Baseline Water Quality Data

Inventory and Analysis

Fort Pulaski National Monument



Water Resources Division and Servicewide Inventory and Monitoring Program

National Park Service - Department of the Interior
Fort Collins - Denver - Washington

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BASELINE WATER QUALITY DATA

INVENTORY AND ANALYSIS

FORT PULASKI NATIONAL MONUMENT

National Park Service
Water Resources Division
Fort Collins, CO 80525

Technical Report NPS/NRWRD/NRTR-99/250

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EXECUTIVE SUMMARY

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

The results of the retrievals for the FOPU study area from the IFD, DRINKS, GAGES, and DAMS databases located 16 industrial/municipal dischargers; no drinking water intakes; 24 active or inactive U. S. Geological Survey (USGS) and U. S. National Ocean Service water gages (including estuary, stream, and well); and no water impoundments. The results of the STORET retrieval for the study area yielded 74,385 observations for 657 separate parameters collected by the NPS, USGS, EPA, Georgia Cooperative Fish and Wildlife Research Unit, Georgia Department of Natural Resources (GDNR), South Carolina Department of Health and Environmental Control, and the Academy of Natural Sciences at 106 monitoring stations from 1960 through 1998. Approximately 64 percent of the 74,385 observations within the study area were collected by the GDNR from 1968 through 1998. Of the 106 monitoring stations, nine stations were located within the park boundaries (see Station Period of Record Tabulation). Thirty-eight of the 106 monitoring stations contained data locked by the EPA[†]. These locked data are not included in the 74,385 total observations retrieved from STORET for the FOPU study area. Seven stations within the study area (none within the park boundaries) were established but contained no data. Six EPA stations within the study area (none within the park boundaries) were established but did not contain data appropriate for statistical analysis.

Many of the monitoring stations represent either one-time or intensive single-year sampling efforts by the collecting agencies. Sixteen stations within the study area (four within the park boundaries) yielded longer-term records consisting of multiple observations for several important water quality parameters (see Station Period of Record Tabulation). The stations yielding the longer-term records within the park boundaries are: (1) South Channel of the Savannah River at the Old Tower, Cockspur Island (FOPU 0037); (2) Moat surrounding Fort Pulaski (FOPU 0034); (3) Feeder Canal at Fort Pulaski (FOPU 0035); and (4) South Channel (Savannah River at the park road bridge) (FOPU 0032). The stations yielding the longest-term records within the study area, but outside of the park boundaries, are: (1) Savannah River at Fort Jackson (FOPU 0089); (2) Savannah River at Lower Flats Range near Fields Cut (FOPU 0063); (3) Savannah River at entrance to South Channel (FOPU 0101); (4) Savannah River at Crossing Range near Buoy R28 (FOPU 0046); and (5) Savannah River near Savannah City Hall (FOPU 0080)[††].

[†]When data are entered into STORET and locked by the controlling agency (EPA), results of a STORET retrieval are limited to general station information and any "unlocked" portions of the data. Additional data must be obtained by contacting the controlling agency (EPA).

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

Screening criteria consisting of published EPA water-quality criteria and instantaneous concentration values selected by the WRD were used to identify potential water quality problems within the study area. While the criteria represent important threshold concentrations of pollutants, it is important to remember that criteria may have been exceeded due to any number of natural or anthropogenic factors, including errors in field, laboratory, and/or recording procedures. The reader is advised to read the Introduction for additional caveats in interpreting the exceeded criteria in this report. The results of the FOPU water quality criteria screen found nine groups of parameters that exceeded screening criteria at least once within the study area[†††]. Dissolved oxygen, pH, chloride, and lead exceeded their respective EPA criteria for the protection freshwater aquatic life. Dissolved oxygen and pH exceeded their respective EPA criteria for the protection of marine aquatic life. Chloride, sulfate, chromium, and lead exceeded their respective EPA drinking water criteria. Fecal-indicator bacteria concentrations (total coliform and fecal coliform) and turbidity exceeded the WRD screening limits for freshwater and marine bathing and aquatic life, respectively.

Dissolved oxygen concentrations were measured 4,770 times at 25 monitoring stations from 1968 through 1998. Of the 4,148 observations used in the criteria analysis (see Composite Type Screen in the Methodology for explanation), 793 concentrations at 18 stations were less than or equal to the 4 milligrams per liter (mg/L) EPA criterion for the protection of aquatic life from 1968 through 1998. Approximately 76 percent of these 793 observations were reported at eight stations in the Savannah River upstream of Elba Island (FOPU 0070, FOPU 0076, FOPU 0078, FOPU 0080, FOPU 0089, FOPU 0092, FOPU 0095, FOPU 0101).

The pH was measured 5,129 times at 23 monitoring stations from 1960 through 1998. Of the 4,685 observations used in the criteria analysis (see Composite Type Screen in the Methodology for explanation), 599 observations at 16 stations were outside the pH range of 6.5 to 8.5 standard units (SU) (EPA chronic criteria for marine aquatic life) or 6.5 to 9.0 SU (EPA chronic criteria for freshwater aquatic life) from 1968 through 1998. Five-hundred-forty-eight observations at 15 stations were less than or equal to pH 6.5 from 1968 through 1997. Forty-five observations at three non-marine stations, within the park on Cockspur Island (FOPU 0034, FOPU 0035) and in the Wilmington River (FOPU 0007), were greater than or equal to pH 9.0 from 1975 through 1998. Six observations within the park at an estuary station in the South Channel of the Savannah River at the park road bridge (FOPU 0032) were greater than or equal to pH 8.5 from 1994 through 1997. Approximately 59 percent of the observations less than or equal to 6.5 SU were reported at five stations in the Savannah River upstream of Elba Island (FOPU 0076, FOPU 0080, FOPU 0089, FOPU 0092, FOPU 0101) from 1968 through 1992, including the lowest pH of 1.1 SU at Fort Jackson (FOPU 0089) in December 1989. The highest pH of 10.5 SU was reported three times on Cockspur Island in the moat surrounding Fort Pulaski (FOPU 0034) during 1994.

Turbidity was measured 2,322 times at ten monitoring stations from 1968 through 1998. One-hundred-sixty-two observations at eight stations, in the Savannah River (FOPU 0037, FOPU 0046, FOPU 0063, FOPU 0080, FOPU 0089, FOPU 0092, FOPU 0101) and Tybee Creek (FOPU 0014), equaled or exceeded the WRD screening criterion of 50 Jackson Candle/Formazin/Nephelometric Turbidity Units (JTU/FTU/NTU) from 1968 through 1992. Approximately 99 percent of these 162 observations were reported at seven stations in the Savannah River (FOPU 0037, FOPU 0046, FOPU 0063, FOPU 0080, FOPU 0089, FOPU 0092, FOPU 0101), including the highest observation 304 FTU within the park in the South Channel at the Old Tower, Cockspur Island (FOPU 0037) in September 1977.

Total coliform concentrations were measured 695 times at 14 monitoring stations from 1966 through 1987. Two-hundred-twelve concentrations at 13 stations equaled or exceeded the WRD bathing water screening criterion of 1,000 Colony Forming Units/Most Probable Number per 100 milliliters (CFU/MPN/100 ml) from 1966 through 1982. Approximately 93 percent of these 212 concentrations were reported at eight stations in the Savannah River

[†††]Water quality criteria applied to the data at a particular station are based on the collecting agency's classification of the station (i.e. station type) in STORET. Depending on tidal conditions at the time of measurement, comparison of data from tidally influenced riverine stations against drinking water or acute freshwater criteria may not be appropriate.

(FOPU 0037, FOPU 0046, FOPU 0058, FOPU 0063, FOPU 0080, FOPU 0089, FOPU 0092, FOPU 0101) from 1968 through 1982. The highest concentration of 240,000 MPN/100 ml was reported three times at two stations in the Savannah River, twice near Savannah City Hall (FOPU 0080) in June and August 1968 and once near Fields Cut (FOPU 0063) in August 1968. Fecal coliform concentrations were measured 2,246 times at 20 monitoring stations from 1966 through 1998. Of the 2,245 observations used in the criteria analysis (see EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), 769 concentrations at 14 stations equaled or exceeded the WRD bathing water screening criterion of 200 CFU/MPN/100 ml from 1968 through 1998. Approximately 64 percent of these 769 concentrations were reported at four stations in the Savannah River upstream of Elba Island (FOPU 0080, FOPU 0089, FOPU 0092, FOPU 0101), including the highest concentration of 11,000,000 MPN/100 ml at Fort Jackson (FOPU 0089) in October 1975.

Total chloride concentrations were measured 1,711 times at 14 monitoring stations from 1960 through 1998. One-thousand-six-hundred-sixty-two concentrations at the 14 stations equaled or exceeded the secondary drinking water criterion of 250 mg/L from 1960 through 1998. One-thousand-five-hundred-eighty of these 1,662 concentrations also equaled or exceeded the acute freshwater criterion of 860 mg/L. Approximately 82 percent of the observations exceeding the criteria were reported at nine stations in the Savannah River (FOPU 0037, FOPU 0038, FOPU 0046, FOPU 0063, FOPU 0080, FOPU 0089, FOPU 0092, FOPU 0095, FOPU 0101). The highest concentration of 25,600 mg/L was reported in the Wilmington River near the southern tip of Cabbage Island (FOPU 0007) in October 1978.

Total sulfate concentrations were measured 31 times at six monitoring stations (FOPU 0007, FOPU 0014, FOPU 0037, FOPU 0038, FOPU 0063, FOPU 0089) from 1960 through 1998. Twenty-eight concentrations at the six stations, in the Savannah River (FOPU 0037, FOPU 0038, FOPU 0063, FOPU 0089), Tybee Creek (FOPU 0014), and the Wilmington River (FOPU 0007), exceeded the secondary drinking water criterion of 250 mg/L from 1960 through 1998. Twenty-one of these 28 observations were reported at four stations in the Savannah River (FOPU 0037, FOPU 0038, FOPU 0063, FOPU 0089). The highest concentration of 3,150 mg/L was reported in Tybee Creek near the southern tip of Tybee Island (FOPU 0014) in June 1985.

Total chromium concentrations were measured 17 times at five monitoring stations (FOPU 0007, FOPU 0014, FOPU 0037, FOPU 0089, FOPU 0101) from 1973 through 1993. Two concentrations, 270 micrograms per liter (µg/L) within the park in the South Channel of the Savannah River at the Old Tower, Cockspur Island (FOPU 0037) and 250 µg/L in Tybee Creek near the southern tip of Tybee Island (FOPU 0014), exceeded the drinking water criterion of 100 µg/L in September 1987.

Total lead concentrations were measured 15 times at four monitoring stations (FOPU 0007, FOPU 0014, FOPU 0037, FOPU 0089) from 1973 through 1993. Of the nine observations used in the criteria analysis (see EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), two concentrations, 150 µg/L and 60 µg/L in the Savannah River at Fort Jackson (FOPU 0089), exceeded the drinking water criterion of 15 µg/L in October 1981 and October 1983, respectively. The highest concentration of 150 µg/L also exceeded the acute freshwater criterion of 82 µg/L.

The IDEA conducted for FOPU indicates that STORET data exist for all 13 Level I parameter groups in the study area. For two groups, Alkalinity and Flow, less than 23 percent of the observations were recorded since 1985. Overall, approximately 38 percent of the observations for Level I parameter groups were recorded since 1985. Data for 11 groups (Alkalinity, pH, Dissolved Oxygen, Flow, Clarity/Turbidity, Nitrate/Nitrogen, Phosphate/Phosphorus, Chlorophyll, Sulfates/Total Dissolved Solids/Hardness, Bacteria, and Toxic Elements) were recorded at less than half of the 61 monitoring stations with data. Relative to other parameter groups, data were limited for three groups (Chlorophyll, Sulfates/Total Dissolved Solids/Hardness, and Toxic Elements). Results for 118 of the 126 EPA priority toxic pollutants (consisting of inorganic and organic parameters, metals, pesticides, and PCB's) were retrieved from STORET.

Surface water resources in the FOPU study area include the Atlantic Ocean; Intracoastal Waterway; Wassaw Sound; the Savannah, Bull, Wilmington, and many other rivers; Oyster, Tybee, Fields, and numerous other creeks

and cuts; a few canals; and many marshes, tidal swamps, and estuaries. Many of these waters are influenced by tidal flow and contain fresh and saline waters in transition. The data inventories and analyses contained in this report indicate that surface waters within the study area have been impacted by human activities. Potential anthropogenic sources of contaminants include industrial and municipal wastewater discharges; stormwater runoff; agricultural operations; marine traffic; commercial and residential development; recreational use; and atmospheric deposition.

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INTRODUCTION

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

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

Goal

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

Purpose

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

Objectives

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

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

2. Develop a complete inventory of all retrieved data;

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

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

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

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

Document Overview

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

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

Caveats

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

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

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

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

Key Personnel

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

National Park Service, Water Resources Division:

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

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

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

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

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

Clint Bassett, Amy Benton, Josh Johnson, and Padraig Gallagher helped prepare reports and write the Executive Summaries.

Elizabeth Eisenhauer, Bill Folsom, Scott Ratchford, Jeff Ketcham, Valdete Celaj, Sonny Emmert, Matt Kunze, Chris Woodward, Nils Babel, and Greg Johnson provided digital cartographic support, both in determining retrieval/query areas and producing maps and graphics.

Kelli O'Connor, J. Chris Echohawk, Curtis Cooper, Mary Beth Talty, Rich Henderson, Kristie Maczko, Ryan Shy, Margaret Matter, Lisa Dummer, Adriane Petersen, Ronda Burns, Eric Janney, Aria Brissette, Shawndra Mawhorter, Melanie Schnier, and John Carillo uploaded water quality data to STORET prior to report preparation.

Jacquie Nolan designed the cover.

Horizon Systems:

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

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

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

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

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

Other National Park Service:

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

METHODOLOGY

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

Delineation of Park Study Area

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

Data Sources

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

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

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

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

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

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

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

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

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

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

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

Data Retrieval and Analysis Procedures

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

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

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

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

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

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

Park Unit Databases

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

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

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

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

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

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

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

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

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

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

Screening Methodologies and Procedures

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

STORET Edit Criteria

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

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

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

Date Screen

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

Station Type Screen

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

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

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

Phase 0 Parameter Screen

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

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

Phase 1 Parameter Screen

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

Media Type Screen

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

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

Remark Code Screen

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

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

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

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

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

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

Composite Type Screen

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

Table D. Possible STORET Composite Type Codes

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

Phase 2 Parameter Screen

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

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

Observations/Period of Record Screen

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

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

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

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

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

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

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

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

Statistical Definitions

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

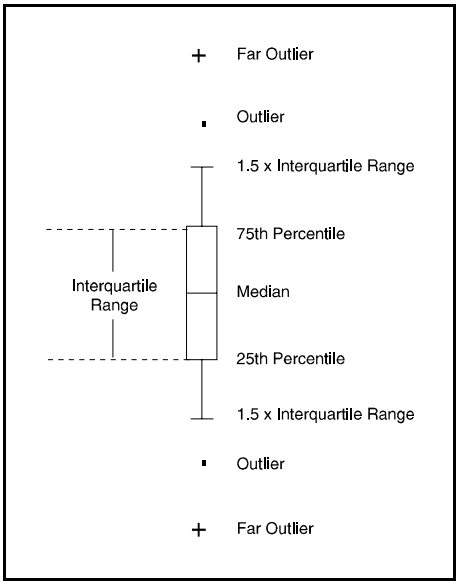
Table H. Definition of Descriptive Statistics Contained in Inventory, Annual, and Seasonal Tables

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

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

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

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



INTERPRETIVE GUIDE

TO WATER QUALITY RESULTS

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

Overview

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

Regional Location Map

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

Water Quality Monitoring Locations Map(s)

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

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

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

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

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

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

Representative Mean Annual Hydrograph for Seasonal Analysis

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

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

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

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

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

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

Contacts for Agency Codes Retrieved

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

Quantity of Data Retrieved by Agency Code

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

Station Period of Record Tabulation

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

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

Parameter Period of Record Tabulation

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

Station/Parameter Period of Record Tabulation

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

Station-By-Station Results

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

Station Inventory for Station

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

Parameter Inventory for Station

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

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

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

EPA Water Quality Criteria Analysis for Station

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

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

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

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

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

Time Series Plots for Station

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

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

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

Annual Analysis for Station

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

Annual Box-and-Whiskers Plots for Station

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

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

Seasonal Analysis for Station

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

Seasonal Box-and-Whiskers Plots for Station

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

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

EPA Water Quality Criteria Analysis for Entire Park Study Area

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

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

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

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

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

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

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

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

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

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

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

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

Water Quality Observations Outside STORET Edit Criteria for Park

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

WATER QUALITY RESULTS

OVERVIEW FOR FOPU

Study Area Boundary Description

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

	Study Area	Park
GIS Estimated Acreage:	103279	5542
# STORET Stations:	106	9
# Stations With No Data:	7	0
# Stations With No Stat. Analysis:	6	0
# Longer Term Stations:	16	4
Date of STORET Retrieval:	08/24/99	08/24/99
Period of Record:	03/07/60-12/10/98	09/16/70-03/25/98
# Parameters Measured:	657	96
# Water Quality Observations:	74385	5067
# Industrial/Municipal Facilities:	16	0
# Drinking Water Intakes:	0	0
# Water Gages:	24	7
# Water Impoundments:	0	0
# Total Plots:	98	0
# Time Series:	24	0
# Annual:	42	0
# Seasonal:	32	0

Hydrologic Definition of Seasons:

1. June 1 - November 14
2. November 15 - March 31
3. April 1 - May 31

Time Series Plot Criteria:

To be included in the time series plots, a station/parameter combination must have at least 25 years and at least 160 observations.

Annual Analysis Criteria:

To be included in the annual box-and-whisker plots, a station/parameter combination must have at least 9 observations in each of at least 10 years.

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

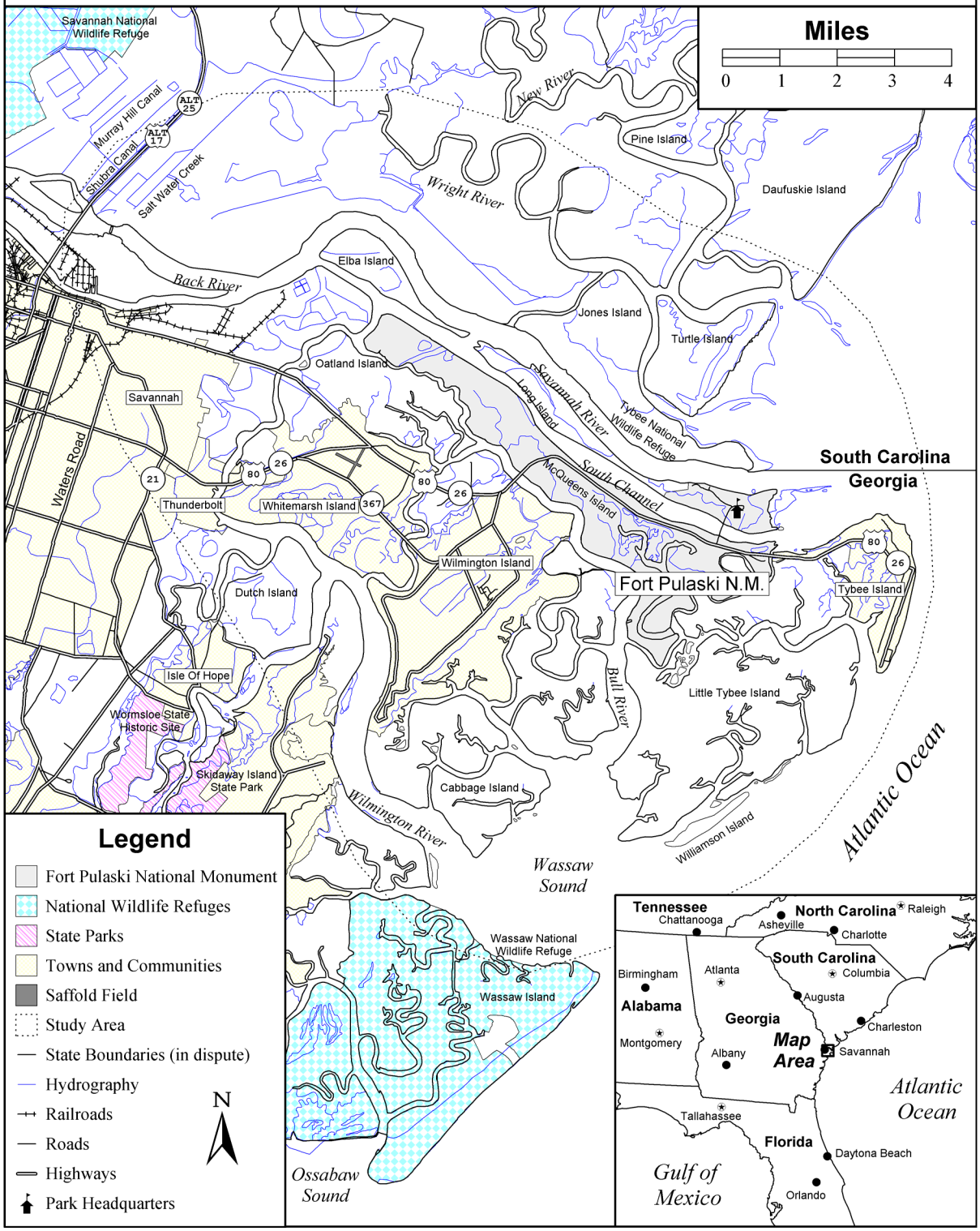
Seasonal Analysis Criteria:

To be included in the seasonal box-and-whisker plots, a station/parameter combination must have at least 9 observations in each of 2 seasons and a period of record of at least 25 years and observations in at least 4 of the 25 years.

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

Fort Pulaski National Monument

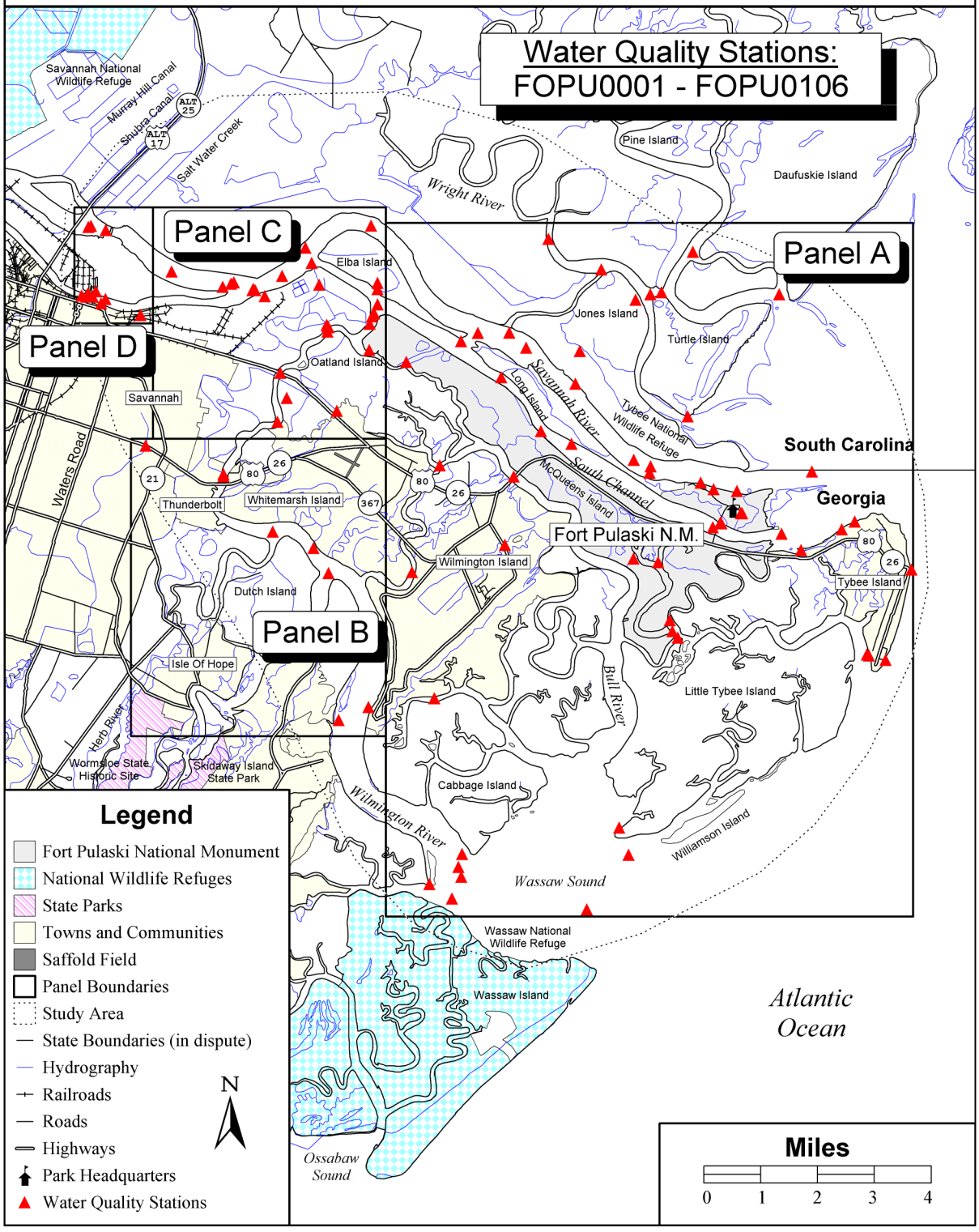
Regional Location Map



Fort Pulaski National Monument

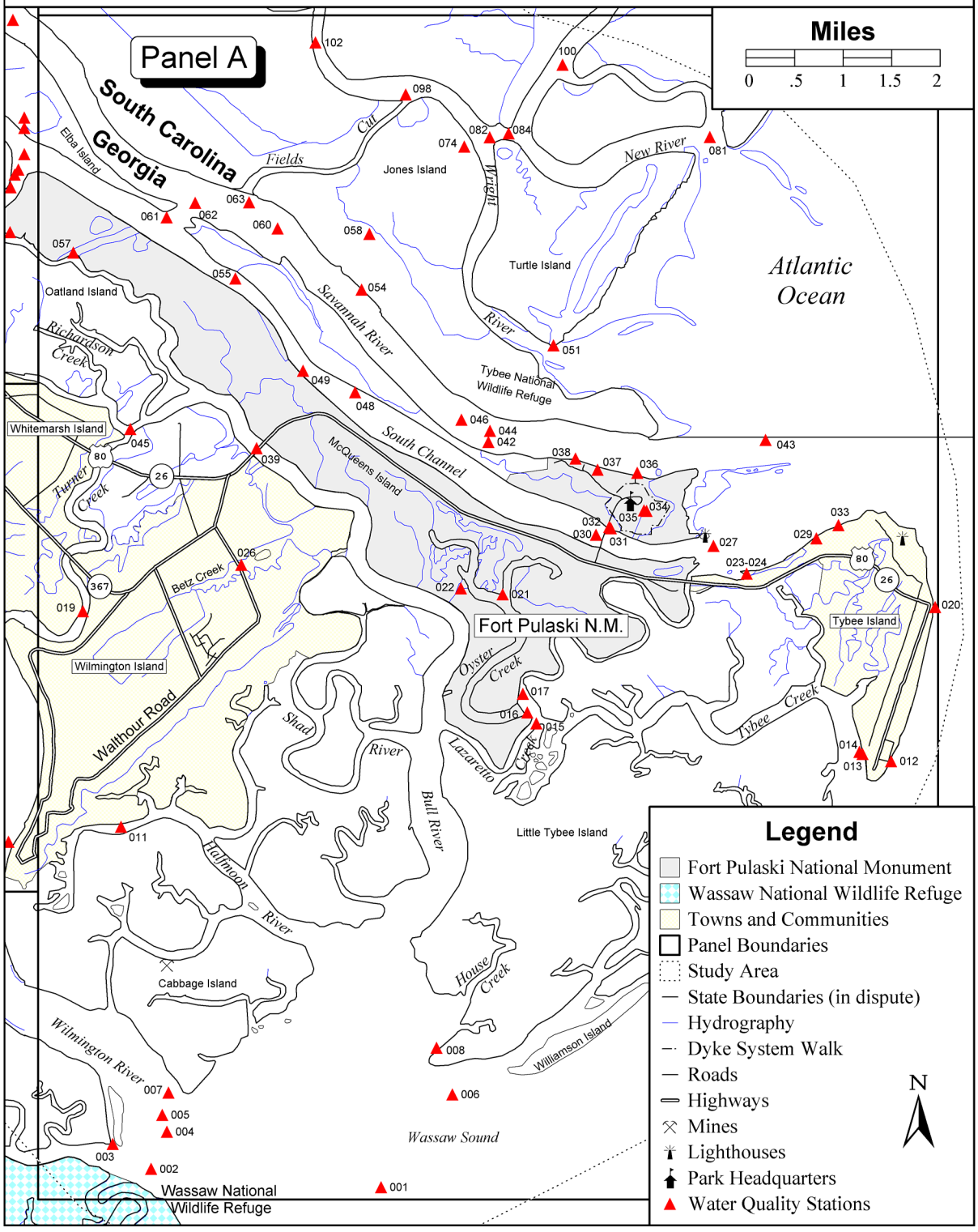
Water Quality Monitoring Locations

Graphic Panel Index



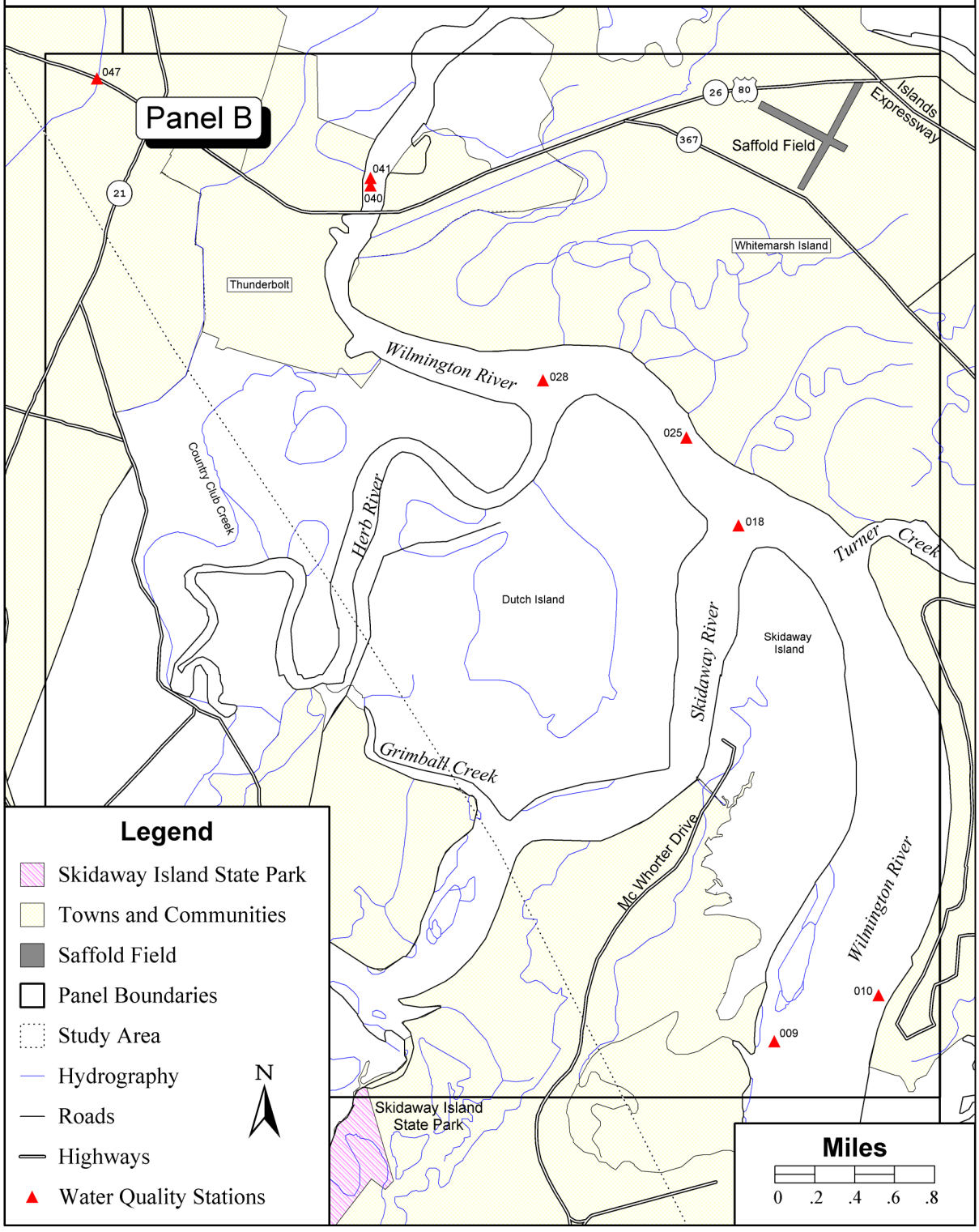
Fort Pulaski National Monument

Water Quality Monitoring Locations



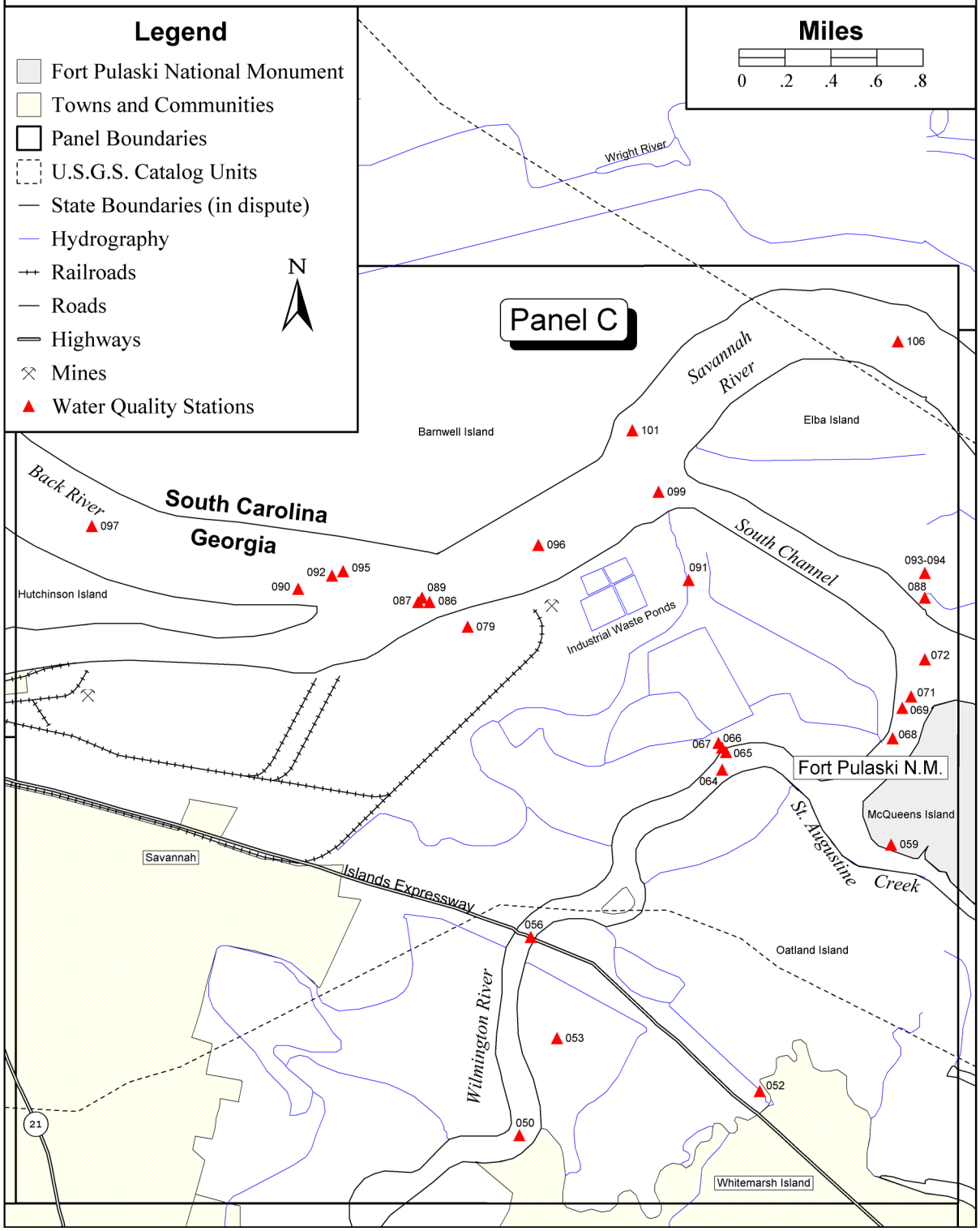
Fort Pulaski National Monument

Water Quality Monitoring Locations



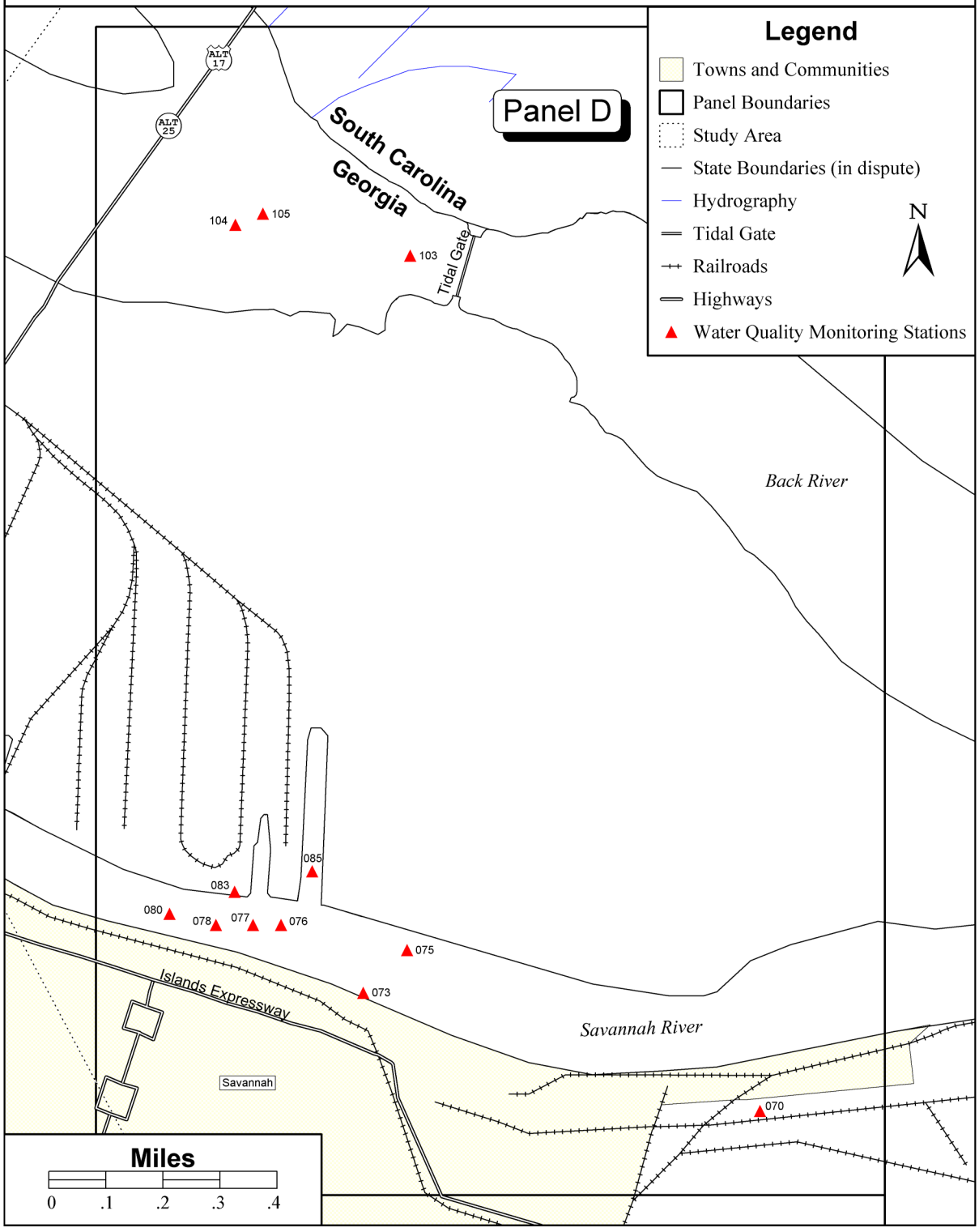
Fort Pulaski National Monument

Water Quality Monitoring Locations



Fort Pulaski National Monument

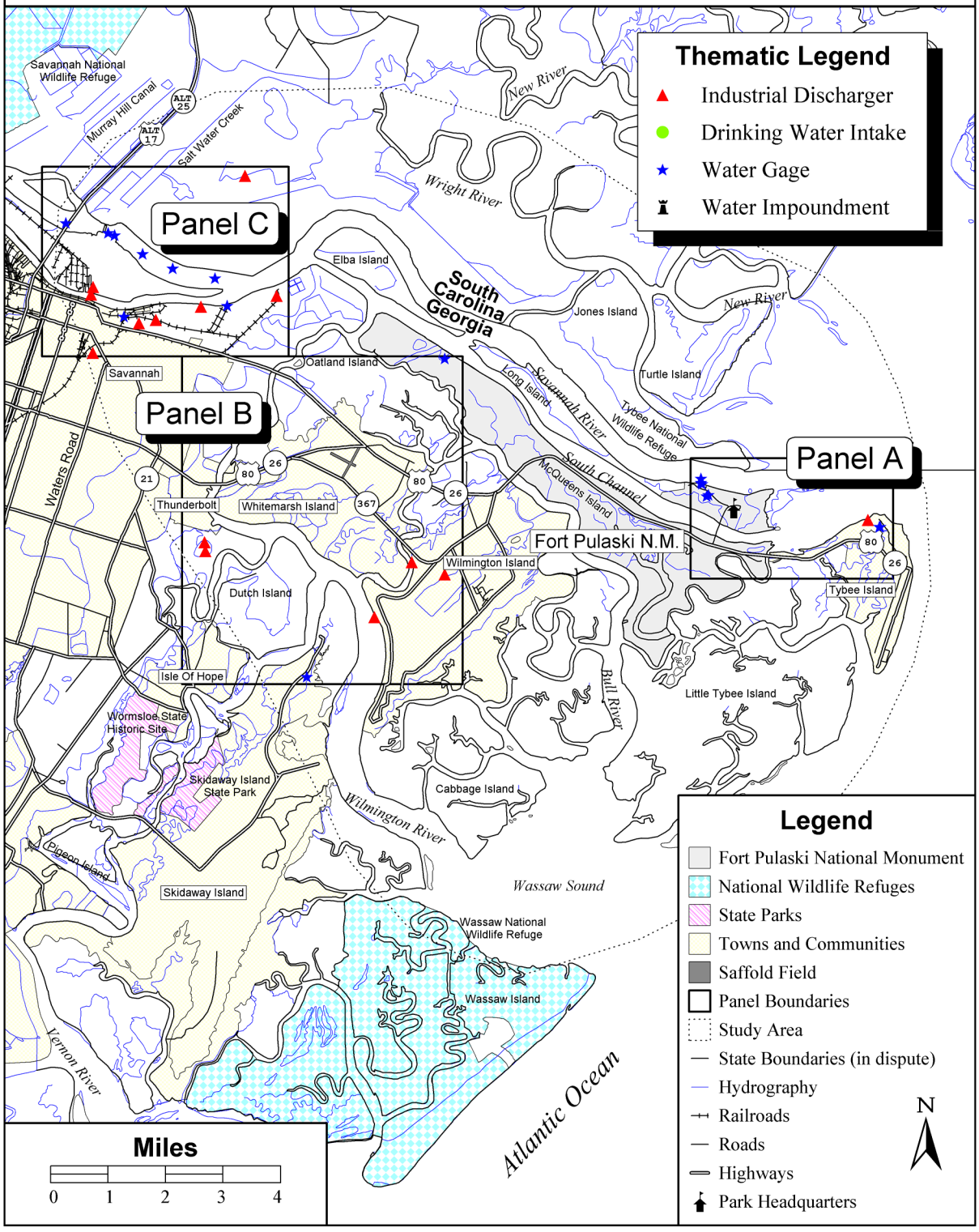
Water Quality Monitoring Locations



Fort Pulaski National Monument

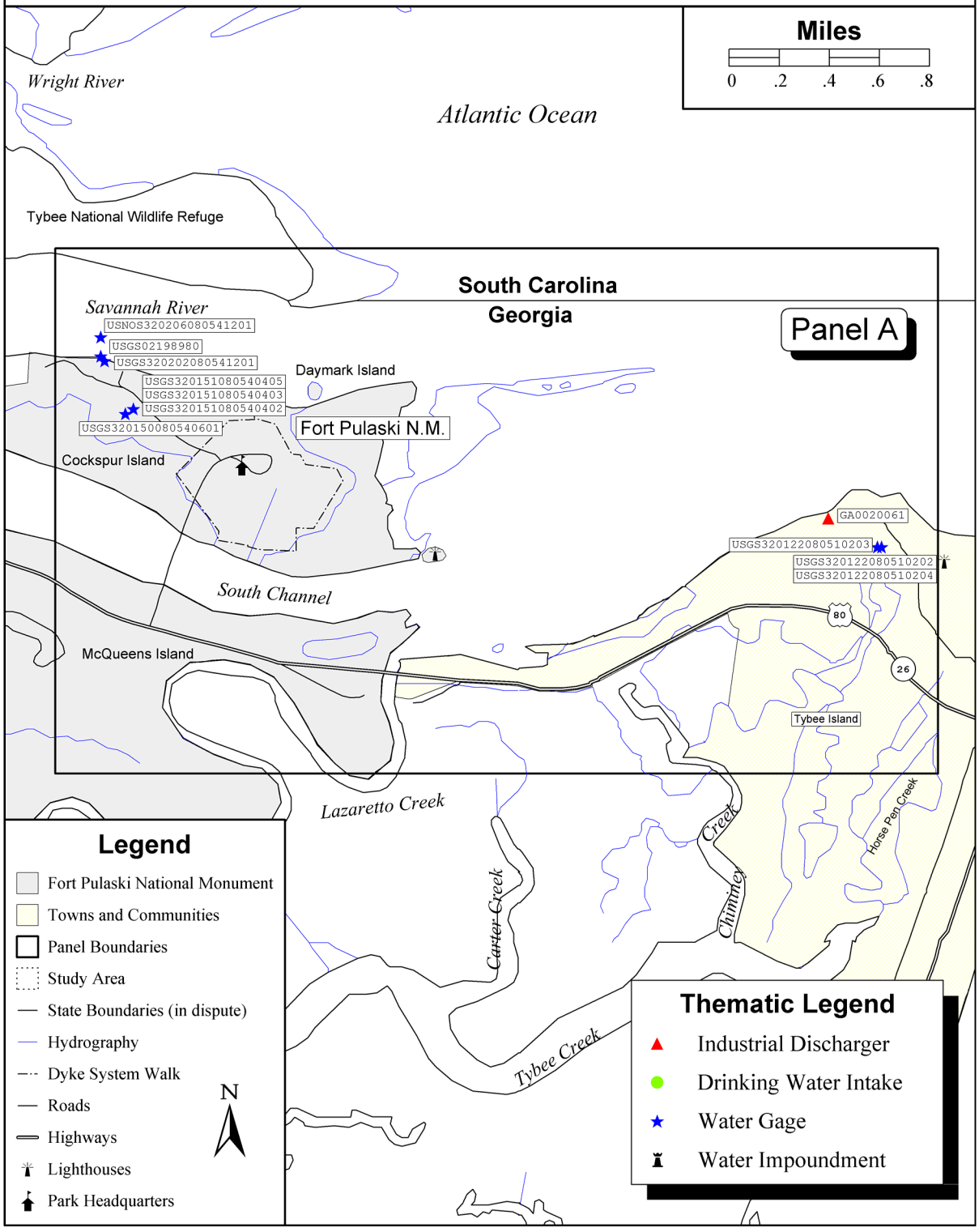
Dischargers, Drinking Intakes, Water Gages, & Water Impoundments

