVED (UG/L)	107131
34217	ACRYLONITRILE, SUSPENDED (UG/L)	107131
34220	ANTHRACENE, TOTAL (UG/L)	120127
34221	ANTHRACENE, DISSOLVED (UG/L)	120127
34222	ANTHRACENE, SUSPENDED (UG/L)	120127
34225	ASBESTOS (FIBROUS) TOTAL (UG/L)	1332214
34226	ASBESTOS (FIBROUS) DISSOLVED (UG/L)	1332214
34227	ASBESTOS (FIBROUS) SUSPENDED (UG/L)	1332214
34230	BENZO(B)FLUORANTHENE, WHOLE WATER (UG/L)	205992
34231	BENZO(B)FLUORANTHENE, DISSOLVED (UG/L)	205992
34232	BENZO(B)FLUORANTHENE, SUSPENDED (UG/L)	205992
34235	BENZENE, DISSOLVED (UG/L)	71432
34236	BENZENE, SUSPENDED (UG/L)	71432
34239	BENZIDINE, DISSOLVED (UG/L)	92875
34240	BENZIDINE, SUSPENDED (UG/L)	92875

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34242	BENZO(K)FLUORANTHENE, TOTAL (UG/L)	207089
34243	BENZO(K)FLUORANTHENE, DISSOLVED (UG/L)	207089
34244	BENZO(K)FLUORANTHENE, SUSPENDED (UG/L)	207089
34247	BENZO-A-PYRENE, TOTAL (UG/L)	50328
34248	BENZO-A-PYRENE, DISSOLVED (UG/L)	50328
34249	BENZO-A-PYRENE, SUSPENDED (UG/L)	50328
34253	A-BHC-ALPHA, DISSOLVED (UG/L)	319846
34254	A-BHC-ALPHA, SUSPENDED (UG/L)	319846
34255	B-BHC-BETA, DISSOLVED (UG/L)	319857
34256	B-BHC-BETA, SUSPENDED (UG/L)	319857
34259	DELTA BENZENE HEXACHLORIDE, TOTAL (UG/L)	319868
34260	DELTA BENZENE HEXACHLORIDE, DISSOLVED (UG/L)	319868
34261	DELTA BENZENE HEXACHLORIDE, SUSPENDED (UG/L)	319868
34265	R-BHC (LINDANE) GAMMA, DISSOLVED (UG/L)	58899
34266	R-BHC (LINDANE) GAMMA, SUSPENDED (UG/L)	58899
34273	BIS (2-CHLOROETHYL) ETHER, TOTAL (UG/L)	111444
34274	BIS (2-CHLOROETHYL) ETHER, DISSOLVED (UG/L)	111444
34275	BIS (2-CHLOROETHYL) ETHER, SUSPENDED (UG/L)	111444
34278	BIS (2-CHLOROETHOXY) METHANE, TOTAL (UG/L)	111911
34279	BIS (2-CHLOROETHOXY) METHANE, DISSOLVED (UG/L)	111911
34280	BIS (2-CHLOROETHOXY) METHANE, SUSPENDED (UG/L)	111911
34288	BROMOFORM, DISSOLVED (UG/L)	75252
34289	BROMOFORM, SUSPENDED (UG/L)	75252
34292	N-BUTYL BENZYL PHTHALATE, WHOLE WATER (UG/L)	85687
34293	N-BUTYL BENZYL PHTHALATE, DISSOLVED (UG/L)	85687
34294	N-BUTYL BENZYL PHTHALATE, SUSPENDED (UG/L)	85687
34297	CARBON TETRACHLORIDE, DISSOLVED (UG/L)	56235
34298	CARBON TETRACHLORIDE, SUSPENDED (UG/L)	56235