Graphic Panel Index



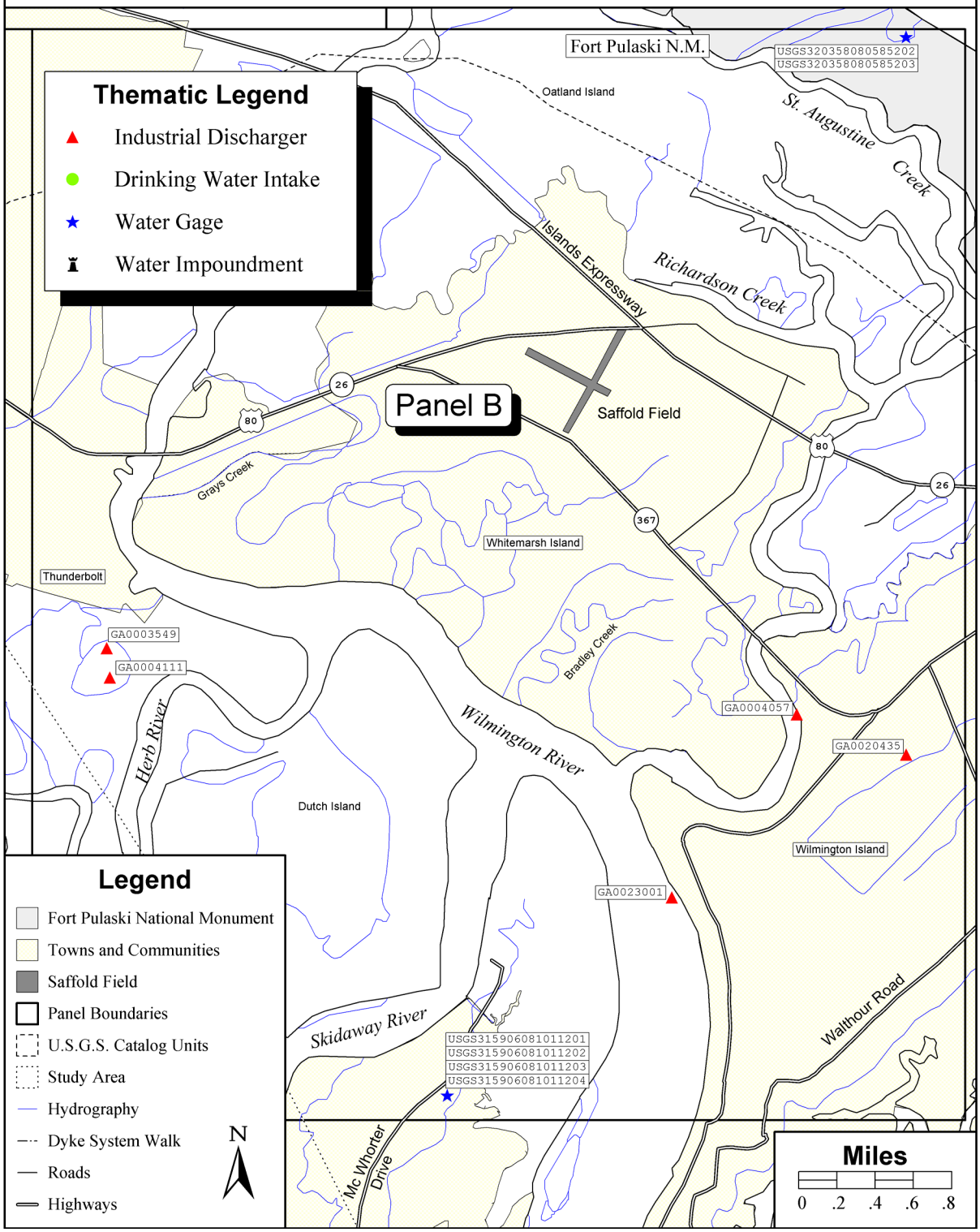
Fort Pulaski National Monument

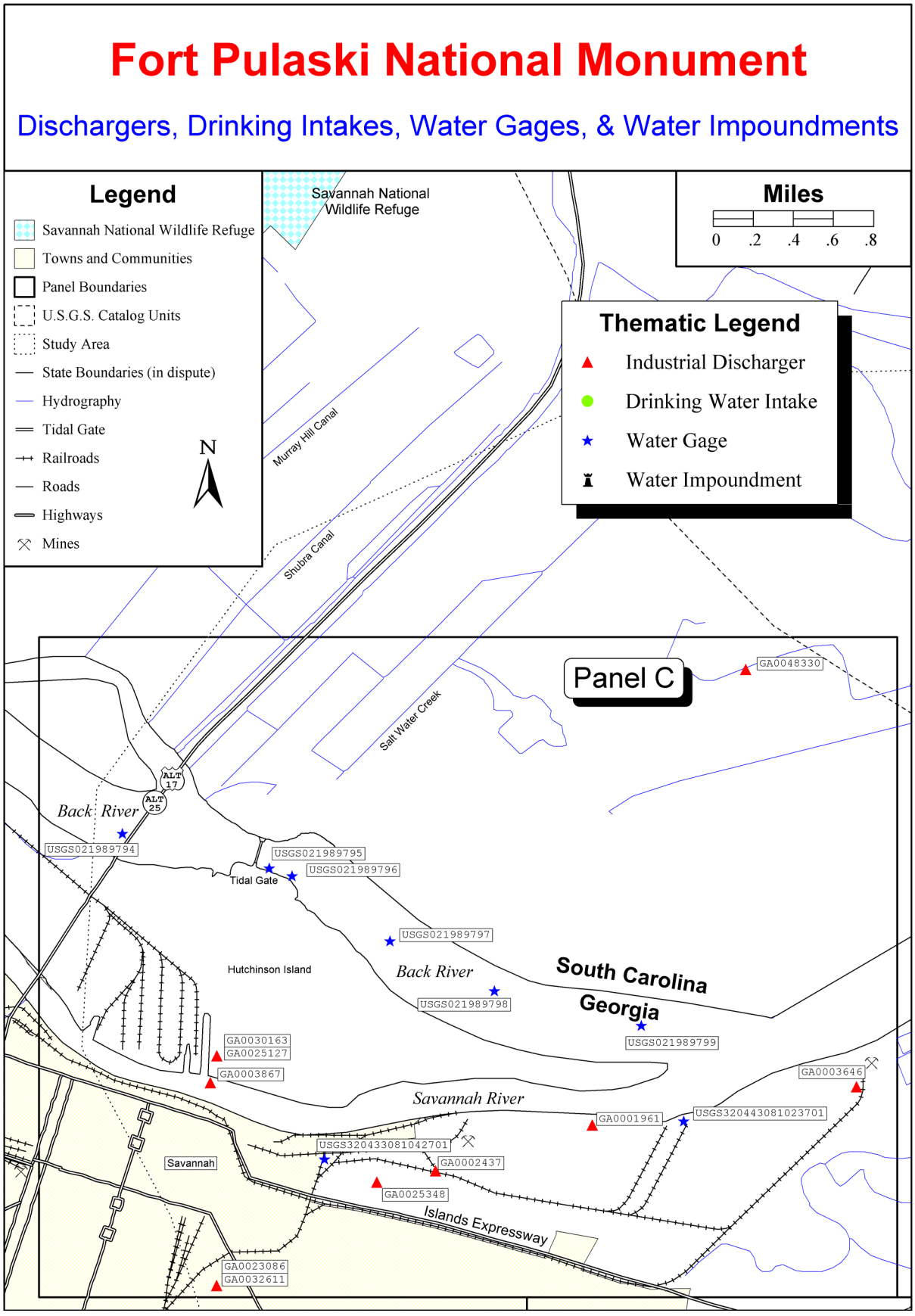
Dischargers, Drinking Intakes, Water Gages, & Water Impoundments



Fort Pulaski National Monument

Dischargers, Drinking Intakes, Water Gages, & Water Impoundments




Fort Pulaski National Monument
Dischargers, Drinking Intakes, Water Gages, & Water Impoundments
Legend
Savannah National Wildlife Refuge
Towns and Communities
Panel Boundaries
U.S.G.S. Catalog Units
Study Area
State Boundaries (in dispute)
Hydrography
Tidal Gate
Railroads
Roads
Highways
Mines
N
Miles
0 .2 .4 .6 .8
Thematic Legend
Industrial Discharger
Drinking Water Intake
Water Gage
Water Impoundment
Savannah National Wildlife Refuge
Murray Hill Canal
Shubra Canal
Salt Water Creek
Panel C
GA0048330
ALT 17
ALT 25
Back River
USGS021989794
USGS021989795
USGS021989796
Tidal Gate
USGS021989797
Hutchinson Island
Back River
South Carolina
Georgia
USGS021989798
USGS021989799
GA0030163
GA0025127
GA0003867
GA0003646
Savannah River
GA0001961
USGS320443081023701
USGS320433081042701
GA0002437
Savannah
GA0025348
Islands Expressway
GA0023086
GA0032611

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

Industrial Facility Discharges

Site ID	Station/Facility Name	Address	City	Facility Receiving Water Name
GA0001961	FLINTKOTE CO SAVANAH	P.O.BOX 1526	SAVANNAH	SAVANNAH RV
GA0002437	SO STATES PHOSP & FERT SAVANNA	SCL WHARF	.....	KAYTON CA
GA0003549	AMBOS SEAFOODS SAVANNAH	.....	THUNDERBOLT	WILMINGTON R
GA0003646	KEMIRA	P.O.BOX 368	SAVANNAH	SAVANNAH RV
GA0003867	SAVANNAH ELEC&PWR MAIN OFFICE	P.O.BOX 968	SAVANNAH	SAVANNAH RV
GA0004057	W O SASSER SEAFOOD SAVANNAH	RT 6	SAVANNAH	TURNERS C
GA0004111	SMITH SHRIMP CO THUNDERBOLT	.....	THUNDERBOLT	TURNERS C
GA0020061	TYBEE ISLAND	PO BOX 128	TYBEE ISLAND	SAVANNAH RV
GA0020435	SAVANNAH ISLANDWOOD STP	.....	SAVANNAH	BETZ C
GA0023001	COSTALSEWAGE CO SAVANNAH	GA RT 21	SAVANNAH	SWEIGOFFER C
GA0023086	GOSHEN UTIL CO SAVANNAH	.....	SAVANNAH	SPIRIT C
GA0025127	USA COE CLARK HILL LAKE RIDGE	P.O. BOX 889	SAVANNAH	CLARK HILL LAKE
GA0025348	SAVANNAH PRESIDENT ST. WPCP	1400 PRESIDENT STREET	SAVANNAH	KAYTON CANAL TO SAVANNAH RIVER
GA0030163	NASSAU WOODS MHP INTERSTATE UT	6605 ABERCORN ST	SAVANNAH	HORSESHOE CL
GA0032611	DUCTILE IRON CO OF AMERICA	CAROLAN ST	SAVANNAH	SAVANNAH R
GA0048330	UOP	P.O. BOX 3815	SAVANNAH	SAVANNAH RV

Drinking Water Intakes

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

No drinking water intakes available for this study area.

Water Gages

Site ID	Station Name	Site Type	Drainage Area (Square Miles)	Begin Year	End Year
USNOS320206080541201	FORT PULASKI SAVANNA	Estuary			
USGS021989797	BACK RIVER AT HUTCHINSON ISLAND AT SAVANNAH, GA	Stream			
USGS021989798	BACK RIVER AT FIG ISLAND AT SAVANNAH, GA	Stream			
USGS021989799	BACK RIVER AT MOUTH AT SAVANNAH, GA	Stream			
USGS02198980	SAVANNAH RIVER AT FORT PULASKI, GA.	Stream		1987	1995
USGS315906081011201	37P113	Well			
USGS315906081011202	37P114	Well			
USGS315906081011203	37P115	Well			
USGS315906081011204	37P116	Well			
USGS320122080510202	39Q017	Well			
USGS320122080510203	39Q018	Well			
USGS320122080510204	39Q003	Well			
USGS320150080540601	38Q201	Well			
USGS320151080540402	38Q195	Well			
USGS320151080540403	38Q196	Well			
USGS320151080540405	38Q198	Well			
USGS320202080541201	38Q002	Well			
USGS320358080585202	38Q199	Well			
USGS320358080585203	38Q200	Well			
USGS320433081042701	37Q016	Well			

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

Water Gages

Site ID	Station Name	Site Type	Drainage Area (Square Miles)	Begin Year	End Year
USGS320443081023701	37Q017	Well			
USGS021989794	BACK RIVER AT US HWY 17-A NR SAVANNAH, GA	Stream			
USGS021989795	BACK RIVER AT TIDAL GATE NR SAVANNAH, GA	Stream			
USGS021989796	BACK RIVER BELOW TIDAL GATE NR SAVANNAH, GA	Stream			

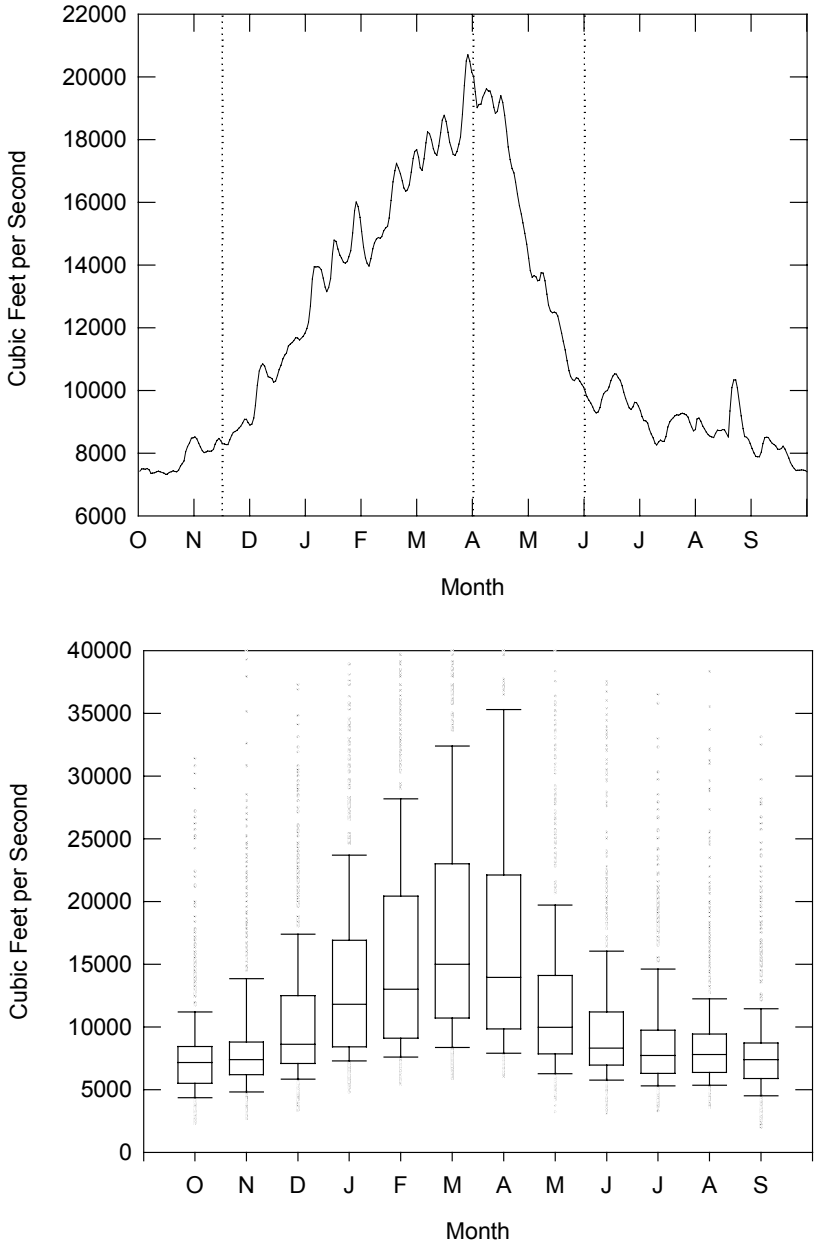
Water Impoundments

Site ID	Impoundment Name	Owner	Primary Purpose	Type of Dam	Downstream Hazard	Year Completed

No water impoundments available for this study area.

REPRESENTATIVE MEAN ANNUAL HYDROGRAPH FOR SEASONAL ANALYSIS

FORT PULASKI NATIONAL MONUMENT
Savannah River near Clyo, GA
02198500, 54 year record



Representative mean annual hydrograph (top) and distribution of daily flows by month (bottom) for hydrologic season determination. Box and whiskers represent a five number summary; bottom whisker cap is 10th percentile, bottom of box is 25th percentile, internal line is median, top of box is 75th percentile, and top whisker is 90th percentile. Hydrologic seasons for Fort Pulaski National Monument are: Jun. 1 to Nov. 14, Nov. 15 to Mar. 31, and Apr. 1 to May 31.

CONTACTS FOR AGENCY CODES RETRIEVED FOR FOPU

AGENCY	PRIMARY CONTACT NAME	ORGANIZATION	PHONE NUMBER(S)	
21GAEPD	PEACOCK, LISA	GA DEPT OF NAT RESOURCES	(404)651-5468	
11NPSWRD	TUCKER, DEAN	NATIONAL PARK SERVICE	(970)225-3516	(970)225-3518
1114GBL	HOELMAN, LOUIS	USEPA HQ	(202)260-7050	
1113S090	HENRY,BRUCE	USEPA REGION 4	(404)562-9246	
11EPAMW	HOELMAN, LOUIS	USEPA HQ	(202)260-7050	
11NATDC	HOELMAN, LOUIS	USEPA HQ	(202)260-7050	
112WRD	BRIGGS, JOHN	US GEOLOGICAL SURVEY	(703)648-5624	
22GAFWRU	VAN DEN AVYLE, MICHAEL	FSH AND WLDLF RESEARCH	(404)542-4833	
1113GAWQ	STORET USER ASSISTANCE	USEPA HQ	(202)260-7050	(800)424-9067
* DATA FOR 1113GAWQ HAS BEEN 'RETIRED' AT THE REQUEST OF STORET USER ASSISTANCE (703)883-8861 ON 03/14/86.				
1114PEST	HENRY,BRUCE	USEPA REGION 4	(404)562-9246	
1113MONA	HENRY,BRUCE	USEPA REGION 4	(404)562-9246	
32PHLANS	PATRICK, RUTH	PHIL ACADEMY OF NAT SCIEN	(215)299-1097	
21SC60WQ	CHESTNUT, DAVID	SC DEPT HEALTH & ENV CON	(803)898-4066	

QUANTITY OF DATA RETRIEVED FOR FOPU BY AGENCY CODE

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

Agency	Organization	Period of Record		Water Quality Stations		Longer Term[1] Stations		No Data Stations		Water Quality Observations		Water Quality Parameters	
		Study Area	Park Only	S.A.	Park	S.A.	Park	S.A.	Park	S.A.	Park	S.A.	Park
21GAEPD	GA DEPT OF NAT RESOURCES	02/15/68-12/10/98	09/16/70-05/03/93	16	1	11	1	5	0	47793	3472	309	83
11NPSWRD	NATIONAL PARK SERVICE	01/06/86-03/25/98	01/06/86-03/25/98	21	6	3	3	0	0	10917	1557	96	14
1114GBL	USEPA HQ	02/01/67-06/01/72	No Data in Park	2	0	2	0	0	0	2664	0	21	0
1113S090	USEPA REGION 4	No Data in S.A.	No Data in Park	37	1	0	0	37	1	0	0	0	0
11EPAMW	USEPA HQ	11/30/76-11/30/76	No Data in Park	1	0	0	0	0	0	14	0	14	0
11NATDC	USEPA HQ	No Data in S.A.	No Data in Park	1	0	0	0	1	0	0	0	0	0
112WRD	US GEOLOGICAL SURVEY	03/07/60-03/08/60	No Data in Park	1	0	0	0	0	0	75	0	25	0
22GAFWRU	FSH AND WLDLF RESEARCH	04/02/91-06/06/91	No Data in Park	1	0	0	0	0	0	174	0	3	0
1113GAWQ	USEPA HQ	07/07/71-12/15/71	07/07/71-12/15/71	7	1	0	0	0	0	136	38	16	13
1114PEST	USEPA REGION 4	03/15/89-11/14/89	No Data in Park	7	0	0	0	0	0	1290	0	4	0
1113MONA	USEPA REGION 4	09/25/69-07/04/75	No Data in Park	1	0	0	0	0	0	4766	0	5	0
32PHLANS	PHIL ACADEMY OF NAT SCIEN	04/09/90-10/25/90	No Data in Park	4	0	0	0	2	0	370	0	10	0
21SC60WQ	SC DEPT HEALTH & ENV CON	08/08/66-12/02/98	No Data in Park	7	0	0	0	0	0	6186	0	314	0
Totals		03/07/60-12/10/98	09/16/70-03/25/98	106	9	16	4	45	1	74385	5067	657	96

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

Station Period of Record Tabulation
From 03/07/60 To 12/10/98

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 12/10/98	01/01/75 to 12/31/84	Before 01/01/75
FOPU0001	WASSAW SOUND AT MOUTH OF TYBEE CREEK	No	0	0	0	0
FOPU0002	WASSAW SOUND IN WILMINGTON RIVER AT MARKER 15	No	0	0	0	0
FOPU0003	ROMERLY MARSH AT JOE'S CUT	No	7	7	0	0
FOPU0004[!]	WILMINGTON RIVER-SAVANNAH RIVER BASIN	No	1342	0	0	1342
FOPU0005	WILMINGTON R AT ENT TO WASSAW SD	No	0	0	0	0
FOPU0006	WASSAW SOUND AT ENTRANCE OF TYBEE INLET	No	0	0	0	0
FOPU0007[!]	WILMINGTON R. - NEAR SOUTHERN TIP OF CABBAGE I.	No	2977	655	1965	357
FOPU0008	WASSAW SOUND AT MOUTH OF HALF MOON CREEK	No	0	0	0	0
FOPU0009	WILMINGTON R OPPOSITE GROVES CR	No	0	0	0	0
FOPU0010	WILMINGTON R AT SAVANNAH GAS CO.	No	0	0	0	0
FOPU0011	HALFMOON R AT GREENS BOAT DOCK	No	0	0	0	0
FOPU0012	SAV. BEACH AT END OF 17TH STREET	No	0	0	0	0
FOPU0013	TYBEE CK AT PUBLIC BOAT DOCK	No	0	0	0	0
FOPU0014[!]	TYBEE CR. - NEAR SOUTHERN TIP OF TYBEE I.	No	3064	723	1990	351
FOPU0015	SOUTH JUNCTION OF LAZARETTO & OYSTER CREEK	No	289	289	0	0
FOPU0016	OYSTER CREEK AT LAZARETTO CREEK	No	4	4	0	0
FOPU0017	NORTH JUNCTION OF LAZARETTO & OYSTER CREEK	No	295	295	0	0
FOPU0018	WILMINGTON R OP EN TO SKDAWY NAR	No	0	0	0	0
FOPU0019	TURNERS CK AT CPTN. HELMEYS DOCK	No	0	0	0	0
FOPU0020	SAV. BEACH AT HWY 80& BUTLER AVE	No	0	0	0	0
FOPU0021	NORTH FORK OYSTER CREEK	Yes	238	238	0	0
FOPU0022	CUT OYSTER CREEK TO BULL RIVER	Yes	292	292	0	0
FOPU0023	SAVANNAH RIVER GEORGIA	No	14	0	14	0
FOPU0024	SAVANNAH R	No	0	0	0	0
FOPU0025	WILMINGTON R AT BRADLEY'S POINT	No	0	0	0	0
FOPU0026	BETZ CK AT WALTHOUR ROAD	No	0	0	0	0
FOPU0027[!]	LAZERETTA-CREEK	No	1322	0	0	1322
FOPU0028	WILMINGTON R OPP ENT TO HERB RIV	No	0	0	0	0
FOPU0029	SAV. BEACH 100 YDS W TYBEE STP	No	0	0	0	0
FOPU0030	S CHANL UPST OF BRD TO FT PULASK	No	0	0	0	0
FOPU0031	SOUTH CHANNEL OF SAVANNAH RIVER AT BRIDGE	Yes	42	42	0	0
FOPU0032[!]	SOUTH CHANNEL	Yes	118	118	0	0
FOPU0033	SAV. BEACH 100 YDS E TYBEE STP	No	0	0	0	0
FOPU0034[!]	MOAT SURROUNDING FORT PULASKI NM	Yes	510	510	0	0
FOPU0035[!]	FEEDER CANAL AT FORT PULASKI NM	Yes	357	357	0	0
FOPU0036	SAVANNAH RIVER AT NORTH PIER OF FORT PULASKI NM	No	44	44	0	0
FOPU0037[!]	SOUTH CHANNEL SAV.R. - OLD TOWER, COCKSPUR I.	Yes	3472	867	2235	370
FOPU0038	SAVANNAH RIVER AT FORT PULASKI, GA.	No	75	0	0	75
FOPU0039	BULL RIVER AT HIGHWAY 80	No	8	8	0	0
FOPU0040	WILMINGTON R AT US 80 BRIDGE	No	0	0	0	0
FOPU0041	WILMINGTON R AT SAVANNAH MARINA	No	0	0	0	0
FOPU0042	SAVANNAH R MID-CH NEAR BUOY R28	No	0	0	0	0
FOPU0043	SAVANNAH RIVER	No	174	174	0	0
FOPU0044	SAV. R. NEAR BOUY R 28	No	4	0	0	4
FOPU0045	TURNERS CK AT TUTTLE RESIDENCE	No	0	0	0	0
FOPU0046[!]	SAVANNAH R. - CROSSING RANGE NEAR BUOY R28	No	4967	1637	1964	1366
FOPU0047	CASEY CANAL AT VICTORY DRIVE	No	0	0	0	0
FOPU0048	SAVANNAH RIVER AT SOUTH CHANNEL AT BIRD ISLAND	No	1141	1141	0	0
FOPU0049	SAVANNAH RIVER AT BIRD ISLAND	No	1196	1196	0	0
FOPU0050	WILMINGTON R-GREENWICH CEMETERY	No	0	0	0	0
FOPU0051	SAVANNAH RIVER AT TURTLE ISLAND	No	1105	1105	0	0
FOPU0052	RICHARDSON CK-OATLAND ISLAND RD	No	0	0	0	0
FOPU0053	WILMINGTON R AT CAUSTON BLUFF	No	0	0	0	0
FOPU0054	MIDSTREAM JUST UPSTREAM OF MARKER 37 RM4.3	No	9	9	0	0
FOPU0055	SAVANNAH RIVER AT SOUTH CHANNEL AT BIRD ISLAND	No	2058	2058	0	0
FOPU0056	WILMINGTON R AT ISLAND BLVD BRDG	No	0	0	0	0
FOPU0057	WILMINGTON R BTW ST AUG & ELBA I	Yes	0	0	0	0
FOPU0058	SAV. R. AT ENTRANCE TO FIELD CUT	No	7	0	0	7
FOPU0059	WILMINGTON R. AT HABERSHAM CREEK	Yes	38	0	0	38
FOPU0060	SAVANNAH R OPPOSITE TO FIELD CUT	No	0	0	0	0
FOPU0061	S CHANL CENTER LINE OF ELBA ISLD	No	0	0	0	0
FOPU0062	MIDSTREAM JUST UPSTREAM OF MARKER 40-RM6.1	No	9	9	0	0
FOPU0063[!]	SAVANNAH R. - LOWER FLATS RANGE NEAR FIELDS CUT	No	6548	2842	2165	1541
FOPU0064[!]	HABERSHAM CR. - 150 FT UPSTREAM OF WILMINGTON R.	No	317	0	0	317
FOPU0065	WILMINGTON R ENT OF HABERSHAM CR	No	0	0	0	0
FOPU0066	HABERSHAM CR 150 FT FROM MOUTH	No	0	0	0	0
FOPU0067[!]	WILMINGTON RIVER - MOUTH OF HABERSHAM CR.	No	741	0	0	741
FOPU0068	SAVANNAH RIVER AT NW SIDE MCQUEENS ISLAND	No	1721	1721	0	0
FOPU0069	WILMINGTON R DNST OF SOUTH CHANL	No	0	0	0	0
FOPU0070	MIDSTREAM AT CHANNEL MARKER 62 RM13.6	No	1236	1236	0	0
FOPU0071	WILMINGTON RIVER AT THE SAVANNAH RIVER	No	10	10	0	0

Station Period of Record Tabulation
From 03/07/60 To 12/10/98

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 12/10/98	01/01/75 to 12/31/84	Before 01/01/75
FOPU0072	S CHANL OPP ENT TO WILMINGTON RI	No	0	0	0	0
FOPU0073	MIDSTREAM ACROSS FM SPANKS AND PARK PIER RM14.3	No	9	9	0	0
FOPU0074	S CHANL 2.8 MI UPST FROM SR-3055	No	0	0	0	0
FOPU0075	SAVANNAH R HUTCHINSON IS. BELOW EXCAVATED HULL	No	210	210	0	0
FOPU0076	SAVANNAH R AT FT JACKSON SAV.,GA	No	4766	0	1116	3650
FOPU0077	SAV. R. AT SAVANNAH CITY HALL	No	15	0	0	15
FOPU0078	SAVANNAH RIVER	No	210	210	0	0
FOPU0079	MIDSTREAM ACROSS FROM FORT JACKSON RM11.4	No	9	9	0	0
FOPU0080[!]	SAVANNAH RIVER - SAVANNAH CITY HALL	No	5605	1859	2203	1543
FOPU0081	BLOODY POINT AT MUNGEN CREEK	No	1276	747	373	156
FOPU0082	WRIGHT RIVER AT MARKER #43	No	1183	641	400	142
FOPU0083	SAVANNAH R OPP OF SAV CITY HALL	No	0	0	0	0
FOPU0084	NEW RIVER AT WALLS CUT	No	427	427	0	0
FOPU0085	SAVANNAH R HUTCHINSON IS. ABANDONED BOAT SLIP	No	1266	1266	0	0
FOPU0086	SAVANNAH R MAIN CH AT FR JACKSON	No	0	0	0	0
FOPU0087	SAV. R. NEAR FORT JACKSON	No	15	0	0	15
FOPU0088	SAVANNAH R. OPPOSITE COAST GUARD STATION	No	1104	1104	0	0
FOPU0089[!]	SAVANNAH RIVER - FORT JACKSON	No	13052	5952	5845	1255
FOPU0090	SAVANNAH R N OF NAVIGATION CHANL	No	0	0	0	0
FOPU0091	SAV. R. AT MO. OF SOUTH CHANNEL	No	6	0	0	6
FOPU0092[!]	SAVANNAH RIVER - MOUTH OF BACK RIVER	No	1285	0	0	1285
FOPU0093	SAVANNAH RIVER _7L	No	0	0	0	0
FOPU0094	SAVANNAH RIVER 7R	No	0	0	0	0
FOPU0095	SAV. R. AT MOUTH OF BACK RIVER	No	51	0	0	51
FOPU0096	SAVANNAH RIVER - AMERICAN CYANAMID CO.	No	0	0	0	0
FOPU0097	BACK RIVER 1/4 MILE SOUTH OF TIDE GATE	No	9	9	0	0
FOPU0098	WRIGHT RIVER AT FIELDS CUT	No	462	462	0	0
FOPU0099	SAVANNAH R OPP ENTR TO S CHANNEL	No	0	0	0	0
FOPU0100	COOPER RIVER AT MARKER #41 - DAUFUSKIE ISLAND	No	1155	641	372	142
FOPU0101[!]	SAVANNAH RIVER - ENTRANCE TO SOUTH CHANNEL	No	5765	1904	2328	1533
FOPU0102	UP WRIGHT RVR 1.5MI FROM FIELDS CUT	No	579	579	0	0
FOPU0103	SAVANNAH RIVER AT THE TIDE GATE	No	6	6	0	0
FOPU0104	BACK R AT TALMADGE BRIDGE	No	0	0	0	0
FOPU0105	SAVANNAH RIVER	No	160	160	0	0
FOPU0106	MIDSTREAM BETWEEN MARKERS 46 AND 48-RM9.0	No	9	9	0	0

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

Parameter Period of Record Tabulation
From 03/07/60 To 12/10/98

Parameter Code	Name	Total Obs	01/01/85 to 12/10/98	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	3644	1512	1379	753	17	2
00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	3221	1229	1620	372	18	2
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	5014	2559	1524	931	36	7
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	681	0	279	402	1	0
00016	TEMP. DIFFERENCE BETWEEN SAMPLE AND UPSTREAM PT.	4	0	4	0	2	0
00019	SAMPLE WEIGHT IN GRAMS	1	1	0	0	1	0
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	3221	1544	1521	156	18	1
00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	3176	1138	1619	419	12	1
00030	LIGHT, INCIDENT, SUNLIGHT RADIATION INTENSITY	1	1	0	0	1	0
00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	696	498	142	56	6	0
00039	SAMPLE LENGTH IN MILLIMETERS	1	1	0	0	1	0
00041	WEATHER (WMO CODE 4501)	697	498	140	59	6	0
00060	FLOW, STREAM, MEAN DAILY CFS	1833	0	0	1833	2	0
00065	STAGE, STREAM (FEET)	227	2	129	96	8	0
00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	697	498	143	56	6	0
00068	DEPTH, MAXIMUM, OF SAMPLE (FEET)	124	124	0	0	3	0
00070	TURBIDITY, (JACKSON CANDLE UNITS)	28	0	28	0	4	0
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	703	153	306	244	10	1
00077	TRANSPARENCY, SECCHI DISC (INCHES)	51	51	0	0	1	1
00078	TRANSPARENCY, SECCHI DISC (METERS)	80	79	1	0	4	1
00080	COLOR (PLATINUM-COBALT UNITS)	1065	396	532	137	10	1
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	271	0	236	35	3	1
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	2715	1192	1205	318	12	1
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	2276	407	876	993	17	2
00098	SAMPLING STATION LOCATION VERTICAL (METERS)	86	86	0	0	3	1
00300	OXYGEN, DISSOLVED MG/L	4770	1636	1656	1478	25	4
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	66	66	0	0	2	0
00310	BOD, 5 DAY, 20 DEG C MG/L	1808	402	515	891	15	2
00312	BOD, 6 DAY, 20 DEG C MG/L	7	7	0	0	2	0
00324	BOD, 20 DAY, 20 DEG C MG/L	8	8	0	0	1	0
00335	COD, .025N K2CR2O7 MG/L	44	44	0	0	1	0
00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	10	5	4	1	1	0
00400	PH (STANDARD UNITS)	3158	1107	1502	549	16	2
00403	PH, LAB, STANDARD UNITS SU	1852	405	539	908	18	2
00405	CARBON DIOXIDE (MG/L AS CO2)	122	119	0	3	4	3
00406	PH, FIELD, STANDARD UNITS SU	119	119	0	0	3	3
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	1756	403	519	834	14	2
00440	BICARBONATE ION (MG/L AS HCO3)	3	0	0	3	1	0
00445	CARBONATE ION (MG/L AS CO3)	3	0	0	3	1	0
00480	SALINITY - PARTS PER THOUSAND	3282	2014	1123	145	31	4
00500	RESIDUE, TOTAL (MG/L)	344	47	257	40	3	1
00505	RESIDUE, TOTAL VOLATILE (MG/L)	240	0	0	240	6	0
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	14	0	0	14	5	1
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	1681	316	537	828	14	2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	993	407	511	75	11	1
00612	AMMONIA, UNIONZED (MG/L AS N)	8	8	0	0	1	0
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	119	119	0	0	3	3
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	3	0	0	3	1	0
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	119	119	0	0	3	3
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	264	212	52	0	5	1
00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	1	0	0	1	1	0
00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	301	301	0	0	7	0
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	1004	410	520	74	12	1
00665	PHOSPHORUS, TOTAL (MG/L AS P)	997	408	515	74	11	1
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	14	14	0	0	3	1
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	301	301	0	0	7	0
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	1002	311	475	216	14	1
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	2	2	0	0	1	0
00721	CYANIDE IN BOTTOM DEPOSITS (MG/KG AS CN DRY WGT)	2	2	0	0	1	0
00900	HARDNESS, TOTAL (MG/L AS CACO3)	25	0	12	13	4	1
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	3	0	0	3	1	0
00915	CALCIUM, DISSOLVED (MG/L AS CA)	3	0	0	3	1	0
00916	CALCIUM, TOTAL (MG/L AS CA)	3	2	0	1	1	0
00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	2	2	0	0	1	0
00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	2	2	0	0	1	0
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	3	0	0	3	1	0
00927	MAGNESIUM, TOTAL (MG/L AS MG)	4	2	0	2	2	1
00929	SODIUM, TOTAL (MG/L AS NA)	3	2	0	1	1	0
00930	SODIUM, DISSOLVED (MG/L AS NA)	6	0	0	6	2	1
00931	SODIUM ADSORPTION RATIO	3	0	0	3	1	0
00932	SODIUM, PERCENT	3	0	0	3	1	0

Parameter Period of Record Tabulation
From 03/07/60 To 12/10/98

Parameter Code	Name	Total Obs	01/01/85 to 12/10/98	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
00934	SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	2	2	0	0	1	0
00935	POTASSIUM, DISSOLVED (MG/L AS K)	3	0	0	3	1	0
00937	POTASSIUM, TOTAL MG/L AS K)	3	2	0	1	1	0
00938	POTASSIUM IN BOTTOM DEPOSITS (MG/KG AS K DRY WGT)	2	2	0	0	1	0
00940	CHLORIDE,TOTAL IN WATER MG/L	1711	310	527	874	14	2
00945	SULFATE, TOTAL (MG/L AS SO4)	31	27	0	4	6	1
00950	FLUORIDE, DISSOLVED (MG/L AS F)	3	0	0	3	1	0
00951	FLUORIDE, TOTAL (MG/L AS F)	28	28	0	0	2	0
00955	SILICA, DISSOLVED (MG/L AS SI02)	3	0	0	3	1	0
01002	ARSENIC, TOTAL (UG/L AS AS)	15	9	5	1	4	1
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	314	309	5	0	11	1
01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	8	8	0	0	1	1
01007	BARIUM, TOTAL (UG/L AS BA)	2	2	0	0	1	0
01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	2	2	0	0	1	0
01012	BERYLLIUM, TOTAL (UG/L AS BE)	2	2	0	0	1	0
01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	2	2	0	0	1	0
01027	CADMIUM, TOTAL (UG/L AS CD)	16	9	5	2	4	1
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	319	313	5	1	12	1
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	323	313	9	1	13	1
01034	CHROMIUM, TOTAL (UG/L AS CR)	17	9	7	1	5	1
01037	COBALT, TOTAL (UG/L AS CO)	2	2	0	0	1	0
01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	2	2	0	0	1	0
01042	COPPER, TOTAL (UG/L AS CU)	15	9	5	1	4	1
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	319	313	5	1	12	1
01045	IRON, TOTAL (UG/L AS FE)	63	2	2	59	4	0
01046	IRON, DISSOLVED (UG/L AS FE)	3	0	0	3	1	0
01051	LEAD, TOTAL (UG/L AS PB)	15	9	5	1	4	1
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	319	313	5	1	12	1
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	309	308	0	1	12	1
01055	MANGANESE, TOTAL (UG/L AS MN)	4	2	0	2	1	0
01059	THALLIUM, TOTAL (UG/L AS TL)	2	2	0	0	1	0
01067	NICKEL, TOTAL (UG/L AS NI)	5	2	2	1	2	0
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	315	310	4	1	13	1
01069	NICKEL, TOTAL IN FISH OR ANIMALS-WET WEIGHT MG/KG	8	7	1	0	2	0
01077	SILVER, TOTAL (UG/L AS AG)	3	2	0	1	1	0
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	303	303	0	0	8	0
01087	VANADIUM, TOTAL (UG/L AS V)	2	2	0	0	1	0
01088	VANADIUM IN BOTTOM DEPOSITS (MG/KG AS V DRY WGT)	2	2	0	0	1	0
01092	ZINC, TOTAL (UG/L AS ZN)	15	9	5	1	4	1
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	18	12	5	1	5	1
01097	ANTIMONY, TOTAL (UG/L AS SB)	2	2	0	0	1	0
01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	303	303	0	0	8	0
01102	TIN, TOTAL (UG/L AS SN)	2	2	0	0	1	0
01103	TIN IN BOTTOM DEPOSITS (MG/KG AS SN DRY WGT)	305	305	0	0	10	1
01105	ALUMINUM, TOTAL (UG/L AS AL)	2	2	0	0	1	0
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	303	303	0	0	8	0
01144	SILICON IN BOTTOM DEPOSITS (MG/KG AS SI DRY WGT)	301	301	0	0	7	0
01147	SELENIUM, TOTAL (UG/L AS SE)	2	2	0	0	1	0
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	139	139	0	0	7	0
01152	TITANIUM, TOTAL (UG/L AS TI)	2	2	0	0	1	0
01153	TITANIUM IN BOTTOM DEPOSITS (MG/KG AS TI DRY WGT)	2	2	0	0	1	0
01157	ZINC, TOTAL IN BOTTOM DEPOSITS (MG/KG AS ZN)	301	301	0	0	7	0
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	307	303	4	0	9	0
01340	FISH, DEAD (SEVERITY)	3	0	3	0	2	0
01361	SAMPLE LENGTH-MAXIMUM CM	2	2	0	0	1	0
01362	SAMPLE WEIGHT-MAXIMUM G	2	2	0	0	1	0
01370	SAMPLE, INDIVID BIOLOGICAL TISS MIN.WT.COMP. GRAMS	2	2	0	0	1	0
01371	SAMPLE, AVERAGE LENGTH BIOLOGICAL TISS.COMP. CM	2	2	0	0	1	0
01372	SAMPLE,INDIVID BIOLOGICAL TISS.MIN.LENGTH CM	2	2	0	0	1	0
01373	SAMPLE, AVG WT BIOLOGICAL TISS OF COMPOSITE GRAMS	2	2	0	0	1	0
04124	TRITIUM, TOTAL, WATER PCI/ML	47	47	0	0	7	1
04354	YEAR SED CORE SAMPLE DEPOSTION,LEAD-210 MTHD YR	44	44	0	0	3	0
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	695	56	373	266	14	2
31520	COLIFORM,TOT,MPN,IN SHELLFISH,CONFIRMED TEST,35C	3	0	3	0	2	0
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	375	375	0	0	5	2
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	1871	782	545	544	16	1
31640	FECAL COLIFORM,MPN,IN SHELLFISH,EC MED,44.5C	3	0	3	0	2	0
31749	PLATE COUNT, TOTAL, TPC AGAR, 20C, 48 HRS	3	0	3	0	2	0
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	2	2	0	0	1	0
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	2	2	0	0	1	0
32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	2	2	0	0	1	0

Parameter Period of Record Tabulation
From 03/07/60 To 12/10/98

Parameter Code	Name	Total Obs	01/01/85 to 12/10/98	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
32104	BROMOFORM,WHOLE WATER,UG/L	2	2	0	0	1	0
32106	CHLOROFORM,WHOLE WATER,UG/L	2	2	0	0	1	0
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	35	35	0	0	3	1
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	2	2	0	0	1	0
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	2	2	0	0	1	0
34200	ACENAPHTHYLENE TOTWUG/L	2	2	0	0	1	0
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	45	45	0	0	4	0
34204	ACENAPHTHYLENE WET WGTTISMG/KG	5	5	0	0	1	0
34205	ACENAPHTHENE TOTWUG/L	2	2	0	0	1	0
34208	ACENAPHTHENE DRY WGTBOTUG/KG	46	46	0	0	4	0
34209	ACENAPHTHENE WET WGTTISMG/KG	5	5	0	0	1	0
34210	ACROLEIN TOTWUG/L	1	1	0	0	1	0
34215	ACRYLONITRILE TOTWUG/L	1	1	0	0	1	0
34220	ANTHRACENE TOTWUG/L	2	2	0	0	1	0
34223	ANTHRACENE DRY WGTBOTUG/KG	46	46	0	0	4	0
34224	ANTHRACENE WET WGTTISMG/KG	3	3	0	0	1	0
34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	2	2	0	0	1	0
34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	46	46	0	0	4	0
34234	BENZO(B)FLUORANTHENE,TISSUE,WET WGT,MG/KG	5	5	0	0	1	0
34237	BENZENE DRY WGTBOTUG/KG	4	4	0	0	1	0
34238	BENZENE WET WGTTISMG/KG	5	5	0	0	1	0
34241	BENZIDINE WET WGTTISMG/KG	1	1	0	0	1	0
34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	2	2	0	0	1	0
34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	46	46	0	0	4	0
34246	BENZO(K)FLUORANTHENE, WET WT, TISSUE MG/KG	5	5	0	0	1	0
34247	BENZO-A-PYRENE TOTWUG/L	2	2	0	0	1	0
34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	46	46	0	0	4	0
34251	BENZO-A-PYRENE WET WGTTISMG/KG	5	5	0	0	1	0
34252	BERYLLIUM WET WGTTISMG/KG	1	1	0	0	1	0
34257	B-BHC-BETA DRY WGTBOTUG/KG	13	9	4	0	2	0
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	2	2	0	0	1	0
34262	DELTA BENZENE HEXACHLORIDE DRY WGTBOTUG/KG	2	2	0	0	1	0
34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	2	2	0	0	1	0
34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	4	4	0	0	1	0
34277	BIS (2-CHLOROETHYL) ETHER WET WGTTISMG/KG	3	3	0	0	1	0
34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	2	2	0	0	1	0
34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	4	4	0	0	1	0
34282	BIS (2-CHLOROETHOXY) METHANE WET WGTTISMG/KG	3	3	0	0	1	0
34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	2	2	0	0	1	0
34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	4	4	0	0	1	0
34287	BIS (2-CHLOROISOPROPYL) ETHER WET WGTTISMG/KG	3	3	0	0	1	0
34290	BROMOFORM DRY WGTBOTUG/KG	4	4	0	0	1	0
34291	BROMOFORM WET WGTTISMG/KG	5	5	0	0	1	0
34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	2	2	0	0	1	0
34299	CARBON TETRACHLORIDE DRY WGTBOTUG/KG	4	4	0	0	1	0
34300	CARBON TETRACHLORIDE WET WGTTISMG/KG	5	5	0	0	1	0
34301	CHLOROBENZENE TOTWUG/L	3	3	0	0	2	0
34304	CHLOROBENZENE DRY WGTBOTUG/KG	3	3	0	0	1	0
34305	CHLOROBENZENE WET WGTTISMG/KG	5	5	0	0	1	0
34306	CHLORODIBROMOMETHANE TOTWUG/L	2	2	0	0	1	0
34310	CHLORODIBROMOMETHANE WET WGTTISMG/KG	5	5	0	0	1	0
34311	CHLOROETHANE TOTWUG/L	2	2	0	0	1	0
34314	CHLOROETHANE DRY WGTBOTUG/KG	4	4	0	0	1	0
34315	CHLOROETHANE WET WGTTISMG/KG	5	5	0	0	1	0
34318	CHLOROFORM DRY WGTBOTUG/KG	4	4	0	0	1	0
34319	CHLOROFORM WET WGTTISMG/KG	5	5	0	0	1	0
34320	CHRYSENE TOTWUG/L	2	2	0	0	1	0
34323	CHRYSENE DRY WGTBOTUG/KG	46	46	0	0	4	0
34324	CHRYSENE WET WGTTISMG/KG	5	5	0	0	1	0
34330	DICHLOROBROMOMETHANE DRY WGTBOTUG/KG	4	4	0	0	1	0
34331	DICHLOROBROMOMETHANE WET WGTTISMG/KG	5	5	0	0	1	0
34336	DIETHYL PHTHALATE TOTWUG/L	2	2	0	0	1	0
34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	4	4	0	0	1	0
34340	DIETHYL PHTHALATE WET WGTTISMG/KG	3	3	0	0	1	0
34341	DIMETHYL PHTHALATE TOTWUG/L	2	2	0	0	1	0
34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	4	4	0	0	1	0
34345	DIMETHYL PHTHALATE WET WGTTISMG/KG	3	3	0	0	1	0
34351	ENDOSULFAN SULFATE TOTWUG/L	2	2	0	0	1	0
34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	5	5	0	0	2	0
34355	ENDOSULFAN SULFATE WET WGTTISMG/KG	2	2	0	0	1	0
34356	ENDOSULFAN, BETA TOTWUG/L	2	2	0	0	1	0

Parameter Period of Record Tabulation
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Parameter Code	Name	Total Obs	01/01/85 to 12/10/98	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	5	5	0	0	2	0
34360	ENDOSULFAN, BETA WET WGTTISMG/KG	2	2	0	0	1	0
34361	ENDOSULFAN, ALPHA TOTWUG/L	2	2	0	0	1	0
34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	5	5	0	0	2	0
34365	ENDOSULFAN, ALPHA WET WGTTISMG/KG	2	2	0	0	1	0
34366	ENDRIN ALDEHYDE TOTWUG/L	2	2	0	0	1	0
34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	5	5	0	0	2	0
34370	ENDRIN ALDEHYDE WET WGTTISMG/KG	2	2	0	0	1	0
34371	ETHYLBENZENE TOTWUG/L	2	2	0	0	1	0
34374	ETHYLBENZENE DRY WGTBOTUG/KG	4	4	0	0	1	0
34375	ETHYLBENZENE WET WGTTISMG/KG	5	5	0	0	1	0
34376	FLUORANTHENE TOTWUG/L	2	2	0	0	1	0
34379	FLUORANTHENE DRY WGTBOTUG/KG	46	46	0	0	4	0
34380	FLUORANTHENE WET WGTTISMG/KG	5	5	0	0	1	0
34381	FLUORENE TOTWUG/L	2	2	0	0	1	0
34384	FLUORENE DRY WGTBOTUG/KG	46	46	0	0	4	0
34385	FLUORENE WET WGTTISMG/KG	5	5	0	0	1	0
34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	2	2	0	0	1	0
34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	4	4	0	0	1	0
34390	HEXACHLOROCYCLOPENTADIENE WET WGTTISMG/KG	3	3	0	0	1	0
34395	HEXACHLOROBUTADIENE WET WGTTISMG/KG	3	3	0	0	1	0
34396	HEXACHLOROETHANE TOTWUG/L	2	2	0	0	1	0
34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	4	4	0	0	1	0
34400	HEXACHLOROETHANE WET WGTTISMG/KG	3	3	0	0	1	0
34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	2	2	0	0	1	0
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	46	46	0	0	4	0
34407	INDENO (1,2,3-CD) PYRENE WET WGTTISMG/KG	5	5	0	0	1	0
34408	ISOPHORONE TOTWUG/L	2	2	0	0	1	0
34411	ISOPHORONE DRY WGTBOTUG/KG	4	4	0	0	1	0
34412	ISOPHORONE WET WGTTISMG/KG	3	3	0	0	1	0
34413	METHYL BROMIDE TOTWUG/L	2	2	0	0	1	0
34418	METHYL CHLORIDE TOTWUG/L	2	2	0	0	1	0
34423	METHYLENE CHLORIDE TOTWUG/L	2	2	0	0	1	0
34426	METHYLENE CHLORIDE DRY WGTBOTUG/KG	4	4	0	0	1	0
34427	METHYLENE CHLORIDE WET WGTTISMG/KG	5	5	0	0	1	0
34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	2	2	0	0	1	0
34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	4	4	0	0	1	0
34432	N-NITROSODI-N-PROPYLAMINE WET WGTTISMG/KG	3	3	0	0	1	0
34433	N-NITROSODIPHENYLAMINE TOTWUG/L	2	2	0	0	1	0
34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	4	4	0	0	1	0
34437	N-NITROSODIPHENYLAMINE WET WGTTISMG/KG	3	3	0	0	1	0
34438	N-NITROSODIMETHYLAMINE TOTWUG/L	2	2	0	0	1	0
34441	N-NITROSODIMETHYLAMINE DRY WGTBOTUG/KG	4	4	0	0	1	0
34442	N-NITROSODIMETHYLAMINE WET WGTTISMG/KG	3	3	0	0	1	0
34445	NAPHTHALENE DRY WGTBOTUG/KG	46	46	0	0	4	0
34446	NAPHTHALENE WET WGTTISMG/KG	5	5	0	0	1	0
34447	NITROBENZENE TOTWUG/L	2	2	0	0	1	0
34450	NITROBENZENE DRY WGTBOTUG/KG	4	4	0	0	1	0
34451	NITROBENZENE WET WGTTISMG/KG	3	3	0	0	1	0
34452	PARACHLOROMETA CRESOL TOTWUG/L	2	2	0	0	1	0
34456	PARACHLOROMETA CRESOL WET WGTTISMG/KG	3	3	0	0	1	0
34461	PHENANTHRENE TOTWUG/L	2	2	0	0	1	0
34464	PHENANTHRENE DRY WGTBOTUG/KG	46	46	0	0	4	0
34465	PHENANTHRENE WET WGTTISMG/KG	5	5	0	0	1	0
34468	PHENOL WET WGTTISMG/KG	3	3	0	0	1	0
34469	PYRENE TOTWUG/L	2	2	0	0	1	0
34472	PYRENE DRY WGTBOTUG/KG	46	46	0	0	4	0
34473	PYRENE WET WGTTISMG/KG	5	5	0	0	1	0
34474	SILVER WET WGTTISMG/KG	1	1	0	0	1	0
34475	TETRACHLOROETHYLENE TOTWUG/L	2	2	0	0	1	0
34478	TETRACHLOROETHYLENE DRY WGTBOTUG/KG	4	4	0	0	1	0
34479	TETRACHLOROETHYLENE WET WGTTISMG/KG	5	5	0	0	1	0
34480	THALLIUM DRY WGTBOTMG/KG	2	2	0	0	1	0
34483	TOLUENE DRY WGTBOTUG/KG	4	4	0	0	1	0
34484	TOLUENE WET WGTTISMG/KG	5	5	0	0	1	0
34487	TRICHLOROETHYLENE DRY WGTBOTUG/KG	4	4	0	0	1	0
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	2	2	0	0	1	0
34491	TRICHLOROFLUOROMETHANE DRY WGTBOTUG/KG	4	4	0	0	1	0
34492	TRICHLOROFLUOROMETHANE WET WGTTISMG/KG	5	5	0	0	1	0
34495	VINYL CHLORIDE DRY WGTBOTUG/KG	4	4	0	0	1	0
34496	1,1-DICHLOROETHANE TOTWUG/L	2	2	0	0	1	0

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Parameter Code	Name	Total Obs	01/01/85 to 12/10/98	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
34499	1,1-DICHLOROETHANE DRY WGTBOTUG/KG	4	4	0	0	1	0
34500	1,1-DICHLOROETHANE WET WGTTISMG/KG	5	5	0	0	1	0
34501	1,1-DICHLOROETHYLENE TOTWUG/L	2	2	0	0	1	0
34504	1,1-DICHLOROETHYLENE DRY WGTBOTUG/KG	4	4	0	0	1	0
34505	1,1-DICHLOROETHYLENE WET WGTTISMG/KG	5	5	0	0	1	0
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	2	2	0	0	1	0
34509	1,1,1-TRICHLOROETHANE DRY WGTBOTUG/KG	4	4	0	0	1	0
34510	1,1,1-TRICHLOROETHANE WET WGTTISMG/KG	5	5	0	0	1	0
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	2	2	0	0	1	0
34514	1,1,2-TRICHLOROETHANE DRY WGTBOTUG/KG	4	4	0	0	1	0
34515	1,1,2-TRICHLOROETHANE WET WGTTISMG/KG	5	5	0	0	1	0
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	2	2	0	0	1	0
34519	1,1,2,2-TETRACHLOROETHANE DRY WGTBOTUG/KG	4	4	0	0	1	0
34520	1,1,2,2-TETRACHLOROETHANE WET WGTTISMG/KG	5	5	0	0	1	0
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	2	2	0	0	1	0
34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	45	45	0	0	4	0
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	2	2	0	0	1	0
34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	46	46	0	0	4	0
34530	BENZO(A)ANTHRACENE1,2-BENZANTHRACENWET WGTTISMG/KG	5	5	0	0	1	0
34534	1,2-DICHLOROETHANE DRY WGTBOTUG/KG	4	4	0	0	1	0
34535	1,2-DICHLOROETHANE WET WGTTISMG/KG	5	5	0	0	1	0
34536	1,2-DICHLOROBENZENE TOTWUG/L	2	2	0	0	1	0
34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	4	4	0	0	1	0
34540	1,2-DICHLOROBENZENE WET WGTTISMG/KG	5	5	0	0	1	0
34541	1,2-DICHLOROPROPANE TOTWUG/L	2	2	0	0	1	0
34544	1,2-DICHLOROPROPANE DRY WGTBOTUG/KG	4	4	0	0	1	0
34545	1,2-DICHLOROPROPANE WET WGTTISMG/KG	5	5	0	0	1	0
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	2	2	0	0	1	0
34549	TRANS-1,2-DICHLOROETHENE, IN SED. DRY WT. UG/KG	4	4	0	0	1	0
34550	TRANS-1,2-DICHLOROETHENE, IN TISSUE, WET WT. MG/KG	5	5	0	0	1	0
34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	2	2	0	0	1	0
34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	4	4	0	0	1	0
34555	1,2,4-TRICHLOROBENZENE WET WGTTISMG/KG	3	3	0	0	1	0
34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	2	2	0	0	1	0
34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	45	45	0	0	4	0
34560	1,2,5,6-DIBENZANTHRACENE WET WGTTISMG/KG	2	2	0	0	1	0
34566	1,3-DICHLOROBENZENE TOTWUG/L	2	2	0	0	1	0
34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	4	4	0	0	1	0
34570	1,3-DICHLOROBENZENE WET WGTTISMG/KG	5	5	0	0	1	0
34571	1,4-DICHLOROBENZENE TOTWUG/L	2	2	0	0	1	0
34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	4	4	0	0	1	0
34575	1,4-DICHLOROBENZENE WET WGTTISMG/KG	5	5	0	0	1	0
34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	1	1	0	0	1	0
34579	2-CHLOROETHYL VINYL ETHER DRY WGTBOTUG/KG	4	4	0	0	1	0
34580	2-CHLOROETHYL VINYL ETHER WET WGTTISMG/KG	5	5	0	0	1	0
34581	2-CHLORONAPHTHALENE TOTWUG/L	2	2	0	0	1	0
34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	4	4	0	0	1	0
34585	2-CHLORONAPHTHALENE WET WGTTISMG/KG	3	3	0	0	1	0
34586	2-CHLOROPHENOL TOTWUG/L	2	2	0	0	1	0
34589	2-CHLOROPHENOL DRY WGTBOTUG/KG	4	4	0	0	1	0
34590	2-CHLOROPHENOL WET WGTTISMG/KG	3	3	0	0	1	0
34591	2-NITROPHENOL TOTWUG/L	2	2	0	0	1	0
34594	2-NITROPHENOL DRY WGTBOTUG/KG	4	4	0	0	1	0
34595	2-NITROPHENOL WET WGTTISMG/KG	4	4	0	0	2	0
34596	DI-N-OCTYL PHTHALATE TOTWUG/L	2	2	0	0	1	0
34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	4	4	0	0	1	0
34600	DI-N-OCTYL PHTHALATE WET WGTTISMG/KG	3	3	0	0	1	0
34601	2,4-DICHLOROPHENOL TOTWUG/L	2	2	0	0	1	0
34604	2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	4	4	0	0	1	0
34605	2,4-DICHLOROPHENOL WET WGTTISMG/KG	3	3	0	0	1	0
34606	2,4-DIMETHYLPHENOL TOTWUG/L	2	2	0	0	1	0
34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	4	4	0	0	1	0
34610	2,4-DIMETHYLPHENOL WET WGTTISMG/KG	3	3	0	0	1	0
34611	2,4-DINITROTOLUENE TOTWUG/L	2	2	0	0	1	0
34614	2,4-DINITROTOLUENE DRY WGTBOTUG/KG	4	4	0	0	1	0
34615	2,4-DINITROTOLUENE WET WGTTISMG/KG	3	3	0	0	1	0
34616	2,4-DINITROPHENOL TOTWUG/L	2	2	0	0	1	0
34619	2,4-DINITROPHENOL DRY WGTBOTUG/KG	3	3	0	0	1	0
34620	2,4-DINITROPHENOL WET WGTTISMG/KG	1	1	0	0	1	0
34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	2	2	0	0	1	0
34624	2,4,6-TRICHLOROPHENOL DRY WGTBOTUG/KG	4	4	0	0	1	0

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Parameter Code	Name	Total Obs	01/01/85 to 12/10/98	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
34625	2,4,6-TRICHLOROPHENOL WET WGTTISMG/KG	3	3	0	0	1	0
34626	2,6-DINITROTOLUENE TOTWUG/L	2	2	0	0	1	0
34629	2,6-DINITROTOLUENE DRY WGTBOTUG/KG	4	4	0	0	1	0
34630	2,6-DINITROTOLUENE WET WGTTISMG/KG	3	3	0	0	1	0
34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	2	2	0	0	1	0
34634	3,3'-DICHLOROBENZIDINE DRY WGTBOTUG/KG	4	4	0	0	1	0
34635	3,3'-DICHLOROBENZIDINE WET WGTTISMG/KG	3	3	0	0	1	0
34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	2	2	0	0	1	0
34638	4-BROMOPHENYL PHENYL ETHER SUSPUG/L	1	1	0	0	1	0
34639	4-BROMOPHENYL PHENYL ETHER DRY WGTBOTUG/KG	4	4	0	0	1	0
34640	4-BROMOPHENYL PHENYL ETHER WET WGTTISMG/KG	3	3	0	0	1	0
34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	2	2	0	0	1	0
34644	4-CHLOROPHENYL PHENYL ETHER DRY WGTBOTUG/KG	4	4	0	0	1	0
34645	4-CHLOROPHENYL PHENYL ETHER WET WGTTISMG/KG	3	3	0	0	1	0
34646	4-NITROPHENOL TOTWUG/L	2	2	0	0	1	0
34649	4-NITROPHENOL DRY WGTBOTUG/KG	4	4	0	0	1	0
34650	4-NITROPHENOL WET WGTTISMG/KG	3	3	0	0	1	0
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	2	2	0	0	1	0
34661	DNOC (4,6-DINITRO-ORTHO-CRESOL) WET WGTTISMG/KG	3	3	0	0	1	0
34664	PCB - 1221 WET WGTTISMG/KG	2	2	0	0	1	0
34667	PCB - 1232 WET WGTTISMG/KG	2	2	0	0	1	0
34669	PCB - 1248 WET WGTTISMG/KG	2	2	0	0	1	0
34670	PCB - 1260 WET WGTTISMG/KG	2	2	0	0	1	0
34671	PCB - 1016 TOTWUG/L	2	2	0	0	1	0
34674	PCB - 1016 WET WGTTISMG/KG	2	2	0	0	1	0
34683	DI-N-BUTYL PHTHALATE,TISSUE,WET WGTWET WGT	2	2	0	0	1	0
34688	HEXACHLOROBENZENE WET WGTTISMG/KG	3	3	0	0	1	0
34689	PCB - 1242 WET WGTTISMG/KG	2	2	0	0	1	0
34690	PCB - 1254 WET WGTTISMG/KG	2	2	0	0	1	0
34692	TRICHLOROETHYLENE WET WGTTISMG/KG	5	5	0	0	1	0
34693	VINYL CHLORIDE WET WGTTISMG/KG	5	5	0	0	1	0
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	2	2	0	0	1	0
34695	PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGTTUG/KG	6	6	0	0	2	0
34696	NAPHTHALENE TOTWUG/L	2	2	0	0	1	0
34697	TRANS-1,3-DICHLOROPROPENE SEDIMENT DRY WGT UG/KG	4	4	0	0	1	0
34698	TRANS-1,3-DICHLOROPROPENEFISH TISSUE WET WGT MG/KG	5	5	0	0	1	0
34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	2	2	0	0	1	0
34702	CIS-1,3-DICHLOROPROPENE SEDIMENT DRY WEIGHT UG/KG	4	4	0	0	1	0
34703	CIS-1,3-DICHLOROPROPENE FISH TISSUE WET WGT MG/KG	5	5	0	0	1	0
34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	2	2	0	0	1	0
38702	AOP (AMBAM OXIDATION PRODUCT) WATER, SUSUG/L	2	2	0	0	1	0
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	2	2	0	0	1	0
39060	PCP (PENTACHLOROPHENOL) IN TISSUE WET WGT UG/G	3	3	0	0	1	0
39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	8	5	3	0	1	0
39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	5	5	0	0	1	0
39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	14	9	5	0	2	0
39099	BIS(2-ETHYLHEXYL)PHTHALATE,TISSUE,WET WGT,MG/KG	3	3	0	0	1	0
39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	2	2	0	0	1	0
39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	4	4	0	0	1	0
39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	2	2	0	0	1	0
39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	4	4	0	0	1	0
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	2	2	0	0	1	0
39121	BENZIDINE IN BOTTOM DEPOS UG/KG DRY SOLIDS	3	3	0	0	1	0
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	2	2	0	0	1	0
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	2	2	0	0	1	0
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	2	2	0	0	1	0
39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	36	35	0	1	4	0
39302	P P DDT IN TISSUE WET WGT (UG/G)	2	2	0	0	1	0
39306	O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	33	32	0	1	4	0
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	2	2	0	0	1	0
39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	36	35	0	1	4	0
39312	P P DDD IN TISSUE WET WGT (UG/G)	2	2	0	0	1	0
39316	O,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	32	32	0	0	3	0
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	2	2	0	0	1	0
39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	36	35	0	1	4	0
39322	P,P'-DDE IN TISSUE WET WGT MG/KG	2	2	0	0	1	0
39328	O,P'DDE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	32	32	0	0	3	0
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	2	2	0	0	1	0
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	44	38	5	1	4	0
39334	ALDRIN IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	5	5	0	0	1	0
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	2	2	0	0	1	0

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Parameter Code	Name	Total Obs	01/01/85 to 12/10/98	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	2	2	0	0	1	0
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	2	2	0	0	1	0
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	32	32	0	0	3	0
39349	CHLORDANE IN FISH OR ANIMALS WET WGT UG/KG	5	5	0	0	1	0
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	6	6	0	0	4	1
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	16	11	5	0	5	1
39359	DDT SUM ANALOGS IN SEDIMENT UG/KG DRY WEIGHT	10	8	2	0	4	1
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	4	4	0	0	3	1
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	3	3	0	0	3	1
39364	DDD IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	11	11	0	0	2	1
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	4	4	0	0	3	1
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	3	3	0	0	3	1
39369	DDE IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	11	11	0	0	2	1
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	4	4	0	0	3	1
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	5	2	3	0	2	0
39374	DDT IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	11	11	0	0	2	1
39376	DDT SUM ANALOGS INTISSUE WET WGT BASIS	3	3	0	0	1	0
39379	SUM OF ALL DDT,DDE& DDD VALUES IN WHL WATER SAMP	1	1	0	0	1	0
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	2	2	0	0	1	0
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	14	9	5	0	2	0
39387	DIELDRIN IN SHELLFISH OR ANIMAL (UG/KG WET WGT)	5	5	0	0	1	0
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	6	6	0	0	4	1
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	17	12	5	0	5	1
39397	ENDRIN IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	5	5	0	0	1	0
39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	3	3	0	0	1	0
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	2	2	0	0	1	0
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	15	9	5	1	2	0
39407	TOXAPHENE IN FISH OR ANIMAL(UG/KG WET WEIGHT)	5	5	0	0	1	0
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	2	2	0	0	1	0
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	36	35	0	1	4	0
39414	HEPTACHLOR IN SHELLFISH OR ANIMAL (UG/KG WET WGT)	5	5	0	0	1	0
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	2	2	0	0	1	0
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	36	35	0	1	4	0
39424	HEPTACHLOR EPOXIDE IN SHELLFISH OR ANIMAL WET WGT	5	5	0	0	1	0
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	6	6	0	0	4	1
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	16	11	5	0	5	1
39482	METHOXYCHLOR IN FISH - UG/KG	3	3	0	0	1	0
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	2	2	0	0	1	0
39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	4	4	0	0	2	0
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	2	2	0	0	1	0
39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	5	5	0	0	2	0
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	2	2	0	0	1	0
39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	5	5	0	0	2	0
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	2	2	0	0	1	0
39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	5	5	0	0	2	0
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	2	2	0	0	1	0
39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	6	6	0	0	2	0
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	2	2	0	0	1	0
39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	6	6	0	0	2	0
39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	5	5	0	0	2	0
39515	PCBS (MG/KG) FISH TISSUE MG/KG	3	3	0	0	1	0
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	6	6	0	0	4	1
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	17	11	5	1	5	1
39520	PCBS IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	8	8	0	0	1	1
39526	PCBS TOTAL,IN SEDIMENT,DRY (ISOMER ANALYSES) UG/KG	34	34	0	0	3	0
39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	3	3	0	0	1	0
39534	MALATHION IN TISSUE WET WEIGHT MG/KG	3	3	0	0	1	0
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	3	3	0	0	1	0
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	3	3	0	0	1	0
39581	GUTHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	3	3	0	0	1	0
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	2	2	0	0	1	0
39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	43	38	5	0	4	0
39703	HEXACHLOROBENZENE IN FISH OR ANIMALS WET WGT UG/K	3	3	0	0	1	0
39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	4	4	0	0	1	0
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	2	2	0	0	1	0
39731	2,4-D IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	4	4	0	0	1	0
39755	MIREX, TOTAL (UG/L)	2	2	0	0	1	0
39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	10	7	2	1	2	0
39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	2	2	0	0	1	0
39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	4	4	0	0	1	0
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	4	4	0	0	3	1

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Parameter Code	Name	Total Obs	01/01/85 to 12/10/98	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	5	4	0	1	2	0
39784	LINDANE IN SHELLFISH OR ANIMAL WET WEIGHT UG/KG	5	5	0	0	1	0
39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	8	8	0	0	1	1
39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	3	3	0	0	1	0
39811	CHLORDANE,GAMMA,IN BOTTOM DEPOS(UG/KG DRY SOLIDS)	10	5	5	0	4	1
45012	HEXADECENOIC ACID TISWET MG/KG	1	1	0	0	1	0
45013	ISOPROPYL ACETATE WH WAT UG/L	1	1	0	0	1	0
45022	PROPYL ACETATE WH WAT UG/L	1	1	0	0	1	0
45087	METHYL PENTANOIC ACID TISWET MG/KG	1	1	0	0	1	0
45582	ORGANICS, ACID EXTRACTABLE, NUMBER DETECTED	5	5	0	0	1	0
45583	ORGANICS, BASE-NEUTRAL EXTRACTABLE,NUMBER DETECTED	5	5	0	0	1	0
46332	RONNEL IN TISSUE WET WEIGHT MG/KG	3	3	0	0	1	0
46335	ETHION IN TISSUE WET WEIGHT MG/KG	3	3	0	0	1	0
47462	FEMALES IN ENTIRE SAMPLE OR CATCH NUMBER	2	2	0	0	1	0
47463	MALES IN ENTIRE SAMPLE OR CATCH NUMBER	2	2	0	0	1	0
49575	TOTAL ORGANIC CARBON, BOTT. DEP.,DRY WT.,SED MG/KG	301	301	0	0	7	0
49724	PERYLENE, DRY WEIGHT, SEDIMENT UG/KG	42	42	0	0	3	0
49743	BENZO(E)PYRENE, DRY WEIGHT, SEDIMENT UG/KG	42	42	0	0	3	0
50596	PCB CONGENER IUPAC#29, SEDIMENT, DRY WEIGHT NG/G	34	34	0	0	3	0
50784	ALPHA-CHLORDANE SEDIMENT,DRY WT,BOTTOM DEP UG/KG	29	29	0	0	2	0
50943	2,6-DIMETHYLNAPHTHALENE, DRY WEIGHT, SEDIMENTUG/KG	42	42	0	0	3	0
50945	PCB CONGENER #08 (CL2), DRY WEIGHT,SEDIMENT UG/KG	34	34	0	0	3	0
50946	PCB CONGENER #18 (CL3), DRY WEIGHT,SEDIMENT UG/KG	34	34	0	0	3	0
50948	PCB CONGENER #52 (CL4), DRY WEIGHT,SEDIMENT UG/KG	34	34	0	0	3	0
50949	PCB CONGENER #44 (CL4), DRY WEIGHT,SEDIMENT UG/KG	34	34	0	0	3	0
50950	PCB CONGENER #66 (CL4), DRY WEIGHT,SEDIMENT UG/KG	34	34	0	0	3	0
50952	PCB CONGENER #101 (CL5), DRY WEIGHT,SEDIMENT UG/KG	34	34	0	0	3	0
50953	PCB CONGENER #118 (CL5), DRY WEIGHT,SEDIMENT UG/KG	34	34	0	0	3	0
50954	PCB CONGENER #153 (CL6), DRY WEIGHT,SEDIMENT UG/KG	34	34	0	0	3	0
50955	PCB CONGENER #105 (CL5), DRY WEIGHT,SEDIMENT UG/KG	34	34	0	0	3	0
50956	PCB CONGENER #138 (CL6), DRY WEIGHT,SEDIMENT UG/KG	34	34	0	0	3	0
50958	PCB CONGENER #187 (CL7), DRY WEIGHT,SEDIMENT UG/KG	34	34	0	0	3	0
50959	PCB CONGENER #128 (CL6), DRY WEIGHT,SEDIMENT UG/KG	34	34	0	0	3	0
50960	PCB CONGENER #180 (CL7), DRY WEIGHT,SEDIMENT UG/KG	34	34	0	0	3	0
50961	PCB CONGENER #170 (CL7), DRY WEIGHT,SEDIMENT UG/KG	34	34	0	0	3	0
50962	PCB CONGENER #195 (CL8), DRY WEIGHT,SEDIMENT UG/KG	34	34	0	0	3	0
50963	PCB CONGENER #206 (CL9), DRY WEIGHT,SEDIMENT UG/KG	34	34	0	0	3	0
50964	PCB CONGENER #209 (CL10),DRY WEIGHT,SEDIMENT UG/KG	34	34	0	0	3	0
61160	PCB CONGENER #126 SEDIMENT DRY WEIGHT UG/KG	34	34	0	0	3	0
61161	PCB CONGENER # 77 SEDIMENT DRY WEIGHT UG/KG	34	34	0	0	3	0
61187	BIOGENETIC SILICA DRY WEIGHT SEDIMENT MG/L	164	164	0	0	3	0
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	3	0	0	3	1	0
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	3	0	0	3	1	0
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	3	0	0	3	1	0
70318	SOLIDS, TOTAL, PERCENT OF WET SAMPLE	12	5	6	1	2	0
70322	SOLIDS, VOLATILE, PERCENT OF TOTAL SOLIDS	9	4	4	1	1	0
71232	MALES PERCENT	2	2	0	0	1	0
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	3	0	0	3	1	0
71870	BROMIDE (MG/L AS BR)	12	12	0	0	2	0
71900	MERCURY, TOTAL (UG/L AS HG)	14	8	5	1	4	1
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	17	11	5	1	5	1
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	15	15	0	0	2	1
71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	7	7	0	0	1	0
71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	7	7	0	0	1	0
71938	ZINC,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	15	15	0	0	2	1
71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	8	7	1	0	2	0
71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	7	7	0	0	1	0
72109	DEPTH TO WATER LEVEL FROM A MEASURING POINT (FEET)	51	51	0	0	1	1
74010	IRON, TOTAL (MG/L AS FE)	6	0	0	6	1	1
75047	DIELDRIN SEDIMENT,DRY,WT,UG/KG	29	29	0	0	2	0
75048	ENDRIN SEDIMENT,DRY,WT,UG/KG	29	29	0	0	2	0
75049	MERCURY (HG) SEDIMENT,DRY,WT,UG/KG	247	247	0	0	7	0
75212	BENZYL ALCOHOL SEDIMENT,DRY WGT,UG/KG	4	4	0	0	1	0
75315	BENZOIC ACID SEDIMENT,DRY WGT,UG/KG	4	4	0	0	1	0
75558	BIPHENYL SEDIMENT,DRY WGT,UG/KG	42	42	0	0	3	0
75647	DIBENZOFURAN SEDIMENT,DRY WGT,UG/KG	4	4	0	0	1	0
76184	BENZYL ALCOHOL TISSUE ,WET WGT,MG/KG	3	3	0	0	1	0
76287	BENZOIC ACID TISSUE ,WET WGT,MG/KG	3	3	0	0	1	0
76619	DIBENZOFURAN TISSUE ,WET WGT,MG/KG	3	3	0	0	1	0
76820	TETRADECANOIC ACID TISSUE ,WET WGT,MG/KG	1	1	0	0	1	0
76839	PENTADECANOIC ACID TISSUE ,WET WGT,MG/KG	1	1	0	0	1	0

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Parameter Code	Name	Total Obs	01/01/85 to 12/10/98	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
77041	CARBON DISULFIDE WHOLE WATER,UG/L	2	2	0	0	1	0
77057	VINYL ACETATE WHOLE WATER,UG/L	1	1	0	0	1	0
77103	2-HEXANONE WHOLE WATER,UG/L	2	2	0	0	1	0
77128	STYRENE WHOLE WATER,UG/L	2	2	0	0	1	0
77135	O-XYLENE WHOLE WATER,UG/L	1	1	0	0	1	0
77146	P-CRESOL WHOLE WATER,UG/L	1	1	0	0	1	0
77152	O-CRESOL WHOLE WATER,UG/L	1	1	0	0	1	0
77189	N-BUTYL ACETATE WHOLE WATER,UG/L	1	1	0	0	1	0
77416	2-METHYLNAPHTHALENE WHOLE WATER,UG/L	1	1	0	0	1	0
77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	1	1	0	0	1	0
77687	2,4,5-TRICHLOROPHENOL WHOLE WATER,UG/L	1	1	0	0	1	0
78132	P-XYLENE IN WHOLE WATER UG/L	1	1	0	0	1	0
78195	DIBROMOCHLOROMETHANE SEDDRYWTUG/KG	4	4	0	0	1	0
78299	2-NITROANILINE IN SEDIMENT, DRY WEIGHT UG/KG	4	4	0	0	1	0
78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	2	2	0	0	1	0
78401	2,4,5-TRICHLOROPHENOL IN SEDIMENT,DRY WEIGHT,UG/KG	4	4	0	0	1	0
78453	PCB 1262, SEDIMENT, DRY WEIGHT, UG/KG	2	2	0	0	1	0
78657	NONACHLOR, TRANS, SEDIMENT, DRY WEIGHT, UG/KG	29	29	0	0	2	0
78800	BUTYL BENZYL PHTHALATE IN SEDIMENT DRY WT UG/KG	3	3	0	0	1	0
78803	P-CRESOL (4-METHYL PHENOL) IN SED DRY WGT UG/KG	4	4	0	0	1	0
78828	BENZO(GHI)PERYLENE IN SEDIMENT DRY WEIGHT UG/KG	2	2	0	0	1	0
78866	ANILINE IN SEDIMENT DRY WEIGHT UG/KG	4	4	0	0	1	0
78867	4-CHLOROANILINE IN SEDIMENT DRY WEIGHT UG/KG	4	4	0	0	1	0
78868	2-METHYLNAPHTHALENE IN SEDIMENT DRY WEIGHT UG/KG	46	46	0	0	4	0
78869	3-NITROANILINE IN SEDIMENT DRY WEIGHT UG/KG	4	4	0	0	1	0
78870	4-NITROANILINE IN SEDIMENT DRY WEIGHT UG/KG	4	4	0	0	1	0
78872	2-METHYLPENOL(O-CRESOL) SEDIMENT DRY WEIGHT UG/KG	4	4	0	0	1	0
78873	PENTACHLOROPHENOL IN SEDIMENT DRY WEIGHT UG/KG	4	4	0	0	1	0
78887	PRECIPITATION, NET MONTHLY ACCUMULATED MGD	118	118	0	0	3	3
79009	HEXANAL IN FISH UG/KG	2	2	0	0	1	0
79038	BUTYLBENZYL PHTHALATE TISWETWTMG/KG	2	2	0	0	1	0
79040	DIBENZ(A,H)ANTHRACENE TISWETWTMG/KG	3	3	0	0	1	0
79041	BENZO(GHI)PERYLENE TISWETWTMG/KG	5	5	0	0	1	0
79800	MIREX SEDIMENT,DRY,WT,UG/KG	29	29	0	0	2	0
81302	DIBENZOFURAN(C12H8O) WHOLE WATER SAMPLE UG/L	1	1	0	0	1	0
81403	DURSBAN(CHLOROPYRIFOS)WHOLE WATER SAMPLE (UG/L)	1	1	0	0	1	0
81551	XYLENE WHL WATER SMPL UG/L	1	1	0	0	1	0
81552	ACETONE WHL WATER SMPL UG/L	2	2	0	0	1	0
81585	ETHYL ACETATE WHL WATER SMPL UG/L	1	1	0	0	1	0
81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	2	2	0	0	1	0
81596	METHYL-ISOBUTYL KETONE WHL WATER SMPL UG/L	2	2	0	0	1	0
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	138	8	1	129	5	0
81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	131	1	1	129	4	0
81623	PCB - 1254 IN SHELLFISH TISSUE DRY WEIGHT UG/KG	85	0	1	84	3	0
81625	P,P'-DDD IN SHELLFISH TISSUE DRY WEIGHT	129	0	0	129	2	0
81626	P,P'-DDE IN SHELLFISH TISSUE DRY WEIGHT UG/KG	130	0	1	129	3	0
81627	ZINC IN SHELLFISH TISSUE DRY WEIGHT MG/KG	1	0	1	0	1	0
81628	NICKEL IN SHELLFISH TISSUE DRY WEIGHT MG/KG	1	0	1	0	1	0
81633	LEAD IN SHELLFISH TISSUE DRY WEIGHT MG/KG	9	8	1	0	2	1
81634	CADMIUM IN SHELLFISH TISSUE DRY WEIGHT MG/KG	9	8	1	0	2	1
81635	SILVER IN SHELLFISH TISSUE DRY WEIGHT MG/KG	1	0	1	0	1	0
81636	COPPER IN SHELLFISH TISSUE DRY WEIGHT MG/KG	9	8	1	0	2	1
81637	SHELLFISH SPECIES NUMERIC CODE	130	0	1	129	3	0
81645	MIREX IN FISH TISSUE WET WEIGHT UG/G	3	3	0	0	1	0
81660	IRON IN FISH TISSUE WET WEIGHT MG/KG	1	0	1	0	1	0
81710	M-XYLENE IN THE WHOLE WATER SAMPLE MG/L	1	1	0	0	1	0
81713	ALDRIN IN SHELLFISH TISSUE DRY WEIGHT UG/KG	129	0	0	129	2	0
81714	CHLORDANE IN SHELLFISH TISSUE DRY WEIGHT UG/KG	129	0	0	129	2	0
81715	P,P'-DDT IN SHELLFISH TISSUE DRY WEIGHT UG/KG	129	0	0	129	2	0
81716	DIELDRIN IN SHELLFISH TISSUE DRY WEIGHT UG/KG	129	0	0	129	2	0
81717	ENDRIN IN SHELLFISH TISSUE DRY WEIGHT UG/KG	137	8	0	129	3	1
81718	HEPTACHLOR EPOXIDE IN SHELLFISH TIS DRY WGT UG/KG	129	0	0	129	2	0
81719	HEPTACHLOR IN SHELLFISH TISSUE DRY WEIGHT UG/KG	129	0	0	129	2	0
81720	LINDANE(GAMMA-BHC)IN SHELLFISH TIS DRY WGT UG/KG	129	0	0	129	2	0
81721	METHOXYCHLOR IN SHELLFISH TISSUE DRY WEIGHT UG/KG	137	8	0	129	3	1
81722	MIREX IN SHELLFISH TISSUE DRY WEIGHT UG/KG	129	0	0	129	2	0
81723	TOXAPHENE IN SHELLFISH TISSUE DRY WEIGHT UG/KG	129	0	0	129	2	0
81741	MANGANESE IN FISH TISSUE WET WEIGHT MG/KG	6	6	0	0	1	1
81796	CHROMIUM IN SHELLFISH TISSUE, DRY WEIGHT MG/KG	8	8	0	0	1	1
81802	GUTHION IN FISH TISSUE,WET WEIGHT MG/KG	3	3	0	0	1	0
81806	DIAZINON IN FISH TISSUE WET WEIGHT, MG/KG	3	3	0	0	1	0

Parameter Period of Record Tabulation
From 03/07/60 To 12/10/98

Parameter Code	Name	Total Obs	01/01/85 to 12/10/98	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
81809	METHYL PARATHION IN FISH TISSUE WET WEIGHT MG/KG	3	3	0	0	1	0
81810	PARATHION IN FISH TISSUE WET WEIGHT MG/KG	3	3	0	0	1	0
81811	NICKEL IN SHELLFISH TISSUE WET WEIGHT MG/KG	6	6	0	0	1	1
81820	BETA-BHC IN SHELLFISH TISSUE WET WEIGHT UG/KG	5	5	0	0	1	0
81863	CHLORDANE IN SHELLFISH TISSUE WET WEIGHT UG/KG	8	8	0	0	1	1
81900	SEDIMENT CORE SAMPLE,UPPER DEPTH,REPORT IN INCHES	314	314	0	0	7	0
81901	SEDIMENT CORE SAMPLE, LOWER DEPTH,REPORT IN INCHES	314	314	0	0	7	0
82005	PERCENT TOTAL CARBON(INORG.&ORG.) IN SED DRY WGT	1	1	0	0	1	0
82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	1590	678	912	0	5	0
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	1	1	0	0	1	0
82478	CARBONATE,DISSOLVED FROM DRY DEPOSITION (MG/KG)	301	301	0	0	7	0
82643	PHOSDRIN (MEVINPHOS), SEDIMENT, DRY WEIGHT, UG/KG	1	1	0	0	1	0
84007	ANATOMY ALPHA CODE	137	7	1	129	4	0
84008	LIFE STYLE/HABITAT OF THEINDIVIDUALS IN THE SAMPLE	131	0	2	129	4	0
84009	SHELLFISH SPECIES ALPHANUMERIC CODE	130	0	1	129	3	0
84085	ORGANICS, VOLATILE , DETECTED, NUMERIC CODE, CODE	7	7	0	0	1	0
84100	SEX(1-MALE,2-FEMALE,3-MIXED,4-UNKNOWN) NUM CODE	7	7	0	0	1	0
84381	TIDAL STAGE-SLCK(SLACK),HIGH,LOW,EBB,FLD(FLOOD) 9	29	29	0	0	2	1

Station/Parameter Period of Record Tabulation
From 03/07/60 To 12/10/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
FOPU0004	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/01/67-06/01/72	5	65	
FOPU0007	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/14/68-05/03/93	24	111	
FOPU0014	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/14/75-05/03/93	18	112	
FOPU0023	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/30/76-11/30/76	0	1	
FOPU0027	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/01/67-06/01/72	5	64	
FOPU0037	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/14/75-05/03/93	18	131	
FOPU0046	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	28	478	
FOPU0059	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/07/71-12/15/71	0	3	
FOPU0063	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-12/10/98	30	553	
FOPU0067	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/11/70-06/04/74	3	34	
FOPU0070	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/15/89-11/14/89	0	309	
FOPU0080	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	28	539	
FOPU0088	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/15/85-06/19/95	10	7	
FOPU0089	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/27/70-12/10/98	28	598	
FOPU0092	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-06/04/74	6	82	
FOPU0095	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/07/71-12/15/71	0	5	
FOPU0101	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	28	552	
FOPU0003	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	01/04/92-01/06/92	0	3	
FOPU0007	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	09/11/73-05/03/93	19	160	
FOPU0014	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	09/11/73-05/03/93	19	166	
FOPU0016	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	01/05/92-01/06/92	0	2	
FOPU0031	Yes	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	12/31/91-01/06/92	0	14	
FOPU0036	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	12/31/91-01/06/92	0	14	
FOPU0037	Yes	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	09/11/73-05/03/93	19	183	
FOPU0039	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	01/03/92-01/06/92	0	4	
FOPU0046	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	01/04/72-11/07/96	24	431	
FOPU0063	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	01/04/72-12/10/98	26	502	
FOPU0064	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	01/04/72-06/04/74	2	28	
FOPU0067	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	01/04/72-06/04/74	2	42	
FOPU0071	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	01/03/92-01/06/92	0	5	
FOPU0080	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	01/04/72-08/15/96	24	473	
FOPU0089	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	01/04/72-12/10/98	26	651	
FOPU0092	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	01/04/72-06/04/74	2	42	
FOPU0101	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	01/04/72-11/07/96	24	498	
FOPU0103	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	01/04/92-01/06/92	0	3	
FOPU0007	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/14/68-05/03/93	24	127	
FOPU0014	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/73-05/03/93	19	131	
FOPU0015	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/06/86-12/10/97	11	96	
FOPU0017	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/06/86-12/10/97	11	98	
FOPU0021	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/06/86-12/10/97	11	79	
FOPU0022	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/06/86-12/10/97	11	97	
FOPU0032	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/25/94-03/25/98	4	17	
FOPU0034	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/25/94-03/25/98	4	51	
FOPU0035	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/25/94-03/25/98	4	51	
FOPU0037	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/73-05/03/93	19	142	
FOPU0043	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/02/91-06/06/91	0	58	
FOPU0046	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/68-11/07/96	28	485	
FOPU0054	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/28/89-06/28/89	0	3	
FOPU0059	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/07/71-12/15/71	0	3	
FOPU0062	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/28/89-06/28/89	0	3	
FOPU0063	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/68-12/10/98	30	565	
FOPU0064	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/72-06/04/74	2	27	
FOPU0067	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/70-06/04/74	3	63	
FOPU0070	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/15/89-11/14/89	0	309	
FOPU0073	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/15/89-03/15/89	0	3	
FOPU0078	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/10/90-08/03/90	0	34	
FOPU0079	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/15/89-03/15/89	0	3	
FOPU0080	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/20/68-08/15/96	28	552	
FOPU0081	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	32	170	
FOPU0082	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	32	156	
FOPU0084	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/92-12/02/98	6	61	
FOPU0089	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/25/70-12/10/98	28	608	
FOPU0092	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/68-06/04/74	6	110	
FOPU0095	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/02/71-12/15/71	0	2	
FOPU0097	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/09/89-08/09/89	0	3	
FOPU0098	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/03/92-12/02/98	6	66	
FOPU0100	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	32	154	
FOPU0101	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/20/68-11/07/96	28	569	
FOPU0102	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/29/88-12/02/98	10	83	
FOPU0105	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/90-08/04/90	0	32	
FOPU0106	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/28/89-06/28/89	0	3	
FOPU0076	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/25/69-07/04/75	5	681	