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34301	CHLOROBENZENE, TOTAL (UG/L)	108907
34302	CHLOROBENZENE, DISSOLVED (UG/L)	108907
34303	CHLOROBENZENE, SUSPENDED (UG/L)	108907
34306	CHLORODIBROMOMETHANE, TOTAL (UG/L)	124481
34307	CHLORODIBROMOMETHANE, DISSOLVED (UG/L)	124481
34308	CHLORODIBROMOMETHANE, SUSPENDED (UG/L)	124481
34311	CHLOROETHANE, TOTAL (UG/L)	75003
34312	CHLOROETHANE, DISSOLVED (UG/L)	75003
34313	CHLOROETHANE, SUSPENDED (UG/L)	75003
34316	CHLOROFORM, DISSOLVED (UG/L)	67663
34317	CHLOROFORM, SUSPENDED (UG/L)	67663
34320	CHRYSENE, TOTAL (UG/L)	218019
34321	CHRYSENE, DISSOLVED (UG/L)	218019
34322	CHRYSENE, SUSPENDED (UG/L)	218019
34325	CYANIDE, SUSPENDED (MG/L)	57125
34327	DI-N-BUTYL PHTHALATE, DISSOLVED (UG/L)	84742
34328	DICHLOROBROMOMETHANE, DISSOLVED (UG/L)	75274
34329	DICHLOROBROMOMETHANE, SUSPENDED (UG/L)	75274
34336	DIETHYL PHTHALATE, TOTAL (UG/L)	84662
34337	DIETHYL PHTHALATE, DISSOLVED (UG/L)	84662
34338	DIETHYL PHTHALATE, SUSPENDED (UG/L)	84662
34341	DIMETHYL PHTHALATE, TOTAL (UG/L)	131113
34342	DIMETHYL PHTHALATE, DISSOLVED (UG/L)	131113
34343	DIMETHYL PHTHALATE, SUSPENDED (UG/L)	131113
34346	1,2-DIPHENYLHYDRAZINE, TOTAL (UG/L)	122667
34347	1,2-DIPHENYLHYDRAZINE, DISSOLVED (UG/L)	122667
34348	1,2-DIPHENYLHYDRAZINE, SUSPENDED (UG/L)	122667
34351	ENDOSULFAN SULFATE, TOTAL (UG/L)	1031078

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34352	ENDOSULFAN SULFATE, DISSOLVED (UG/L)	1031078
34353	ENDOSULFAN SULFATE, SUSPENDED (UG/L)	1031078
34356	ENDOSULFAN, BETA, TOTAL (UG/L)	33213659
34357	ENDOSULFAN, BETA, DISSOLVED (UG/L)	33213659
34358	ENDOSULFAN, BETA, SUSPENDED (UG/L)	33213659
34361	ENDOSULFAN, ALPHA, TOTAL (UG/L)	959988
34362	ENDOSULFAN, ALPHA, DISSOLVED (UG/L)	959988
34363	ENDOSULFAN, ALPHA, SUSPENDED (UG/L)	959988
34371	ETHYLBENZENE, TOTAL (UG/L)	100414
34372	ETHYLBENZENE, DISSOLVED (UG/L)	100414
34373	ETHYLBENZENE, SUSPENDED (UG/L)	100414
34376	FLUORANTHENE, TOTAL (UG/L)	206440
34377	FLUORANTHENE, DISSOLVED (UG/L)	206440
34378	FLUORANTHENE, SUSPENDED (UG/L)	206440
34381	FLUORENE, TOTAL (UG/L)	86737
34382	FLUORENE, DISSOLVED (UG/L)	86737
34383	FLUORENE, SUSPENDED (UG/L)	86737
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL (UG/L)	77474
34387	HEXACHLOROCYCLOPENTADIENE, DISSOLVED (UG/L)	77474
34388	HEXACHLOROCYCLOPENTADIENE, SUSPENDED (UG/L)	77474
34391	HEXACHLOROBUTADIENE, TOTAL (UG/L)	87683
34392	HEXACHLOROBUTADIENE, DISSOLVED (UG/L)	87683
34393	HEXACHLOROBUTADIENE, SUSPENDED (UG/L)	87683
34396	HEXACHLOROETHANE, TOTAL (UG/L)	67721
34397	HEXACHLOROETHANE, DISSOLVED (UG/L)	67721
34398	HEXACHLOROETHANE, SUSPENDED (UG/L)	67721
34401	HEXACHLOROBENZENE, DISSOLVED (UG/L)	118741
34402	HEXACHLOROBENZENE, SUSPENDED (UG/L)	118741