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

Station/Parameter Period of Record Tabulation
From 03/07/60 To 12/10/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
FOPU0081	No	00016	TEMP. DIFFERENCE BETWEEN SAMPLE AND UPSTREAM PT.	02/12/79-03/09/83	4	2	
FOPU0082	No	00016	TEMP. DIFFERENCE BETWEEN SAMPLE AND UPSTREAM PT.	02/01/77-02/12/79	2	2	
FOPU0089	No	00019	SAMPLE WEIGHT IN GRAMS	06/04/90-06/04/90	0	1	
FOPU0007	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/09/73-11/09/88	15	110	
FOPU0014	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/09/73-11/09/88	15	114	
FOPU0037	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/09/73-03/24/93	19	128	
FOPU0046	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/07/72-08/15/96	24	373	
FOPU0063	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/02/72-12/10/98	26	429	
FOPU0077	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/05/71-10/05/71	0	2	
FOPU0080	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/07/72-08/15/96	24	416	
FOPU0081	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	32	170	
FOPU0082	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	32	156	
FOPU0084	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/09/92-12/02/98	6	61	
FOPU0087	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/05/71-10/05/71	0	1	
FOPU0089	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/04/72-12/10/98	26	513	
FOPU0092	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/04/72-10/11/72	0	7	
FOPU0095	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/08/71-11/02/71	0	5	
FOPU0098	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/03/92-12/02/98	6	66	
FOPU0100	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	32	154	
FOPU0101	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/04/72-11/07/96	24	433	
FOPU0102	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/29/88-12/02/98	10	83	
FOPU0007	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/11/73-05/03/93	19	160	
FOPU0014	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/11/73-05/03/93	19	165	
FOPU0037	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/11/73-05/03/93	19	183	
FOPU0046	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	01/04/72-11/07/96	24	430	
FOPU0063	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	01/04/72-12/10/98	26	483	
FOPU0064	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	01/04/72-06/04/74	2	28	
FOPU0067	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	01/04/72-06/04/74	2	42	
FOPU0080	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	01/04/72-11/07/96	24	470	
FOPU0088	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	06/19/95-06/19/95	0	2	
FOPU0089	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	01/27/70-12/10/98	28	683	
FOPU0092	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	01/04/72-06/04/74	2	42	
FOPU0101	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	01/04/72-11/07/96	24	488	
FOPU0089	No	00030	LIGHT, INCIDENT, SUNLIGHT RADIATION INTENSITY	06/02/92-06/02/92	0	1	
FOPU0081	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	08/08/66-12/02/98	32	172	
FOPU0082	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	08/08/66-12/02/98	32	158	
FOPU0084	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	04/09/92-12/02/98	6	61	
FOPU0098	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	03/03/92-12/02/98	6	66	
FOPU0100	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	08/08/66-12/02/98	32	156	
FOPU0102	No	00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	09/29/88-12/02/98	10	83	
FOPU0089	No	00039	SAMPLE LENGTH IN MILLIMETERS	06/04/90-06/04/90	0	1	
FOPU0081	No	00041	WEATHER (WMO CODE 4501)	08/08/66-12/02/98	32	172	
FOPU0082	No	00041	WEATHER (WMO CODE 4501)	08/08/66-12/02/98	32	159	
FOPU0084	No	00041	WEATHER (WMO CODE 4501)	04/09/92-12/02/98	6	61	
FOPU0098	No	00041	WEATHER (WMO CODE 4501)	03/03/92-12/02/98	6	66	
FOPU0100	No	00041	WEATHER (WMO CODE 4501)	08/08/66-12/02/98	32	156	
FOPU0102	No	00041	WEATHER (WMO CODE 4501)	09/29/88-12/02/98	10	83	
FOPU0076	No	00060	FLOW, STREAM, MEAN DAILY CFS	09/25/69-09/30/74	5	1832	
FOPU0092	No	00060	FLOW, STREAM, MEAN DAILY CFS	07/24/69-07/24/69	0	1	
FOPU0046	No	00065	STAGE, STREAM (FEET)	03/07/72-12/04/73	1	11	
FOPU0063	No	00065	STAGE, STREAM (FEET)	02/02/72-02/27/97	25	17	
FOPU0064	No	00065	STAGE, STREAM (FEET)	03/07/72-07/05/72	0	2	
FOPU0067	No	00065	STAGE, STREAM (FEET)	01/04/72-11/06/73	1	14	
FOPU0080	No	00065	STAGE, STREAM (FEET)	01/04/72-11/06/73	1	16	
FOPU0089	No	00065	STAGE, STREAM (FEET)	02/02/72-10/31/84	12	149	
FOPU0092	No	00065	STAGE, STREAM (FEET)	02/02/72-12/05/72	0	10	
FOPU0101	No	00065	STAGE, STREAM (FEET)	03/07/72-11/07/96	24	8	
FOPU0081	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	08/08/66-12/02/98	32	172	
FOPU0082	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	08/08/66-12/02/98	32	159	
FOPU0084	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	04/09/92-12/02/98	6	61	
FOPU0098	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	03/03/92-12/02/98	6	66	
FOPU0100	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	08/08/66-12/02/98	32	156	
FOPU0102	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	09/29/88-12/02/98	10	83	
FOPU0043	No	00068	DEPTH, MAXIMUM, OF SAMPLE (FEET)	04/02/91-06/06/91	0	58	
FOPU0078	No	00068	DEPTH, MAXIMUM, OF SAMPLE (FEET)	04/10/90-08/03/90	0	34	
FOPU0105	No	00068	DEPTH, MAXIMUM, OF SAMPLE (FEET)	04/09/90-08/04/90	0	32	
FOPU0046	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/10/76-08/19/76	0	6	
FOPU0063	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/10/76-08/19/76	0	7	
FOPU0080	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/10/76-08/19/76	0	8	
FOPU0101	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/16/76-08/19/76	0	7	
FOPU0007	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/11/73-05/03/93	19	122	
FOPU0014	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/11/73-05/03/93	19	127	

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

Station/Parameter Period of Record Tabulation
From 03/07/60 To 12/10/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
FOPU0037	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/11/73-05/03/93	19	135	
FOPU0046	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/15/68-02/02/72	3	32	
FOPU0063	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/15/68-12/10/98	30	100	S
FOPU0067	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/04/72-01/04/72	0	1	
FOPU0080	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/15/68-02/02/72	3	39	
FOPU0089	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/02/72-02/03/77	5	70	
FOPU0092	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/15/68-02/02/72	3	39	
FOPU0101	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/15/68-02/02/72	3	38	
FOPU0034	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	01/25/94-03/25/98	4	51	
FOPU0007	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	06/18/85-05/03/93	7	25	
FOPU0014	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	03/18/85-05/03/93	8	28	
FOPU0037	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	03/18/85-05/03/93	8	26	
FOPU0063	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	12/03/80-12/03/80	0	1	
FOPU0007	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/14/68-05/03/93	24	125	
FOPU0014	No	00080	COLOR (PLATINUM-COBALT UNITS)	09/11/73-05/03/93	19	127	
FOPU0037	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	09/11/73-05/03/93	19	138	
FOPU0038	No	00080	COLOR (PLATINUM-COBALT UNITS)	03/07/60-03/08/60	0	3	
FOPU0046	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/12/68-08/19/76	8	20	
FOPU0063	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/12/68-12/10/98	30	85	S
FOPU0080	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/12/68-08/19/76	8	22	
FOPU0089	No	00080	COLOR (PLATINUM-COBALT UNITS)	07/02/74-12/10/98	24	513	A
FOPU0092	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/12/68-08/22/68	0	9	
FOPU0101	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/12/68-08/19/76	8	23	
FOPU0007	No	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	12/18/73-12/09/81	7	86	
FOPU0014	No	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	12/18/73-01/27/82	8	87	
FOPU0037	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	12/18/73-12/27/82	9	98	
FOPU0007	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/11/73-05/03/93	19	118	
FOPU0014	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/11/73-05/03/93	19	124	
FOPU0037	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/11/73-05/03/93	19	132	
FOPU0043	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/02/91-06/06/91	0	58	
FOPU0046	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-11/07/96	24	374	A
FOPU0063	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-12/10/98	26	441	T,A,S
FOPU0064	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-06/04/74	2	27	
FOPU0067	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/02/72-06/04/74	2	35	
FOPU0080	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-08/15/96	24	424	A
FOPU0089	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-12/10/98	26	522	T,A,S
FOPU0092	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-06/04/74	2	36	
FOPU0101	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-08/15/96	24	424	A
FOPU0007	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/14/68-05/03/93	24	127	
FOPU0014	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/11/73-05/03/93	19	130	
FOPU0037	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/11/73-05/03/93	19	141	
FOPU0038	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/07/60-03/08/60	0	3	
FOPU0046	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/68-11/03/81	13	101	
FOPU0059	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/02/71-12/15/71	0	2	
FOPU0063	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/68-12/10/98	30	171	T,S
FOPU0064	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/07/72-07/05/72	0	2	
FOPU0067	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/11/70-12/15/71	1	28	
FOPU0076	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/25/69-07/04/75	5	681	
FOPU0077	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/08/71-11/02/71	0	3	
FOPU0080	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/68-09/14/83	15	118	
FOPU0087	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/08/71-11/02/71	0	2	
FOPU0089	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/27/70-12/10/98	28	566	T,A,S
FOPU0092	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/68-03/12/74	5	66	
FOPU0095	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/07/71-12/15/71	0	6	
FOPU0101	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/68-08/20/84	16	129	
FOPU0007	No	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	06/18/85-05/03/93	7	27	
FOPU0014	No	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	03/18/85-05/03/93	8	30	
FOPU0037	Yes	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	03/18/85-05/03/93	8	29	
FOPU0007	No	00300	OXYGEN, DISSOLVED MG/L	08/14/68-05/03/93	24	122	
FOPU0014	No	00300	OXYGEN, DISSOLVED MG/L	09/11/73-05/03/93	19	126	
FOPU0032	Yes	00300	OXYGEN, DISSOLVED MG/L	03/25/94-03/25/98	4	17	
FOPU0034	Yes	00300	OXYGEN, DISSOLVED MG/L	01/25/94-03/25/98	4	51	
FOPU0035	Yes	00300	OXYGEN, DISSOLVED MG/L	01/25/94-03/25/98	4	51	
FOPU0037	Yes	00300	OXYGEN, DISSOLVED MG/L	09/11/73-05/03/93	19	134	
FOPU0046	No	00300	OXYGEN, DISSOLVED MG/L	02/15/68-11/07/96	28	489	T,A,S
FOPU0054	No	00300	OXYGEN, DISSOLVED MG/L	06/28/89-06/28/89	0	3	
FOPU0062	No	00300	OXYGEN, DISSOLVED MG/L	06/28/89-06/28/89	0	3	
FOPU0063	No	00300	OXYGEN, DISSOLVED MG/L	02/15/68-12/10/98	30	567	T,A,S
FOPU0064	No	00300	OXYGEN, DISSOLVED MG/L	01/23/73-12/04/73	0	12	
FOPU0067	No	00300	OXYGEN, DISSOLVED MG/L	10/11/70-06/04/74	3	59	
FOPU0070	No	00300	OXYGEN, DISSOLVED MG/L	03/15/89-11/14/89	0	309	
FOPU0073	No	00300	OXYGEN, DISSOLVED MG/L	03/15/89-03/15/89	0	3	

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Station/Parameter Period of Record Tabulation
From 03/07/60 To 12/10/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
FOPU0076	No	00300	OXYGEN, DISSOLVED MG/L	09/25/69-07/04/75	5	906	
FOPU0078	No	00300	OXYGEN, DISSOLVED MG/L	04/10/90-08/03/90	0	34	
FOPU0079	No	00300	OXYGEN, DISSOLVED MG/L	03/15/89-03/15/89	0	3	
FOPU0080	No	00300	OXYGEN, DISSOLVED MG/L	02/15/68-08/15/96	28	556	T,A,S
FOPU0089	No	00300	OXYGEN, DISSOLVED MG/L	01/27/70-12/10/98	28	606	T,A,S
FOPU0092	No	00300	OXYGEN, DISSOLVED MG/L	02/15/68-06/04/74	6	107	
FOPU0095	No	00300	OXYGEN, DISSOLVED MG/L	09/08/71-12/15/71	0	3	
FOPU0097	No	00300	OXYGEN, DISSOLVED MG/L	08/09/89-08/09/89	0	3	
FOPU0101	No	00300	OXYGEN, DISSOLVED MG/L	03/20/68-11/07/96	28	571	A,S
FOPU0105	No	00300	OXYGEN, DISSOLVED MG/L	04/09/90-08/04/90	0	32	
FOPU0106	No	00300	OXYGEN, DISSOLVED MG/L	06/28/89-06/28/89	0	3	
FOPU0078	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/10/90-08/03/90	0	34	
FOPU0105	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/09/90-08/04/90	0	32	
FOPU0007	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/14/68-05/03/93	24	119	
FOPU0014	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/11/73-05/03/93	19	122	
FOPU0037	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	09/11/73-05/03/93	19	133	
FOPU0046	No	00310	BOD, 5 DAY, 20 DEG C MG/L	03/20/68-08/19/76	8	127	
FOPU0059	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	07/07/71-11/02/71	0	2	
FOPU0063	No	00310	BOD, 5 DAY, 20 DEG C MG/L	03/20/68-12/10/98	30	208	T,A,S
FOPU0064	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/72-06/04/74	2	28	
FOPU0067	No	00310	BOD, 5 DAY, 20 DEG C MG/L	10/11/70-06/04/74	3	64	
FOPU0078	No	00310	BOD, 5 DAY, 20 DEG C MG/L	06/14/90-10/25/90	0	8	
FOPU0080	No	00310	BOD, 5 DAY, 20 DEG C MG/L	03/20/68-08/19/76	8	146	
FOPU0087	No	00310	BOD, 5 DAY, 20 DEG C MG/L	11/02/71-11/02/71	0	1	
FOPU0089	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/27/70-12/10/98	28	593	T,A,S
FOPU0092	No	00310	BOD, 5 DAY, 20 DEG C MG/L	03/20/68-06/04/74	6	108	
FOPU0095	No	00310	BOD, 5 DAY, 20 DEG C MG/L	07/07/71-12/15/71	0	5	
FOPU0101	No	00310	BOD, 5 DAY, 20 DEG C MG/L	03/20/68-08/19/76	8	144	
FOPU0063	No	00312	BOD, 6 DAY, 20 DEG C MG/L	10/08/91-10/08/91	0	1	
FOPU0089	No	00312	BOD, 6 DAY, 20 DEG C MG/L	05/21/85-10/08/91	6	6	
FOPU0078	No	00324	BOD, 20 DAY, 20 DEG C MG/L	06/14/90-10/25/90	0	8	
FOPU0089	No	00335	COD, .025N K2CR2O7 MG/L	01/02/90-09/17/98	8	44	
FOPU0089	No	00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	11/28/73-07/14/93	19	10	
FOPU0007	No	00400	PH (STANDARD UNITS)	12/18/73-05/03/93	19	113	
FOPU0014	No	00400	PH (STANDARD UNITS)	12/18/73-05/03/93	19	118	
FOPU0037	Yes	00400	PH (STANDARD UNITS)	12/18/73-05/03/93	19	125	
FOPU0038	No	00400	PH (STANDARD UNITS)	03/07/60-03/08/60	0	3	
FOPU0046	No	00400	PH (STANDARD UNITS)	01/15/74-11/07/96	22	351	A
FOPU0059	Yes	00400	PH (STANDARD UNITS)	07/07/71-12/15/71	0	2	
FOPU0063	No	00400	PH (STANDARD UNITS)	09/30/69-12/10/98	29	422	T,A,S
FOPU0064	No	00400	PH (STANDARD UNITS)	01/15/74-06/04/74	0	5	
FOPU0067	No	00400	PH (STANDARD UNITS)	01/15/74-06/04/74	0	12	
FOPU0076	No	00400	PH (STANDARD UNITS)	09/25/69-07/04/75	5	666	
FOPU0080	No	00400	PH (STANDARD UNITS)	01/15/74-08/15/96	22	398	A
FOPU0087	No	00400	PH (STANDARD UNITS)	07/07/71-10/05/71	0	4	
FOPU0089	No	00400	PH (STANDARD UNITS)	01/15/74-12/10/98	24	506	A
FOPU0092	No	00400	PH (STANDARD UNITS)	02/09/71-06/04/74	3	14	
FOPU0095	No	00400	PH (STANDARD UNITS)	07/07/71-12/15/71	0	6	
FOPU0101	No	00400	PH (STANDARD UNITS)	01/15/74-11/07/96	22	413	A
FOPU0007	No	00403	PH, LAB, STANDARD UNITS SU	08/14/68-05/03/93	24	126	
FOPU0014	No	00403	PH, LAB, STANDARD UNITS SU	09/11/73-05/03/93	19	130	
FOPU0037	Yes	00403	PH, LAB, STANDARD UNITS SU	09/11/73-05/03/93	19	139	
FOPU0044	No	00403	PH, LAB, STANDARD UNITS SU	07/07/71-11/02/71	0	4	
FOPU0046	No	00403	PH, LAB, STANDARD UNITS SU	02/15/68-08/19/76	8	127	
FOPU0058	No	00403	PH, LAB, STANDARD UNITS SU	07/07/71-12/15/71	0	6	
FOPU0059	Yes	00403	PH, LAB, STANDARD UNITS SU	07/07/71-12/15/71	0	8	
FOPU0063	No	00403	PH, LAB, STANDARD UNITS SU	02/15/68-12/10/98	30	197	T,A,S
FOPU0064	No	00403	PH, LAB, STANDARD UNITS SU	01/04/72-06/04/74	2	28	
FOPU0067	No	00403	PH, LAB, STANDARD UNITS SU	10/11/70-06/04/74	3	64	
FOPU0077	No	00403	PH, LAB, STANDARD UNITS SU	07/07/71-12/15/71	0	8	
FOPU0080	No	00403	PH, LAB, STANDARD UNITS SU	02/15/68-08/19/76	8	143	
FOPU0087	No	00403	PH, LAB, STANDARD UNITS SU	11/02/71-12/15/71	0	4	
FOPU0089	No	00403	PH, LAB, STANDARD UNITS SU	01/27/70-12/10/98	28	603	T,A,S
FOPU0091	No	00403	PH, LAB, STANDARD UNITS SU	07/07/71-12/15/71	0	6	
FOPU0092	No	00403	PH, LAB, STANDARD UNITS SU	02/15/68-06/04/74	6	107	
FOPU0095	No	00403	PH, LAB, STANDARD UNITS SU	07/07/71-12/15/71	0	6	
FOPU0101	No	00403	PH, LAB, STANDARD UNITS SU	02/15/68-08/20/84	16	146	
FOPU0032	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	03/25/94-03/25/98	4	17	
FOPU0034	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	01/25/94-03/25/98	4	51	
FOPU0035	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	01/25/94-03/25/98	4	51	
FOPU0038	No	00405	CARBON DIOXIDE (MG/L AS CO2)	03/07/60-03/08/60	0	3	
FOPU0032	Yes	00406	PH, FIELD, STANDARD UNITS SU	03/25/94-03/25/98	4	17	

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

Station/Parameter Period of Record Tabulation
From 03/07/60 To 12/10/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
FOPU0034	Yes	00406	PH, FIELD, STANDARD UNITS SU	01/25/94-03/25/98	4	51	
FOPU0035	Yes	00406	PH, FIELD, STANDARD UNITS SU	01/25/94-03/25/98	4	51	
FOPU0007	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/20/68-05/03/93	24	126	
FOPU0014	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/11/73-05/03/93	19	130	
FOPU0037	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/11/73-05/03/93	19	139	
FOPU0038	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/07/60-03/08/60	0	3	
FOPU0046	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/21/68-08/19/76	8	119	
FOPU0059	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/07/71-12/15/71	0	3	
FOPU0063	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/21/68-12/10/98	30	198	T,A,S
FOPU0064	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/04/72-06/04/74	2	27	
FOPU0067	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/70-06/04/74	3	61	
FOPU0080	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/21/68-08/19/76	8	134	
FOPU0089	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/27/70-12/10/98	28	577	T,A,S
FOPU0092	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/21/68-06/04/74	6	100	
FOPU0095	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/07/71-12/15/71	0	4	
FOPU0101	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/21/68-08/19/76	8	135	
FOPU0038	No	00440	BICARBONATE ION (MG/L AS HCO3)	03/07/60-03/08/60	0	3	
FOPU0038	No	00445	CARBONATE ION (MG/L AS CO3)	03/07/60-03/08/60	0	3	
FOPU0007	No	00480	SALINITY - PARTS PER THOUSAND	05/28/74-07/23/74	0	2	
FOPU0014	No	00480	SALINITY - PARTS PER THOUSAND	05/28/74-07/23/74	0	2	
FOPU0015	No	00480	SALINITY - PARTS PER THOUSAND	01/06/86-12/10/97	11	96	
FOPU0017	No	00480	SALINITY - PARTS PER THOUSAND	01/06/86-12/10/97	11	98	
FOPU0021	Yes	00480	SALINITY - PARTS PER THOUSAND	01/06/86-12/10/97	11	79	
FOPU0022	Yes	00480	SALINITY - PARTS PER THOUSAND	01/06/86-12/10/97	11	97	
FOPU0034	Yes	00480	SALINITY - PARTS PER THOUSAND	01/25/94-03/25/98	4	51	
FOPU0037	Yes	00480	SALINITY - PARTS PER THOUSAND	05/28/74-07/23/74	0	3	
FOPU0046	No	00480	SALINITY - PARTS PER THOUSAND	02/05/74-05/14/91	17	304	A
FOPU0054	No	00480	SALINITY - PARTS PER THOUSAND	06/28/89-06/28/89	0	3	
FOPU0062	No	00480	SALINITY - PARTS PER THOUSAND	06/28/89-06/28/89	0	3	
FOPU0063	No	00480	SALINITY - PARTS PER THOUSAND	02/05/74-05/14/91	17	336	A
FOPU0064	No	00480	SALINITY - PARTS PER THOUSAND	03/12/74-06/04/74	0	4	
FOPU0067	No	00480	SALINITY - PARTS PER THOUSAND	02/05/74-06/04/74	0	10	
FOPU0070	No	00480	SALINITY - PARTS PER THOUSAND	03/15/89-11/14/89	0	309	
FOPU0073	No	00480	SALINITY - PARTS PER THOUSAND	03/15/89-03/15/89	0	3	
FOPU0078	No	00480	SALINITY - PARTS PER THOUSAND	04/10/90-08/03/90	0	34	
FOPU0079	No	00480	SALINITY - PARTS PER THOUSAND	03/15/89-03/15/89	0	3	
FOPU0080	No	00480	SALINITY - PARTS PER THOUSAND	02/05/74-06/25/91	17	346	A
FOPU0081	No	00480	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	32	172	T,S
FOPU0082	No	00480	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	32	159	S
FOPU0084	No	00480	SALINITY - PARTS PER THOUSAND	04/09/92-12/02/98	6	61	
FOPU0089	No	00480	SALINITY - PARTS PER THOUSAND	02/05/74-06/25/91	17	395	A
FOPU0092	No	00480	SALINITY - PARTS PER THOUSAND	02/05/74-06/04/74	0	11	
FOPU0097	No	00480	SALINITY - PARTS PER THOUSAND	08/09/89-08/09/89	0	3	
FOPU0098	No	00480	SALINITY - PARTS PER THOUSAND	03/03/92-12/02/98	6	66	
FOPU0100	No	00480	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	32	156	S
FOPU0101	No	00480	SALINITY - PARTS PER THOUSAND	02/05/74-06/25/91	17	359	A
FOPU0102	No	00480	SALINITY - PARTS PER THOUSAND	09/29/88-12/02/98	10	82	
FOPU0105	No	00480	SALINITY - PARTS PER THOUSAND	04/09/90-08/04/90	0	32	
FOPU0106	No	00480	SALINITY - PARTS PER THOUSAND	06/28/89-06/28/89	0	3	
FOPU0007	No	00500	RESIDUE, TOTAL (MG/L)	01/22/74-11/09/88	14	111	
FOPU0014	No	00500	RESIDUE, TOTAL (MG/L)	01/22/74-11/09/88	14	111	
FOPU0037	Yes	00500	RESIDUE, TOTAL (MG/L)	01/22/74-11/09/88	14	122	
FOPU0007	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	08/14/68-08/20/68	0	2	
FOPU0046	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	05/21/68-12/16/69	1	46	
FOPU0063	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	05/21/68-12/16/69	1	51	
FOPU0080	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	05/21/68-12/16/69	1	51	
FOPU0092	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	05/21/68-12/16/69	1	44	
FOPU0101	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	05/21/68-12/16/69	1	46	
FOPU0007	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/11/73-12/18/73	0	4	
FOPU0014	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/11/73-12/18/73	0	4	
FOPU0037	Yes	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/11/73-12/18/73	0	4	
FOPU0089	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	07/20/74-07/20/74	0	1	
FOPU0101	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	05/21/68-05/21/68	0	1	
FOPU0007	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/14/68-12/02/87	19	100	
FOPU0014	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/11/73-12/02/87	14	98	
FOPU0037	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/11/73-12/02/87	14	112	
FOPU0046	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/15/68-08/19/76	8	122	
FOPU0059	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/07/71-11/02/71	0	2	
FOPU0063	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/15/68-12/10/98	30	199	T,A,S
FOPU0064	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/04/72-06/04/74	2	26	
FOPU0067	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/70-06/04/74	3	55	
FOPU0080	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/15/68-08/19/76	8	137	

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

Station/Parameter Period of Record Tabulation
From 03/07/60 To 12/10/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
FOPU0087	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/02/71-11/02/71	0	1	
FOPU0089	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/27/70-12/10/98	28	585	T,A,S
FOPU0092	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/15/68-06/04/74	6	103	
FOPU0095	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/07/71-12/15/71	0	3	
FOPU0101	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/15/68-08/20/84	16	138	
FOPU0007	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/11/73-05/03/93	19	121	
FOPU0014	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/11/73-05/03/93	19	125	
FOPU0037	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/11/73-05/03/93	19	137	
FOPU0046	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/07/74-08/18/76	2	4	
FOPU0063	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/07/74-12/10/98	24	70	
FOPU0064	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/07/74-05/07/74	0	1	
FOPU0067	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/07/74-05/07/74	0	2	
FOPU0080	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/25/69-08/18/76	7	5	
FOPU0089	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/07/74-12/10/98	24	522	A
FOPU0092	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/07/74-05/07/74	0	2	
FOPU0101	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/07/74-08/18/76	2	4	
FOPU0078	No	00612	AMMONIA, UNIONZED (MG/L AS N)	06/14/90-10/25/90	0	8	
FOPU0032	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/25/94-03/25/98	4	17	
FOPU0034	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/25/94-03/25/98	4	51	
FOPU0035	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/25/94-03/25/98	4	51	
FOPU0038	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	03/07/60-03/08/60	0	3	
FOPU0032	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/25/94-03/25/98	4	17	
FOPU0034	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/25/94-03/25/98	4	51	
FOPU0035	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/25/94-03/25/98	4	51	
FOPU0007	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/18/85-05/03/93	7	28	
FOPU0014	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/18/85-05/03/93	8	31	
FOPU0037	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/18/85-05/03/93	8	29	
FOPU0078	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/14/90-10/25/90	0	8	
FOPU0089	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/77-12/10/98	21	168	
FOPU0089	No	00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	11/28/73-11/28/73	0	1	
FOPU0048	No	00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	04/17/93-04/17/93	0	51	
FOPU0049	No	00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	04/17/93-04/17/93	0	57	
FOPU0051	No	00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	04/17/93-04/17/93	0	53	
FOPU0055	No	00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	04/17/93-04/17/93	0	55	
FOPU0068	No	00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	04/17/93-04/17/93	0	58	
FOPU0075	No	00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	04/17/93-04/17/93	0	10	
FOPU0085	No	00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	04/17/93-04/17/93	0	17	
FOPU0007	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/11/73-05/03/93	19	124	
FOPU0014	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/11/73-05/03/93	19	129	
FOPU0037	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/11/73-05/03/93	19	139	
FOPU0046	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/07/74-08/18/76	2	4	
FOPU0063	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/07/74-12/10/98	24	66	
FOPU0064	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/07/74-05/07/74	0	1	
FOPU0067	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/07/74-05/07/74	0	2	
FOPU0078	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/14/90-10/25/90	0	8	
FOPU0080	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/07/74-08/18/76	2	4	
FOPU0089	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/07/74-12/10/98	24	521	A
FOPU0092	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/07/74-05/07/74	0	2	
FOPU0101	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/07/74-08/18/76	2	4	
FOPU0007	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/11/73-05/03/93	19	123	
FOPU0014	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/11/73-05/03/93	19	128	
FOPU0037	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/11/73-05/03/93	19	137	
FOPU0046	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/07/74-08/18/76	2	4	
FOPU0063	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/07/74-12/10/98	24	70	
FOPU0064	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/07/74-05/07/74	0	1	
FOPU0067	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/07/74-05/07/74	0	2	
FOPU0080	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/07/74-08/18/76	2	4	
FOPU0089	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/07/74-12/10/98	24	522	A
FOPU0092	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/07/74-05/07/74	0	2	
FOPU0101	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/07/74-08/18/76	2	4	
FOPU0007	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/18/85-03/12/86	0	4	
FOPU0014	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	03/18/85-03/12/86	0	5	
FOPU0037	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	03/18/85-03/12/86	0	5	
FOPU0048	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	04/17/93-04/17/93	0	51	
FOPU0049	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	04/17/93-04/17/93	0	57	
FOPU0051	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	04/17/93-04/17/93	0	53	
FOPU0055	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	04/17/93-04/17/93	0	55	
FOPU0068	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	04/17/93-04/17/93	0	58	
FOPU0075	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	04/17/93-04/17/93	0	10	
FOPU0085	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	04/17/93-04/17/93	0	17	
FOPU0007	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/11/73-06/18/85	11	91	
FOPU0014	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/11/73-06/18/85	11	92	

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

Station/Parameter Period of Record Tabulation
From 03/07/60 To 12/10/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
FOPU0037	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/11/73-06/18/85	11	95	
FOPU0046	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	12/05/72-05/07/74	1	17	
FOPU0063	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/23/73-12/10/98	25	84	S
FOPU0064	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/23/73-06/04/74	1	16	
FOPU0067	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/23/73-06/04/74	1	20	
FOPU0077	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/08/71-09/08/71	0	2	
FOPU0080	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	12/05/72-06/04/74	1	20	
FOPU0087	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/08/71-09/08/71	0	2	
FOPU0089	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/23/73-12/10/98	25	520	T,A,S
FOPU0092	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	12/05/72-06/04/74	1	21	
FOPU0095	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/08/71-09/08/71	0	2	
FOPU0101	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	12/05/72-06/04/74	1	20	
FOPU0089	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	07/17/91-07/14/93	1	2	
FOPU0089	No	00721	CYANIDE IN BOTTOM DEPOSITS (MG/KG AS CN DRY WGT)	07/17/91-07/14/93	1	2	
FOPU0038	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/07/60-03/08/60	0	3	
FOPU0059	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/15/71-12/15/71	0	1	
FOPU0089	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/02/74-01/13/77	2	19	
FOPU0101	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/08/83-08/20/84	0	2	
FOPU0038	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/07/60-03/08/60	0	3	
FOPU0038	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/07/60-03/08/60	0	3	
FOPU0089	No	00916	CALCIUM, TOTAL (MG/L AS CA)	07/20/74-07/14/93	18	3	
FOPU0089	No	00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	07/17/91-07/14/93	1	2	
FOPU0089	No	00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	07/17/91-07/14/93	1	2	
FOPU0038	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/07/60-03/08/60	0	3	
FOPU0037	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	09/16/70-09/16/70	0	1	
FOPU0089	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/20/74-07/14/93	18	3	
FOPU0089	No	00929	SODIUM, TOTAL (MG/L AS NA)	07/20/74-07/14/93	18	3	
FOPU0038	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/07/60-03/08/60	0	3	
FOPU0059	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/07/71-07/07/71	0	3	
FOPU0038	No	00931	SODIUM ADSORPTION RATIO	03/07/60-03/08/60	0	3	
FOPU0038	No	00932	SODIUM, PERCENT	03/07/60-03/08/60	0	3	
FOPU0089	No	00934	SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	07/17/91-07/14/93	1	2	
FOPU0038	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/07/60-03/08/60	0	3	
FOPU0089	No	00937	POTASSIUM, TOTAL MG/L AS K)	07/20/74-07/14/93	18	3	
FOPU0089	No	00938	POTASSIUM IN BOTTOM DEPOSITS (MG/KG AS K DRY WGT)	07/17/91-07/14/93	1	2	
FOPU0007	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/20/68-12/12/85	17	101	
FOPU0014	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/11/73-09/02/87	13	104	
FOPU0037	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/11/73-09/02/87	13	116	
FOPU0038	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/07/60-03/08/60	0	3	
FOPU0046	No	00940	CHLORIDE,TOTAL IN WATER MG/L	02/15/68-08/19/76	8	119	
FOPU0059	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	11/02/71-12/15/71	0	2	
FOPU0063	No	00940	CHLORIDE,TOTAL IN WATER MG/L	02/15/68-12/10/98	30	200	T,A,S
FOPU0064	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/04/72-06/04/74	2	28	
FOPU0067	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/11/70-06/04/74	3	62	
FOPU0080	No	00940	CHLORIDE,TOTAL IN WATER MG/L	02/15/68-08/19/76	8	145	
FOPU0089	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/27/70-12/10/98	28	576	T,A,S
FOPU0092	No	00940	CHLORIDE,TOTAL IN WATER MG/L	02/15/68-06/04/74	6	108	
FOPU0095	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/08/71-12/15/71	0	4	
FOPU0101	No	00940	CHLORIDE,TOTAL IN WATER MG/L	02/15/68-08/19/76	8	143	
FOPU0007	No	00945	SULFATE, TOTAL (MG/L AS SO4)	06/18/85-12/12/85	0	3	
FOPU0014	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/18/85-12/12/85	0	4	
FOPU0037	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	03/18/85-12/12/85	0	4	
FOPU0038	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/07/60-03/08/60	0	3	
FOPU0063	No	00945	SULFATE, TOTAL (MG/L AS SO4)	01/09/97-12/10/98	1	8	
FOPU0089	No	00945	SULFATE, TOTAL (MG/L AS SO4)	07/20/74-12/10/98	24	9	
FOPU0038	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/07/60-03/08/60	0	3	
FOPU0063	No	00951	FLUORIDE, TOTAL (MG/L AS F)	01/09/97-12/10/98	1	14	
FOPU0089	No	00951	FLUORIDE, TOTAL (MG/L AS F)	01/09/97-12/10/98	1	14	
FOPU0038	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/07/60-03/08/60	0	3	
FOPU0007	No	01002	ARSENIC, TOTAL (UG/L AS AS)	09/02/87-09/02/87	0	1	
FOPU0014	No	01002	ARSENIC, TOTAL (UG/L AS AS)	09/02/87-09/02/87	0	1	
FOPU0037	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	06/18/85-09/02/87	2	2	
FOPU0089	No	01002	ARSENIC, TOTAL (UG/L AS AS)	11/28/73-07/14/93	19	11	
FOPU0007	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	09/02/87-09/02/87	0	1	
FOPU0014	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	09/02/87-09/02/87	0	1	
FOPU0037	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	09/02/87-09/02/87	0	1	
FOPU0048	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/17/93-04/17/93	0	51	
FOPU0049	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/17/93-04/17/93	0	57	
FOPU0051	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/17/93-04/17/93	0	53	
FOPU0055	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/17/93-04/17/93	0	55	
FOPU0068	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/17/93-04/17/93	0	58	
FOPU0075	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/17/93-04/17/93	0	10	

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

Station/Parameter Period of Record Tabulation
From 03/07/60 To 12/10/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
FOPU0085	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/17/93-04/17/93	0	17	
FOPU0089	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	11/01/77-07/14/93	15	10	
FOPU0037	Yes	01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	06/12/85-08/13/87	2	8	
FOPU0089	No	01007	BARIUM, TOTAL (UG/L AS BA)	07/17/91-07/14/93	1	2	
FOPU0089	No	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	07/17/91-07/14/93	1	2	
FOPU0089	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	07/17/91-07/14/93	1	2	
FOPU0089	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	07/17/91-07/14/93	1	2	
FOPU0007	No	01027	CADMIUM, TOTAL (UG/L AS CD)	09/02/87-09/02/87	0	1	
FOPU0014	No	01027	CADMIUM, TOTAL (UG/L AS CD)	09/02/87-09/02/87	0	1	
FOPU0037	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	06/18/85-09/02/87	2	2	
FOPU0089	No	01027	CADMIUM, TOTAL (UG/L AS CD)	11/28/73-07/14/93	19	12	
FOPU0007	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/02/87-09/02/87	0	1	
FOPU0014	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/02/87-09/02/87	0	1	
FOPU0037	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/02/87-09/02/87	0	1	
FOPU0048	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/17/93-04/17/93	0	51	
FOPU0049	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/17/93-04/17/93	0	57	
FOPU0051	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/17/93-04/17/93	0	53	
FOPU0055	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/17/93-04/17/93	0	55	
FOPU0068	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/17/93-04/17/93	0	58	
FOPU0075	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/17/93-04/17/93	0	10	
FOPU0085	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/17/93-04/17/93	0	17	
FOPU0088	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/15/85-06/19/95	10	4	
FOPU0089	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/28/73-07/14/93	19	11	
FOPU0007	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/02/87-09/02/87	0	1	
FOPU0014	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/02/87-09/02/87	0	1	
FOPU0037	Yes	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/02/87-09/02/87	0	1	
FOPU0048	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/17/93-04/17/93	0	51	
FOPU0049	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/17/93-04/17/93	0	57	
FOPU0051	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/17/93-04/17/93	0	53	
FOPU0055	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/17/93-04/17/93	0	55	
FOPU0068	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/17/93-04/17/93	0	58	
FOPU0075	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/17/93-04/17/93	0	10	
FOPU0085	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/17/93-04/17/93	0	17	
FOPU0088	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/15/85-06/19/95	10	4	
FOPU0089	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/28/73-07/14/93	19	11	
FOPU0101	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/08/83-08/20/84	0	4	
FOPU0007	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	09/02/87-09/02/87	0	1	
FOPU0014	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	09/02/87-09/02/87	0	1	
FOPU0037	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	06/18/85-09/02/87	2	2	
FOPU0089	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	11/28/73-07/14/93	19	11	
FOPU0101	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	11/08/83-08/20/84	0	2	
FOPU0089	No	01037	COBALT, TOTAL (UG/L AS CO)	07/17/91-07/14/93	1	2	
FOPU0089	No	01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	07/17/91-07/14/93	1	2	
FOPU0007	No	01042	COPPER, TOTAL (UG/L AS CU)	09/02/87-09/02/87	0	1	
FOPU0014	No	01042	COPPER, TOTAL (UG/L AS CU)	09/02/87-09/02/87	0	1	
FOPU0037	Yes	01042	COPPER, TOTAL (UG/L AS CU)	06/18/85-09/02/87	2	2	
FOPU0089	No	01042	COPPER, TOTAL (UG/L AS CU)	11/28/73-07/14/93	19	11	
FOPU0007	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/02/87-09/02/87	0	1	
FOPU0014	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/02/87-09/02/87	0	1	
FOPU0037	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/02/87-09/02/87	0	1	
FOPU0048	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/17/93-04/17/93	0	51	
FOPU0049	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/17/93-04/17/93	0	57	
FOPU0051	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/17/93-04/17/93	0	53	
FOPU0055	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/17/93-04/17/93	0	55	
FOPU0068	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/17/93-04/17/93	0	58	
FOPU0075	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/17/93-04/17/93	0	10	
FOPU0085	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/17/93-04/17/93	0	17	
FOPU0088	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	03/15/85-06/19/95	10	4	
FOPU0089	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/28/73-07/14/93	19	11	
FOPU0064	No	01045	IRON, TOTAL (UG/L AS FE)	01/04/72-06/04/74	2	26	
FOPU0067	No	01045	IRON, TOTAL (UG/L AS FE)	01/04/72-06/04/74	2	32	
FOPU0089	No	01045	IRON, TOTAL (UG/L AS FE)	07/20/74-07/14/93	18	3	
FOPU0101	No	01045	IRON, TOTAL (UG/L AS FE)	11/08/83-08/20/84	0	2	
FOPU0038	No	01046	IRON, DISSOLVED (UG/L AS FE)	03/07/60-03/08/60	0	3	
FOPU0007	No	01051	LEAD, TOTAL (UG/L AS PB)	09/02/87-09/02/87	0	1	
FOPU0014	No	01051	LEAD, TOTAL (UG/L AS PB)	09/02/87-09/02/87	0	1	
FOPU0037	Yes	01051	LEAD, TOTAL (UG/L AS PB)	06/18/85-09/02/87	2	2	
FOPU0089	No	01051	LEAD, TOTAL (UG/L AS PB)	11/28/73-07/14/93	19	11	
FOPU0007	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/02/87-09/02/87	0	1	
FOPU0014	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/02/87-09/02/87	0	1	
FOPU0037	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/02/87-09/02/87	0	1	
FOPU0048	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/17/93-04/17/93	0	51	

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

Station/Parameter Period of Record Tabulation
From 03/07/60 To 12/10/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
FOPU0049	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/17/93-04/17/93	0	57	
FOPU0051	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/17/93-04/17/93	0	53	
FOPU0055	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/17/93-04/17/93	0	55	
FOPU0068	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/17/93-04/17/93	0	58	
FOPU0075	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/17/93-04/17/93	0	10	
FOPU0085	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/17/93-04/17/93	0	17	
FOPU0088	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	03/15/85-06/19/95	10	4	
FOPU0089	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	11/28/73-07/14/93	19	11	
FOPU0007	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	09/02/87-09/02/87	0	1	
FOPU0014	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	09/02/87-09/02/87	0	1	
FOPU0037	Yes	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	09/02/87-09/02/87	0	1	
FOPU0048	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	04/17/93-04/17/93	0	51	
FOPU0049	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	04/17/93-04/17/93	0	57	
FOPU0051	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	04/17/93-04/17/93	0	53	
FOPU0055	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	04/17/93-04/17/93	0	55	
FOPU0068	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	04/17/93-04/17/93	0	58	
FOPU0075	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	04/17/93-04/17/93	0	10	
FOPU0085	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	04/17/93-04/17/93	0	17	
FOPU0088	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	03/15/85-03/27/86	1	2	
FOPU0089	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	11/28/73-07/14/93	19	3	
FOPU0089	No	01055	MANGANESE, TOTAL (UG/L AS MN)	11/28/73-07/14/93	19	4	
FOPU0089	No	01059	THALLIUM, TOTAL (UG/L AS TL)	07/17/91-07/14/93	1	2	
FOPU0089	No	01067	NICKEL, TOTAL (UG/L AS NI)	11/28/73-07/14/93	19	3	
FOPU0101	No	01067	NICKEL, TOTAL (UG/L AS NI)	11/08/83-08/20/84	0	2	
FOPU0007	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/02/87-09/02/87	0	1	
FOPU0014	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/02/87-09/02/87	0	1	
FOPU0037	Yes	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/02/87-09/02/87	0	1	
FOPU0048	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/17/93-04/17/93	0	51	
FOPU0049	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/17/93-04/17/93	0	57	
FOPU0051	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/17/93-04/17/93	0	53	
FOPU0055	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/17/93-04/17/93	0	55	
FOPU0068	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/17/93-04/17/93	0	58	
FOPU0075	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/17/93-04/17/93	0	10	
FOPU0085	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/17/93-04/17/93	0	17	
FOPU0088	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/15/85-06/19/95	10	4	
FOPU0089	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/28/73-07/14/93	19	3	
FOPU0101	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/08/83-08/20/84	0	4	
FOPU0088	No	01069	NICKEL, TOTAL IN FISH OR ANIMALS-WET WEIGHT MG/KG	03/15/85-06/19/95	10	7	
FOPU0101	No	01069	NICKEL, TOTAL IN FISH OR ANIMALS-WET WEIGHT MG/KG	09/26/84-09/26/84	0	1	
FOPU0089	No	01077	SILVER, TOTAL (UG/L AS AG)	11/28/73-07/14/93	19	3	
FOPU0048	No	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	04/17/93-04/17/93	0	51	
FOPU0049	No	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	04/17/93-04/17/93	0	57	
FOPU0051	No	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	04/17/93-04/17/93	0	53	
FOPU0055	No	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	04/17/93-04/17/93	0	55	
FOPU0068	No	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	04/17/93-04/17/93	0	58	
FOPU0075	No	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	04/17/93-04/17/93	0	10	
FOPU0085	No	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	04/17/93-04/17/93	0	17	
FOPU0089	No	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	07/17/91-07/14/93	1	2	
FOPU0089	No	01087	VANADIUM, TOTAL (UG/L AS V)	07/17/91-07/14/93	1	2	
FOPU0089	No	01088	VANADIUM IN BOTTOM DEPOSITS (MG/KG AS V DRY WGT)	07/17/91-07/14/93	1	2	
FOPU0007	No	01092	ZINC, TOTAL (UG/L AS ZN)	09/02/87-09/02/87	0	1	
FOPU0014	No	01092	ZINC, TOTAL (UG/L AS ZN)	09/02/87-09/02/87	0	1	
FOPU0037	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	06/18/85-09/02/87	2	2	
FOPU0089	No	01092	ZINC, TOTAL (UG/L AS ZN)	11/28/73-07/14/93	19	11	
FOPU0007	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	09/02/87-09/02/87	0	1	
FOPU0014	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	09/02/87-09/02/87	0	1	
FOPU0037	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	09/02/87-09/02/87	0	1	
FOPU0088	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	03/15/85-06/19/95	10	4	
FOPU0089	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	11/28/73-07/14/93	19	11	
FOPU0089	No	01097	ANTIMONY, TOTAL (UG/L AS SB)	07/17/91-07/14/93	1	2	
FOPU0048	No	01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	04/17/93-04/17/93	0	51	
FOPU0049	No	01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	04/17/93-04/17/93	0	57	
FOPU0051	No	01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	04/17/93-04/17/93	0	53	
FOPU0055	No	01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	04/17/93-04/17/93	0	55	
FOPU0068	No	01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	04/17/93-04/17/93	0	58	
FOPU0075	No	01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	04/17/93-04/17/93	0	10	
FOPU0085	No	01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	04/17/93-04/17/93	0	17	
FOPU0089	No	01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	07/17/91-07/14/93	1	2	
FOPU0089	No	01102	TIN, TOTAL (UG/L AS SN)	07/17/91-07/14/93	1	2	
FOPU0007	No	01103	TIN IN BOTTOM DEPOSITS (MG/KG AS SN DRY WGT)	09/02/87-09/02/87	0	1	
FOPU0037	Yes	01103	TIN IN BOTTOM DEPOSITS (MG/KG AS SN DRY WGT)	09/02/87-09/02/87	0	1	
FOPU0048	No	01103	TIN IN BOTTOM DEPOSITS (MG/KG AS SN DRY WGT)	04/17/93-04/17/93	0	51	