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34403	INDENO (1,2,3-CD) PYRENE, TOTAL (UG/L)	193395
34404	INDENO (1,2,3-CD) PYRENE, DISSOLVED (UG/L)	193395
34405	INDENO (1,2,3-CD) PYRENE, SUSPENDED (UG/L)	193395
34408	ISOPHORONE, TOTAL (UG/L)	78591
34409	ISOPHORONE, DISSOLVED (UG/L)	78591
34410	ISOPHORONE, SUSPENDED (UG/L)	78591
34413	METHYL BROMIDE, TOTAL (UG/L)	74839
34414	METHYL BROMIDE, DISSOLVED (UG/L)	74839
34415	METHYL BROMIDE, SUSPENDED (UG/L)	74839
34418	METHYL CHLORIDE, TOTAL (UG/L)	74873
34419	METHYL CHLORIDE, DISSOLVED (UG/L)	74873
34420	METHYL CHLORIDE, SUSPENDED (UG/L)	74873
34423	METHYLENE CHLORIDE, TOTAL (UG/L)	75092
34424	METHYLENE CHLORIDE, DISSOLVED (UG/L)	75092
34425	METHYLENE CHLORIDE, SUSPENDED (UG/L)	75092
34428	N-NITROSODI-N-PROPYLAMINE, TOTAL (UG/L)	621647
34429	N-NITROSODI-N-PROPYLAMINE, DISSOLVED (UG/L)	621647
34430	N-NITROSODI-N-PROPYLAMINE, SUSPENDED (UG/L)	621647
34433	N-NITROSODIPHENYLAMINE, TOTAL (UG/L)	86306
34434	N-NITROSODIPHENYLAMINE, DISSOLVED (UG/L)	86306
34435	N-NITROSODIPHENYLAMINE, SUSPENDED (UG/L)	86306
34438	N-NITROSODIMETHYLAMINE, TOTAL (UG/L)	62759
34439	N-NITROSODIMETHYLAMINE, DISSOLVED (UG/L)	62759
34440	N-NITROSODIMETHYLAMINE, SUSPENDED (UG/L)	62759
34443	NAPHTHALENE, DISSOLVED (UG/L)	91203
34444	NAPHTHALENE, SUSPENDED (UG/L)	91203
34447	NITROBENZENE, TOTAL (UG/L)	98953
34448	NITROBENZENE, DISSOLVED (UG/L)	98953

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34449	NITROBENZENE, SUSPENDED (UG/L)	98953
34452	PARACHLOROMETA CRESOL, TOTAL (UG/L)	59507
34453	PARACHLOROMETA CRESOL, DISSOLVED (UG/L)	59507
34454	PARACHLOROMETA CRESOL, SUSPENDED (UG/L)	59507
34457	PCB - 1242, DISSOLVED (UG/L)	53469219
34458	PCB - 1242, SUSPENDED (UG/L)	53469219
34459	PCP (PENTACHLOROPHENOL), DISSOLVED (UG/L)	87865
34460	PCP (PENTACHLOROPHENOL), SUSPENDED (UG/L)	87865
34461	PHENANTHRENE, TOTAL (UG/L)	85018
34462	PHENANTHRENE, DISSOLVED (UG/L)	85018
34463	PHENANTHRENE, SUSPENDED (UG/L)	85018
34466	PHENOL, DISSOLVED (UG/L)	108952
34467	PHENOL, SUSPENDED (UG/L)	108952
34469	PYRENE, TOTAL (UG/L)	129000
34470	PYRENE, DISSOLVED (UG/L)	129000
34471	PYRENE, SUSPENDED (UG/L)	129000
34475	TETRACHLOROETHYLENE, TOTAL (UG/L)	127184
34476	TETRACHLOROETHYLENE, DISSOLVED (UG/L)	127184
34477	TETRACHLOROETHYLENE, SUSPENDED (UG/L)	127184
34481	TOLUENE, DISSOLVED (UG/L)	108883
34482	TOLUENE, SUSPENDED (UG/L)	108883
34485	TRICHLOROETHYLENE, DISSOLVED (UG/L)	79016
34486	TRICHLOROETHYLENE, SUSPENDED (UG/L)	79016
34493	VINYL CHLORIDE, DISSOLVED (UG/L)	75014
34494	VINYL CHLORIDE, SUSPENDED (UG/L)	75014
34496	1,1-DICHLOROETHANE, TOTAL (UG/L)	75343
34497	1,1-DICHLOROETHANE, DISSOLVED (UG/L)	75343
34498	1,1-DICHLOROETHANE, SUSPENDED (UG/L)	75343

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34501	1,1-DICHLOROETHYLENE, TOTAL (UG/L)	75354
34502	1,1-DICHLOROETHYLENE, DISSOLVED (UG/L)	75354
34503	1,1-DICHLOROETHYLENE, SUSPENDED (UG/L)	75354
34506	1,1,1-TRICHLOROETHANE, TOTAL (UG/L)	71556
34507	1,1,1-TRICHLOROETHANE, DISSOLVED (UG/L)	71556
34508	1,1,1-TRICHLOROETHANE, SUSPENDED (UG/L)	71556
34511	1,1,2-TRICHLOROETHANE, TOTAL (UG/L)	79005
34512	1,1,2-TRICHLOROETHANE, DISSOLVED (UG/L)	79005
34513	1,1,2-TRICHLOROETHANE, SUSPENDED (UG/L)	79005
34516	1,1,2,2-TETRACHLOROETHANE, TOTAL (UG/L)	79345
34517	1,1,2,2-TETRACHLOROETHANE, DISSOLVED (UG/L)	79345
34518	1,1,2,2-TETRACHLOROETHANE, SUSPENDED (UG/L)	79345
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE, TOTAL (UG/L)	191242
34522	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE, DISS. (UG/L)	191242
34523	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE, SUSP. (UG/L)	191242
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE, TOTAL (UG/L)	56553
34527	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE, DISS. (UG/L)	56553
34528	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE, SUSP. (UG/L)	56553
34531	1,2-DICHLOROETHANE, TOTAL (UG/L)	107062
34532	1,2-DICHLOROETHANE, DISSOLVED (UG/L)	107062
34533	1,2-DICHLOROETHANE, SUSPENDED (UG/L)	107062
34536	1,2-DICHLOROBENZENE, TOTAL (UG/L)	95501
34537	1,2-DICHLOROBENZENE, DISSOLVED (UG/L)	95501
34538	1,2-DICHLOROBENZENE, SUSPENDED (UG/L)	95501
34541	1,2-DICHLOROPROPANE, TOTAL (UG/L)	78875
34542	1,2-DICHLOROPROPANE, DISSOLVED (UG/L)	78875
34543	1,2-DICHLOROPROPANE, SUSPENDED (UG/L)	78875
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER (UG/L)	156605

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34547	TRANS-1,2-DICHLOROETHENE, DISSOLVED (UG/L)	156605
34548	TRANS-1,2-DICHLOROETHENE, SUSPENDED (UG/L)	156605
34551	1,2,4-TRICHLOROBENZENE, TOTAL (UG/L)	120821
34552	1,2,4-TRICHLOROBENZENE, DISSOLVED (UG/L)	120821
34553	1,2,4-TRICHLOROBENZENE, SUSPENDED (UG/L)	120821
34556	1,2,5,6-DIBENZANTHRACENE, TOTAL (UG/L)	53703
34557	1,2,5,6-DIBENZANTHRACENE, DISSOLVED (UG/L)	53703
34558	1,2,5,6-DIBENZANTHRACENE, SUSPENDED (UG/L)	53703
34561	1,3-DICHLOROPROPENE, TOTAL (UG/L)	542756
34562	1,3-DICHLOROPROPENE, DISSOLVED (UG/L)	542756
34563	1,3-DICHLOROPROPENE, SUSPENDED (UG/L)	542756
34566	1,3-DICHLOROBENZENE, TOTAL (UG/L)	541731
34567	1,3-DICHLOROBENZENE, DISSOLVED (UG/L)	541731
34568	1,3-DICHLOROBENZENE, SUSPENDED (UG/L)	541731
34571	1,4-DICHLOROBENZENE, TOTAL (UG/L)	106467
34572	1,4-DICHLOROBENZENE, DISSOLVED (UG/L)	106467
34573	1,4-DICHLOROBENZENE, SUSPENDED (UG/L)	106467
34576	2-CHLOROETHYL VINYL ETHER, TOTAL (UG/L)	110758
34577	2-CHLOROETHYL VINYL ETHER, DISSOLVED (UG/L)	110758
34578	2-CHLOROETHYL VINYL ETHER, SUSPENDED (UG/L)	110758
34581	2-CHLORONAPHTHALENE, TOTAL (UG/L)	91587
34582	2-CHLORONAPHTHALENE, DISSOLVED (UG/L)	91587
34583	2-CHLORONAPHTHALENE, SUSPENDED (UG/L)	91587
34586	2-CHLOROPHENOL, TOTAL (UG/L)	95578
34587	2-CHLOROPHENOL, DISSOLVED (UG/L)	95578
34588	2-CHLOROPHENOL, SUSPENDED (UG/L)	95578
34591	2-NITROPHENOL, TOTAL (UG/L)	88755
34592	2-NITROPHENOL, DISSOLVED (UG/L)	88755