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

Station/Parameter Period of Record Tabulation
From 03/07/60 To 12/10/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
FOPU0049	No	01103	TIN IN BOTTOM DEPOSITS (MG/KG AS SN DRY WGT)	04/17/93-04/17/93	0	57	
FOPU0051	No	01103	TIN IN BOTTOM DEPOSITS (MG/KG AS SN DRY WGT)	04/17/93-04/17/93	0	53	
FOPU0055	No	01103	TIN IN BOTTOM DEPOSITS (MG/KG AS SN DRY WGT)	04/17/93-04/17/93	0	55	
FOPU0068	No	01103	TIN IN BOTTOM DEPOSITS (MG/KG AS SN DRY WGT)	04/17/93-04/17/93	0	58	
FOPU0075	No	01103	TIN IN BOTTOM DEPOSITS (MG/KG AS SN DRY WGT)	04/17/93-04/17/93	0	10	
FOPU0085	No	01103	TIN IN BOTTOM DEPOSITS (MG/KG AS SN DRY WGT)	04/17/93-04/17/93	0	17	
FOPU0089	No	01103	TIN IN BOTTOM DEPOSITS (MG/KG AS SN DRY WGT)	07/17/91-07/14/93	1	2	
FOPU0089	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	07/17/91-07/14/93	1	2	
FOPU0048	No	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	04/17/93-04/17/93	0	51	
FOPU0049	No	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	04/17/93-04/17/93	0	57	
FOPU0051	No	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	04/17/93-04/17/93	0	53	
FOPU0055	No	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	04/17/93-04/17/93	0	55	
FOPU0068	No	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	04/17/93-04/17/93	0	58	
FOPU0075	No	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	04/17/93-04/17/93	0	10	
FOPU0085	No	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	04/17/93-04/17/93	0	17	
FOPU0089	No	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	07/17/91-07/14/93	1	2	
FOPU0048	No	01144	SILICON IN BOTTOM DEPOSITS (MG/KG AS SI DRY WGT)	04/17/93-04/17/93	0	51	
FOPU0049	No	01144	SILICON IN BOTTOM DEPOSITS (MG/KG AS SI DRY WGT)	04/17/93-04/17/93	0	57	
FOPU0051	No	01144	SILICON IN BOTTOM DEPOSITS (MG/KG AS SI DRY WGT)	04/17/93-04/17/93	0	53	
FOPU0055	No	01144	SILICON IN BOTTOM DEPOSITS (MG/KG AS SI DRY WGT)	04/17/93-04/17/93	0	55	
FOPU0068	No	01144	SILICON IN BOTTOM DEPOSITS (MG/KG AS SI DRY WGT)	04/17/93-04/17/93	0	58	
FOPU0075	No	01144	SILICON IN BOTTOM DEPOSITS (MG/KG AS SI DRY WGT)	04/17/93-04/17/93	0	10	
FOPU0085	No	01144	SILICON IN BOTTOM DEPOSITS (MG/KG AS SI DRY WGT)	04/17/93-04/17/93	0	17	
FOPU0089	No	01147	SELENIUM, TOTAL (UG/L AS SE)	07/17/91-07/14/93	1	2	
FOPU0048	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	04/17/93-04/17/93	0	19	
FOPU0049	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	04/17/93-04/17/93	0	25	
FOPU0051	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	04/17/93-04/17/93	0	15	
FOPU0055	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	04/17/93-04/17/93	0	19	
FOPU0068	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	04/17/93-04/17/93	0	53	
FOPU0085	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	04/17/93-04/17/93	0	6	
FOPU0089	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	07/17/91-07/14/93	1	2	
FOPU0089	No	01152	TITANIUM, TOTAL (UG/L AS TI)	07/17/91-07/14/93	1	2	
FOPU0089	No	01153	TITANIUM IN BOTTOM DEPOSITS (MG/KG AS TI DRY WGT)	07/17/91-07/14/93	1	2	
FOPU0048	No	01157	ZINC, TOTAL IN BOTTOM DEPOSITS (MG/KG AS ZN)	04/17/93-04/17/93	0	51	
FOPU0049	No	01157	ZINC, TOTAL IN BOTTOM DEPOSITS (MG/KG AS ZN)	04/17/93-04/17/93	0	57	
FOPU0051	No	01157	ZINC, TOTAL IN BOTTOM DEPOSITS (MG/KG AS ZN)	04/17/93-04/17/93	0	53	
FOPU0055	No	01157	ZINC, TOTAL IN BOTTOM DEPOSITS (MG/KG AS ZN)	04/17/93-04/17/93	0	55	
FOPU0068	No	01157	ZINC, TOTAL IN BOTTOM DEPOSITS (MG/KG AS ZN)	04/17/93-04/17/93	0	58	
FOPU0075	No	01157	ZINC, TOTAL IN BOTTOM DEPOSITS (MG/KG AS ZN)	04/17/93-04/17/93	0	10	
FOPU0085	No	01157	ZINC, TOTAL IN BOTTOM DEPOSITS (MG/KG AS ZN)	04/17/93-04/17/93	0	17	
FOPU0048	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	04/17/93-04/17/93	0	51	
FOPU0049	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	04/17/93-04/17/93	0	57	
FOPU0051	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	04/17/93-04/17/93	0	53	
FOPU0055	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	04/17/93-04/17/93	0	55	
FOPU0068	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	04/17/93-04/17/93	0	58	
FOPU0075	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	04/17/93-04/17/93	0	10	
FOPU0085	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	04/17/93-04/17/93	0	17	
FOPU0089	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	07/17/91-07/14/93	1	2	
FOPU0101	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	11/08/83-08/20/84	0	4	
FOPU0081	No	01340	FISH, DEAD (SEVERITY)	02/12/79-02/12/79	0	1	
FOPU0082	No	01340	FISH, DEAD (SEVERITY)	02/01/77-02/12/79	2	2	
FOPU0088	No	01361	SAMPLE LENGTH-MAXIMUM CM	07/15/86-07/07/87	0	2	
FOPU0088	No	01362	SAMPLE WEIGHT-MAXIMUM G	07/15/86-07/07/87	0	2	
FOPU0088	No	01370	SAMPLE, INDIVID BIOLOGICAL TISS MIN.WT.COMP. GRAMS	07/15/86-07/07/87	0	2	
FOPU0088	No	01371	SAMPLE, AVERAGE LENGTH BIOLOGICAL TISS.COMP. CM	07/15/86-07/07/87	0	2	
FOPU0088	No	01372	SAMPLE,INDIVID BIOLOGICAL TISS.MIN.LENGTH CM	07/15/86-07/07/87	0	2	
FOPU0088	No	01373	SAMPLE, AVG WT BIOLOGICAL TISS OF COMPOSITE GRAMS	07/15/86-07/07/87	0	2	
FOPU0003	No	04124	TRITIUM, TOTAL, WATER PCI/ML	01/04/92-01/06/92	0	4	
FOPU0016	No	04124	TRITIUM, TOTAL, WATER PCI/ML	01/05/92-01/06/92	0	2	
FOPU0031	Yes	04124	TRITIUM, TOTAL, WATER PCI/ML	12/31/91-01/06/92	0	14	
FOPU0036	No	04124	TRITIUM, TOTAL, WATER PCI/ML	12/31/91-01/06/92	0	15	
FOPU0039	No	04124	TRITIUM, TOTAL, WATER PCI/ML	01/03/92-01/06/92	0	4	
FOPU0071	No	04124	TRITIUM, TOTAL, WATER PCI/ML	01/03/92-01/06/92	0	5	
FOPU0103	No	04124	TRITIUM, TOTAL, WATER PCI/ML	01/04/92-01/06/92	0	3	
FOPU0055	No	04354	YEAR SED CORE SAMPLE DEPOSTION,LEAD-210 MTHD YR	04/17/93-04/17/93	0	15	
FOPU0068	No	04354	YEAR SED CORE SAMPLE DEPOSTION,LEAD-210 MTHD YR	04/17/93-04/17/93	0	14	
FOPU0085	No	04354	YEAR SED CORE SAMPLE DEPOSTION,LEAD-210 MTHD YR	04/17/93-04/17/93	0	15	
FOPU0007	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/14/68-12/02/87	19	97	
FOPU0014	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/11/73-12/02/87	14	99	
FOPU0037	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/11/73-12/02/87	14	109	
FOPU0046	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/15/68-06/23/70	2	28	
FOPU0058	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/07/71-07/07/71	0	1	

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Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
FOPU0059	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	12/15/71-12/15/71	0	1	
FOPU0063	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/15/68-06/23/70	2	31	
FOPU0080	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/15/68-06/23/70	2	32	
FOPU0081	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/08/66-08/26/86	20	76	
FOPU0082	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/08/66-04/20/86	19	77	
FOPU0089	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/27/70-07/20/74	4	7	
FOPU0092	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/15/68-06/23/70	2	32	
FOPU0100	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/08/66-04/20/86	19	74	
FOPU0101	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/15/68-06/23/70	2	31	
FOPU0081	No	31520	COLIFORM,TOT,MPN,IN SHELLFISH,CONFIRMED TEST,35C	02/12/79-03/09/83	4	2	
FOPU0082	No	31520	COLIFORM,TOT,MPN,IN SHELLFISH,CONFIRMED TEST,35C	02/12/79-02/12/79	0	1	
FOPU0015	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	11	97	
FOPU0017	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	11	99	
FOPU0021	Yes	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	11	80	
FOPU0022	Yes	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	11	98	
FOPU0081	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	04/16/90-04/16/90	0	1	
FOPU0007	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/14/68-05/03/93	24	118	
FOPU0014	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	19	121	
FOPU0037	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	19	131	
FOPU0046	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-08/19/76	8	70	
FOPU0063	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-12/10/98	30	144	S
FOPU0067	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/10/70-06/04/74	3	37	
FOPU0080	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-08/19/76	8	83	
FOPU0081	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	32	162	T,S
FOPU0082	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	32	152	S
FOPU0084	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/09/92-12/02/98	6	61	
FOPU0089	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/27/70-12/10/98	28	333	T,A,S
FOPU0092	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-06/04/74	6	80	
FOPU0098	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/03/92-12/02/98	6	66	
FOPU0100	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	32	149	S
FOPU0101	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-08/19/76	8	82	
FOPU0102	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/29/88-12/02/98	10	82	
FOPU0081	No	31640	FECAL COLIFORM,MPN,IN SHELLFISH,EC MED,44.5C	02/12/79-03/09/83	4	2	
FOPU0082	No	31640	FECAL COLIFORM,MPN,IN SHELLFISH,EC MED,44.5C	02/12/79-02/12/79	0	1	
FOPU0081	No	31749	PLATE COUNT, TOTAL, TPC AGAR, 20C, 48 HRS	02/12/79-03/09/83	4	2	
FOPU0082	No	31749	PLATE COUNT, TOTAL, TPC AGAR, 20C, 48 HRS	02/12/79-02/12/79	0	1	
FOPU0089	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	07/17/91-07/14/93	1	2	
FOPU0089	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	07/17/91-07/14/93	1	2	
FOPU0089	No	32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	07/17/91-07/14/93	1	2	
FOPU0089	No	32104	BROMOFORM,WHOLE WATER,UG/L	07/17/91-07/14/93	1	2	
FOPU0089	No	32106	CHLOROFORM,WHOLE WATER,UG/L	07/17/91-07/14/93	1	2	
FOPU0007	No	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	06/18/85-12/02/87	2	11	
FOPU0014	No	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	03/18/85-12/02/87	2	12	
FOPU0037	Yes	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	03/18/85-12/02/87	2	12	
FOPU0089	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	07/17/91-07/14/93	1	2	
FOPU0089	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	07/17/91-07/14/93	1	2	
FOPU0089	No	34200	ACENAPHTHYLENE TOTWUG/L	07/17/91-07/14/93	1	2	
FOPU0055	No	34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	04/17/93-04/17/93	0	14	
FOPU0068	No	34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	04/17/93-04/17/93	0	13	
FOPU0085	No	34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	04/17/93-04/17/93	0	14	
FOPU0088	No	34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	03/15/85-06/19/95	10	4	
FOPU0088	No	34204	ACENAPHTHYLENE WET WGTTISMG/KG	03/15/85-06/19/95	10	5	
FOPU0089	No	34205	ACENAPHTHENE TOTWUG/L	07/17/91-07/14/93	1	2	
FOPU0055	No	34208	ACENAPHTHENE DRY WGTBOTUG/KG	04/17/93-04/17/93	0	14	
FOPU0068	No	34208	ACENAPHTHENE DRY WGTBOTUG/KG	04/17/93-04/17/93	0	13	
FOPU0085	No	34208	ACENAPHTHENE DRY WGTBOTUG/KG	04/17/93-04/17/93	0	15	
FOPU0088	No	34208	ACENAPHTHENE DRY WGTBOTUG/KG	03/15/85-06/19/95	10	4	
FOPU0088	No	34209	ACENAPHTHENE WET WGTTISMG/KG	03/15/85-06/19/95	10	5	
FOPU0089	No	34210	ACROLEIN TOTWUG/L	07/17/91-07/17/91	0	1	
FOPU0089	No	34215	ACRYLONITRILE TOTWUG/L	07/17/91-07/17/91	0	1	
FOPU0089	No	34220	ANTHRACENE TOTWUG/L	07/17/91-07/14/93	1	2	
FOPU0055	No	34223	ANTHRACENE DRY WGTBOTUG/KG	04/17/93-04/17/93	0	14	
FOPU0068	No	34223	ANTHRACENE DRY WGTBOTUG/KG	04/17/93-04/17/93	0	13	
FOPU0085	No	34223	ANTHRACENE DRY WGTBOTUG/KG	04/17/93-04/17/93	0	15	
FOPU0088	No	34223	ANTHRACENE DRY WGTBOTUG/KG	03/15/85-06/19/95	10	4	
FOPU0088	No	34224	ANTHRACENE WET WGTTISMG/KG	03/15/85-07/15/86	1	3	
FOPU0089	No	34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	07/17/91-07/14/93	1	2	
FOPU0055	No	34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	04/17/93-04/17/93	0	14	
FOPU0068	No	34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	04/17/93-04/17/93	0	13	
FOPU0085	No	34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	04/17/93-04/17/93	0	15	
FOPU0088	No	34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	03/15/85-06/19/95	10	4	
FOPU0088	No	34234	BENZO(B)FLUORANTHENE,TISSUE,WET WGT,MG/KG	03/15/85-06/19/95	10	5	

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Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
FOPU0088	No	34237	BENZENE DRY WGTBOTUG/KG	03/15/85-06/19/95	10	4	
FOPU0088	No	34238	BENZENE WET WGTTISMG/KG	03/15/85-06/19/95	10	5	
FOPU0088	No	34241	BENZIDINE WET WGTTISMG/KG	03/15/85-03/15/85	0	1	
FOPU0089	No	34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	07/17/91-07/14/93	1	2	
FOPU0055	No	34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	04/17/93-04/17/93	0	14	
FOPU0068	No	34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	04/17/93-04/17/93	0	13	
FOPU0085	No	34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	04/17/93-04/17/93	0	15	
FOPU0088	No	34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	03/15/85-06/19/95	10	4	
FOPU0088	No	34246	BENZO(K)FLUORANTHENE, WET WT, TISSUE MG/KG	03/15/85-06/19/95	10	5	
FOPU0089	No	34247	BENZO-A-PYRENE TOTWUG/L	07/17/91-07/14/93	1	2	
FOPU0055	No	34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	04/17/93-04/17/93	0	14	
FOPU0068	No	34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	04/17/93-04/17/93	0	13	
FOPU0085	No	34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	04/17/93-04/17/93	0	15	
FOPU0088	No	34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	03/15/85-06/19/95	10	4	
FOPU0088	No	34251	BENZO-A-PYRENE WET WGTTISMG/KG	03/15/85-06/19/95	10	5	
FOPU0088	No	34252	BERYLLIUM WET WGTTISMG/KG	07/07/87-07/07/87	0	1	
FOPU0088	No	34257	B-BHC-BETA DRY WGTBOTUG/KG	03/15/85-06/19/95	10	4	
FOPU0089	No	34257	B-BHC-BETA DRY WGTBOTUG/KG	10/02/79-07/14/93	13	9	
FOPU0089	No	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	07/17/91-07/14/93	1	2	
FOPU0089	No	34262	DELTA BENZENE HEXACHLORIDE DRY WGTBOTUG/KG	07/17/91-07/14/93	1	2	
FOPU0089	No	34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	07/17/91-07/14/93	1	2	
FOPU0088	No	34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	03/15/85-06/19/95	10	4	
FOPU0088	No	34277	BIS (2-CHLOROETHYL) ETHER WET WGTTISMG/KG	03/15/85-06/19/95	10	3	
FOPU0089	No	34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	07/17/91-07/14/93	1	2	
FOPU0088	No	34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	03/15/85-06/19/95	10	4	
FOPU0088	No	34282	BIS (2-CHLOROETHOXY) METHANE WET WGTTISMG/KG	03/15/85-06/19/95	10	3	
FOPU0089	No	34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	07/17/91-07/14/93	1	2	
FOPU0088	No	34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	03/15/85-06/19/95	10	4	
FOPU0088	No	34287	BIS (2-CHLOROISOPROPYL) ETHER WET WGTTISMG/KG	03/15/85-06/19/95	10	3	
FOPU0088	No	34290	BROMOFORM DRY WGTBOTUG/KG	03/15/85-06/19/95	10	4	
FOPU0088	No	34291	BROMOFORM WET WGTTISMG/KG	03/15/85-06/19/95	10	5	
FOPU0089	No	34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	07/17/91-07/14/93	1	2	
FOPU0088	No	34299	CARBON TETRACHLORIDE DRY WGTBOTUG/KG	03/15/85-06/19/95	10	4	
FOPU0088	No	34300	CARBON TETRACHLORIDE WET WGTTISMG/KG	03/15/85-06/19/95	10	5	
FOPU0088	No	34301	CHLOROBENZENE TOTWUG/L	06/19/95-06/19/95	0	1	
FOPU0089	No	34301	CHLOROBENZENE TOTWUG/L	07/17/91-07/14/93	1	2	
FOPU0088	No	34304	CHLOROBENZENE DRY WGTBOTUG/KG	03/15/85-03/09/87	1	3	
FOPU0088	No	34305	CHLOROBENZENE WET WGTTISMG/KG	03/15/85-06/19/95	10	5	
FOPU0089	No	34306	CHLORODIBROMOMETHANE TOTWUG/L	07/17/91-07/14/93	1	2	
FOPU0088	No	34310	CHLORODIBROMOMETHANE WET WGTTISMG/KG	03/15/85-06/19/95	10	5	
FOPU0089	No	34311	CHLOROETHANE TOTWUG/L	07/17/91-07/14/93	1	2	
FOPU0088	No	34314	CHLOROETHANE DRY WGTBOTUG/KG	03/15/85-06/19/95	10	4	
FOPU0088	No	34315	CHLOROETHANE WET WGTTISMG/KG	03/15/85-06/19/95	10	5	
FOPU0088	No	34318	CHLOROFORM DRY WGTBOTUG/KG	03/15/85-06/19/95	10	4	
FOPU0088	No	34319	CHLOROFORM WET WGTTISMG/KG	03/15/85-06/19/95	10	5	
FOPU0089	No	34320	CHRYSENE TOTWUG/L	07/17/91-07/14/93	1	2	
FOPU0055	No	34323	CHRYSENE DRY WGTBOTUG/KG	04/17/93-04/17/93	0	14	
FOPU0068	No	34323	CHRYSENE DRY WGTBOTUG/KG	04/17/93-04/17/93	0	13	
FOPU0085	No	34323	CHRYSENE DRY WGTBOTUG/KG	04/17/93-04/17/93	0	15	
FOPU0088	No	34323	CHRYSENE DRY WGTBOTUG/KG	03/15/85-06/19/95	10	4	
FOPU0088	No	34324	CHRYSENE WET WGTTISMG/KG	03/15/85-06/19/95	10	5	
FOPU0088	No	34330	DICHLOROBROMOMETHANE DRY WGTBOTUG/KG	03/15/85-06/19/95	10	4	
FOPU0088	No	34331	DICHLOROBROMOMETHANE WET WGTTISMG/KG	03/15/85-06/19/95	10	5	
FOPU0089	No	34336	DIETHYL PHTHALATE TOTWUG/L	07/17/91-07/14/93	1	2	
FOPU0088	No	34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	03/15/85-06/19/95	10	4	
FOPU0088	No	34340	DIETHYL PHTHALATE WET WGTTISMG/KG	03/15/85-06/19/95	10	3	
FOPU0089	No	34341	DIMETHYL PHTHALATE TOTWUG/L	07/17/91-07/14/93	1	2	
FOPU0088	No	34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	03/15/85-06/19/95	10	4	
FOPU0088	No	34345	DIMETHYL PHTHALATE WET WGTTISMG/KG	03/15/85-06/19/95	10	3	
FOPU0089	No	34351	ENDOSULFAN SULFATE TOTWUG/L	07/17/91-07/14/93	1	2	
FOPU0088	No	34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	03/15/85-06/19/95	10	3	
FOPU0089	No	34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	07/17/91-07/14/93	1	2	
FOPU0088	No	34355	ENDOSULFAN SULFATE WET WGTTISMG/KG	06/19/95-06/19/95	0	2	
FOPU0089	No	34356	ENDOSULFAN, BETA TOTWUG/L	07/17/91-07/14/93	1	2	
FOPU0088	No	34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	03/15/85-06/19/95	10	3	
FOPU0089	No	34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	07/17/91-07/14/93	1	2	
FOPU0088	No	34360	ENDOSULFAN, BETA WET WGTTISMG/KG	06/19/95-06/19/95	0	2	
FOPU0089	No	34361	ENDOSULFAN, ALPHA TOTWUG/L	07/17/91-07/14/93	1	2	
FOPU0088	No	34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	03/15/85-06/19/95	10	3	
FOPU0089	No	34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	07/17/91-07/14/93	1	2	
FOPU0088	No	34365	ENDOSULFAN, ALPHA WET WGTTISMG/KG	06/19/95-06/19/95	0	2	
FOPU0089	No	34366	ENDRIN ALDEHYDE TOTWUG/L	07/17/91-07/14/93	1	2	

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

Station/Parameter Period of Record Tabulation
From 03/07/60 To 12/10/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
FOPU0088	No	34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	03/15/85-06/19/95	10	3	
FOPU0089	No	34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	07/17/91-07/14/93	1	2	
FOPU0088	No	34370	ENDRIN ALDEHYDE WET WGTTISMG/KG	06/19/95-06/19/95	0	2	
FOPU0089	No	34371	ETHYLBENZENE TOTWUG/L	07/17/91-07/14/93	1	2	
FOPU0088	No	34374	ETHYLBENZENE DRY WGTBOTUG/KG	03/15/85-06/19/95	10	4	
FOPU0088	No	34375	ETHYLBENZENE WET WGTTISMG/KG	03/15/85-06/19/95	10	5	
FOPU0089	No	34376	FLUORANTHENE TOTWUG/L	07/17/91-07/14/93	1	2	
FOPU0055	No	34379	FLUORANTHENE DRY WGTBOTUG/KG	04/17/93-04/17/93	0	14	
FOPU0068	No	34379	FLUORANTHENE DRY WGTBOTUG/KG	04/17/93-04/17/93	0	13	
FOPU0085	No	34379	FLUORANTHENE DRY WGTBOTUG/KG	04/17/93-04/17/93	0	15	
FOPU0088	No	34379	FLUORANTHENE DRY WGTBOTUG/KG	03/15/85-06/19/95	10	4	
FOPU0088	No	34380	FLUORANTHENE WET WGTTISMG/KG	03/15/85-06/19/95	10	5	
FOPU0089	No	34381	FLUORENE TOTWUG/L	07/17/91-07/14/93	1	2	
FOPU0055	No	34384	FLUORENE DRY WGTBOTUG/KG	04/17/93-04/17/93	0	14	
FOPU0068	No	34384	FLUORENE DRY WGTBOTUG/KG	04/17/93-04/17/93	0	13	
FOPU0085	No	34384	FLUORENE DRY WGTBOTUG/KG	04/17/93-04/17/93	0	15	
FOPU0088	No	34384	FLUORENE DRY WGTBOTUG/KG	03/15/85-06/19/95	10	4	
FOPU0088	No	34385	FLUORENE WET WGTTISMG/KG	03/15/85-06/19/95	10	5	
FOPU0089	No	34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	07/17/91-07/14/93	1	2	
FOPU0088	No	34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	03/15/85-06/19/95	10	4	
FOPU0088	No	34390	HEXACHLOROCYCLOPENTADIENE WET WGTTISMG/KG	03/15/85-06/19/95	10	3	
FOPU0088	No	34395	HEXACHLOROBUTADIENE WET WGTTISMG/KG	03/15/85-06/19/95	10	3	
FOPU0089	No	34396	HEXACHLOROETHANE TOTWUG/L	07/17/91-07/14/93	1	2	
FOPU0088	No	34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	03/15/85-06/19/95	10	4	
FOPU0088	No	34400	HEXACHLOROETHANE WET WGTTISMG/KG	03/15/85-06/19/95	10	3	
FOPU0089	No	34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	07/17/91-07/14/93	1	2	
FOPU0055	No	34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	04/17/93-04/17/93	0	14	
FOPU0068	No	34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	04/17/93-04/17/93	0	13	
FOPU0085	No	34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	04/17/93-04/17/93	0	15	
FOPU0088	No	34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	03/15/85-06/19/95	10	4	
FOPU0088	No	34407	INDENO (1,2,3-CD) PYRENE WET WGTTISMG/KG	03/15/85-06/19/95	10	5	
FOPU0089	No	34408	ISOPHORONE TOTWUG/L	07/17/91-07/14/93	1	2	
FOPU0088	No	34411	ISOPHORONE DRY WGTBOTUG/KG	03/15/85-06/19/95	10	4	
FOPU0088	No	34412	ISOPHORONE WET WGTTISMG/KG	03/15/85-06/19/95	10	3	
FOPU0089	No	34413	METHYL BROMIDE TOTWUG/L	07/17/91-07/14/93	1	2	
FOPU0089	No	34418	METHYL CHLORIDE TOTWUG/L	07/17/91-07/14/93	1	2	
FOPU0089	No	34423	METHYLENE CHLORIDE TOTWUG/L	07/17/91-07/14/93	1	2	
FOPU0088	No	34426	METHYLENE CHLORIDE DRY WGTBOTUG/KG	03/15/85-06/19/95	10	4	
FOPU0088	No	34427	METHYLENE CHLORIDE WET WGTTISMG/KG	03/15/85-06/19/95	10	5	
FOPU0089	No	34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	07/17/91-07/14/93	1	2	
FOPU0088	No	34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	03/15/85-06/19/95	10	4	
FOPU0088	No	34432	N-NITROSODI-N-PROPYLAMINE WET WGTTISMG/KG	03/15/85-06/19/95	10	3	
FOPU0089	No	34433	N-NITROSODIPHENYLAMINE TOTWUG/L	07/17/91-07/14/93	1	2	
FOPU0088	No	34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	03/15/85-06/19/95	10	4	
FOPU0088	No	34437	N-NITROSODIPHENYLAMINE WET WGTTISMG/KG	03/15/85-06/19/95	10	3	
FOPU0089	No	34438	N-NITROSODIMETHYLAMINE TOTWUG/L	07/17/91-07/14/93	1	2	
FOPU0088	No	34441	N-NITROSODIMETHYLAMINE DRY WGTBOTUG/KG	03/15/85-06/19/95	10	4	
FOPU0088	No	34442	N-NITROSODIMETHYLAMINE WET WGTTISMG/KG	03/15/85-06/19/95	10	3	
FOPU0055	No	34445	NAPHTHALENE DRY WGTBOTUG/KG	04/17/93-04/17/93	0	14	
FOPU0068	No	34445	NAPHTHALENE DRY WGTBOTUG/KG	04/17/93-04/17/93	0	13	
FOPU0085	No	34445	NAPHTHALENE DRY WGTBOTUG/KG	04/17/93-04/17/93	0	15	
FOPU0088	No	34445	NAPHTHALENE DRY WGTBOTUG/KG	03/15/85-06/19/95	10	4	
FOPU0088	No	34446	NAPHTHALENE WET WGTTISMG/KG	03/15/85-06/19/95	10	5	
FOPU0089	No	34447	NITROBENZENE TOTWUG/L	07/17/91-07/14/93	1	2	
FOPU0088	No	34450	NITROBENZENE DRY WGTBOTUG/KG	03/15/85-06/19/95	10	4	
FOPU0088	No	34451	NITROBENZENE WET WGTTISMG/KG	03/15/85-06/19/95	10	3	
FOPU0089	No	34452	PARACHLOROMETA CRESOL TOTWUG/L	07/17/91-07/14/93	1	2	
FOPU0088	No	34456	PARACHLOROMETA CRESOL WET WGTTISMG/KG	03/15/85-06/19/95	10	3	
FOPU0089	No	34461	PHENANTHRENE TOTWUG/L	07/17/91-07/14/93	1	2	
FOPU0055	No	34464	PHENANTHRENE DRY WGTBOTUG/KG	04/17/93-04/17/93	0	14	
FOPU0068	No	34464	PHENANTHRENE DRY WGTBOTUG/KG	04/17/93-04/17/93	0	13	
FOPU0085	No	34464	PHENANTHRENE DRY WGTBOTUG/KG	04/17/93-04/17/93	0	15	
FOPU0088	No	34464	PHENANTHRENE DRY WGTBOTUG/KG	03/15/85-06/19/95	10	4	
FOPU0088	No	34465	PHENANTHRENE WET WGTTISMG/KG	03/15/85-06/19/95	10	5	
FOPU0088	No	34468	PHENOL WET WGTTISMG/KG	03/15/85-06/19/95	10	3	
FOPU0089	No	34469	PYRENE TOTWUG/L	07/17/91-07/14/93	1	2	
FOPU0055	No	34472	PYRENE DRY WGTBOTUG/KG	04/17/93-04/17/93	0	14	
FOPU0068	No	34472	PYRENE DRY WGTBOTUG/KG	04/17/93-04/17/93	0	13	
FOPU0085	No	34472	PYRENE DRY WGTBOTUG/KG	04/17/93-04/17/93	0	15	
FOPU0088	No	34472	PYRENE DRY WGTBOTUG/KG	03/15/85-06/19/95	10	4	
FOPU0088	No	34473	PYRENE WET WGTTISMG/KG	03/15/85-06/19/95	10	5	
FOPU0088	No	34474	SILVER WET WGTTISMG/KG	07/07/87-07/07/87	0	1	

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

Station/Parameter Period of Record Tabulation
From 03/07/60 To 12/10/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
FOPU0089	No	34475	TETRACHLOROETHYLENE TOTWUG/L	07/17/91-07/14/93	1	2	
FOPU0088	No	34478	TETRACHLOROETHYLENE DRY WGTBOTUG/KG	03/15/85-06/19/95	10	4	
FOPU0088	No	34479	TETRACHLOROETHYLENE WET WGTTISMG/KG	03/15/85-06/19/95	10	5	
FOPU0089	No	34480	THALLIUM DRY WGTBOTMG/KG	07/17/91-07/14/93	1	2	
FOPU0088	No	34483	TOLUENE DRY WGTBOTUG/KG	03/15/85-06/19/95	10	4	
FOPU0088	No	34484	TOLUENE WET WGTTISMG/KG	03/15/85-06/19/95	10	5	
FOPU0088	No	34487	TRICHLOROETHYLENE DRY WGTBOTUG/KG	03/15/85-06/19/95	10	4	
FOPU0089	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	07/17/91-07/14/93	1	2	
FOPU0088	No	34491	TRICHLOROFLUOROMETHANE DRY WGTBOTUG/KG	03/15/85-06/19/95	10	4	
FOPU0088	No	34492	TRICHLOROFLUOROMETHANE WET WGTTISMG/KG	03/15/85-06/19/95	10	5	
FOPU0088	No	34495	VINYL CHLORIDE DRY WGTBOTUG/KG	03/15/85-06/19/95	10	4	
FOPU0089	No	34496	1,1-DICHLOROETHANE TOTWUG/L	07/17/91-07/14/93	1	2	
FOPU0088	No	34499	1,1-DICHLOROETHANE DRY WGTBOTUG/KG	03/15/85-06/19/95	10	4	
FOPU0088	No	34500	1,1-DICHLOROETHANE WET WGTTISMG/KG	03/15/85-06/19/95	10	5	
FOPU0089	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	07/17/91-07/14/93	1	2	
FOPU0088	No	34504	1,1-DICHLOROETHYLENE DRY WGTBOTUG/KG	03/15/85-06/19/95	10	4	
FOPU0088	No	34505	1,1-DICHLOROETHYLENE WET WGTTISMG/KG	03/15/85-06/19/95	10	5	
FOPU0089	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	07/17/91-07/14/93	1	2	
FOPU0088	No	34509	1,1,1-TRICHLOROETHANE DRY WGTBOTUG/KG	03/15/86-06/19/95	9	4	
FOPU0088	No	34510	1,1,1-TRICHLOROETHANE WET WGTTISMG/KG	03/15/85-06/19/95	10	5	
FOPU0089	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	07/17/91-07/14/93	1	2	
FOPU0088	No	34514	1,1,2-TRICHLOROETHANE DRY WGTBOTUG/KG	03/15/85-06/19/95	10	4	
FOPU0088	No	34515	1,1,2-TRICHLOROETHANE WET WGTTISMG/KG	03/15/85-06/19/95	10	5	
FOPU0089	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	07/17/91-07/14/93	1	2	
FOPU0088	No	34519	1,1,2,2-TETRACHLOROETHANE DRY WGTBOTUG/KG	03/15/85-06/19/95	10	4	
FOPU0088	No	34520	1,1,2,2-TETRACHLOROETHANE WET WGTTISMG/KG	03/15/85-06/19/95	10	5	
FOPU0089	No	34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	07/17/91-07/14/93	1	2	
FOPU0055	No	34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	04/17/93-04/17/93	0	14	
FOPU0068	No	34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	04/17/93-04/17/93	0	13	
FOPU0085	No	34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	04/17/93-04/17/93	0	15	
FOPU0088	No	34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	03/15/85-06/19/95	10	3	
FOPU0089	No	34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	07/17/91-07/14/93	1	2	
FOPU0055	No	34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	04/17/93-04/17/93	0	14	
FOPU0068	No	34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	04/17/93-04/17/93	0	13	
FOPU0085	No	34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	04/17/93-04/17/93	0	15	
FOPU0088	No	34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	03/15/85-06/19/95	10	4	
FOPU0088	No	34530	BENZO(A)ANTHRACENE1,2-BENZANTHRACENWET WGTTISMG/KG	03/15/85-06/19/95	10	5	
FOPU0088	No	34534	1,2-DICHLOROETHANE DRY WGTBOTUG/KG	03/15/85-06/19/95	10	4	
FOPU0088	No	34535	1,2-DICHLOROETHANE WET WGTTISMG/KG	03/15/85-06/19/95	10	5	
FOPU0089	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	07/17/91-07/14/93	1	2	
FOPU0088	No	34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	03/15/85-06/19/95	10	4	
FOPU0088	No	34540	1,2-DICHLOROBENZENE WET WGTTISMG/KG	03/15/85-06/19/95	10	5	
FOPU0089	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	07/17/91-07/14/93	1	2	
FOPU0088	No	34544	1,2-DICHLOROPROPANE DRY WGTBOTUG/KG	03/15/85-06/19/95	10	4	
FOPU0088	No	34545	1,2-DICHLOROPROPANE WET WGTTISMG/KG	03/15/85-06/19/95	10	5	
FOPU0089	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	07/17/91-07/14/93	1	2	
FOPU0088	No	34549	TRANS-1,2-DICHLOROETHENE, IN SED. DRY WT. UG/KG	03/15/85-06/19/95	10	4	
FOPU0088	No	34550	TRANS-1,2-DICHLOROETHENE, IN TISSUE, WET WT. MG/KG	03/15/85-06/19/95	10	5	
FOPU0089	No	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	07/17/91-07/14/93	1	2	
FOPU0088	No	34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	03/15/85-06/19/95	10	4	
FOPU0088	No	34555	1,2,4-TRICHLOROBENZENE WET WGTTISMG/KG	03/15/85-06/19/95	10	3	
FOPU0089	No	34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	07/17/91-07/14/93	1	2	
FOPU0055	No	34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	04/17/93-04/17/93	0	14	
FOPU0068	No	34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	04/17/93-04/17/93	0	13	
FOPU0085	No	34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	04/17/93-04/17/93	0	15	
FOPU0088	No	34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	03/15/85-06/19/95	10	3	
FOPU0088	No	34560	1,2,5,6-DIBENZANTHRACENE WET WGTTISMG/KG	06/19/95-06/19/95	0	2	
FOPU0089	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	07/17/91-07/14/93	1	2	
FOPU0088	No	34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	03/15/85-06/19/95	10	4	
FOPU0088	No	34570	1,3-DICHLOROBENZENE WET WGTTISMG/KG	03/15/85-06/19/95	10	5	
FOPU0089	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	07/17/91-07/14/93	1	2	
FOPU0088	No	34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	03/15/85-06/19/95	10	4	
FOPU0088	No	34575	1,4-DICHLOROBENZENE WET WGTTISMG/KG	03/15/85-06/19/95	10	5	
FOPU0089	No	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	07/17/91-07/17/91	0	1	
FOPU0088	No	34579	2-CHLOROETHYL VINYL ETHER DRY WGTBOTUG/KG	03/15/85-06/19/95	10	4	
FOPU0088	No	34580	2-CHLOROETHYL VINYL ETHER WET WGTTISMG/KG	03/15/85-06/19/95	10	5	
FOPU0089	No	34581	2-CHLORONAPHTHALENE TOTWUG/L	07/17/91-07/14/93	1	2	
FOPU0088	No	34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	03/15/85-06/19/95	10	4	
FOPU0088	No	34585	2-CHLORONAPHTHALENE WET WGTTISMG/KG	03/15/85-06/19/95	10	3	
FOPU0089	No	34586	2-CHLOROPHENOL TOTWUG/L	07/17/91-07/14/93	1	2	
FOPU0088	No	34589	2-CHLOROPHENOL DRY WGTBOTUG/KG	03/15/85-06/19/95	10	4	
FOPU0088	No	34590	2-CHLOROPHENOL WET WGTTISMG/KG	03/15/85-06/19/95	10	3	

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

Station/Parameter Period of Record Tabulation
From 03/07/60 To 12/10/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
FOPU0089	No	34591	2-NITROPHENOL TOTWUG/L	07/17/91-07/14/93	1	2	
FOPU0088	No	34594	2-NITROPHENOL DRY WGTBOTUG/KG	03/15/85-06/19/95	10	4	
FOPU0088	No	34595	2-NITROPHENOL WET WGTTISMG/KG	03/15/85-06/19/95	10	3	
FOPU0089	No	34595	2-NITROPHENOL WET WGTTISMG/KG	07/14/93-07/14/93	0	1	
FOPU0089	No	34596	DI-N-OCTYL PHTHALATE TOTWUG/L	07/17/91-07/14/93	1	2	
FOPU0088	No	34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	03/15/85-06/19/95	10	4	
FOPU0088	No	34600	DI-N-OCTYL PHTHALATE WET WGTTISMG/KG	03/15/85-06/19/95	10	3	
FOPU0089	No	34601	2,4-DICHLOROPHENOL TOTWUG/L	07/17/91-07/14/93	1	2	
FOPU0088	No	34604	2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	03/15/85-06/19/95	10	4	
FOPU0088	No	34605	2,4-DICHLOROPHENOL WET WGTTISMG/KG	03/15/85-06/19/95	10	3	
FOPU0089	No	34606	2,4-DIMETHYLPHENOL TOTWUG/L	07/17/91-07/14/93	1	2	
FOPU0088	No	34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	03/15/85-06/19/95	10	4	
FOPU0088	No	34610	2,4-DIMETHYLPHENOL WET WGTTISMG/KG	03/15/85-06/19/95	10	3	
FOPU0089	No	34611	2,4-DINITROTOLUENE TOTWUG/L	07/17/91-07/14/93	1	2	
FOPU0088	No	34614	2,4-DINITROTOLUENE DRY WGTBOTUG/KG	03/15/85-06/19/95	10	4	
FOPU0088	No	34615	2,4-DINITROTOLUENE WET WGTTISMG/KG	03/15/85-06/19/95	10	3	
FOPU0089	No	34616	2,4-DINITROPHENOL TOTWUG/L	07/17/91-07/14/93	1	2	
FOPU0088	No	34619	2,4-DINITROPHENOL DRY WGTBOTUG/KG	03/15/85-03/09/87	1	3	
FOPU0088	No	34620	2,4-DINITROPHENOL WET WGTTISMG/KG	03/15/85-03/15/85	0	1	
FOPU0089	No	34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	07/17/91-07/14/93	1	2	
FOPU0088	No	34624	2,4,6-TRICHLOROPHENOL DRY WGTBOTUG/KG	03/15/85-06/19/95	10	4	
FOPU0088	No	34625	2,4,6-TRICHLOROPHENOL WET WGTTISMG/KG	03/15/85-06/19/95	10	3	
FOPU0089	No	34626	2,6-DINITROTOLUENE TOTWUG/L	07/17/91-07/14/93	1	2	
FOPU0088	No	34629	2,6-DINITROTOLUENE DRY WGTBOTUG/KG	03/15/85-06/19/95	10	4	
FOPU0088	No	34630	2,6-DINITROTOLUENE WET WGTTISMG/KG	03/15/85-06/19/95	10	3	
FOPU0089	No	34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	07/17/91-07/14/93	1	2	
FOPU0088	No	34634	3,3'-DICHLOROBENZIDINE DRY WGTBOTUG/KG	03/15/85-06/19/95	10	4	
FOPU0088	No	34635	3,3'-DICHLOROBENZIDINE WET WGTTISMG/KG	03/15/85-06/19/95	10	3	
FOPU0089	No	34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	07/17/91-07/14/93	1	2	
FOPU0088	No	34638	4-BROMOPHENYL PHENYL ETHER SUSPUG/L	03/15/85-03/15/85	0	1	
FOPU0088	No	34639	4-BROMOPHENYL PHENYL ETHER DRY WGTBOTUG/KG	03/15/85-06/19/95	10	4	
FOPU0088	No	34640	4-BROMOPHENYL PHENYL ETHER WET WGTTISMG/KG	03/15/85-06/19/95	10	3	
FOPU0089	No	34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	07/17/91-07/14/93	1	2	
FOPU0088	No	34644	4-CHLOROPHENYL PHENYL ETHER DRY WGTBOTUG/KG	03/15/85-06/19/95	10	4	
FOPU0088	No	34645	4-CHLOROPHENYL PHENYL ETHER WET WGTTISMG/KG	03/15/85-06/19/95	10	3	
FOPU0089	No	34646	4-NITROPHENOL TOTWUG/L	07/17/91-07/14/93	1	2	
FOPU0088	No	34649	4-NITROPHENOL DRY WGTBOTUG/KG	03/15/85-06/19/95	10	4	
FOPU0088	No	34650	4-NITROPHENOL WET WGTTISMG/KG	03/15/85-06/19/95	10	3	
FOPU0089	No	34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	07/17/91-07/14/93	1	2	
FOPU0088	No	34661	DNOC (4,6-DINITRO-ORTHO-CRESOL) WET WGTTISMG/KG	03/15/85-06/19/95	10	3	
FOPU0088	No	34664	PCB - 1221 WET WGTTISMG/KG	06/19/95-06/19/95	0	2	
FOPU0088	No	34667	PCB - 1232 WET WGTTISMG/KG	06/19/95-06/19/95	0	2	
FOPU0088	No	34669	PCB - 1248 WET WGTTISMG/KG	06/19/95-06/19/95	0	2	
FOPU0088	No	34670	PCB - 1260 WET WGTTISMG/KG	06/19/95-06/19/95	0	2	
FOPU0089	No	34671	PCB - 1016 TOTWUG/L	07/17/91-07/14/93	1	2	
FOPU0088	No	34674	PCB - 1016 WET WGTTISMG/KG	06/19/95-06/19/95	0	2	
FOPU0088	No	34683	DI-N-BUTYL PHTHALATE,TISSUE,WET WGTWET WGT	06/19/95-06/19/95	0	2	
FOPU0088	No	34688	HEXACHLOROBENZENE WET WGTTISMG/KG	03/15/85-06/19/95	10	3	
FOPU0088	No	34689	PCB - 1242 WET WGTTISMG/KG	06/19/95-06/19/95	0	2	
FOPU0088	No	34690	PCB - 1254 WET WGTTISMG/KG	06/19/95-06/19/95	0	2	
FOPU0088	No	34692	TRICHLOROETHYLENE WET WGTTISMG/KG	03/15/85-06/19/95	10	5	
FOPU0088	No	34693	VINYL CHLORIDE WET WGTTISMG/KG	03/15/85-06/19/95	10	5	
FOPU0089	No	34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	07/17/91-07/14/93	1	2	
FOPU0088	No	34695	PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGTTUG/KG	03/15/85-06/19/95	10	4	
FOPU0089	No	34695	PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGTTUG/KG	09/14/87-08/09/89	1	2	
FOPU0089	No	34696	NAPHTHALENE TOTWUG/L	07/17/91-07/14/93	1	2	
FOPU0088	No	34697	TRANS-1,3-DICHLOROPROPENE SEDIMENT DRY WGT UG/KG	03/15/85-06/19/95	10	4	
FOPU0088	No	34698	TRANS-1,3-DICHLOROPROPENEFISH TISSUE WET WGT MG/KG	03/15/85-06/19/95	10	5	
FOPU0089	No	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	07/17/91-07/14/93	1	2	
FOPU0088	No	34702	CIS-1,3-DICHLOROPROPENE SEDIMENT DRY WEIGHT UG/KG	03/15/85-06/19/95	10	4	
FOPU0088	No	34703	CIS-1,3-DICHLOROPROPENE FISH TISSUE WET WGT MG/KG	03/15/85-06/19/95	10	5	
FOPU0089	No	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	07/17/91-07/14/93	1	2	
FOPU0089	No	38702	AOP (AMBAM OXIDATION PRODUCT) WATER, SUSUG/L	07/17/91-07/14/93	1	2	
FOPU0089	No	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	07/17/91-07/14/93	1	2	
FOPU0088	No	39060	PCP (PENTACHLOROPHENOL) IN TISSUE WET WGT UG/G	03/15/85-06/19/95	10	3	
FOPU0089	No	39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	10/06/81-07/14/93	11	8	
FOPU0088	No	39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	03/15/85-06/19/95	10	5	
FOPU0088	No	39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	03/15/85-06/19/95	10	4	
FOPU0089	No	39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	11/01/77-07/14/93	15	10	
FOPU0088	No	39099	BIS(2-ETHYLHEXYL)PHTHALATE,TISSUE,WET WGT,MG/KG	03/15/85-06/19/95	10	3	
FOPU0089	No	39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	07/17/91-07/14/93	1	2	
FOPU0088	No	39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	03/15/85-06/19/95	10	4	