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34593	2-NITROPHENOL, SUSPENDED (UG/L)	88755
34596	DI-N-OCTYL PHTHALATE, TOTAL (UG/L)	117840
34597	DI-N-OCTYL PHTHALATE, DISSOLVED (UG/L)	117840
34598	DI-N-OCTYL PHTHALATE, SUSPENDED (UG/L)	117840
34601	2,4-DICHLOROPHENOL, TOTAL (UG/L)	120832
34602	2,4-DICHLOROPHENOL, DISSOLVED (UG/L)	120832
34603	2,4-DICHLOROPHENOL, SUSPENDED (UG/L)	120832
34606	2,4-DIMETHYLPHENOL, TOTAL (UG/L)	105679
34607	2,4-DIMETHYLPHENOL, DISSOLVED (UG/L)	105679
34608	2,4-DIMETHYLPHENOL, SUSPENDED (UG/L)	105679
34611	2,4-DINITROTOLUENE, TOTAL (UG/L)	121142
34612	2,4-DINITROTOLUENE, DISSOLVED (UG/L)	121142
34613	2,4-DINITROTOLUENE, SUSPENDED (UG/L)	121142
34616	2,4-DINITROPHENOL, TOTAL (UG/L)	51285
34617	2,4-DINITROPHENOL, DISSOLVED (UG/L)	51285
34618	2,4-DINITROPHENOL, SUSPENDED (UG/L)	51285
34621	2,4,6-TRICHLOROPHENOL, TOTAL (UG/L)	88062
34622	2,4,6-TRICHLOROPHENOL, DISSOLVED (UG/L)	88062
34623	2,4,6-TRICHLOROPHENOL, SUSPENDED (UG/L)	88062
34626	2,6-DINITROTOLUENE, TOTAL (UG/L)	606202
34627	2,6-DINITROTOLUENE, DISSOLVED (UG/L)	606202
34628	2,6-DINITROTOLUENE, SUSPENDED (UG/L)	606202
34631	3,3'-DICHLOROBENZIDINE, TOTAL (UG/L)	91941
34632	3,3'-DICHLOROBENZIDINE, DISSOLVED (UG/L)	91941
34633	3,3'-DICHLOROBENZIDINE, SUSPENDED (UG/L)	91941
34636	4-BROMOPHENYL PHENYL ETHER, TOTAL (UG/L)	101553
34637	4-BROMOPHENYL PHENYL ETHER, DISSOLVED (UG/L)	101553
34638	4-BROMOPHENYL PHENYL ETHER, SUSPENDED (UG/L)	101553

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34641	4-CHLOROPHENYL PHENYL ETHER, TOTAL (UG/L)	7005723
34642	4-CHLOROPHENYL PHENYL ETHER, DISSOLVED (UG/L)	7005723
34643	4-CHLOROPHENYL PHENYL ETHER, SUSPENDED (UG/L)	7005723
34646	4-NITROPHENOL, TOTAL (UG/L)	100027
34647	4-NITROPHENOL, DISSOLVED (UG/L)	100027
34648	4-NITROPHENOL, SUSPENDED (UG/L)	100027
34651	P,P'-DDD, DISSOLVED (UG/L)	72548
34652	P,P'-DDD, SUSPENDED (UG/L)	72548
34653	P,P'-DDE, DISSOLVED (UG/L)	72559
34654	P,P'-DDE, SUSPENDED (UG/L)	72559
34655	P,P'-DDT, DISSOLVED (UG/L)	50293
34656	P,P'-DDT, SUSPENDED (UG/L)	50293
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL), TOTAL (UG/L)	534521
34658	DNOC (4,6-DINITRO-ORTHO-CRESOL), DISSOLVED (UG/L)	534521
34659	DNOC (4,6-DINITRO-ORTHO-CRESOL), SUSPENDED (UG/L)	534521
34662	PCB - 1221, DISSOLVED (UG/L)	11104282
34663	PCB - 1221, SUSPENDED (UG/L)	11104282
34665	PCB - 1232, DISSOLVED (UG/L)	11141165
34666	PCB - 1232, SUSPENDED (UG/L)	11141165
34671	PCB - 1016, TOTAL (UG/L)	12674112
34672	PCB - 1016, DISSOLVED (UG/L)	12674112
34673	PCB - 1016, SUSPENDED (UG/L)	12674112
34675	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD),TOT(UG/L)	1746016
34676	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)DISS(UG/L)	1746016
34677	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)SUSP(UG/L)	1746016
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTAL (UG/L)	108952
34696	NAPHTHALENE, TOTAL (UG/L)	91203
34750	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)TOT(PG/L)	1746016

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34751	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)DISS(PG/L)	1746016
34752	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)SUSP(PG/L)	1746016
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE (UG/L)	87865
39039	HEXACHLOROBENZENE WATER SAMPLE,ELECTRON CPT (UG/L)	118741
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER (UG/L)	117817
39103	BIS(2-ETHYLHEXYL) PHTHALATE, DISSOLVED, (UG/L)	117817
39104	BIS(2-ETHYLHEXYL) PHTHALATE, SUSPENDED, (UG/L)	117817
39107	PHTHALATES,DIETHYLHEXYL SUS.FRAC.WTR DWT (MG/KG)	117817
39110	DI-N-BUTYL PHTHALATE, WHOLE WATER (UG/L)	84742
39114	DI-N-BUTYL PHTHALATE, SUSPENDED (UG/L)	84742
39115	PHTHALATES,DIBUTYL SUS.FRAC.WATER DWT (UG/KG)	84742
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	92875
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE (UG/L)	75014
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE (UG/L)	79016
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	50293
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	72548
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	72559
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	309002
39331	ALDRIN IN FILT. FRAC. OF WAT. SAMP. (UG/L)	309002
39332	ALDRIN IN SUSP. FRAC. OF WAT. SAMP. (UG/L)	309002
39336	BHC-ALPHA, WATER, WHOLE (LBS/DAY)	319846
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER (UG/L)	319846
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER (UG/L)	319857
39340	GAMMA-BHC(LINDANE), WHOLE WATER (UG/L)	58899
39341	GAMMA-BHC(LINDANE), DISSOLVED (UG/L)	58899
39342	GAMMA-BHC(LINDANE), SUSPENDED (UG/L)	58899
39344	BHC-GAMMA, WATER, WHOLE (LBS/DAY)	58899
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATER (UG/L)	57749

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
39352	CHLORDANE(TECH MIX & METABS), DISSOLVED (UG/L)	57749
39353	CHLORDANE(TECH MIX & METABS), SUSPENDED (UG/L)	57749
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	72548
39361	DDD IN FILT. FRAC. OF WATER SMAPLE (UG/L)	72548
39362	DDD IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	72548
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	72559
39366	DDE IN FILT. FRAC. OF WATER SAMPLE (UG/L)	72559
39367	DDE IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	72559
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	50293
39371	DDT IN FILT. FRAC. OF WATER SAMPLE (UG/L)	50293
39372	DDT IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	50293
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	60571
39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	60571
39382	DIELDRIN IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	60571
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	72208
39391	ENDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	72208
39392	ENDRIN IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	72208
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	8001352
39401	TOXAPHENE IN FILT. FRAC. OF WATER SAMPLE (UG/L)	8001352
39402	TOXAPHENE IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	8001352
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	76448
39411	HEPTACHLOR IN FILT. FRAC. OF WATER SAMPLE (UG/L)	76448
39412	HEPTACHLOR IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	76448
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	1024573
39421	HEPTACHLOR EPOXIDE IN FILT. FRAC. WAT. SAM. (UG/L)	1024573
39422	HEPTACHLOR EPOXIDE IN SUSP. FRAC. WAT. SAM. (UG/L)	1024573
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE (UG/L)	11104282
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE (UG/L)	11141165