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Station/Parameter Period of Record Tabulation
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Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
FOPU0089	No	39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	07/17/91-07/14/93	1	2	
FOPU0088	No	39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	03/15/85-06/19/95	10	4	
FOPU0089	No	39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	07/17/91-07/14/93	1	2	
FOPU0088	No	39121	BENZIDINE IN BOTTOM DEPOS UG/KG DRY SOLIDS	03/15/85-03/09/87	1	3	
FOPU0089	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	07/17/91-07/14/93	1	2	
FOPU0089	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	07/17/91-07/14/93	1	2	
FOPU0089	No	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	07/17/91-07/14/93	1	2	
FOPU0055	No	39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/17/93-04/17/93	0	14	
FOPU0085	No	39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/17/93-04/17/93	0	15	
FOPU0088	No	39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	03/15/85-06/19/95	10	4	
FOPU0089	No	39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/28/73-07/14/93	19	3	
FOPU0088	No	39302	P P DDT IN TISSUE WET WGT (UG/G)	06/19/95-06/19/95	0	2	
FOPU0055	No	39306	O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/17/93-04/17/93	0	14	
FOPU0085	No	39306	O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/17/93-04/17/93	0	15	
FOPU0088	No	39306	O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	03/15/85-03/09/87	1	3	
FOPU0089	No	39306	O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/28/73-11/28/73	0	1	
FOPU0089	No	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	07/17/91-07/14/93	1	2	
FOPU0055	No	39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/17/93-04/17/93	0	14	
FOPU0085	No	39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/17/93-04/17/93	0	15	
FOPU0088	No	39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	03/15/85-06/19/95	10	4	
FOPU0089	No	39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/28/73-07/14/93	19	3	
FOPU0088	No	39312	P P DDD IN TISSUE WET WGT (UG/G)	06/19/95-06/19/95	0	2	
FOPU0055	No	39316	O,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/17/93-04/17/93	0	14	
FOPU0085	No	39316	O,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/17/93-04/17/93	0	15	
FOPU0088	No	39316	O,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	03/15/85-03/09/87	1	3	
FOPU0089	No	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	07/17/91-07/14/93	1	2	
FOPU0055	No	39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/17/93-04/17/93	0	14	
FOPU0085	No	39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/17/93-04/17/93	0	15	
FOPU0088	No	39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	03/15/85-06/19/95	10	4	
FOPU0089	No	39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/28/73-07/14/93	19	3	
FOPU0088	No	39322	P,P'-DDE IN TISSUE WET WGT MG/KG	06/19/95-06/19/95	0	2	
FOPU0055	No	39328	O,P'DDE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	04/17/93-04/17/93	0	14	
FOPU0085	No	39328	O,P'DDE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	04/17/93-04/17/93	0	15	
FOPU0088	No	39328	O,P'DDE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	03/15/85-03/09/87	1	3	
FOPU0089	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	07/17/91-07/14/93	1	2	
FOPU0055	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/17/93-04/17/93	0	14	
FOPU0085	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/17/93-04/17/93	0	15	
FOPU0088	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	03/15/85-06/19/95	10	4	
FOPU0089	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/28/73-07/14/93	19	11	
FOPU0088	No	39334	ALDRIN IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	03/15/85-06/19/95	10	5	
FOPU0089	No	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	07/17/91-07/14/93	1	2	
FOPU0089	No	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	07/17/91-07/14/93	1	2	
FOPU0089	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	07/17/91-07/14/93	1	2	
FOPU0055	No	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	04/17/93-04/17/93	0	14	
FOPU0085	No	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	04/17/93-04/17/93	0	15	
FOPU0089	No	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	08/09/89-07/14/93	3	3	
FOPU0088	No	39349	CHLORDANE IN FISH OR ANIMALS WET WGT UG/KG	03/15/85-06/19/95	10	5	
FOPU0007	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	09/02/87-09/02/87	0	1	
FOPU0014	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	09/02/87-09/02/87	0	1	
FOPU0037	Yes	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	06/18/85-09/02/87	2	2	
FOPU0089	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	07/17/91-07/14/93	1	2	
FOPU0007	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	09/02/87-09/02/87	0	1	
FOPU0014	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	09/02/87-09/02/87	0	1	
FOPU0037	Yes	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	09/02/87-09/02/87	0	1	
FOPU0088	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	03/15/85-06/19/95	10	3	
FOPU0089	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	11/01/77-07/14/93	15	10	
FOPU0007	No	39359	DDT SUM ANALOGS IN SEDIMENT UG/KG DRY WEIGHT	09/02/87-09/02/87	0	1	
FOPU0014	No	39359	DDT SUM ANALOGS IN SEDIMENT UG/KG DRY WEIGHT	09/02/87-09/02/87	0	1	
FOPU0037	Yes	39359	DDT SUM ANALOGS IN SEDIMENT UG/KG DRY WEIGHT	09/02/87-09/02/87	0	1	
FOPU0089	No	39359	DDT SUM ANALOGS IN SEDIMENT UG/KG DRY WEIGHT	10/08/83-07/14/93	9	7	
FOPU0007	No	39360	DDD IN WHOLE WATER SAMPLE (UG/L)	09/02/87-09/02/87	0	1	
FOPU0014	No	39360	DDD IN WHOLE WATER SAMPLE (UG/L)	09/02/87-09/02/87	0	1	
FOPU0037	Yes	39360	DDD IN WHOLE WATER SAMPLE (UG/L)	06/18/85-09/02/87	2	2	
FOPU0007	No	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/02/87-09/02/87	0	1	
FOPU0014	No	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/02/87-09/02/87	0	1	
FOPU0037	Yes	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/02/87-09/02/87	0	1	
FOPU0037	Yes	39364	DDD IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	06/12/85-08/13/87	2	8	
FOPU0088	No	39364	DDD IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	03/15/85-07/15/86	1	3	
FOPU0007	No	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	09/02/87-09/02/87	0	1	
FOPU0014	No	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	09/02/87-09/02/87	0	1	
FOPU0037	Yes	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	06/18/85-09/02/87	2	2	
FOPU0007	No	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/02/87-09/02/87	0	1	

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

Station/Parameter Period of Record Tabulation
From 03/07/60 To 12/10/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
FOPU0014	No	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/02/87-09/02/87	0	1	
FOPU0037	Yes	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/02/87-09/02/87	0	1	
FOPU0037	Yes	39369	DDE IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	06/12/85-08/13/87	2	8	
FOPU0088	No	39369	DDE IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	03/15/85-07/15/86	1	3	
FOPU0007	No	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	09/02/87-09/02/87	0	1	
FOPU0014	No	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	09/02/87-09/02/87	0	1	
FOPU0037	Yes	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	06/18/85-09/02/87	2	2	
FOPU0088	No	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	03/15/85-03/27/86	1	2	
FOPU0089	No	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/01/77-10/06/81	3	3	
FOPU0037	Yes	39374	DDT IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	06/12/85-08/13/87	2	8	
FOPU0088	No	39374	DDT IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	03/15/85-07/15/86	1	3	
FOPU0088	No	39376	DDT SUM ANALOGS INTISSUE WET WGT BASIS	03/15/85-07/15/86	1	3	
FOPU0089	No	39379	SUM OF ALL DDT,DDE& DDD VALUES IN WHL WATER SAMP	07/14/93-07/14/93	0	1	
FOPU0089	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	07/17/91-07/14/93	1	2	
FOPU0088	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	03/15/85-06/19/95	10	4	
FOPU0089	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	11/01/77-07/14/93	15	10	
FOPU0088	No	39387	DIELDRIN IN SHELLFISH OR ANIMAL (UG/KG WET WGT)	03/15/85-06/19/95	10	5	
FOPU0007	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	09/02/87-09/02/87	0	1	
FOPU0014	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	09/02/87-09/02/87	0	1	
FOPU0037	Yes	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	06/18/85-09/02/87	2	2	
FOPU0089	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	07/17/91-07/14/93	1	2	
FOPU0007	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/02/87-09/02/87	0	1	
FOPU0014	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/02/87-09/02/87	0	1	
FOPU0037	Yes	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/02/87-09/02/87	0	1	
FOPU0088	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	03/15/85-06/19/95	10	4	
FOPU0089	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/01/77-07/14/93	15	10	
FOPU0088	No	39397	ENDRIN IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	03/15/85-06/19/95	10	5	
FOPU0088	No	39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	03/15/85-03/09/87	1	3	
FOPU0089	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	07/17/91-07/14/93	1	2	
FOPU0088	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	03/15/85-06/19/95	10	4	
FOPU0089	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	11/28/73-07/14/93	19	11	
FOPU0088	No	39407	TOXAPHENE IN FISH OR ANIMAL(UG/KG WET WEIGHT)	03/15/85-06/19/95	10	5	
FOPU0089	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	07/17/91-07/14/93	1	2	
FOPU0055	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	04/17/93-04/17/93	0	14	
FOPU0085	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	04/17/93-04/17/93	0	15	
FOPU0088	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	03/15/85-06/19/95	10	4	
FOPU0089	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	11/28/73-07/14/93	19	3	
FOPU0088	No	39414	HEPTACHLOR IN SHELLFISH OR ANIMAL (UG/KG WET WGT)	03/15/85-06/19/95	10	5	
FOPU0089	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	07/17/91-07/14/93	1	2	
FOPU0055	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	04/17/93-04/17/93	0	14	
FOPU0085	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	04/17/93-04/17/93	0	15	
FOPU0088	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	03/15/85-06/19/95	10	4	
FOPU0089	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	11/28/73-07/14/93	19	3	
FOPU0088	No	39424	HEPTACHLOR EPOXIDE IN SHELLFISH OR ANIMAL WET WGT	03/15/85-06/19/95	10	5	
FOPU0007	No	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	09/02/87-09/02/87	0	1	
FOPU0014	No	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	09/02/87-09/02/87	0	1	
FOPU0037	Yes	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	06/18/85-09/02/87	2	2	
FOPU0089	No	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	07/17/91-07/14/93	1	2	
FOPU0007	No	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	09/02/87-09/02/87	0	1	
FOPU0014	No	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	09/02/87-09/02/87	0	1	
FOPU0037	Yes	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	09/02/87-09/02/87	0	1	
FOPU0088	No	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	03/15/85-03/09/87	1	3	
FOPU0089	No	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	11/01/77-07/14/93	15	10	
FOPU0088	No	39482	METHOXYCHLOR IN FISH - UG/KG	03/15/85-07/15/86	1	3	
FOPU0089	No	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	07/17/91-07/14/93	1	2	
FOPU0088	No	39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	03/15/85-03/09/87	1	2	
FOPU0089	No	39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	07/17/91-07/14/93	1	2	
FOPU0089	No	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	07/17/91-07/14/93	1	2	
FOPU0088	No	39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	03/15/85-06/19/95	10	3	
FOPU0089	No	39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	07/17/91-07/14/93	1	2	
FOPU0089	No	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	07/17/91-07/14/93	1	2	
FOPU0088	No	39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	03/15/85-06/19/95	10	3	
FOPU0089	No	39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	07/17/91-07/14/93	1	2	
FOPU0089	No	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	07/17/91-07/14/93	1	2	
FOPU0088	No	39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	03/15/85-06/19/95	10	3	
FOPU0089	No	39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	07/17/91-07/14/93	1	2	
FOPU0089	No	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	07/17/91-07/14/93	1	2	
FOPU0088	No	39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	03/15/85-06/19/95	10	3	
FOPU0089	No	39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	08/09/89-07/14/93	3	3	
FOPU0089	No	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	07/17/91-07/14/93	1	2	
FOPU0088	No	39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	03/15/85-06/19/95	10	3	
FOPU0089	No	39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	08/09/89-07/14/93	3	3	

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Station/Parameter Period of Record Tabulation
From 03/07/60 To 12/10/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
FOPU0088	No	39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	03/15/85-06/19/95	10	3	
FOPU0089	No	39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	07/17/91-07/14/93	1	2	
FOPU0088	No	39515	PCBS (MG/KG) FISH TISSUE MG/KG	03/15/85-07/15/86	1	3	
FOPU0007	No	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	09/02/87-09/02/87	0	1	
FOPU0014	No	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	09/02/87-09/02/87	0	1	
FOPU0037	Yes	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	06/18/85-09/02/87	2	2	
FOPU0089	No	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	07/17/91-07/14/93	1	2	
FOPU0007	No	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/02/87-09/02/87	0	1	
FOPU0014	No	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/02/87-09/02/87	0	1	
FOPU0037	Yes	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/02/87-09/02/87	0	1	
FOPU0088	No	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	03/15/85-03/09/87	1	3	
FOPU0089	No	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/28/73-07/14/93	19	11	
FOPU0037	Yes	39520	PCBS IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	06/12/85-08/13/87	2	8	
FOPU0055	No	39526	PCBS TOTAL,IN SEDIMENT,DRY (ISOMER ANALYSES) UG/KG	04/17/93-04/17/93	0	14	
FOPU0068	No	39526	PCBS TOTAL,IN SEDIMENT,DRY (ISOMER ANALYSES) UG/KG	04/17/93-04/17/93	0	5	
FOPU0085	No	39526	PCBS TOTAL,IN SEDIMENT,DRY (ISOMER ANALYSES) UG/KG	04/17/93-04/17/93	0	15	
FOPU0088	No	39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	03/15/85-03/09/87	1	3	
FOPU0088	No	39534	MALATHION IN TISSUE WET WEIGHT MG/KG	03/15/85-07/15/86	1	3	
FOPU0088	No	39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	03/15/85-03/09/87	1	3	
FOPU0088	No	39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	03/15/85-03/09/87	1	3	
FOPU0088	No	39581	GUTHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	03/15/85-03/09/87	1	3	
FOPU0089	No	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	07/17/91-07/14/93	1	2	
FOPU0055	No	39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	04/17/93-04/17/93	0	14	
FOPU0085	No	39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	04/17/93-04/17/93	0	15	
FOPU0088	No	39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	03/15/85-06/19/95	10	4	
FOPU0089	No	39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	11/01/77-07/14/93	15	10	
FOPU0088	No	39703	HEXACHLOROBENZENE IN FISH OR ANIMALS WET WGT UG/K	03/15/85-07/15/86	1	3	
FOPU0088	No	39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	03/15/85-06/19/95	10	4	
FOPU0089	No	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	07/17/91-07/14/93	1	2	
FOPU0089	No	39731	2,4-D IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/14/87-07/14/93	5	4	
FOPU0089	No	39755	MIREX, TOTAL (UG/L)	07/17/91-07/14/93	1	2	
FOPU0088	No	39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	03/15/85-03/09/87	1	2	
FOPU0089	No	39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	11/28/73-07/14/93	19	8	
FOPU0089	No	39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	07/17/91-07/14/93	1	2	
FOPU0089	No	39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/14/87-07/14/93	5	4	
FOPU0007	No	39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	09/02/87-09/02/87	0	1	
FOPU0014	No	39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	09/02/87-09/02/87	0	1	
FOPU0037	Yes	39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	06/18/85-09/02/87	2	2	
FOPU0088	No	39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	03/15/85-06/19/95	10	4	
FOPU0089	No	39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/28/73-11/28/73	0	1	
FOPU0088	No	39784	LINDANE IN SHELLFISH OR ANIMAL WET WEIGHT UG/KG	03/15/85-06/19/95	10	5	
FOPU0037	Yes	39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	06/12/85-08/13/87	2	8	
FOPU0088	No	39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	03/15/85-03/09/87	1	3	
FOPU0007	No	39811	CHLORDANE,GAMMA,IN BOTTOM DEPOS(UG/KG DRY SOLIDS)	09/02/87-09/02/87	0	1	
FOPU0014	No	39811	CHLORDANE,GAMMA,IN BOTTOM DEPOS(UG/KG DRY SOLIDS)	09/02/87-09/02/87	0	1	
FOPU0037	Yes	39811	CHLORDANE,GAMMA,IN BOTTOM DEPOS(UG/KG DRY SOLIDS)	09/02/87-09/02/87	0	1	
FOPU0089	No	39811	CHLORDANE,GAMMA,IN BOTTOM DEPOS(UG/KG DRY SOLIDS)	11/01/77-09/14/87	9	7	
FOPU0088	No	45012	HEXADECENOIC ACID TISWET MG/KG	03/15/85-03/15/85	0	1	
FOPU0089	No	45013	ISOPROPYL ACETATE WH WAT UG/L	07/17/91-07/17/91	0	1	
FOPU0089	No	45022	PROPYL ACETATE WH WAT UG/L	07/17/91-07/17/91	0	1	
FOPU0088	No	45087	METHYL PENTANOIC ACID TISWET MG/KG	03/27/86-03/27/86	0	1	
FOPU0088	No	45582	ORGANICS, ACID EXTRACTABLE, NUMBER DETECTED	03/15/85-07/15/86	1	5	
FOPU0088	No	45583	ORGANICS, BASE-NEUTRAL EXTRACTABLE,NUMBER DETECTED	03/15/85-07/15/86	1	5	
FOPU0088	No	46332	RONNEL IN TISSUE WET WEIGHT MG/KG	03/15/85-07/15/86	1	3	
FOPU0088	No	46335	ETHION IN TISSUE WET WEIGHT MG/KG	03/15/85-07/15/86	1	3	
FOPU0088	No	47462	FEMALES IN ENTIRE SAMPLE OR CATCH NUMBER	07/15/86-07/07/87	0	2	
FOPU0088	No	47463	MALES IN ENTIRE SAMPLE OR CATCH NUMBER	07/15/86-07/07/87	0	2	
FOPU0048	No	49575	TOTAL ORGANIC CARBON, BOTT. DEP.,DRY WT.,SED MG/KG	04/17/93-04/17/93	0	51	
FOPU0049	No	49575	TOTAL ORGANIC CARBON, BOTT. DEP.,DRY WT.,SED MG/KG	04/17/93-04/17/93	0	57	
FOPU0051	No	49575	TOTAL ORGANIC CARBON, BOTT. DEP.,DRY WT.,SED MG/KG	04/17/93-04/17/93	0	53	
FOPU0055	No	49575	TOTAL ORGANIC CARBON, BOTT. DEP.,DRY WT.,SED MG/KG	04/17/93-04/17/93	0	55	
FOPU0068	No	49575	TOTAL ORGANIC CARBON, BOTT. DEP.,DRY WT.,SED MG/KG	04/17/93-04/17/93	0	58	
FOPU0075	No	49575	TOTAL ORGANIC CARBON, BOTT. DEP.,DRY WT.,SED MG/KG	04/17/93-04/17/93	0	10	
FOPU0085	No	49575	TOTAL ORGANIC CARBON, BOTT. DEP.,DRY WT.,SED MG/KG	04/17/93-04/17/93	0	17	
FOPU0055	No	49724	PERYLENE, DRY WEIGHT, SEDIMENT UG/KG	04/17/93-04/17/93	0	14	
FOPU0068	No	49724	PERYLENE, DRY WEIGHT, SEDIMENT UG/KG	04/17/93-04/17/93	0	13	
FOPU0085	No	49724	PERYLENE, DRY WEIGHT, SEDIMENT UG/KG	04/17/93-04/17/93	0	15	
FOPU0055	No	49743	BENZO(E)PYRENE, DRY WEIGHT, SEDIMENT UG/KG	04/17/93-04/17/93	0	14	
FOPU0068	No	49743	BENZO(E)PYRENE, DRY WEIGHT, SEDIMENT UG/KG	04/17/93-04/17/93	0	13	
FOPU0085	No	49743	BENZO(E)PYRENE, DRY WEIGHT, SEDIMENT UG/KG	04/17/93-04/17/93	0	15	
FOPU0055	No	50596	PCB CONGENER IUPAC#29, SEDIMENT, DRY WEIGHT NG/G	04/17/93-04/17/93	0	14	
FOPU0068	No	50596	PCB CONGENER IUPAC#29, SEDIMENT, DRY WEIGHT NG/G	04/17/93-04/17/93	0	5	

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

Station/Parameter Period of Record Tabulation
From 03/07/60 To 12/10/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
FOPU0085	No	50596	PCB CONGENER IUPAC#29, SEDIMENT, DRY WEIGHT NG/G	04/17/93-04/17/93	0	15	
FOPU0055	No	50784	ALPHA-CHLORDANE SEDIMENT,DRY WT,BOTTOM DEP UG/KG	04/17/93-04/17/93	0	14	
FOPU0085	No	50784	ALPHA-CHLORDANE SEDIMENT,DRY WT,BOTTOM DEP UG/KG	04/17/93-04/17/93	0	15	
FOPU0055	No	50943	2,6-DIMETHYLNAPHTHALENE, DRY WEIGHT, SEDIMENTUG/KG	04/17/93-04/17/93	0	14	
FOPU0068	No	50943	2,6-DIMETHYLNAPHTHALENE, DRY WEIGHT, SEDIMENTUG/KG	04/17/93-04/17/93	0	13	
FOPU0085	No	50943	2,6-DIMETHYLNAPHTHALENE, DRY WEIGHT, SEDIMENTUG/KG	04/17/93-04/17/93	0	15	
FOPU0055	No	50945	PCB CONGENER #08 (CL2), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	0	14	
FOPU0068	No	50945	PCB CONGENER #08 (CL2), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	0	5	
FOPU0085	No	50945	PCB CONGENER #08 (CL2), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	0	15	
FOPU0055	No	50946	PCB CONGENER #18 (CL3), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	0	14	
FOPU0068	No	50946	PCB CONGENER #18 (CL3), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	0	5	
FOPU0085	No	50946	PCB CONGENER #18 (CL3), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	0	15	
FOPU0055	No	50948	PCB CONGENER #52 (CL4), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	0	14	
FOPU0068	No	50948	PCB CONGENER #52 (CL4), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	0	5	
FOPU0085	No	50948	PCB CONGENER #52 (CL4), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	0	15	
FOPU0055	No	50949	PCB CONGENER #44 (CL4), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	0	14	
FOPU0068	No	50949	PCB CONGENER #44 (CL4), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	0	5	
FOPU0085	No	50949	PCB CONGENER #44 (CL4), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	0	15	
FOPU0055	No	50950	PCB CONGENER #66 (CL4), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	0	14	
FOPU0068	No	50950	PCB CONGENER #66 (CL4), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	0	5	
FOPU0085	No	50950	PCB CONGENER #66 (CL4), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	0	15	
FOPU0055	No	50952	PCB CONGENER #101 (CL5), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	0	14	
FOPU0068	No	50952	PCB CONGENER #101 (CL5), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	0	5	
FOPU0085	No	50952	PCB CONGENER #101 (CL5), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	0	15	
FOPU0055	No	50953	PCB CONGENER #118 (CL5), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	0	14	
FOPU0068	No	50953	PCB CONGENER #118 (CL5), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	0	5	
FOPU0085	No	50953	PCB CONGENER #118 (CL5), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	0	15	
FOPU0055	No	50954	PCB CONGENER #153 (CL6), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	0	14	
FOPU0068	No	50954	PCB CONGENER #153 (CL6), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	0	5	
FOPU0085	No	50954	PCB CONGENER #153 (CL6), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	0	15	
FOPU0055	No	50955	PCB CONGENER #105 (CL5), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	0	14	
FOPU0068	No	50955	PCB CONGENER #105 (CL5), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	0	5	
FOPU0085	No	50955	PCB CONGENER #105 (CL5), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	0	15	
FOPU0055	No	50956	PCB CONGENER #138 (CL6), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	0	14	
FOPU0068	No	50956	PCB CONGENER #138 (CL6), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	0	5	
FOPU0085	No	50956	PCB CONGENER #138 (CL6), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	0	15	
FOPU0055	No	50958	PCB CONGENER #187 (CL7), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	0	14	
FOPU0068	No	50958	PCB CONGENER #187 (CL7), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	0	5	
FOPU0085	No	50958	PCB CONGENER #187 (CL7), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	0	15	
FOPU0055	No	50959	PCB CONGENER #128 (CL6), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	0	14	
FOPU0068	No	50959	PCB CONGENER #128 (CL6), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	0	5	
FOPU0085	No	50959	PCB CONGENER #128 (CL6), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	0	15	
FOPU0055	No	50960	PCB CONGENER #180 (CL7), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	0	14	
FOPU0068	No	50960	PCB CONGENER #180 (CL7), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	0	5	
FOPU0085	No	50960	PCB CONGENER #180 (CL7), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	0	15	
FOPU0055	No	50961	PCB CONGENER #170 (CL7), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	0	14	
FOPU0068	No	50961	PCB CONGENER #170 (CL7), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	0	5	
FOPU0085	No	50961	PCB CONGENER #170 (CL7), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	0	15	
FOPU0055	No	50962	PCB CONGENER #195 (CL8), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	0	14	
FOPU0068	No	50962	PCB CONGENER #195 (CL8), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	0	5	
FOPU0085	No	50962	PCB CONGENER #195 (CL8), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	0	15	
FOPU0055	No	50963	PCB CONGENER #206 (CL9), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	0	14	
FOPU0068	No	50963	PCB CONGENER #206 (CL9), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	0	5	
FOPU0085	No	50963	PCB CONGENER #206 (CL9), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	0	15	
FOPU0055	No	50964	PCB CONGENER #209 (CL10),DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	0	14	
FOPU0068	No	50964	PCB CONGENER #209 (CL10),DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	0	5	
FOPU0085	No	50964	PCB CONGENER #209 (CL10),DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	0	15	
FOPU0055	No	61160	PCB CONGENER #126 SEDIMENT DRY WEIGHT UG/KG	04/17/93-04/17/93	0	14	
FOPU0068	No	61160	PCB CONGENER #126 SEDIMENT DRY WEIGHT UG/KG	04/17/93-04/17/93	0	5	
FOPU0085	No	61160	PCB CONGENER #126 SEDIMENT DRY WEIGHT UG/KG	04/17/93-04/17/93	0	15	
FOPU0055	No	61161	PCB CONGENER # 77 SEDIMENT DRY WEIGHT UG/KG	04/17/93-04/17/93	0	14	
FOPU0068	No	61161	PCB CONGENER # 77 SEDIMENT DRY WEIGHT UG/KG	04/17/93-04/17/93	0	5	
FOPU0085	No	61161	PCB CONGENER # 77 SEDIMENT DRY WEIGHT UG/KG	04/17/93-04/17/93	0	15	
FOPU0048	No	61187	BIOGENETIC SILICA DRY WEIGHT SEDIMENT MG/L	04/17/93-04/17/93	0	51	
FOPU0055	No	61187	BIOGENETIC SILICA DRY WEIGHT SEDIMENT MG/L	04/17/93-04/17/93	0	55	
FOPU0068	No	61187	BIOGENETIC SILICA DRY WEIGHT SEDIMENT MG/L	04/17/93-04/17/93	0	58	
FOPU0038	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/07/60-03/08/60	0	3	
FOPU0038	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	03/07/60-03/08/60	0	3	
FOPU0038	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	03/07/60-03/08/60	0	3	
FOPU0089	No	70318	SOLIDS, TOTAL, PERCENT OF WET SAMPLE	11/28/73-07/14/93	19	10	
FOPU0101	No	70318	SOLIDS, TOTAL, PERCENT OF WET SAMPLE	11/08/83-11/08/83	0	2	
FOPU0089	No	70322	SOLIDS, VOLATILE, PERCENT OF TOTAL SOLIDS	11/28/73-07/14/93	19	9	

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

Station/Parameter Period of Record Tabulation
From 03/07/60 To 12/10/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
FOPU0088	No	71232	MALES PERCENT	07/15/86-07/07/87	0	2	
FOPU0038	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	03/07/60-03/08/60	0	3	
FOPU0063	No	71870	BROMIDE (MG/L AS BR)	02/27/97-08/14/97	0	6	
FOPU0089	No	71870	BROMIDE (MG/L AS BR)	02/27/97-08/14/97	0	6	
FOPU0007	No	71900	MERCURY, TOTAL (UG/L AS HG)	09/02/87-09/02/87	0	1	
FOPU0014	No	71900	MERCURY, TOTAL (UG/L AS HG)	09/02/87-09/02/87	0	1	
FOPU0037	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	06/18/85-09/02/87	2	2	
FOPU0089	No	71900	MERCURY, TOTAL (UG/L AS HG)	11/28/73-07/17/91	17	10	
FOPU0007	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/02/87-09/02/87	0	1	
FOPU0014	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/02/87-09/02/87	0	1	
FOPU0037	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/02/87-09/02/87	0	1	
FOPU0088	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	03/15/85-06/19/95	10	4	
FOPU0089	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	11/28/73-07/17/91	17	10	
FOPU0037	Yes	71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	06/12/85-08/13/87	2	8	
FOPU0088	No	71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	03/15/85-06/19/95	10	7	
FOPU0088	No	71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	03/15/85-06/19/95	10	7	
FOPU0088	No	71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	03/15/85-06/19/95	10	7	
FOPU0037	Yes	71938	ZINC,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	06/12/85-08/13/87	2	8	
FOPU0088	No	71938	ZINC,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	03/15/85-06/19/95	10	7	
FOPU0088	No	71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	03/15/85-06/19/95	10	7	
FOPU0101	No	71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	09/26/84-09/26/84	0	1	
FOPU0088	No	71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	03/15/85-06/19/95	10	7	
FOPU0034	Yes	72109	DEPTH TO WATER LEVEL FROM A MEASURING POINT (FEET)	01/25/94-03/25/98	4	51	
FOPU0059	Yes	74010	IRON, TOTAL (MG/L AS FE)	07/07/71-12/15/71	0	6	
FOPU0055	No	75047	DIELDRIN SEDIMENT,DRY,WT,UG/KG	04/17/93-04/17/93	0	14	
FOPU0085	No	75047	DIELDRIN SEDIMENT,DRY,WT,UG/KG	04/17/93-04/17/93	0	15	
FOPU0055	No	75048	ENDRIN SEDIMENT,DRY,WT,UG/KG	04/17/93-04/17/93	0	14	
FOPU0085	No	75048	ENDRIN SEDIMENT,DRY,WT,UG/KG	04/17/93-04/17/93	0	15	
FOPU0048	No	75049	MERCURY (HG) SEDIMENT,DRY,WT,UG/KG	04/17/93-04/17/93	0	51	
FOPU0049	No	75049	MERCURY (HG) SEDIMENT,DRY,WT,UG/KG	04/17/93-04/17/93	0	31	
FOPU0051	No	75049	MERCURY (HG) SEDIMENT,DRY,WT,UG/KG	04/17/93-04/17/93	0	30	
FOPU0055	No	75049	MERCURY (HG) SEDIMENT,DRY,WT,UG/KG	04/17/93-04/17/93	0	55	
FOPU0068	No	75049	MERCURY (HG) SEDIMENT,DRY,WT,UG/KG	04/17/93-04/17/93	0	58	
FOPU0075	No	75049	MERCURY (HG) SEDIMENT,DRY,WT,UG/KG	04/17/93-04/17/93	0	10	
FOPU0085	No	75049	MERCURY (HG) SEDIMENT,DRY,WT,UG/KG	04/17/93-04/17/93	0	12	
FOPU0088	No	75212	BENZYL ALCOHOL SEDIMENT,DRY WGT,UG/KG	03/15/85-06/19/95	10	4	
FOPU0088	No	75315	BENZOIC ACID SEDIMENT,DRY WGT,UG/KG	03/15/85-06/19/95	10	4	
FOPU0055	No	75558	BIPHENYL SEDIMENT,DRY WGT,UG/KG	04/17/93-04/17/93	0	14	
FOPU0068	No	75558	BIPHENYL SEDIMENT,DRY WGT,UG/KG	04/17/93-04/17/93	0	13	
FOPU0085	No	75558	BIPHENYL SEDIMENT,DRY WGT,UG/KG	04/17/93-04/17/93	0	15	
FOPU0088	No	75647	DIBENZOFURAN SEDIMENT,DRY WGT,UG/KG	03/15/85-06/19/95	10	4	
FOPU0088	No	76184	BENZYL ALCOHOL TISSUE ,WET WGT,MG/KG	03/15/85-06/19/95	10	3	
FOPU0088	No	76287	BENZOIC ACID TISSUE ,WET WGT,MG/KG	03/15/85-06/19/95	10	3	
FOPU0088	No	76619	DIBENZOFURAN TISSUE ,WET WGT,MG/KG	03/15/85-06/19/95	10	3	
FOPU0088	No	76820	TETRADECANOIC ACID TISSUE ,WET WGT,MG/KG	03/15/85-03/15/85	0	1	
FOPU0088	No	76839	PENTADECANOIC ACID TISSUE ,WET WGT,MG/KG	03/15/85-03/15/85	0	1	
FOPU0089	No	77041	CARBON DISULFIDE WHOLE WATER,UG/L	07/17/91-07/14/93	1	2	
FOPU0089	No	77057	VINYL ACETATE WHOLE WATER,UG/L	07/14/93-07/14/93	0	1	
FOPU0089	No	77103	2-HEXANONE WHOLE WATER,UG/L	07/17/91-07/14/93	1	2	
FOPU0089	No	77128	STYRENE WHOLE WATER,UG/L	07/17/91-07/14/93	1	2	
FOPU0089	No	77135	O-XYLENE WHOLE WATER,UG/L	07/17/91-07/17/91	0	1	
FOPU0089	No	77146	P-CRESOL WHOLE WATER,UG/L	07/14/93-07/14/93	0	1	
FOPU0089	No	77152	O-CRESOL WHOLE WATER,UG/L	07/14/93-07/14/93	0	1	
FOPU0089	No	77189	N-BUTYL ACETATE WHOLE WATER,UG/L	07/17/91-07/17/91	0	1	
FOPU0089	No	77416	2-METHYLNAPHTHALENE WHOLE WATER,UG/L	07/14/93-07/14/93	0	1	
FOPU0089	No	77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	07/14/93-07/14/93	0	1	
FOPU0089	No	77687	2,4,5-TRICHLOROPHENOL WHOLE WATER,UG/L	07/14/93-07/14/93	0	1	
FOPU0089	No	78132	P-XYLENE IN WHOLE WATER UG/L	07/17/91-07/17/91	0	1	
FOPU0088	No	78195	DIBROMOCHLOROMETHANE SEDDRYWTUG/KG	03/15/85-06/19/95	10	4	
FOPU0088	No	78299	2-NITROANILINE IN SEDIMENT, DRY WEIGHT UG/KG	03/15/85-06/19/95	10	4	
FOPU0088	No	78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	03/15/85-03/27/86	1	2	
FOPU0088	No	78401	2,4,5-TRICHLOROPHENOL IN SEDIMENT,DRY WEIGHT,UG/KG	03/15/85-06/19/95	10	4	
FOPU0088	No	78453	PCB 1262, SEDIMENT, DRY WEIGHT, UG/KG	03/15/85-03/09/87	1	2	
FOPU0055	No	78657	NONACHLOR, TRANS, SEDIMENT, DRY WEIGHT, UG/KG	04/17/93-04/17/93	0	14	
FOPU0085	No	78657	NONACHLOR, TRANS, SEDIMENT, DRY WEIGHT, UG/KG	04/17/93-04/17/93	0	15	
FOPU0088	No	78800	BUTYL BENZYL PHTHALATE IN SEDIMENT DRY WT UG/KG	03/15/85-06/19/95	10	3	
FOPU0088	No	78803	P-CRESOL (4-METHYL PHENOL) IN SED DRY WGT UG/KG	03/15/85-06/19/95	10	4	
FOPU0088	No	78828	BENZO(GHI)PERYLENE IN SEDIMENT DRY WEIGHT UG/KG	03/15/85-03/27/86	1	2	
FOPU0088	No	78866	ANILINE IN SEDIMENT DRY WEIGHT UG/KG	03/15/85-06/19/95	10	4	
FOPU0088	No	78867	4-CHLOROANILINE IN SEDIMENT DRY WEIGHT UG/KG	03/15/85-06/19/95	10	4	
FOPU0055	No	78868	2-METHYLNAPHTHALENE IN SEDIMENT DRY WEIGHT UG/KG	04/17/93-04/17/93	0	14	
FOPU0068	No	78868	2-METHYLNAPHTHALENE IN SEDIMENT DRY WEIGHT UG/KG	04/17/93-04/17/93	0	13	

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

Station/Parameter Period of Record Tabulation
From 03/07/60 To 12/10/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
FOPU0085	No	78868	2-METHYLNAPHTHALENE IN SEDIMENT DRY WEIGHT UG/KG	04/17/93-04/17/93	0	15	
FOPU0088	No	78868	2-METHYLNAPHTHALENE IN SEDIMENT DRY WEIGHT UG/KG	03/15/85-06/19/95	10	4	
FOPU0088	No	78869	3-NITROANILINE IN SEDIMENT DRY WEIGHT UG/KG	03/15/85-06/19/95	10	4	
FOPU0088	No	78870	4-NITROANILINE IN SEDIMENT DRY WEIGHT UG/KG	03/15/85-06/19/95	10	4	
FOPU0088	No	78872	2-METHYLPENOL(O-CRESOL) SEDIMENT DRY WEIGHT UG/KG	03/15/85-06/19/95	10	4	
FOPU0088	No	78873	PENTACHLOROPHENOL IN SEDIMENT DRY WEIGHT UG/KG	03/15/85-06/19/95	10	4	
FOPU0032	Yes	78887	PRECIPITATION, NET MONTHLY ACCUMULATED MGD	03/25/94-03/25/98	4	16	
FOPU0034	Yes	78887	PRECIPITATION, NET MONTHLY ACCUMULATED MGD	01/25/94-03/25/98	4	51	
FOPU0035	Yes	78887	PRECIPITATION, NET MONTHLY ACCUMULATED MGD	01/25/94-03/25/98	4	51	
FOPU0088	No	79009	HEXANAL IN FISH UG/KG	03/15/85-03/09/87	1	2	
FOPU0088	No	79038	BUTYLBENZYL PHTHALATE TISWETWTMG/KG	06/19/95-06/19/95	0	2	
FOPU0088	No	79040	DIBENZ(A,H)ANTHRACENE TISWETWTMG/KG	03/15/85-07/15/86	1	3	
FOPU0088	No	79041	BENZO(GHI)PERYLENE TISWETWTMG/KG	03/15/85-06/19/95	10	5	
FOPU0055	No	79800	MIREX SEDIMENT,DRY,WT,UG/KG	04/17/93-04/17/93	0	14	
FOPU0085	No	79800	MIREX SEDIMENT,DRY,WT,UG/KG	04/17/93-04/17/93	0	15	
FOPU0089	No	81302	DIBENZOFURAN(C12H8O) WHOLE WATER SAMPLE UG/L	07/14/93-07/14/93	0	1	
FOPU0089	No	81403	DURSBAN(CHLOROPYRIFOS)WHOLE WATER SAMPLE (UG/L)	07/14/93-07/14/93	0	1	
FOPU0089	No	81551	XYLENE WHL WATER SMPL UG/L	07/14/93-07/14/93	0	1	
FOPU0089	No	81552	ACETONE WHL WATER SMPL UG/L	07/17/91-07/14/93	1	2	
FOPU0089	No	81585	ETHYL ACETATE WHL WATER SMPL UG/L	07/17/91-07/17/91	0	1	
FOPU0089	No	81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	07/17/91-07/14/93	1	2	
FOPU0089	No	81596	METHYL-ISOBUTYL KETONE WHL WATER SMPL UG/L	07/17/91-07/14/93	1	2	
FOPU0004	No	81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	02/01/67-06/01/72	5	65	
FOPU0027	No	81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	02/01/67-06/01/72	5	64	
FOPU0088	No	81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	03/15/85-06/19/95	10	7	
FOPU0089	No	81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	06/04/90-06/04/90	0	1	
FOPU0101	No	81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	09/26/84-09/26/84	0	1	
FOPU0004	No	81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	02/01/67-06/01/72	5	65	
FOPU0023	No	81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	11/30/76-11/30/76	0	1	
FOPU0027	No	81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	02/01/67-06/01/72	5	64	
FOPU0089	No	81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	06/04/90-06/04/90	0	1	
FOPU0004	No	81623	PCB - 1254 IN SHELLFISH TISSUE DRY WEIGHT UG/KG	01/01/69-06/01/72	3	42	
FOPU0023	No	81623	PCB - 1254 IN SHELLFISH TISSUE DRY WEIGHT UG/KG	11/30/76-11/30/76	0	1	
FOPU0027	No	81623	PCB - 1254 IN SHELLFISH TISSUE DRY WEIGHT UG/KG	01/01/69-06/01/72	3	42	
FOPU0004	No	81625	P,P'-DDD IN SHELLFISH TISSUE DRY WEIGHT	02/01/67-06/01/72	5	65	
FOPU0027	No	81625	P,P'-DDD IN SHELLFISH TISSUE DRY WEIGHT	02/01/67-06/01/72	5	64	
FOPU0004	No	81626	P,P'-DDE IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	5	65	
FOPU0023	No	81626	P,P'-DDE IN SHELLFISH TISSUE DRY WEIGHT UG/KG	11/30/76-11/30/76	0	1	
FOPU0027	No	81626	P,P'-DDE IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	5	64	
FOPU0023	No	81627	ZINC IN SHELLFISH TISSUE DRY WEIGHT MG/KG	11/30/76-11/30/76	0	1	
FOPU0023	No	81628	NICKEL IN SHELLFISH TISSUE DRY WEIGHT MG/KG	11/30/76-11/30/76	0	1	
FOPU0023	No	81633	LEAD IN SHELLFISH TISSUE DRY WEIGHT MG/KG	11/30/76-11/30/76	0	1	
FOPU0037	Yes	81633	LEAD IN SHELLFISH TISSUE DRY WEIGHT MG/KG	06/12/85-08/13/87	2	8	
FOPU0023	No	81634	CADMIUM IN SHELLFISH TISSUE DRY WEIGHT MG/KG	11/30/76-11/30/76	0	1	
FOPU0037	Yes	81634	CADMIUM IN SHELLFISH TISSUE DRY WEIGHT MG/KG	06/12/85-08/13/87	2	8	
FOPU0023	No	81635	SILVER IN SHELLFISH TISSUE DRY WEIGHT MG/KG	11/30/76-11/30/76	0	1	
FOPU0023	No	81636	COPPER IN SHELLFISH TISSUE DRY WEIGHT MG/KG	11/30/76-11/30/76	0	1	
FOPU0037	Yes	81636	COPPER IN SHELLFISH TISSUE DRY WEIGHT MG/KG	06/12/85-08/13/87	2	8	
FOPU0004	No	81637	SHELLFISH SPECIES NUMERIC CODE	02/01/67-06/01/72	5	65	
FOPU0023	No	81637	SHELLFISH SPECIES NUMERIC CODE	11/30/76-11/30/76	0	1	
FOPU0027	No	81637	SHELLFISH SPECIES NUMERIC CODE	02/01/67-06/01/72	5	64	
FOPU0088	No	81645	MIREX IN FISH TISSUE WET WEIGHT UG/G	03/15/85-07/15/86	1	3	
FOPU0101	No	81660	IRON IN FISH TISSUE WET WEIGHT MG/KG	09/26/84-09/26/84	0	1	
FOPU0089	No	81710	M-XYLENE IN THE WHOLE WATER SAMPLE MG/L	07/17/91-07/17/91	0	1	
FOPU0004	No	81713	ALDRIN IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	5	65	
FOPU0027	No	81713	ALDRIN IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	5	64	
FOPU0004	No	81714	CHLORDANE IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	5	65	
FOPU0027	No	81714	CHLORDANE IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	5	64	
FOPU0004	No	81715	P,P'-DDT IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	5	65	
FOPU0027	No	81715	P,P'-DDT IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	5	64	
FOPU0004	No	81716	DIELDRIN IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	5	65	
FOPU0027	No	81716	DIELDRIN IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	5	64	
FOPU0004	No	81717	ENDRIN IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	5	65	
FOPU0027	No	81717	ENDRIN IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	5	64	
FOPU0037	Yes	81717	ENDRIN IN SHELLFISH TISSUE DRY WEIGHT UG/KG	06/12/85-08/13/87	2	8	
FOPU0004	No	81718	HEPTACHLOR EPOXIDE IN SHELLFISH TIS DRY WGT UG/KG	02/01/67-06/01/72	5	65	
FOPU0027	No	81718	HEPTACHLOR EPOXIDE IN SHELLFISH TIS DRY WGT UG/KG	02/01/67-06/01/72	5	64	
FOPU0004	No	81719	HEPTACHLOR IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	5	65	
FOPU0027	No	81719	HEPTACHLOR IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	5	64	
FOPU0004	No	81720	LINDANE(GAMMA-BHC)IN SHELLFISH TIS DRY WGT UG/KG	02/01/67-06/01/72	5	65	
FOPU0027	No	81720	LINDANE(GAMMA-BHC)IN SHELLFISH TIS DRY WGT UG/KG	02/01/67-06/01/72	5	64	
FOPU0004	No	81721	METHOXYCHLOR IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	5	65	