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE (UG/L)	53469219
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE (UG/L)	12672296
39501	PCB - 1248 IN FILT. FRAC. OF WATER SAMPLE (UG/L)	12672296
39502	PCB - 1248 IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	12672296
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE (UG/L)	11097691
39505	PCB - 1254 IN FILT. FRAC. OF WATER SAMPLE (UG/L)	11097691
39506	PCB - 1254 IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	11097691
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE (UG/L)	11096825
39509	PCB - 1260 IN FILT. FRAC. OF WATER SAMPLE (UG/L)	11096825
39510	PCB - 1260 IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	11096825
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	118741
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE (UG/L)	87683
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	58899
39920	DNOC IN WHOLE WATER SAMPLE (UG/L)	534521
46322	LINDANE PLUS ISOMERS IN WHOLE WATER SAMPLE (UG/L)	58899
46323	DELTA-BHC IN WHOLE WATER SAMPLE (UG/L)	319868
46326	HEPTACHLOR AND METABOLITES IN WH. H2O SAMP. (UG/L)	76448
46479	CYANIDE, DISSOLVED, WATER (UG/L)	57125
46551	ARSENIC, FIELD ACIDIFIED W/HNO3, LAB FILT. (UG/L)	7440382
46559	CADMIUM, FIELD ACIDIFIED-HNO3-LAB FILTER (UG/L-CD)	7440439
46560	CHROMIUM, FIELD ACIDIFIED-HN03-LAB FILT. (UG/L-CR)	7440473
46562	COPPER, FIELD ACIDIFIED-HNO3-LAB FILTER. (UG/L-CU)	7440508
46564	LEAD, FIELD ACIDIFIED-HNO3-LAB FILTERED (UG/L-PB)	7439921
46566	SILVER, FIELD ACIDIFIED-HNO3-LAB FILTER.(UG/L-AG)	7440224
46567	ZINC, EXTRACT. FIELD ACID W/HNO3, LAB FILT. (UG/L)	7440666
70012	PARACHLOROMETA CRESOL, WATER, WHOLE (LBS/DAY)	59507
70017	HEXACHLOROCYCLOPENTADIENE, WATER, WHOLE (LBS/DAY)	77474
70021	LEAD, (TCLP), WATER, TOTAL (MG/L)	7439921

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
71890	MERCURY, DISSOLVED (UG/L AS HG)	7439976
71895	MERCURY, SUSPENDED (UG/L AS HG)	7439976
71900	MERCURY, TOTAL (UG/L AS HG)	7439976
71901	MERCURY, TOTAL RECOVERABLE IN WATER AS HG (UG/L)	7439976
71946	CADMIUM, EXTRACTABLE (UG/L AS CD)	7440439
71947	CHROMIUM, EXTRACTABLE (UG/L AS CR)	7440473
71949	LEAD, EXTRACTABLE (UG/L AS PB)	7439921
71950	ZINC, EXTRACTABLE (UG/L AS ZN)	7440666
71951	COPPER, EXTRACTABLE (UG/L AS CU)	7440508
73063	CHLOROGUAIACOL,4-, TOTAL, WATER (UG/L)	16766306
73522	PROPANE, 2,2'-OXYBIS(1-CHLORO)- TOTAL (UG/L)	108601
77163	1,3-DICHLOROPROPENE-1, WHOLE WATER (UG/L)	542756
77354	1,1-DICHLORO-2,2-DIFLUOROETHANE WHOLE WATER (UG/L)	471432
77771	3-CHLORO-4-HYDROXYBENZOPHENONE, WHOLE WATER (UG/L)	55191203
78113	ETHYL BENZENE WHOLE WATER SAMPLE (UG/L)	100414
78124	BENZENE IN WATER (VOLATILE ANALYSIS) (UG/L)	71432
78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) (UG/L)	108883
78208	2,4-DINITRO-O-CRESOL IN WHOLE WATER SAMPLE (UG/L)	534521
78247	CHROMIUM, HEXAVALENT, TOTAL RECOVERABLE, WT (UG/L)	18540299
78248	CYANIDE, TOTAL RECOVERABLE, WATER, WHOLE (UG/L)	57125
80357	CHROMIUM, TRIVALENT, DISSOLVED, AS CR	16065831
81208	CYANIDE, FREE (NOT AMEN. TO CHLORINATION) (MG/L)	57125
81210	CYANIDE - STATE OF ILLINOIS (MG/L)	57125
81214	CADMIUM - STATE OF ILLINOIS (MG/L)-COLD	7440439
81215	CHROMIUM - STATE OF ILLINOIS (MG/L), COLD DIGEST	18540299
81216	CHROMIUM(TRI)-STATE OF ILLINOIS (MG/L)-COLD DIGEST	16065831
81217	CHROMIUM, TOTAL - STATE OF ILLINOIS (MG/L) COLD DIGEST	7440473
81218	COPPER, STATE OF ILLINOIS, MG/L, COLD DIGEST	7440508