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

Station/Parameter Period of Record Tabulation
From 03/07/60 To 12/10/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
FOPU0027	No	81721	METHOXYCHLOR IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	5	64	
FOPU0037	Yes	81721	METHOXYCHLOR IN SHELLFISH TISSUE DRY WEIGHT UG/KG	06/12/85-08/13/87	2	8	
FOPU0004	No	81722	MIREX IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	5	65	
FOPU0027	No	81722	MIREX IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	5	64	
FOPU0004	No	81723	TOXAPHENE IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	5	65	
FOPU0027	No	81723	TOXAPHENE IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	5	64	
FOPU0037	Yes	81741	MANGANESE IN FISH TISSUE WET WEIGHT MG/KG	05/19/86-08/13/87	1	6	
FOPU0037	Yes	81796	CHROMIUM IN SHELLFISH TISSUE, DRY WEIGHT MG/KG	06/12/85-08/13/87	2	8	
FOPU0088	No	81802	GUTHION IN FISH TISSUE,WET WEIGHT MG/KG	03/15/85-07/15/86	1	3	
FOPU0088	No	81806	DIAZINON IN FISH TISSUE WET WEIGHT, MG/KG	03/15/85-07/15/86	1	3	
FOPU0088	No	81809	METHYL PARATHION IN FISH TISSUE WET WEIGHT MG/KG	03/15/85-07/15/86	1	3	
FOPU0088	No	81810	PARATHION IN FISH TISSUE WET WEIGHT MG/KG	03/15/85-07/15/86	1	3	
FOPU0037	Yes	81811	NICKEL IN SHELLFISH TISSUE WET WEIGHT MG/KG	05/19/86-08/13/87	1	6	
FOPU0088	No	81820	BETA-BHC IN SHELLFISH TISSUE WET WEIGHT UG/KG	03/15/85-06/19/95	10	5	
FOPU0037	Yes	81863	CHLORDANE IN SHELLFISH TISSUE WET WEIGHT UG/KG	06/12/85-08/13/87	2	8	
FOPU0048	No	81900	SEDIMENT CORE SAMPLE,UPPER DEPTH,REPORT IN INCHES	04/17/93-04/17/93	0	51	
FOPU0049	No	81900	SEDIMENT CORE SAMPLE,UPPER DEPTH,REPORT IN INCHES	04/17/93-04/17/93	0	57	
FOPU0051	No	81900	SEDIMENT CORE SAMPLE,UPPER DEPTH,REPORT IN INCHES	04/17/93-04/17/93	0	53	
FOPU0055	No	81900	SEDIMENT CORE SAMPLE,UPPER DEPTH,REPORT IN INCHES	04/17/93-04/17/93	0	56	
FOPU0068	No	81900	SEDIMENT CORE SAMPLE,UPPER DEPTH,REPORT IN INCHES	04/17/93-04/17/93	0	58	
FOPU0075	No	81900	SEDIMENT CORE SAMPLE,UPPER DEPTH,REPORT IN INCHES	04/17/93-04/17/93	0	10	
FOPU0085	No	81900	SEDIMENT CORE SAMPLE,UPPER DEPTH,REPORT IN INCHES	04/17/93-04/17/93	0	29	
FOPU0048	No	81901	SEDIMENT CORE SAMPLE, LOWER DEPTH,REPORT IN INCHES	04/17/93-04/17/93	0	51	
FOPU0049	No	81901	SEDIMENT CORE SAMPLE, LOWER DEPTH,REPORT IN INCHES	04/17/93-04/17/93	0	57	
FOPU0051	No	81901	SEDIMENT CORE SAMPLE, LOWER DEPTH,REPORT IN INCHES	04/17/93-04/17/93	0	53	
FOPU0055	No	81901	SEDIMENT CORE SAMPLE, LOWER DEPTH,REPORT IN INCHES	04/17/93-04/17/93	0	56	
FOPU0068	No	81901	SEDIMENT CORE SAMPLE, LOWER DEPTH,REPORT IN INCHES	04/17/93-04/17/93	0	58	
FOPU0075	No	81901	SEDIMENT CORE SAMPLE, LOWER DEPTH,REPORT IN INCHES	04/17/93-04/17/93	0	10	
FOPU0085	No	81901	SEDIMENT CORE SAMPLE, LOWER DEPTH,REPORT IN INCHES	04/17/93-04/17/93	0	29	
FOPU0088	No	82005	PERCENT TOTAL CARBON(INORG.&ORG.) IN SED DRY WGT	03/15/85-03/15/85	0	1	
FOPU0046	No	82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	07/06/76-05/14/91	14	294	A
FOPU0063	No	82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	09/21/76-05/14/91	14	322	A
FOPU0080	No	82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	09/21/76-05/14/91	14	324	A
FOPU0089	No	82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	03/10/77-05/14/91	14	322	A
FOPU0101	No	82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	08/10/76-05/14/91	14	328	A
FOPU0046	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/14/87-12/14/87	0	1	
FOPU0048	No	82478	CARBONATE,DISSOLVED FROM DRY DEPOSITION (MG/KG)	04/17/93-04/17/93	0	51	
FOPU0049	No	82478	CARBONATE,DISSOLVED FROM DRY DEPOSITION (MG/KG)	04/17/93-04/17/93	0	57	
FOPU0051	No	82478	CARBONATE,DISSOLVED FROM DRY DEPOSITION (MG/KG)	04/17/93-04/17/93	0	53	
FOPU0055	No	82478	CARBONATE,DISSOLVED FROM DRY DEPOSITION (MG/KG)	04/17/93-04/17/93	0	55	
FOPU0068	No	82478	CARBONATE,DISSOLVED FROM DRY DEPOSITION (MG/KG)	04/17/93-04/17/93	0	58	
FOPU0075	No	82478	CARBONATE,DISSOLVED FROM DRY DEPOSITION (MG/KG)	04/17/93-04/17/93	0	10	
FOPU0085	No	82478	CARBONATE,DISSOLVED FROM DRY DEPOSITION (MG/KG)	04/17/93-04/17/93	0	17	
FOPU0088	No	82643	PHOSDRIN (MEVINPHOS), SEDIMENT, DRY WEIGHT, UG/KG	03/27/86-03/27/86	0	1	
FOPU0004	No	84007	ANATOMY ALPHA CODE	02/01/67-06/01/72	5	65	
FOPU0023	No	84007	ANATOMY ALPHA CODE	11/30/76-11/30/76	0	1	
FOPU0027	No	84007	ANATOMY ALPHA CODE	02/01/67-06/01/72	5	64	
FOPU0088	No	84007	ANATOMY ALPHA CODE	03/15/85-06/19/95	10	7	
FOPU0004	No	84008	LIFE STYLE/HABITAT OF THEINDIVIDUALS IN THE SAMPLE	02/01/67-06/01/72	5	65	
FOPU0023	No	84008	LIFE STYLE/HABITAT OF THEINDIVIDUALS IN THE SAMPLE	11/30/76-11/30/76	0	1	
FOPU0027	No	84008	LIFE STYLE/HABITAT OF THEINDIVIDUALS IN THE SAMPLE	02/01/67-06/01/72	5	64	
FOPU0101	No	84008	LIFE STYLE/HABITAT OF THEINDIVIDUALS IN THE SAMPLE	09/26/84-09/26/84	0	1	
FOPU0004	No	84009	SHELLFISH SPECIES ALPHANUMERIC CODE	02/01/67-06/01/72	5	65	
FOPU0023	No	84009	SHELLFISH SPECIES ALPHANUMERIC CODE	11/30/76-11/30/76	0	1	
FOPU0027	No	84009	SHELLFISH SPECIES ALPHANUMERIC CODE	02/01/67-06/01/72	5	64	
FOPU0088	No	84085	ORGANICS, VOLATILE , DETECTED, NUMERIC CODE, CODE	03/15/85-03/09/87	1	7	
FOPU0088	No	84100	SEX(1-MALE,2-FEMALE,3-MIXED,4-UNKNOWN) NUM CODE	03/15/85-06/19/95	10	7	
FOPU0031	Yes	84381	TIDAL STAGE-SLCK(SLACK),HIGH,LOW,EBB,FLD(FLOOD) 9	12/31/91-01/06/92	0	14	
FOPU0036	No	84381	TIDAL STAGE-SLCK(SLACK),HIGH,LOW,EBB,FLD(FLOOD) 9	12/31/91-01/06/92	0	15	

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

Station-By-Station Results

Station Inventory for Station: FOPU0001

NPS Station ID: FOPU0001
LAT/LON: 31.925004/ -80.937505
Agency: 21GAEPD
Date Created: 04/13/85
Location: WASSAW SOUND AT MOUTH OF TYBEE CREEK
FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 01000203
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03060204
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: SAVANNAH RIVER BASIN
ECO Region:
RF1 Index: 03060204
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 03060204003914.12
RF3 Mile Point: 16.36
Distance from RF3: 0.32
On/Off RF3:
Description:

Parameter Inventory for Station: FOPU0001

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

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

Station Inventory for Station: FOPU0002

NPS Station ID: FOPU0002
LAT/LON: 31.927781/ -80.977782
Agency: 21GAEPD
Date Created: 04/13/85
Location: WASSAW SOUND IN WILMINGTON RIVER AT MARKER 15
FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 01007003
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03060204
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: SAVANNAH RIVER BASIN
ECO Region:
RF1 Index: 03060204038
RF1 Mile Point: 28.560
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 030602040039l4.12
RF3 Mile Point: 16.94
Distance from RF3: 0.10
On/Off RF3:
Description:

Parameter Inventory for Station: FOPU0002

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

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

Station Inventory for Station: FOPU0003

NPS Station ID: FOPU0003 | LAT/LON: 31.931503/ -80.984504 | Agency: 11NPSWRD | Date Created: 01/16/99
Location: ROMERLY MARSH AT JOE'S CUT | FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/AMBNT/ESTURY | STORET Station ID(s): FOPU_GDNR_31
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 03060204 | Depth of Water: 0 | Aquifer:
Major Basin: SOUTHEAST | Elevation: 0 | Water Body Id:
Minor Basin: SAVANNAH RIVER | ECO Region:
RF1 Index: 03060204 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 03060109002008.47 | RF3 Mile Point: 8.65 | Distance from RF3: 0.58 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WASSAW SOUND GA 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE AND IS LOCATED OUTSIDE OF FORT PULASKI NATIONAL MONUMENT (FOPU). THE SITE IS LOCATED AT ROMERLY MARSH AT JOE'S CUT. SAMPLES WERE COLLECTED AND ANALYZED BY THE GEORGIA ENVIRONMENTAL PROTECTION DIVISION WITH THE ASSISTANCE OF THE CITY OF SAVANNAH AND THE U.S. ENVIRONMENTAL PROTECTION AGENCY. DATA ARE FROM THE GEORGIA DEPARTMENT OF NATURAL RESOURCES REPORT "RELEASE OF 7500 CURIES OF TRITIUM TO THE SAVANNAH RIVER FROM THE SAVANNAH RIVER SITE" (JAMES HARDEMAN JR.; JANUARY 1992). THE REPORT DOCUMENTS THE RESPONSE OF NUMEROUS AGENCIES TO THE RELEASE OF TRITIUM BY A NUCLEAR REACTOR AT THE SAVANNAH RIVER SITE. FOR INFORMATION ABOUT THE MONUMENT CONTACT NATURAL RESOURCES; FOPU; P.O. BOX 30757; SAVANNAH GA 31410 TEL(912)786-5787. DATA WERE PROCESSED AND UPLOADED TO STORET BY ARIA BRISSETTE; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 TEL(970)225-3516.

Parameter Inventory for Station: FOPU0003

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
04124 TRITIUM, TOTAL, WATER PCI/ML	01/04/92-01/06/92	4	1.335	1.155	1.65	0.3	0.387	0.622	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: FOPU0003

			Total	Exceed	Prop.	6/01-11/14			11/15-3/31			4/01-5/31			n/a		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.

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

Station Inventory for Station: FOPU0004

NPS Station ID: FOPU0004 LAT/LON: 31.933337/ -80.975004 Agency: 1114GBL Date Created: 01/19/79
Location: WILMINGTON RIVER-SAVANNAH RIVER BASIN FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): 1302
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03060204 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: SAVANNAH RIVER ECO Region:
RF1 Index: 03060204038 RF1 Mile Point: 28.560 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 03060109065500.00 RF3 Mile Point: 0.00 Distance from RF3: 0.10 On/Off RF3:
Description:
DATA FROM NATIONAL PESTICIDES MONITORING PROGRAM "ORGANOCHLORINE RESIDUES IN ESTUARINE MOLLUSCS, 1965-72"
SAMPLE TAKEN FROM WILMINGTON RIVER-SAVANNAH RIVER BASIN IF CONTAMINENT WAS TESTED FOR BUT NOT DETECTED,
IT IS STORED AS "K5.0", MEANING "LESS THAN THE DETECTION LIMIT OF 5". IF A TRACE OF THE CONTAMINENT HAS BEEN
DETECTED, IT IS STORED AS "J7.5", MEANING "APPROXIMATELY 7.5", BUT ACTUALLY MEANING "BETWEEN 5 AND 10 PPB".

Parameter Inventory for Station: FOPU0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/01/67-06/01/72	65	2171.	2171.	2171.	2171.	0.	0.	2171.	2171.	2171.	2171.
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	02/01/67-06/01/72	65	14.	14.	14.	14.	0.	0.	14.	14.	14.	14.
81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	02/01/67-06/01/72	65	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
81623	PCB - 1254 IN SHELLFISH TISSUE DRY WEIGHT UG/KG	01/01/69-06/01/72	42 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81625	P,P'-DDD IN SHELLFISH TISSUE DRY WEIGHT	02/01/67-06/01/72	55 ##	2.5	2.845	13.	2.5	3.258	1.805	2.5	2.5	2.5	2.5
81626	P,P'-DDE IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	51 ##	2.5	5.255	86.	2.5	142.814	11.95	2.5	2.5	2.5	11.8
81713	ALDRIN IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	65 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81714	CHLORDANE IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	65 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81715	P,P'-DDT IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	63 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81716	DIELDRIN IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	52 ##	2.5	7.442	90.	2.5	174.575	13.213	2.5	2.5	10.	18.4
81717	ENDRIN IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	65 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81718	HEPTACHLOR EPOXIDE IN SHELLFISH TIS DRY WGT UG/KG	02/01/67-06/01/72	65 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81719	HEPTACHLOR IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	65 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81720	LINDANE(GAMMA-BHC)IN SHELLFISH TIS DRY WGT UG/KG	02/01/67-06/01/72	65 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81721	METHOXYCHLOR IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	65 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81722	MIREX IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	65 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81723	TOXAPHENE IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	65 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5

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

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

Annual Analysis for 1967 - Station FOPU0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/01/67-06/01/72	11	2171.	2171.	2171.	2171.	0.	0.	2171.	2171.	2171.	2171.
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	02/01/67-06/01/72	11	14.	14.	14.	14.	0.	0.	14.	14.	14.	14.
81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	02/01/67-06/01/72	11	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
81625	P,P'-DDD IN SHELLFISH TISSUE DRY WEIGHT	02/01/67-06/01/72	7	##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
81626	P,P'-DDE IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	7	##	2.5	3.857	12.	2.5	12.893	3.591	**	**	**	**
81713	ALDRIN IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	11	##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81714	CHLORDANE IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	11	##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81715	P,P'-DDT IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	11	##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81717	ENDRIN IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	11	##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81718	HEPTACHLOR EPOXIDE IN SHELLFISH TIS DRY WGT UG/KG	02/01/67-06/01/72	11	##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81719	HEPTACHLOR IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	11	##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81720	LINDANE(GAMMA-BHC)IN SHELLFISH TIS DRY WGT UG/KG	02/01/67-06/01/72	11	##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81721	METHOXYCHLOR IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	11	##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81722	MIREX IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	11	##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81723	TOXAPHENE IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	11	##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5

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

Annual Analysis for 1968 - Station FOPU0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/01/67-06/01/72	12	2171.	2171.	2171.	2171.	0.	0.	2171.	2171.	2171.	2171.
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	02/01/67-06/01/72	12	14.	14.	14.	14.	0.	0.	14.	14.	14.	14.
81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	02/01/67-06/01/72	12	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
81625	P,P'-DDD IN SHELLFISH TISSUE DRY WEIGHT	02/01/67-06/01/72	12	##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81626	P,P'-DDE IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	10	##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81713	ALDRIN IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	12	##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81714	CHLORDANE IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	12	##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81715	P,P'-DDT IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	12	##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81717	ENDRIN IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	12	##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81718	HEPTACHLOR EPOXIDE IN SHELLFISH TIS DRY WGT UG/KG	02/01/67-06/01/72	12	##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81719	HEPTACHLOR IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	12	##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81720	LINDANE(GAMMA-BHC)IN SHELLFISH TIS DRY WGT UG/KG	02/01/67-06/01/72	12	##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81721	METHOXYCHLOR IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	12	##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81722	MIREX IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	12	##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81723	TOXAPHENE IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	12	##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5

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

Annual Analysis for 1969 - Station FOPU0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/01/67-06/01/72	12	2171.	2171.	2171.	2171.	0.	0.	2171.	2171.	2171.	2171.
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	02/01/67-06/01/72	12	14.	14.	14.	14.	0.	0.	14.	14.	14.	14.
81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	02/01/67-06/01/72	12	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
81625	P,P'-DDD IN SHELLFISH TISSUE DRY WEIGHT	02/01/67-06/01/72	12	##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81626	P,P'-DDE IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	12	##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81713	ALDRIN IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	12	##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81714	CHLORDANE IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	12	##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81715	P,P'-DDT IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	12	##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81717	ENDRIN IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	12	##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81718	HEPTACHLOR EPOXIDE IN SHELLFISH TIS DRY WGT UG/KG	02/01/67-06/01/72	12	##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81719	HEPTACHLOR IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	12	##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81720	LINDANE(GAMMA-BHC)IN SHELLFISH TIS DRY WGT UG/KG	02/01/67-06/01/72	12	##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81721	METHOXYCHLOR IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	12	##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5

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

Annual Analysis for 1969 - Station FOPU0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
81722	MIREX IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	12 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81723	TOXAPHENE IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	12 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5

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

Annual Analysis for 1970 - Station FOPU0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/01/67-06/01/72	12	2171.	2171.	2171.	2171.	0.	0.	2171.	2171.	2171.	2171.
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	02/01/67-06/01/72	12	14.	14.	14.	14.	0.	0.	14.	14.	14.	14.
81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	02/01/67-06/01/72	12	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
81625	P,P'-DDD IN SHELLFISH TISSUE DRY WEIGHT	02/01/67-06/01/72	11 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81626	P,P'-DDE IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	10 ##	2.5	11.7	86.	2.5	688.678	26.243	2.5	2.5	4.625	78.5
81713	ALDRIN IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	12 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81714	CHLORDANE IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	12 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81715	P,P'-DDT IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	12 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81717	ENDRIN IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	12 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81718	HEPTACHLOR EPOXIDE IN SHELLFISH TIS DRY WGT UG/KG	02/01/67-06/01/72	12 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81719	HEPTACHLOR IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	12 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81720	LINDANE(GAMMA-BHC)IN SHELLFISH TIS DRY WGT UG/KG	02/01/67-06/01/72	12 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81721	METHOXYCHLOR IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	12 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81722	MIREX IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	12 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81723	TOXAPHENE IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	12 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5

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

Annual Analysis for 1971 - Station FOPU0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/01/67-06/01/72	12	2171.	2171.	2171.	2171.	0.	0.	2171.	2171.	2171.	2171.
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	02/01/67-06/01/72	12	14.	14.	14.	14.	0.	0.	14.	14.	14.	14.
81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	02/01/67-06/01/72	12	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
81625	P,P'-DDD IN SHELLFISH TISSUE DRY WEIGHT	02/01/67-06/01/72	10 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81626	P,P'-DDE IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	9 ##	2.5	3.333	10.	2.5	6.25	2.5	2.5	2.5	2.5	10.
81713	ALDRIN IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	12 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81714	CHLORDANE IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	12 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81715	P,P'-DDT IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	12 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81717	ENDRIN IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	12 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81718	HEPTACHLOR EPOXIDE IN SHELLFISH TIS DRY WGT UG/KG	02/01/67-06/01/72	12 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81719	HEPTACHLOR IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	12 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81720	LINDANE(GAMMA-BHC)IN SHELLFISH TIS DRY WGT UG/KG	02/01/67-06/01/72	12 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81721	METHOXYCHLOR IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	12 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81722	MIREX IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	12 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81723	TOXAPHENE IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	12 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5

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

Annual Analysis for 1972 - Station FOPU0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/01/67-06/01/72	6	2171.	2171.	2171.	2171.	0.	0.	**	**	**	**
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	02/01/67-06/01/72	6	14.	14.	14.	14.	0.	0.	**	**	**	**
81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	02/01/67-06/01/72	6	1.	1.	1.	1.	0.	0.	**	**	**	**

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

Annual Analysis for 1972 - Station FOPU0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
81625	P,P'-DDD IN SHELLFISH TISSUE DRY WEIGHT	02/01/67-06/01/72	3	11.	8.833	13.	2.5	31.083	5.575	**	**	**	**
81626	P,P'-DDE IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	3	12.	13.	15.	12.	3.	1.732	**	**	**	**
81713	ALDRIN IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	6 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
81714	CHLORDANE IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	6 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
81715	P,P'-DDT IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
81717	ENDRIN IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	6 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
81718	HEPTACHLOR EPOXIDE IN SHELLFISH TIS DRY WGT UG/KG	02/01/67-06/01/72	6 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
81719	HEPTACHLOR IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	6 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
81720	LINDANE(GAMMA-BHC)IN SHELLFISH TIS DRY WGT UG/KG	02/01/67-06/01/72	6 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
81721	METHOXYCHLOR IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	6 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
81722	MIREX IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	6 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
81723	TOXAPHENE IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	6 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**

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Station Inventory for Station: FOPU0005

NPS Station ID: FOPU0005
LAT/LON: 31.935837/ -80.975837
Agency: 1113S090
Date Created: / /
Location: WILMINGTON R AT ENT TO WASSAW SD
FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 133095 /WR-3095 /SRWR-1 W-1
RMI-Indexes: 0313010
Within Park Boundary: No
RMI-Miles: 0000.10
HUC: 03060204
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: SAVANNAH RIVER BASIN
ECO Region:
RF1 Index: 03060204038
RF1 Mile Point: 28.560
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 03060109001604.32
RF3 Mile Point: 4.31
Distance from RF3: 0.06
On/Off RF3:
Description:
CENTER LINE OF WILMINGTON RIVER AT ENTRANCE INTO WASSAW SOUND OPPOSITE ROMERLY MARSH CREEK, AT END OF CABBAGE ISLAND NEAR NAVIGATION LIGHT "15"

Parameter Inventory for Station: FOPU0005

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

***** Data for this station locked by controlling agency *****

Station Inventory for Station: FOPU0006

NPS Station ID: FOPU0006
LAT/LON: 31.938892/ -80.925004
Agency: 21GAEPD
Date Created: 04/13/85
Location: WASSAW SOUND AT ENTRANCE OF TYBEE INLET
FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 01000103
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03060204
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: SAVANNAH RIVER BASIN
ECO Region:
RF1 Index: 03060204039
RF1 Mile Point: 0.690
Distance from RF1: 13.70
On/Off RF1: ON
RF3 Index: 03060109008900.00
RF3 Mile Point: 0.00
Distance from RF3: 0.12
On/Off RF3:
Description:

Parameter Inventory for Station: FOPU0006

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

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

Station Inventory for Station: FOPU0007

NPS Station ID: FOPU0007 LAT/LON: 31.939170/ -80.974727 Agency: 21GAEPD Date Created: / /
Location: WILMINGTON R. - NEAR SOUTHERN TIP OF CABBAGE I. FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 01040001
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03060204 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: SAVANNAH RIVER ECO Region:
RF1 Index: 03060204038 RF1 Mile Point: 0.090 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 03060204000100.00 RF3 Mile Point: 0.20 Distance from RF3: 0.06 On/Off RF3:
Description:

Parameter Inventory for Station: FOPU0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/14/68-05/03/93	111	3.	1.82	3.	0.	1.767	1.329	0.	0.	3.	3.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/14/68-05/03/93	127	21.3	20.668	31.	5.	50.155	7.082	10.5	15.	27.	29.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/09/73-11/09/88	110	24.75	22.845	34.	2.	57.6	7.589	11.1	17.	29.	31.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/11/73-05/03/93	122	7.	9.131	42.	2.	38.231	6.183	4.	5.	11.	18.
00078	TRANSPARENCY, SECCHI DISC (METERS)	06/18/85-05/03/93	25	0.93	0.915	1.4	0.53	0.052	0.228	0.602	0.735	1.125	1.2
00080	COLOR (PLATINUM-COBALT UNITS)	08/14/68-05/03/93	125	5.	8.608	50.	2.5	50.72	7.122	2.5	5.	10.	20.
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	12/18/73-12/09/81	86	258.	252.174	360.	80.	3231.299	56.845	180.	217.5	300.	320.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/11/73-05/03/93	118	42000.	40763.78	55000.	46.	61428411.199	7837.628	31000.	36500.	45550.	48820.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/14/68-05/03/93	127	38700.	38246.512	58000.	47.	53126590.982	7288.799	29660.	34000.	43000.	46200.
00300	OXYGEN, DISSOLVED MG/L	08/14/68-05/03/93	122	6.75	6.885	11.2	3.	2.458	1.568	4.93	5.5	8.025	8.87
00310	BOD, 5 DAY, 20 DEG C MG/L	08/14/68-05/03/93	119	1.1	1.19	3.1	0.1	0.255	0.505	0.6	0.9	1.5	1.8
00400	PH (STANDARD UNITS)	12/18/73-05/03/93	113	7.7	7.681	9.2	6.7	0.167	0.408	7.2	7.5	7.95	8.06
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-05/03/93	113	7.7	7.495	9.2	6.7	0.202	0.449	7.2	7.5	7.95	8.06
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-05/03/93	113	0.02	0.032	0.2	0.001	0.001	0.037	0.009	0.011	0.032	0.063
00403	PH, LAB, STANDARD UNITS SU	08/14/68-05/03/93	126	7.8	7.81	8.1	6.8	0.033	0.182	7.7	7.7	7.9	8.
00403	CONVERTED PH, LAB, STANDARD UNITS	08/14/68-05/03/93	126	7.8	7.752	8.1	6.8	0.037	0.191	7.7	7.7	7.9	8.
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/14/68-05/03/93	126	0.016	0.018	0.158	0.008	0.	0.016	0.01	0.013	0.02	0.02
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/20/68-05/03/93	126	101.	98.31	126.	57.	167.191	12.93	82.7	92.75	106.	113.
00480	SALINITY - PARTS PER THOUSAND	05/28/74-07/23/74	2	28.	28.	30.	26.	8.	2.828	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	01/22/74-11/09/88	111	31500.	30965.045	48910.	14560.	29164303.407	5400.398	23002.	28410.	34360.	37050.
00505	RESIDUE, TOTAL VOLATILE (MG/L)	08/14/68-08/20/68	2	37.	37.	46.	28.	162.	12.728	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/11/73-12/18/73	4	31690.	31597.5	32010.	31000.	205491.667	453.312	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/14/68-12/02/87	100	16.5	34.805	739.	0.5	6580.358	81.119	5.2	10.	32.	52.9
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/11/73-05/03/93	121	0.02	0.07	1.14	0.01	0.018	0.133	0.01	0.01	0.08	0.16
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/18/85-05/03/93	28	0.35	0.436	1.2	0.05	0.087	0.296	0.185	0.2	0.6	0.92
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/11/73-05/03/93	124 ##	0.01	0.019	0.28	0.01	0.001	0.029	0.01	0.01	0.02	0.035
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/11/73-05/03/93	123	0.06	0.066	0.18	0.01	0.001	0.031	0.03	0.04	0.08	0.106
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/18/85-03/12/86	4	0.04	0.038	0.06	0.01	0.	0.022	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/11/73-06/18/85	91	4.	3.762	21.	0.5	5.303	2.303	1.5	3.	4.6	5.
00940	CHLORIDE,TOTAL IN WATER MG/L	08/20/68-12/12/85	101	16000.	16121.782	25600.	9800.	6985734.792	2643.054	12920.	14815.	17500.	18700.
00945	SULFATE, TOTAL (MG/L AS SO4)	06/18/85-12/12/85	3	2269.	2256.333	2500.	2000.	62620.333	250.241	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	09/02/87-09/02/87	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	09/02/87-09/02/87	1	3.6	3.6	3.6	3.6	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	09/02/87-09/02/87	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/02/87-09/02/87	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/02/87-09/02/87	1	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/02/87-09/02/87	1 ##	62.5	62.5	62.5	62.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/02/87-09/02/87	1 ##	250.	250.	250.	250.	0.	0.	**	**	**	**

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Parameter Inventory for Station: FOPU0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/02/87-09/02/87	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/02/87-09/02/87	1 ##	250.	250.	250.	250.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/02/87-09/02/87	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	09/02/87-09/02/87	1	164.	164.	164.	164.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/02/87-09/02/87	1 ##	0.75	0.75	0.75	0.75	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/02/87-09/02/87	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	09/02/87-09/02/87	1	3.7	3.7	3.7	3.7	0.	0.	**	**	**	**
01103	TIN IN BOTTOM DEPOSITS (MG/KG AS SN DRY WGT)	09/02/87-09/02/87	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/14/68-12/02/87	97	15.	50.722	930.	1.	13364.078	115.603	1.8	8.	36.	114.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/14/68-12/02/87	97	1.176	1.22	2.968	0.	0.418	0.646	0.241	0.903	1.556	2.056
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			16.587								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/14/68-05/03/93	118 ##	10.5	14.678	220.	1.	568.921	23.852	1.	2.	15.	20.3
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/14/68-05/03/93	118 ##	1.021	0.891	2.342	0.	0.271	0.521	0.	0.301	1.176	1.307
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.783								
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	06/18/85-12/02/87	11	7.9	8.527	16.1	3.5	13.344	3.653	3.72	6.3	11.2	15.4
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	09/02/87-09/02/87	1 ##	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	09/02/87-09/02/87	1 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
39359	DDT SUM ANALOGS IN SEDIMENT UG/KG DRY WEIGHT	09/02/87-09/02/87	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	09/02/87-09/02/87	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/02/87-09/02/87	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	09/02/87-09/02/87	1 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/02/87-09/02/87	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	09/02/87-09/02/87	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	09/02/87-09/02/87	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/02/87-09/02/87	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	09/02/87-09/02/87	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	09/02/87-09/02/87	1 ##	6.	6.	6.	6.	0.	0.	**	**	**	**
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	09/02/87-09/02/87	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/02/87-09/02/87	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	09/02/87-09/02/87	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39811	CHLORDANE,GAMMA,IN BOTTOM DEPOS(UG/KG DRY SOLIDS)	09/02/87-09/02/87	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	09/02/87-09/02/87	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/02/87-09/02/87	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: FOPU0007

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-11/14 Obs	6/01-11/14 Exceed	6/01-11/14 Prop.	11/15-3/31 Obs	11/15-3/31 Exceed	11/15-3/31 Prop.	4/01-5/31 Obs	4/01-5/31 Exceed	4/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	122	0	0.00	63	0	0.00	42	0	0.00	17	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	122	1	0.01	64	1	0.02	42	0	0.00	16	0	0.00			
00400	PH	Fresh Chronic	9.	113	1	0.01	57	0	0.00	41	1	0.02	15	0	0.00			
		Other-Lo Lim.	6.5	113	0	0.00	57	0	0.00	41	0	0.00	15	0	0.00			
00403	PH, LAB	Fresh Chronic	9.	126	0	0.00	66	0	0.00	43	0	0.00	17	0	0.00			
		Other-Lo Lim.	6.5	126	0	0.00	66	0	0.00	43	0	0.00	17	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	124	0	0.00	64	0	0.00	44	0	0.00	16	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	101	101	1.00	53	53	1.00	32	32	1.00	16	16	1.00			
		Drinking Water	250.	101	101	1.00	53	53	1.00	32	32	1.00	16	16	1.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	3	3	1.00	2	2	1.00	1	1	1.00						
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	0 &	0	0.00												
01027	CADMIUM, TOTAL	Fresh Acute	3.9	0 &	0	0.00												
		Drinking Water	5.	0 &	0	0.00												
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	0 &	0	0.00												
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	0 &	0	0.00												
		Drinking Water	15.	0 &	0	0.00												
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									

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

EPA Water Quality Criteria Analysis for Station: FOPU0007

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-11/14 Obs	6/01-11/14 Exceed	6/01-11/14 Prop.	11/15-3/31 Obs	11/15-3/31 Exceed	11/15-3/31 Prop.	4/01-5/31 Obs	4/01-5/31 Exceed	4/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	97	0	0.00	49	0	0.00	33	0	0.00	15	0	0.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	118	1	0.01	60	1	0.02	41	0	0.00	17	0	0.00			
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									
39360	DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	1	0	0.00	1	0	0.00									
39365	DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	1	0	0.00	1	0	0.00									
39370	DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	1	0	0.00	1	0	0.00									
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	1	0	0.00	1	0	0.00									
39782	LINDANE IN WHOLE WATER SAMPLE	Fresh Acute	2.	1	0	0.00	1	0	0.00									
		Drinking Water	0.2	1	0	0.00	1	0	0.00									
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									

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

Annual Analysis for 1968 - Station FOPU0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/14/68-05/03/93	2	3.	3.	3.	3.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/14/68-05/03/93	2	31.	31.	31.	31.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/14/68-05/03/93	2	12.5	12.5	20.	5.	112.5	10.607	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/14/68-05/03/93	2	42500.	42500.	45000.	40000.	12500000.	3535.534	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/14/68-05/03/93	2	5.1	5.1	5.3	4.9	0.08	0.283	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/14/68-05/03/93	2	1.75	1.75	1.8	1.7	0.005	0.071	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/14/68-05/03/93	2	6.9	6.9	7.	6.8	0.02	0.141	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/14/68-05/03/93	2	6.889	6.889	7.	6.8	0.02	0.142	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/14/68-05/03/93	2	0.129	0.129	0.158	0.1	0.002	0.041	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/20/68-05/03/93	1	113.	113.	113.	113.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/14/68-12/02/87	2	250.	250.	320.	180.	9800.	98.995	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/20/68-12/12/85	1	17600.	17600.	17600.	17600.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/14/68-12/02/87	2 ##	115.	115.	220.	10.	22050.	148.492	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/14/68-12/02/87	2 ##	1.671	1.671	2.342	1.	0.901	0.949	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			46.904								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/14/68-05/03/93	2 ##	115.	115.	220.	10.	22050.	148.492	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/14/68-05/03/93	2 ##	1.671	1.671	2.342	1.	0.901	0.949	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			46.904								

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

Annual Analysis for 1973 - Station FOPU0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/14/68-05/03/93	4	20.8	20.65	30.5	10.5	88.357	9.4	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/09/73-11/09/88	3	18.5	18.833	28.5	9.5	90.333	9.504	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/11/73-05/03/93	4	6.	6.	7.	5.	0.667	0.816	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/14/68-05/03/93	4	7.5	7.5	10.	5.	8.333	2.887	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	12/18/73-12/09/81	1	315.	315.	315.	315.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/11/73-05/03/93	4	45250.	42425.	48800.	30400.	72109166.667	8491.712	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/14/68-05/03/93	4	40000.	39875.	42000.	37500.	3395833.333	1842.779	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/14/68-05/03/93	4	7.	7.	9.6	4.4	4.933	2.221	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/14/68-05/03/93	4	0.8	0.75	0.9	0.5	0.03	0.173	**	**	**	**
00400	PH (STANDARD UNITS)	12/18/73-05/03/93	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-05/03/93	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-05/03/93	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/14/68-05/03/93	4	7.95	7.975	8.1	7.9	0.009	0.096	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/14/68-05/03/93	4	7.947	7.967	8.1	7.9	0.009	0.096	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/14/68-05/03/93	4	0.011	0.011	0.013	0.008	0.	0.002	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/20/68-05/03/93	4	105.5	104.75	108.	100.	12.917	3.594	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/14/68-12/02/87	3	44.	32.667	52.	2.	721.333	26.858	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/11/73-05/03/93	4 ##	0.03	0.193	0.7	0.01	0.115	0.339	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/11/73-05/03/93	4 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/11/73-05/03/93	4	0.055	0.065	0.11	0.04	0.001	0.031	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/11/73-06/18/85	4	3.5	3.5	5.	2.	1.667	1.291	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/20/68-12/12/85	4	16700.	16625.	17500.	15600.	1035833.333	1017.759	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/14/68-12/02/87	4 ##	15.	18.75	30.	15.	56.25	7.5	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/14/68-12/02/87	4 ##	1.176	1.251	1.477	1.176	0.023	0.151	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			17.838								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/14/68-05/03/93	4 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/14/68-05/03/93	4 ##	1.176	1.176	1.176	1.176	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			15.								

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

Annual Analysis for 1974 - Station FOPU0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/14/68-05/03/93	11	22.	22.091	28.	11.	34.591	5.881	12.	17.5	27.5	28.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/09/73-11/09/88	11	25.	23.045	30.	8.	47.823	6.915	9.6	19.	29.	29.9
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/11/73-05/03/93	11	6.	5.818	9.	4.	3.564	1.888	4.	4.	7.	8.8
00080	COLOR (PLATINUM-COBALT UNITS)	08/14/68-05/03/93	11	5.	5.227	15.	2.5	15.568	3.946	2.5	2.5	5.	14.
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	12/18/73-12/09/81	10	275.	267.	310.	200.	1645.556	40.565	202.	227.5	302.5	310.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/11/73-05/03/93	8	45000.	44722.5	48000.	42000.	5473192.857	2339.486	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/14/68-05/03/93	11	39000.	38909.091	44000.	34000.	11140909.091	3337.8	34200.	36000.	41500.	43800.
00300	OXYGEN, DISSOLVED MG/L	08/14/68-05/03/93	11	7.5	6.864	9.5	3.	3.729	1.931	3.44	5.5	8.2	9.36
00310	BOD, 5 DAY, 20 DEG C MG/L	08/14/68-05/03/93	11	1.	1.073	1.7	0.7	0.072	0.269	0.72	0.9	1.2	1.62
00400	PH (STANDARD UNITS)	12/18/73-05/03/93	9	7.4	7.456	8.	6.9	0.133	0.364	6.9	7.2	7.8	8.
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-05/03/93	9	7.4	7.329	8.	6.9	0.151	0.388	6.9	7.2	7.8	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-05/03/93	9	0.04	0.047	0.126	0.01	0.001	0.037	0.01	0.016	0.063	0.126
00403	PH, LAB, STANDARD UNITS SU	08/14/68-05/03/93	11	7.8	7.845	8.	7.7	0.011	0.104	7.7	7.8	7.9	8.
00403	CONVERTED PH, LAB, STANDARD UNITS	08/14/68-05/03/93	11	7.8	7.834	8.	7.7	0.011	0.104	7.7	7.8	7.9	8.
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/14/68-05/03/93	11	0.016	0.015	0.02	0.01	0.	0.003	0.01	0.013	0.016	0.02
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/20/68-05/03/93	11	101.	100.636	109.	90.	31.655	5.626	91.2	97.	107.	108.6
00500	RESIDUE, TOTAL (MG/L)	01/22/74-11/09/88	15	30410.	27920.667	34160.	17040.	38353549.524	6193.024	17718.	20000.	33030.	33524.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/14/68-12/02/87	11	12.	19.	57.	5.	335.	18.303	5.4	8.	21.	56.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/11/73-05/03/93	11	## 0.01	0.015	0.05	0.01	0.	0.012	0.01	0.01	0.02	0.044
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/11/73-05/03/93	11	## 0.01	0.011	0.02	0.01	0.	0.003	0.01	0.01	0.01	0.018
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/11/73-05/03/93	11	0.05	0.056	0.11	0.04	0.	0.021	0.04	0.04	0.06	0.102
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/11/73-06/18/85	11	3.	3.545	6.	3.	1.073	1.036	3.	3.	4.	5.8
00940	CHLORIDE,TOTAL IN WATER MG/L	08/20/68-12/12/85	11	16400.	16045.455	17500.	14400.	1086727.273	1042.462	14500.	15000.	17000.	17420.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/14/68-12/02/87	9	## 15.	28.111	91.	15.	638.861	25.276	15.	15.	36.	91.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/14/68-12/02/87	9	## 1.176	1.348	1.959	1.176	0.08	0.282	1.176	1.176	1.556	1.959
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			22.263								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/14/68-05/03/93	9	## 15.	19.667	36.	15.	85.75	9.26	15.	15.	25.5	36.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/14/68-05/03/93	9	## 1.176	1.261	1.556	1.176	0.028	0.168	1.176	1.176	1.366	1.556
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			18.221								

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

Annual Analysis for 1975 - Station FOPU0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/14/68-05/03/93	12	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/14/68-05/03/93	12	21.5	20.875	29.5	12.5	33.733	5.808	12.65	15.375	26.125	28.6
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/09/73-11/09/88	11	26.	24.364	32.	8.	52.655	7.256	9.6	20.	31.	31.8
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/11/73-05/03/93	12	5.	6.917	19.	4.	25.356	5.035	4.	4.	6.	18.1
00080	COLOR (PLATINUM-COBALT UNITS)	08/14/68-05/03/93	12	5.	4.375	8.	2.5	3.597	1.896	2.5	2.5	5.	7.7
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	12/18/73-12/09/81	12	230.	249.167	360.	130.	5444.697	73.788	145.	200.	317.5	357.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/11/73-05/03/93	12	41500.	39750.	45000.	31000.	25840909.091	5083.395	31900.	35000.	45000.	45000.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/14/68-05/03/93	12	38150.	36783.333	41800.	30000.	17159696.97	4142.426	30180.	33325.	40150.	41680.
00300	OXYGEN, DISSOLVED MG/L	08/14/68-05/03/93	10	5.9	6.18	8.1	4.8	1.542	1.242	4.82	5.	7.55	8.09
00310	BOD, 5 DAY, 20 DEG C MG/L	08/14/68-05/03/93	12	1.05	1.075	1.6	0.6	0.08	0.283	0.66	0.825	1.275	1.54
00400	PH (STANDARD UNITS)	12/18/73-05/03/93	12	8.	7.942	9.2	7.2	0.315	0.562	7.2	7.425	8.075	8.99
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-05/03/93	12	8.	7.675	9.2	7.2	0.393	0.627	7.2	7.425	8.075	8.99
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-05/03/93	12	0.01	0.021	0.063	0.001	0.001	0.023	0.001	0.008	0.042	0.063
00403	PH, LAB, STANDARD UNITS SU	08/14/68-05/03/93	12	7.8	7.792	7.9	7.7	0.004	0.067	7.7	7.725	7.8	7.9
00403	CONVERTED PH, LAB, STANDARD UNITS	08/14/68-05/03/93	12	7.8	7.787	7.9	7.7	0.004	0.067	7.7	7.725	7.8	7.9
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/14/68-05/03/93	12	0.016	0.016	0.02	0.013	0.	0.003	0.013	0.016	0.019	0.02
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/20/68-05/03/93	12	96.	86.083	106.	57.	365.72	19.124	57.3	65.	101.75	105.1
00500	RESIDUE, TOTAL (MG/L)	01/22/74-11/09/88	12	29560.	28271.667	32000.	21800.	14799687.879	3847.036	22130.	24145.	31500.	32000.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/14/68-12/02/87	12	10.5	74.417	739.	7.	43953.902	209.652	7.	8.	15.25	532.9
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/11/73-05/03/93	11	## 0.01	0.025	0.06	0.01	0.	0.019	0.01	0.01	0.04	0.058
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/11/73-05/03/93	12	## 0.01	0.014	0.02	0.01	0.	0.005	0.01	0.01	0.02	0.02
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/11/73-05/03/93	12	0.04	0.053	0.13	0.03	0.001	0.03	0.03	0.033	0.06	0.118

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

Annual Analysis for 1975 - Station FOPU0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/11/73-06/18/85	10	4.5	4.4	6.	3.	0.933	0.966	3.	3.75	5.	5.9
00940	CHLORIDE,TOTAL IN WATER MG/L	08/20/68-12/12/85	12	14950.	15168.333	22500.	10600.	8530487.879	2920.7	11110.	13287.5	16200.	20760.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/14/68-12/02/87	8 ##	25.5	90.875	430.	15.	20201.554	142.132	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/14/68-12/02/87	8 ##	1.366	1.612	2.633	1.176	0.302	0.549	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			40.909								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/14/68-05/03/93	12 ##	15.	32.5	91.	15.	1021.909	31.967	15.	15.	58.5	91.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/14/68-05/03/93	12 ##	1.176	1.364	1.959	1.176	0.116	0.34	1.176	1.176	1.692	1.959
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			23.113								