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
81220	LEAD, STATE OF ILLINOIS, MG/L, COLD DIGEST	7439921
81222	NICKEL - STATE OF ILLINOIS, MG/L, COLD DIGEST	7440020
81223	SILVER, STATE OF ILLINOIS, MG/L, COLD DIGEST	7440224
81224	ZINC - STATE OF ILLINOIS, MG/L, COLD DIGEST	7440666
81642	SILVER (AG) IN WATER POUNDS PER DAY (LBS/DAY)	7440224
81750	COPPER, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7440508
81751	LEAD, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7439921
81752	NICKEL, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7440020
81753	CADMIUM, INTERSTITIAL WATER FROM SEDIMENT	7440439
81754	ZINC, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7440666
81766	HEPTACHLOR EPOXIDE IN EPILITHIC ALGAE SED. (UG/KG)	1024573
81931	MERCURY (HG) SUSPENDED FRACTION OF WATER (UG/G)	7439976
81932	CADMIUM (CD) SUSPENDED FRACTION OF WATER (UG/G)	7440439
81933	ZINC (ZN) SUSPENDED FRACTION OF WATER (UG/G)	7440666
81934	LEAD (PB) SUSPENDED FRACTION OF WATER (UG/G)	7439921
81936	LEAD (PB) DISSOLVED CATIONIC SPECIES (UG/L)	7439921
81937	CADMIUM (CD) DISSOLVED CATIONIC SPECIES (UG/L)	7440439
81938	CHROMIUM, DISSOLVED CATIONIC SPECIES (UG/L)	7440473
81939	COPPER (CU) DISSOLVED CATIONIC SPECIES (UG/L)	7440508
81940	ZINC (ZN) DISSOLVED CATIONIC SPECIES (UG/L)	7440666
81941	CHROMIUM, DISSOLVED ANIONIC SPECIES (UG/L)	7440473
81942	COPPER (CU) DISSOLVED ANIONIC SPECIES (UG/L)	7440508
81943	ZINC (ZN) DISSOLVED ANIONIC SPECIES (UG/L)	7440666
82058	CHROMIUM, TOTAL, PERCENT REMOVAL	7440473
82399	CHROMIUM, HEXAVALENT (KG/BATCH)	18540299
82512	M,P-DICHLOROBENZENE (MEASURES 1,3&1,4) TOT. (UG/L)	541731
82573	CYANIDE/CHLORINATION IN WATER (MG/L)	57125
82621	HEXACHLOROBENZENE, WATER, TOTAL RECOVER. (UG/L)	118741

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
82622	ENDRIN ALDEHYDE, WH. WATER, TOTAL RECOVER. (UG/L)	7421934
82623	ENDOSULFAN SULFATE, WATER, TOTAL RECOVER. (UG/L)	1031078
82624	ENDOSULFAN, BETA, WH. WATER, TOTAL RECOVER. (UG/L)	33213659
82626	1,2-DIPHENYLHYDRAZINE, WATER, TOTAL RECOVER. (UG/L)	122667
82627	PARACHLOROMETA CRESOL, WATER, TOTAL RECOVER. (UG/L)	59507
85006	ZINC, TOTAL - (#/DAY)	7440666
85007	CHROMIUM, TOTAL (#/DAY)	7440473
85010	NICKEL, TOTAL - (#/DAY)	7440020
85013	MERCURY, TOTAL - (#/DAY)	7439976

Appendix H

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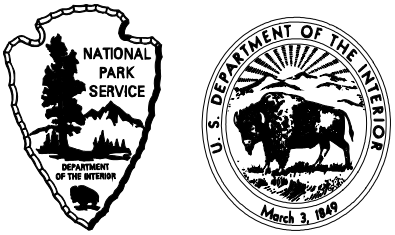
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As the nation's principal conservation agency, the Department of the Interior has the responsibility for most of our nationally owned public lands and natural and cultural resources. This includes fostering wise use of our land and water resources, protecting our fish and wildlife, preserving the environmental and cultural values of our national parks and historical places, and providing for enjoyment of life through outdoor recreation. The Department assesses our energy and mineral resources and works to ensure that their development is in the best interests of all our people. The Department also promotes the goals of the Take Pride in America campaign by encouraging stewardship and citizen responsibility for the public lands and promoting citizen participation in their care. The Department also has a major responsibility for American Indian reservation communities and for people who live in island territories under U.S. administration.

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