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

Annual Analysis for 1976 - Station FOPU0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/14/68-05/03/93	10	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/14/68-05/03/93	12	18.75	19.292	30.	10.	48.203	6.943	10.15	12.5	26.	29.55
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/09/73-11/09/88	12	19.	22.167	33.	15.	44.697	6.686	15.3	16.25	28.75	32.1
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/11/73-05/03/93	12	6.	8.083	22.	2.	33.356	5.775	2.3	4.25	10.	20.2
00080	COLOR (PLATINUM-COBALT UNITS)	08/14/68-05/03/93	12 ##	3.75	5.	10.	2.5	10.227	3.198	2.5	2.5	8.75	10.
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	12/18/73-12/09/81	8	255.	222.5	300.	120.	4992.857	70.66	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/11/73-05/03/93	12	39000.	36166.667	44000.	25000.	42878787.879	6548.19	25000.	31250.	41500.	43400.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/14/68-05/03/93	12	33550.	32406.667	36500.	26000.	9309133.333	3051.087	26678.	30477.5	34600.	35990.
00300	OXYGEN, DISSOLVED MG/L	08/14/68-05/03/93	11	7.6	7.373	8.9	4.8	2.14	1.463	4.8	6.7	8.7	8.88
00310	BOD, 5 DAY, 20 DEG C MG/L	08/14/68-05/03/93	11	1.1	1.055	1.4	0.5	0.071	0.266	0.56	0.9	1.3	1.4
00400	PH (STANDARD UNITS)	12/18/73-05/03/93	9	7.6	7.822	8.5	7.4	0.179	0.424	7.4	7.5	8.25	8.5
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-05/03/93	9	7.6	7.686	8.5	7.4	0.2	0.448	7.4	7.5	8.25	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-05/03/93	9	0.025	0.021	0.04	0.003	0.	0.013	0.003	0.007	0.032	0.04
00403	PH, LAB, STANDARD UNITS SU	08/14/68-05/03/93	12	7.8	7.833	8.	7.7	0.015	0.123	7.7	7.7	7.975	8.
00403	CONVERTED PH, LAB, STANDARD UNITS	08/14/68-05/03/93	12	7.8	7.818	8.	7.7	0.015	0.124	7.7	7.7	7.975	8.
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/14/68-05/03/93	12	0.016	0.015	0.02	0.01	0.	0.004	0.01	0.011	0.02	0.02
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/20/68-05/03/93	12	93.	92.083	103.	78.	58.083	7.621	79.5	85.5	99.	102.4
00500	RESIDUE, TOTAL (MG/L)	01/22/74-11/09/88	12	29030.	28484.167	32430.	23410.	6834353.788	2614.26	24013.	26180.	30470.	32001.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/14/68-12/02/87	12	13.	15.708	42.	0.5	134.475	11.596	1.85	7.75	22.75	38.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/11/73-05/03/93	12 ##	0.015	0.038	0.12	0.01	0.001	0.038	0.01	0.01	0.075	0.108
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/11/73-05/03/93	12 ##	0.015	0.023	0.1	0.01	0.001	0.025	0.01	0.01	0.02	0.079
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/11/73-05/03/93	12	0.075	0.066	0.1	0.02	0.001	0.028	0.02	0.043	0.087	0.1
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/11/73-06/18/85	12	4.	5.5	21.	3.	25.182	5.018	3.	3.	5.	16.8
00940	CHLORIDE,TOTAL IN WATER MG/L	08/20/68-12/12/85	12	14880.	14492.5	16250.	11950.	1746038.636	1321.378	12235.	13175.	15525.	16100.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/14/68-12/02/87	11	91.	171.727	930.	15.	75004.618	273.87	15.	15.	230.	816.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/14/68-12/02/87	11	1.959	1.82	2.968	1.176	0.394	0.628	1.176	1.176	2.362	2.886
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			66.129								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/14/68-05/03/93	11 ##	15.	18.818	36.	15.	72.164	8.495	15.	15.	15.	36.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/14/68-05/03/93	11 ##	1.176	1.245	1.556	1.176	0.024	0.154	1.176	1.176	1.176	1.556
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			17.588								

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Annual Analysis for 1977 - Station FOPU0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/14/68-05/03/93	12	3.	3.	3.	3.	0.	0.	3.	3.	3.	3.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/14/68-05/03/93	12	22.25	20.75	30.	5.	64.75	8.047	6.35	14.75	27.375	30.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/09/73-11/09/88	12	25.5	23.5	34.	2.	82.773	9.098	4.55	20.25	29.5	33.1
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/11/73-05/03/93	12	7.5	11.25	42.	3.	118.75	10.897	3.9	6.	10.5	36.3
00080	COLOR (PLATINUM-COBALT UNITS)	08/14/68-05/03/93	12	6.	7.333	15.	5.	9.697	3.114	5.	5.	9.5	13.5

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Annual Analysis for 1977 - Station FOPU0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	12/18/73-12/09/81	12	225.	235.833	320.	155.	2349.242	48.469	161.	205.	267.5	314.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/11/73-05/03/93	12	42500.	41791.667	47000.	33000.	15975378.788	3996.921	34500.	39250.	45125.	46700.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/14/68-05/03/93	12	36535.	37171.667	44120.	30780.	22910560.606	4786.498	30846.	32225.	40700.	44051.
00300	OXYGEN, DISSOLVED MG/L	08/14/68-05/03/93	11	6.4	6.627	8.5	5.	1.578	1.256	5.02	5.3	7.5	8.48
00310	BOD, 5 DAY, 20 DEG C MG/L	08/14/68-05/03/93	10	1.1	1.12	1.7	0.7	0.095	0.308	0.71	0.875	1.35	1.68
00400	PH (STANDARD UNITS)	12/18/73-05/03/93	12	7.8	7.85	8.2	7.6	0.045	0.211	7.6	7.7	8.	8.2
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-05/03/93	12	7.8	7.807	8.2	7.6	0.047	0.216	7.6	7.7	8.	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-05/03/93	12	0.016	0.016	0.025	0.006	0.	0.007	0.006	0.01	0.02	0.025
00403	PH, LAB, STANDARD UNITS SU	08/14/68-05/03/93	11	7.9	7.909	8.	7.7	0.009	0.094	7.72	7.9	8.	8.
00403	CONVERTED PH, LAB, STANDARD UNITS	08/14/68-05/03/93	11	7.9	7.899	8.	7.7	0.009	0.095	7.72	7.9	8.	8.
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/14/68-05/03/93	11	0.013	0.013	0.02	0.01	0.	0.003	0.01	0.01	0.013	0.019
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/20/68-05/03/93	12	102.5	100.167	113.	86.	88.879	9.428	86.3	89.75	108.25	112.1
00500	RESIDUE, TOTAL (MG/L)	01/22/74-11/09/88	12	31130.	31383.333	38700.	26290.	15261587.879	3906.608	26323.	27757.5	34537.5	37929.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/14/68-12/02/87	12	11.	17.083	50.	1.	249.174	15.785	1.6	5.	29.	47.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/11/73-05/03/93	11 ##	0.05	0.063	0.26	0.01	0.006	0.079	0.01	0.01	0.06	0.24
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/11/73-05/03/93	12 ##	0.02	0.02	0.05	0.01	0.	0.013	0.01	0.01	0.02	0.047
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/11/73-05/03/93	12	0.09	0.09	0.14	0.06	0.	0.021	0.063	0.073	0.1	0.131
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/11/73-06/18/85	12	4.	3.683	5.	1.	1.494	1.222	1.3	3.05	4.75	5.
00940	CHLORIDE,TOTAL IN WATER MG/L	08/20/68-12/12/85	12	16710.	16408.333	19060.	13400.	3815142.424	1953.239	13430.	14487.5	18230.	18892.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/14/68-12/02/87	8 ##	15.	35.25	91.	15.	1023.071	31.985	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/14/68-12/02/87	8 ##	1.176	1.412	1.959	1.176	0.12	0.346	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			25.844								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/14/68-05/03/93	10 ##	15.	16.	20.	15.	4.444	2.108	15.	15.	16.25	20.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/14/68-05/03/93	10 ##	1.176	1.201	1.301	1.176	0.003	0.053	1.176	1.176	1.207	1.301
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			15.888								

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Annual Analysis for 1978 - Station FOPU0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/14/68-05/03/93	11	3.	3.	3.	3.	0.	0.	3.	3.	3.	3.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/14/68-05/03/93	11	21.	19.455	30.	5.	77.973	8.83	5.4	9.	27.	29.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/09/73-11/09/88	11	25.	23.045	32.5	5.5	82.473	9.081	5.6	22.	29.5	32.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/11/73-05/03/93	11	8.	10.818	19.	5.	29.564	5.437	5.4	7.	18.	18.8
00080	COLOR (PLATINUM-COBALT UNITS)	08/14/68-05/03/93	11	20.	20.909	50.	5.	149.091	12.21	6.	15.	30.	46.
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	12/18/73-12/09/81	11	240.	243.273	320.	180.	1993.818	44.652	180.	220.	280.	316.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/11/73-05/03/93	10	41500.	40900.	45000.	33000.	18100000.	4254.409	33200.	38000.	45000.	45000.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/14/68-05/03/93	11	39800.	41298.182	58000.	28700.	88414596.364	9402.904	28900.	33020.	50000.	57000.
00300	OXYGEN, DISSOLVED MG/L	08/14/68-05/03/93	10	6.5	7.49	11.2	5.6	4.35	2.086	5.6	5.825	9.8	11.09
00310	BOD, 5 DAY, 20 DEG C MG/L	08/14/68-05/03/93	10	1.45	1.26	1.8	0.1	0.26	0.51	0.16	1.075	1.55	1.79
00400	PH (STANDARD UNITS)	12/18/73-05/03/93	11	7.7	7.691	8.	7.3	0.067	0.259	7.3	7.5	7.9	8.
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-05/03/93	11	7.7	7.619	8.	7.3	0.073	0.269	7.3	7.5	7.9	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-05/03/93	11	0.02	0.024	0.05	0.01	0.	0.015	0.01	0.013	0.032	0.05
00403	PH, LAB, STANDARD UNITS SU	08/14/68-05/03/93	11	7.9	7.864	8.	7.6	0.019	0.136	7.62	7.7	8.	8.
00403	CONVERTED PH, LAB, STANDARD UNITS	08/14/68-05/03/93	11	7.9	7.843	8.	7.6	0.019	0.138	7.62	7.7	8.	8.
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/14/68-05/03/93	11	0.013	0.014	0.025	0.01	0.	0.005	0.01	0.01	0.02	0.024
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/20/68-05/03/93	11	103.	102.364	120.	82.	158.055	12.572	83.	92.	117.	119.6
00500	RESIDUE, TOTAL (MG/L)	01/22/74-11/09/88	11	33660.	32913.636	48910.	22420.	45160925.455	6720.188	22954.	30500.	34360.	46300.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/14/68-12/02/87	11	28.	33.364	133.	5.	1291.455	35.937	5.4	9.	40.	115.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/11/73-05/03/93	11	0.03	0.075	0.35	0.01	0.011	0.104	0.01	0.01	0.08	0.316
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/11/73-05/03/93	11 ##	0.01	0.015	0.05	0.01	0.	0.012	0.01	0.01	0.01	0.044
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/11/73-05/03/93	10	0.065	0.061	0.08	0.01	0.	0.019	0.015	0.06	0.07	0.079
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/11/73-06/18/85	11	4.	3.045	5.	0.5	2.773	1.665	0.5	1.5	4.	5.
00940	CHLORIDE,TOTAL IN WATER MG/L	08/20/68-12/12/85	11	16800.	16922.727	25600.	11200.	13517181.818	3676.572	11480.	15750.	18000.	24230.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/14/68-12/02/87	11	10.	13.727	50.	1.	221.218	14.873	1.	2.	23.	45.4
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/14/68-12/02/87	11	1.	0.844	1.699	0.	0.354	0.595	0.	0.301	1.362	1.645

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Annual Analysis for 1978 - Station FOPU0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			6.979								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/14/68-05/03/93	11	8.	7.455	20.	1.	35.073	5.922	1.	1.	11.	18.2
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/14/68-05/03/93	11	0.903	0.676	1.301	0.	0.246	0.496	0.	0.	1.041	1.249
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.739								

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Annual Analysis for 1979 - Station FOPU0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/14/68-05/03/93	12	3.	3.	3.	3.	0.	0.	3.	3.	3.	3.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/14/68-05/03/93	12	21.25	19.833	29.5	8.5	55.061	7.42	8.95	11.875	26.375	28.6
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/09/73-11/09/88	12	22.5	22.417	34.	7.5	68.856	8.298	8.85	15.5	29.875	33.1
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/11/73-05/03/93	10	7.5	8.9	22.	4.	30.767	5.547	4.1	5.	10.5	21.3
00080	COLOR (PLATINUM-COBALT UNITS)	08/14/68-05/03/93	10	5.	10.25	30.	2.5	89.514	9.461	2.75	5.	20.	29.
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	12/18/73-12/09/81	10	280.	274.	320.	210.	1160.	34.059	213.	247.5	300.	318.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/11/73-05/03/93	11	39000.	37909.091	44000.	30000.	30090909.091	5485.518	30000.	31000.	42000.	44000.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/14/68-05/03/93	12	36000.	36233.333	47000.	27000.	32871515.152	5733.369	27300.	33100.	38750.	46100.
00300	OXYGEN, DISSOLVED MG/L	08/14/68-05/03/93	12	7.3	7.317	10.1	5.4	2.227	1.492	5.43	6.1	8.6	9.77
00310	BOD, 5 DAY, 20 DEG C MG/L	08/14/68-05/03/93	11	1.	1.236	3.1	0.4	0.533	0.73	0.42	0.9	1.5	2.8
00400	PH (STANDARD UNITS)	12/18/73-05/03/93	10	8.	8.1	8.9	7.6	0.129	0.359	7.62	7.875	8.25	8.85
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-05/03/93	10	8.	7.994	8.9	7.6	0.141	0.376	7.62	7.875	8.25	8.85
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-05/03/93	10	0.01	0.01	0.025	0.001	0.	0.007	0.002	0.006	0.013	0.024
00403	PH, LAB, STANDARD UNITS SU	08/14/68-05/03/93	12	7.95	7.908	8.1	7.7	0.021	0.144	7.7	7.8	8.	8.1
00403	CONVERTED PH, LAB, STANDARD UNITS	08/14/68-05/03/93	12	7.947	7.886	8.1	7.7	0.021	0.146	7.7	7.8	8.	8.1
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/14/68-05/03/93	12	0.011	0.013	0.02	0.008	0.	0.004	0.008	0.01	0.016	0.02
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/20/68-05/03/93	12	95.	93.333	107.	64.	148.606	12.19	70.	86.25	103.	106.4
00500	RESIDUE, TOTAL (MG/L)	01/22/74-11/09/88	11	31200.	31141.818	39250.	22700.	17245836.364	4152.811	23720.	29040.	33090.	38272.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/14/68-12/02/87	12	23.5	24.667	57.	1.	179.333	13.392	4.9	17.5	27.5	51.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/11/73-05/03/93	11 ##	0.01	0.036	0.09	0.01	0.001	0.035	0.01	0.01	0.08	0.088
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/11/73-05/03/93	11 ##	0.01	0.032	0.14	0.01	0.002	0.042	0.01	0.01	0.04	0.128
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/11/73-05/03/93	11	0.04	0.055	0.12	0.01	0.001	0.032	0.012	0.03	0.08	0.112
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/11/73-06/18/85	10	2.25	2.5	6.5	0.5	2.722	1.65	0.55	1.375	3.	6.15
00940	CHLORIDE,TOTAL IN WATER MG/L	08/20/68-12/12/85	12	15515.	15088.333	16800.	12000.	2550469.697	1597.019	12261.	13705.	16542.5	16740.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/14/68-12/02/87	12	8.	10.167	33.	1.	83.424	9.134	1.	2.5	16.25	28.2
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/14/68-12/02/87	12	0.903	0.808	1.519	0.	0.239	0.489	0.	0.376	1.209	1.432
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			6.422								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/14/68-05/03/93	12	2.	3.333	13.	1.	13.515	3.676	1.	1.	4.25	11.5
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/14/68-05/03/93	12	0.301	0.352	1.114	0.	0.138	0.371	0.	0.	0.599	1.051
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.248								

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

Annual Analysis for 1980 - Station FOPU0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/14/68-05/03/93	11	3.	3.	3.	3.	0.	0.	3.	3.	3.	3.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/14/68-05/03/93	10	20.5	20.7	30.5	9.	46.289	6.804	9.55	15.25	26.875	30.4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/09/73-11/09/88	11	23.	23.364	32.	12.	41.205	6.419	13.	17.5	29.	31.8
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/11/73-05/03/93	11	6.	9.182	17.	3.	27.764	5.269	3.4	5.	15.	16.8
00080	COLOR (PLATINUM-COBALT UNITS)	08/14/68-05/03/93	11	5.	9.364	20.	5.	33.455	5.784	5.	5.	15.	19.6
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	12/18/73-12/09/81	11	280.	280.	360.	220.	1600.	40.	224.	250.	300.	354.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/11/73-05/03/93	10	40500.	39600.	53000.	23000.	105822222.222	10286.993	23300.	32000.	49750.	52900.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/14/68-05/03/93	11	39000.	37181.818	46000.	25000.	45763636.364	6764.883	25800.	32000.	43000.	45600.
00300	OXYGEN, DISSOLVED MG/L	08/14/68-05/03/93	11	7.2	7.173	10.2	4.7	2.584	1.608	4.9	6.	8.4	9.9

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Annual Analysis for 1980 - Station FOPU0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00310	BOD, 5 DAY, 20 DEG C MG/L	08/14/68-05/03/93	9	1.	1.189	2.4	0.6	0.304	0.551	0.6	0.8	1.5	2.4
00400	PH (STANDARD UNITS)	12/18/73-05/03/93	11	7.7	7.609	8.	6.7	0.141	0.375	6.8	7.5	7.8	8.
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-05/03/93	11	7.7	7.407	8.	6.7	0.186	0.431	6.8	7.5	7.8	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-05/03/93	11	0.02	0.039	0.2	0.01	0.003	0.055	0.01	0.016	0.032	0.172
00403	PH, LAB, STANDARD UNITS SU	08/14/68-05/03/93	11	7.8	7.818	8.	7.7	0.012	0.108	7.7	7.7	7.9	8.
00403	CONVERTED PH, LAB, STANDARD UNITS	08/14/68-05/03/93	11	7.8	7.807	8.	7.7	0.012	0.109	7.7	7.7	7.9	8.
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/14/68-05/03/93	11	0.016	0.016	0.02	0.01	0.	0.004	0.01	0.013	0.02	0.02
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/20/68-05/03/93	11	105.	103.545	126.	72.	212.673	14.583	76.4	95.	113.	124.8
00500	RESIDUE, TOTAL (MG/L)	01/22/74-11/09/88	11	32100.	30034.545	39230.	14560.	58611307.273	7655.802	15712.	24020.	35840.	38612.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/14/68-12/02/87	11	17.	17.909	32.	7.	59.291	7.7	7.6	11.	22.	31.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/11/73-05/03/93	11	0.03	0.061	0.17	0.01	0.003	0.056	0.012	0.02	0.1	0.164
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/11/73-05/03/93	11	0.02	0.02	0.04	0.01	0.	0.012	0.01	0.01	0.03	0.04
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/11/73-05/03/93	11	0.06	0.065	0.15	0.02	0.001	0.034	0.024	0.04	0.08	0.136
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/11/73-06/18/85	11	4.5	3.791	6.	1.	2.071	1.439	1.3	2.5	4.5	5.84
00940	CHLORIDE,TOTAL IN WATER MG/L	08/20/68-12/12/85	11	15400.	15233.636	18000.	9800.	7492645.455	2737.27	10214.	13400.	17600.	17920.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/14/68-12/02/87	11	14.	34.182	240.	1.	4782.764	69.158	1.2	5.	33.	198.6
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/14/68-12/02/87	11	1.146	1.065	2.38	0.	0.415	0.644	0.06	0.699	1.519	2.208
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			11.613								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/14/68-05/03/93	10	2.	7.	33.	1.	99.556	9.978	1.	1.	9.25	31.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/14/68-05/03/93	10	0.301	0.528	1.519	0.	0.284	0.533	0.	0.	0.956	1.478
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.376								

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Annual Analysis for 1981 - Station FOPU0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/14/68-05/03/93	12	3.	3.	3.	3.	0.	0.	3.	3.	3.	3.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/14/68-05/03/93	12	20.65	20.008	30.5	7.5	65.057	8.066	7.8	13.125	27.7	30.35
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/09/73-11/09/88	12	21.25	22.458	34.	8.	71.157	8.435	9.2	15.25	30.	33.4
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/11/73-05/03/93	11	8.	10.818	25.	3.	50.164	7.083	3.2	6.	15.	24.2
00080	COLOR (PLATINUM-COBALT UNITS)	08/14/68-05/03/93	12	5.	6.25	10.	5.	5.114	2.261	5.	5.	8.75	10.
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	12/18/73-12/09/81	11	226.	236.909	322.	80.	5957.091	77.182	98.2	197.	320.	322.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/11/73-05/03/93	11	50800.	46000.	55000.	26000.	107672000.	10376.512	27000.	34000.	53500.	54780.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/14/68-05/03/93	12	47000.	44541.667	55000.	29000.	74339015.152	8622.008	29150.	40250.	51500.	54700.
00300	OXYGEN, DISSOLVED MG/L	08/14/68-05/03/93	12	6.6	6.95	9.9	4.7	2.763	1.662	4.73	5.625	8.2	9.75
00310	BOD, 5 DAY, 20 DEG C MG/L	08/14/68-05/03/93	12	0.85	0.967	2.	0.1	0.282	0.531	0.22	0.55	1.375	1.85
00400	PH (STANDARD UNITS)	12/18/73-05/03/93	9	7.6	7.567	8.	7.1	0.075	0.274	7.1	7.35	7.75	8.
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-05/03/93	9	7.6	7.489	8.	7.1	0.082	0.286	7.1	7.35	7.75	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-05/03/93	9	0.025	0.032	0.079	0.01	0.	0.022	0.01	0.018	0.045	0.079
00403	PH, LAB, STANDARD UNITS SU	08/14/68-05/03/93	12	7.7	7.642	7.9	7.2	0.043	0.207	7.23	7.6	7.8	7.87
00403	CONVERTED PH, LAB, STANDARD UNITS	08/14/68-05/03/93	12	7.7	7.59	7.9	7.2	0.046	0.214	7.23	7.6	7.8	7.87
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/14/68-05/03/93	12	0.02	0.026	0.063	0.013	0.	0.015	0.014	0.016	0.025	0.059
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/20/68-05/03/93	12	111.5	109.917	123.	98.	51.902	7.204	99.2	104.25	114.75	121.2
00500	RESIDUE, TOTAL (MG/L)	01/22/74-11/09/88	12	36930.	36657.5	39280.	34000.	3237547.727	1799.319	34039.	34770.	37940.	39238.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/14/68-12/02/87	12	29.5	33.167	73.	5.	437.424	20.915	7.4	16.	48.5	69.7
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/11/73-05/03/93	11	0.03	0.058	0.21	0.01	0.005	0.068	0.01	0.01	0.09	0.2
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/11/73-05/03/93	12 ##	0.01	0.038	0.28	0.01	0.006	0.077	0.01	0.01	0.02	0.211
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/11/73-05/03/93	12	0.055	0.063	0.13	0.02	0.001	0.033	0.026	0.04	0.087	0.124
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/11/73-06/18/85	9	3.	3.367	6.1	1.	2.738	1.655	1.	1.95	4.65	6.1
00940	CHLORIDE,TOTAL IN WATER MG/L	08/20/68-12/12/85	12	18000.	19008.333	23250.	15400.	9215833.333	3035.759	15490.	16550.	22750.	23175.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/14/68-12/02/87	12	7.	40.333	240.	1.	5332.97	73.027	1.	1.25	45.	207.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/14/68-12/02/87	12	0.845	0.941	2.38	0.	0.681	0.825	0.	0.075	1.647	2.3
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			8.737								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/14/68-05/03/93	12	2.	4.083	17.	1.	36.629	6.052	1.	1.	2.	17.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/14/68-05/03/93	12	0.301	0.331	1.23	0.	0.197	0.444	0.	0.	0.301	1.23
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.14								

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Annual Analysis for 1985 - Station FOPU0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/14/68-05/03/93	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/14/68-05/03/93	3	27.	23.9	29.5	15.2	58.33	7.637	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/09/73-11/09/88	2	27.5	27.5	29.	26.	4.5	2.121	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/11/73-05/03/93	3	17.	16.	25.	6.	91.	9.539	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/14/68-05/03/93	3	10.	8.333	10.	5.	8.333	2.887	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/11/73-05/03/93	3	44000.	43200.	44400.	41200.	3040000.	1743.56	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/14/68-05/03/93	3	39200.	38000.	40700.	34100.	11970000.	3459.769	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/14/68-05/03/93	3	5.3	5.7	6.8	5.	0.93	0.964	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/14/68-05/03/93	3	1.4	1.333	1.5	1.1	0.043	0.208	**	**	**	**
00400	PH (STANDARD UNITS)	12/18/73-05/03/93	3	7.5	7.567	7.7	7.5	0.013	0.115	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-05/03/93	3	7.5	7.557	7.7	7.5	0.013	0.116	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-05/03/93	3	0.032	0.028	0.032	0.02	0.	0.007	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/14/68-05/03/93	3	7.9	7.867	7.9	7.8	0.003	0.058	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/14/68-05/03/93	3	7.9	7.864	7.9	7.8	0.003	0.058	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/14/68-05/03/93	3	0.013	0.014	0.016	0.013	0.	0.002	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/20/68-05/03/93	3	110.	107.667	113.	100.	46.333	6.807	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	01/22/74-11/09/88	3	33520.	32843.333	35240.	29770.	7823633.333	2797.076	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/11/73-05/03/93	3	0.09	0.083	0.09	0.07	0.	0.012	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/11/73-05/03/93	3 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/11/73-05/03/93	3	0.07	0.08	0.1	0.07	0.	0.017	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/11/73-06/18/85	1	4.6	4.6	4.6	4.6	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/20/68-12/12/85	3	17070.	17330.	19700.	15220.	5068300.	2251.289	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/14/68-12/02/87	2	17.	17.	23.	11.	72.	8.485	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/14/68-12/02/87	2	1.202	1.202	1.362	1.041	0.051	0.227	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			15.906								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/14/68-05/03/93	3	10.	11.667	23.	2.	112.333	10.599	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/14/68-05/03/93	3	1.	0.888	1.362	0.301	0.291	0.539	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.719								

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Annual Analysis for 1986 - Station FOPU0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/14/68-05/03/93	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/14/68-05/03/93	4	21.4	21.675	28.9	15.	53.209	7.294	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/09/73-11/09/88	4	22.75	22.5	32.	12.5	66.833	8.175	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/11/73-05/03/93	4	8.5	9.75	16.	6.	20.25	4.5	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/14/68-05/03/93	4	5.	6.25	10.	5.	6.25	2.5	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/11/73-05/03/93	4	46950.	45800.	48700.	40600.	12900000.	3591.657	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/14/68-05/03/93	4	36500.	34425.	37800.	26900.	25969166.667	5095.995	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/14/68-05/03/93	4	6.05	6.25	7.9	5.	1.83	1.353	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/14/68-05/03/93	4	2.25	2.2	3.1	1.2	0.647	0.804	**	**	**	**
00400	PH (STANDARD UNITS)	12/18/73-05/03/93	4	7.3	7.225	7.5	6.8	0.096	0.31	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-05/03/93	4	7.289	7.135	7.5	6.8	0.107	0.326	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-05/03/93	4	0.051	0.073	0.158	0.032	0.003	0.058	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/14/68-05/03/93	4	7.85	7.85	8.	7.7	0.017	0.129	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/14/68-05/03/93	4	7.847	7.836	8.	7.7	0.017	0.13	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/14/68-05/03/93	4	0.014	0.015	0.02	0.01	0.	0.004	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/20/68-05/03/93	4	104.	103.	106.	98.	12.667	3.559	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	01/22/74-11/09/88	4	32775.	33727.5	37710.	31650.	7340691.667	2709.371	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/11/73-05/03/93	4	0.165	0.19	0.3	0.13	0.006	0.078	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/11/73-05/03/93	4 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/11/73-05/03/93	4	0.05	0.048	0.08	0.01	0.001	0.033	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/14/68-12/02/87	3 ##	10.	11.333	23.	1.	122.333	11.06	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/14/68-12/02/87	3 ##	1.	0.787	1.362	0.	0.498	0.705	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			6.127								

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Annual Analysis for 1986 - Station FOPU0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/14/68-05/03/93	4 ##	6.	5.75	10.	1.	24.25	4.924	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/14/68-05/03/93	4 ##	0.651	0.575	1.	0.	0.256	0.506	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.761								

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Annual Analysis for 1987 - Station FOPU0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/14/68-05/03/93	6	0.	0.	0.	0.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/14/68-05/03/93	5	28.1	22.46	28.8	11.7	71.283	8.443	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/09/73-11/09/88	5	25.5	20.6	32.	9.	101.175	10.059	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/11/73-05/03/93	4	5.	5.75	10.	3.	8.917	2.986	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/14/68-05/03/93	4	5.	6.25	10.	5.	6.25	2.5	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/11/73-05/03/93	4	46550.	43500.	48300.	32600.	54526666.667	7384.217	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/14/68-05/03/93	5	38700.	39360.	48300.	27300.	66038000.	8126.377	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/14/68-05/03/93	4	6.05	6.275	8.7	4.3	4.176	2.043	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/14/68-05/03/93	4	1.85	1.85	2.3	1.4	0.177	0.42	**	**	**	**
00400	PH (STANDARD UNITS)	12/18/73-05/03/93	5	6.9	6.94	7.3	6.7	0.068	0.261	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-05/03/93	5	6.9	6.883	7.3	6.7	0.072	0.268	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-05/03/93	5	0.126	0.131	0.2	0.05	0.005	0.068	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/14/68-05/03/93	4	7.85	7.85	7.9	7.8	0.003	0.058	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/14/68-05/03/93	4	7.847	7.847	7.9	7.8	0.003	0.058	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/14/68-05/03/93	4	0.014	0.014	0.016	0.013	0.	0.002	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/20/68-05/03/93	4	103.	97.75	107.	78.	182.917	13.525	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	01/22/74-11/09/88	4	33925.	31445.	36120.	21810.	45172700.	6721.064	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/14/68-12/02/87	2	64.5	64.5	77.	52.	312.5	17.678	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/11/73-05/03/93	4	0.19	0.398	1.14	0.07	0.249	0.499	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/11/73-05/03/93	4 ##	0.015	0.023	0.05	0.01	0.	0.019	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/11/73-05/03/93	4	0.05	0.053	0.08	0.034	0.	0.021	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/14/68-12/02/87	4	53.	65.75	130.	27.	2435.583	49.352	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/14/68-12/02/87	4	1.664	1.719	2.114	1.431	0.118	0.343	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			52.309								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/14/68-05/03/93	4	12.5	14.75	33.	1.	214.917	14.66	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/14/68-05/03/93	4	1.	0.88	1.519	0.	0.464	0.681	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.579								

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Annual Analysis for 1988 - Station FOPU0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/14/68-05/03/93	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/14/68-05/03/93	4	21.6	20.875	27.4	12.9	44.382	6.662	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/09/73-11/09/88	4	24.25	22.5	28.5	13.	47.5	6.892	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/11/73-05/03/93	4	9.	9.5	14.	6.	11.	3.317	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/14/68-05/03/93	4	7.5	10.625	25.	2.5	101.563	10.078	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/11/73-05/03/93	4	42950.	33136.5	46600.	46.	495420529.	22258.044	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/14/68-05/03/93	4	43850.	43325.	45900.	39700.	7149166.667	2673.793	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/14/68-05/03/93	4	6.55	6.55	7.6	5.5	1.11	1.054	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/14/68-05/03/93	3	0.9	0.9	1.2	0.6	0.09	0.3	**	**	**	**
00400	PH (STANDARD UNITS)	12/18/73-05/03/93	4	7.55	7.545	7.7	7.38	0.019	0.137	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-05/03/93	4	7.547	7.529	7.7	7.38	0.019	0.138	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-05/03/93	4	0.028	0.03	0.042	0.02	0.	0.009	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/14/68-05/03/93	4	7.75	7.75	7.9	7.6	0.017	0.129	**	**	**	**

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Annual Analysis for 1988 - Station FOPU0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	CONVERTED PH, LAB, STANDARD UNITS	08/14/68-05/03/93	4	7.747	7.736	7.9	7.6	0.017	0.13	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/14/68-05/03/93	4	0.018	0.018	0.025	0.013	0.	0.005	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/20/68-05/03/93	4	97.5	96.75	101.	91.	21.583	4.646	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	01/22/74-11/09/88	4	32815.	31635.	35610.	25300.	19983366.667	4470.276	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/11/73-05/03/93	4	0.11	0.144	0.34	0.015	0.021	0.144	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/11/73-05/03/93	4 ##	0.01	0.011	0.015	0.01	0.	0.003	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/11/73-05/03/93	4	0.075	0.095	0.16	0.07	0.002	0.044	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/14/68-05/03/93	3 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/14/68-05/03/93	3 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.								

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Annual Analysis for 1989 - Station FOPU0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/14/68-05/03/93	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/14/68-05/03/93	3	18.6	21.833	29.3	17.6	42.063	6.486	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/11/73-05/03/93	3	8.	9.333	14.	6.	17.333	4.163	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/14/68-05/03/93	3	10.	11.667	20.	5.	58.333	7.638	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/11/73-05/03/93	3	45700.	44766.667	48800.	39800.	20903333.333	4572.016	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/14/68-05/03/93	3	40900.	28549.	44700.	47.	612883003.	24756.474	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/14/68-05/03/93	3	7.4	6.6	7.4	5.	1.92	1.386	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/14/68-05/03/93	3	1.2	1.4	1.9	1.1	0.19	0.436	**	**	**	**
00400	PH (STANDARD UNITS)	12/18/73-05/03/93	3	7.8	7.767	7.8	7.7	0.003	0.058	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-05/03/93	3	7.8	7.764	7.8	7.7	0.003	0.058	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-05/03/93	3	0.016	0.017	0.02	0.016	0.	0.002	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/14/68-05/03/93	3	7.7	7.767	7.9	7.7	0.013	0.115	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/14/68-05/03/93	3	7.7	7.757	7.9	7.7	0.013	0.116	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/14/68-05/03/93	3	0.02	0.017	0.02	0.013	0.	0.004	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/20/68-05/03/93	3	103.	101.333	104.	97.	14.333	3.786	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/11/73-05/03/93	3 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/11/73-05/03/93	3 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/11/73-05/03/93	3	0.12	0.12	0.18	0.06	0.004	0.06	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/14/68-05/03/93	2 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/14/68-05/03/93	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.								

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Annual Analysis for 1990 - Station FOPU0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/14/68-05/03/93	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/14/68-05/03/93	3	27.1	23.467	29.4	13.9	69.963	8.364	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/11/73-05/03/93	3	6.	6.	8.	4.	4.	2.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/14/68-05/03/93	3	10.	8.333	10.	5.	8.333	2.887	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/11/73-05/03/93	3	44300.	45100.	47500.	43500.	4480000.	2116.601	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/14/68-05/03/93	2	46675.	46675.	48100.	45250.	4061250.	2015.254	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/14/68-05/03/93	3	6.2	6.267	7.8	4.8	2.253	1.501	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/14/68-05/03/93	3	1.3	1.233	1.8	0.6	0.363	0.603	**	**	**	**
00400	PH (STANDARD UNITS)	12/18/73-05/03/93	3	7.6	7.667	7.8	7.6	0.013	0.115	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-05/03/93	3	7.6	7.657	7.8	7.6	0.013	0.116	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-05/03/93	3	0.025	0.022	0.025	0.016	0.	0.005	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/14/68-05/03/93	3	7.8	7.7	7.8	7.5	0.03	0.173	**	**	**	**

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

Annual Analysis for 1990 - Station FOPU0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	CONVERTED PH, LAB, STANDARD UNITS	08/14/68-05/03/93	3	7.8	7.676	7.8	7.5	0.031	0.176	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/14/68-05/03/93	3	0.016	0.021	0.032	0.016	0.	0.009	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/20/68-05/03/93	3	99.	89.333	103.	66.	412.333	20.306	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/11/73-05/03/93	3	0.03	0.048	0.1	0.015	0.002	0.045	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/11/73-05/03/93	3 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/11/73-05/03/93	3	0.09	0.083	0.09	0.07	0.	0.012	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/14/68-05/03/93	3 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/14/68-05/03/93	3 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.								

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

Annual Analysis for 1991 - Station FOPU0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/14/68-05/03/93	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/14/68-05/03/93	3	16.1	19.033	27.	14.	48.703	6.979	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/11/73-05/03/93	3	15.	12.667	21.	2.	94.333	9.713	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/14/68-05/03/93	3	10.	10.	10.	10.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/11/73-05/03/93	3	40800.	35733.333	43300.	23100.	121263333.333	11011.963	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/14/68-05/03/93	3	43200.	42700.	44800.	40100.	5710000.	2389.561	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/14/68-05/03/93	3	7.9	7.467	8.9	5.6	2.863	1.692	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/14/68-05/03/93	3	1.1	1.1	1.6	0.6	0.25	0.5	**	**	**	**
00400	PH (STANDARD UNITS)	12/18/73-05/03/93	3	7.6	7.533	7.6	7.4	0.013	0.115	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-05/03/93	3	7.6	7.523	7.6	7.4	0.014	0.116	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-05/03/93	3	0.025	0.03	0.04	0.025	0.	0.008	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/14/68-05/03/93	3	7.8	7.8	7.9	7.7	0.01	0.1	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/14/68-05/03/93	3	7.8	7.792	7.9	7.7	0.01	0.1	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/14/68-05/03/93	3	0.016	0.016	0.02	0.013	0.	0.004	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/20/68-05/03/93	3	100.	99.	101.	96.	7.	2.646	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/11/73-05/03/93	3 ##	0.015	0.027	0.05	0.015	0.	0.02	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/11/73-05/03/93	3 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/11/73-05/03/93	3	0.03	0.05	0.09	0.03	0.001	0.035	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/14/68-05/03/93	3 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/14/68-05/03/93	3 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.								

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

Annual Analysis for 1992 - Station FOPU0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/14/68-05/03/93	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/14/68-05/03/93	2	12.4	12.4	13.1	11.7	0.98	0.99	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/11/73-05/03/93	2	17.5	17.5	18.	17.	0.5	0.707	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/14/68-05/03/93	2	15.	15.	20.	10.	50.	7.071	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/11/73-05/03/93	2	39950.	39950.	42800.	37100.	16245000.	4030.509	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/14/68-05/03/93	2	39565.	39565.	43730.	35400.	34694450.	5890.199	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/14/68-05/03/93	2	7.95	7.95	8.4	7.5	0.405	0.636	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/14/68-05/03/93	2	1.	1.	1.2	0.8	0.08	0.283	**	**	**	**
00400	PH (STANDARD UNITS)	12/18/73-05/03/93	2	7.6	7.6	7.7	7.5	0.02	0.141	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-05/03/93	2	7.589	7.589	7.7	7.5	0.02	0.142	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-05/03/93	2	0.026	0.026	0.032	0.02	0.	0.008	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/14/68-05/03/93	2	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/14/68-05/03/93	2	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**

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

Annual Analysis for 1992 - Station FOPU0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/14/68-05/03/93	2	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/20/68-05/03/93	2	88.5	88.5	92.	85.	24.5	4.95	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/11/73-05/03/93	2 ##	0.023	0.023	0.03	0.015	0.	0.011	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/11/73-05/03/93	2 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/11/73-05/03/93	2	0.065	0.065	0.07	0.06	0.	0.007	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/14/68-05/03/93	2 ##	15.	15.	20.	10.	50.	7.071	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/14/68-05/03/93	2 ##	1.151	1.151	1.301	1.	0.045	0.213	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			14.142								

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

Annual Analysis for 1993 - Station FOPU0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/14/68-05/03/93	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/14/68-05/03/93	2	17.55	17.55	21.3	13.8	28.125	5.303	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/11/73-05/03/93	2	8.	8.	9.	7.	2.	1.414	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/14/68-05/03/93	2	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/11/73-05/03/93	2	33050.	33050.	33800.	32300.	1125000.	1060.66	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/14/68-05/03/93	2	33930.	33930.	34300.	33560.	273800.	523.259	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/14/68-05/03/93	2	7.6	7.6	8.5	6.7	1.62	1.273	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/14/68-05/03/93	2	1.5	1.5	1.6	1.4	0.02	0.141	**	**	**	**
00400	PH (STANDARD UNITS)	12/18/73-05/03/93	2	7.8	7.8	7.9	7.7	0.02	0.141	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-05/03/93	2	7.789	7.789	7.9	7.7	0.02	0.142	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-05/03/93	2	0.016	0.016	0.02	0.013	0.	0.005	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/14/68-05/03/93	2	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/14/68-05/03/93	2	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/14/68-05/03/93	2	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/20/68-05/03/93	2	72.5	72.5	78.	67.	60.5	7.778	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/11/73-05/03/93	2 ##	0.033	0.033	0.05	0.015	0.001	0.025	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/11/73-05/03/93	2 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/11/73-05/03/93	2	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/14/68-05/03/93	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/14/68-05/03/93	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.								

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

Seasonal Analysis for Season #1: 6/01 to 11/14 - Station FOPU0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/14/68-05/03/93	57	3.	1.807	3.	0.	1.837	1.355	0.	0.	3.	3.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/14/68-05/03/93	67	27.	25.67	31.	15.1	18.512	4.303	18.4	23.	28.9	30.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/09/73-11/09/88	59	28.	27.271	34.	15.	21.003	4.583	20.	24.5	31.	32.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/11/73-05/03/93	63	7.	8.952	42.	3.	40.53	6.366	4.	6.	9.	16.6
00080	COLOR (PLATINUM-COBALT UNITS)	08/14/68-05/03/93	65	7.	9.346	30.	2.5	45.179	6.722	2.5	5.	10.	20.
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	12/18/73-12/09/81	41	230.	229.634	322.	120.	2728.388	52.234	158.2	198.5	270.	300.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/11/73-05/03/93	61	44000.	43114.426	53500.	23100.	36751495.082	6062.301	32200.	41600.	47250.	49280.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/14/68-05/03/93	66	40000.	40099.045	58000.	47.	57943526.906	7612.065	33880.	37300.	44000.	48160.
00300	OXYGEN, DISSOLVED MG/L	08/14/68-05/03/93	64	5.6	5.859	8.2	3.	1.106	1.051	4.8	5.	6.575	7.45
00310	BOD, 5 DAY, 20 DEG C MG/L	08/14/68-05/03/93	59	1.1	1.18	3.1	0.1	0.271	0.521	0.6	0.8	1.5	1.8
00400	PH (STANDARD UNITS)	12/18/73-05/03/93	57	7.7	7.629	8.9	6.7	0.151	0.388	7.1	7.45	7.8	8.
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-05/03/93	57	7.7	7.445	8.9	6.7	0.185	0.43	7.1	7.45	7.8	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-05/03/93	57	0.02	0.036	0.2	0.001	0.002	0.042	0.01	0.016	0.036	0.079
00403	PH, LAB, STANDARD UNITS SU	08/14/68-05/03/93	66	7.8	7.779	8.1	6.8	0.05	0.224	7.6	7.7	7.9	8.
00403	CONVERTED PH, LAB, STANDARD UNITS	08/14/68-05/03/93	66	7.8	7.692	8.1	6.8	0.058	0.24	7.6	7.7	7.9	8.
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/14/68-05/03/93	66	0.016	0.02	0.158	0.008	0.	0.022	0.01	0.013	0.02	0.025
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/20/68-05/03/93	65	103.	102.846	126.	58.	122.851	11.084	91.6	98.	109.5	115.8
00500	RESIDUE, TOTAL (MG/L)	01/22/74-11/09/88	58	33095.	32762.414	39280.	18480.	16049551.966	4006.189	28546.	30995.	35332.5	37751.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/14/68-12/02/87	52	19.5	34.106	320.	0.5	2653.856	51.516	4.3	10.	45.75	60.5
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/11/73-05/03/93	62	0.05	0.099	1.14	0.01	0.031	0.175	0.01	0.014	0.105	0.204
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/11/73-05/03/93	64 ##	0.01	0.022	0.28	0.01	0.002	0.039	0.01	0.01	0.02	0.03
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/11/73-05/03/93	63	0.07	0.074	0.16	0.01	0.001	0.029	0.04	0.06	0.09	0.116
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/11/73-06/18/85	47	4.	3.753	6.1	0.5	1.697	1.303	1.9	3.	5.	5.
00940	CHLORIDE,TOTAL IN WATER MG/L	08/20/68-12/12/85	53	16700.	16990.943	25600.	12870.	5666447.17	2380.43	14876.	15600.	17735.	19320.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/14/68-12/02/87	49	15.	59.959	930.	1.	23029.04	151.753	1.	8.	34.5	130.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/14/68-12/02/87	49	1.176	1.202	2.968	0.	0.461	0.679	0.	0.903	1.537	2.114
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			15.94								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/14/68-05/03/93	60 ##	10.5	15.983	220.	1.	902.254	30.038	1.	2.	15.	32.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/14/68-05/03/93	60 ##	1.021	0.881	2.342	0.	0.304	0.551	0.	0.301	1.176	1.503
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.605								

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

Seasonal Analysis for Season #2: 11/15 to 3/31 - Station FOPU0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/14/68-05/03/93	39	1.	1.667	3.	0.	1.86	1.364	0.	0.	3.	3.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/14/68-05/03/93	43	13.	12.528	18.	5.	10.948	3.309	7.9	10.	15.	16.64
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/09/73-11/09/88	36	15.5	14.736	28.	2.	36.55	6.046	7.05	9.75	19.75	22.3
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/11/73-05/03/93	42	6.5	9.524	25.	2.	41.768	6.463	3.3	4.75	15.25	20.1
00080	COLOR (PLATINUM-COBALT UNITS)	08/14/68-05/03/93	43	5.	6.93	30.	2.5	29.733	5.453	2.5	5.	10.	13.
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	12/18/73-12/09/81	30	295.	278.833	360.	80.	2947.73	54.293	220.	250.	311.25	329.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/11/73-05/03/93	41	40000.	38503.561	55000.	46.	78502239.902	8860.149	31000.	34500.	44350.	46880.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/14/68-05/03/93	44	35200.	36644.091	55000.	26900.	38966680.55	6242.33	29000.	31925.	41375.	45000.
00300	OXYGEN, DISSOLVED MG/L	08/14/68-05/03/93	42	8.4	8.529	11.2	6.8	0.926	0.962	7.33	7.9	8.925	10.04
00310	BOD, 5 DAY, 20 DEG C MG/L	08/14/68-05/03/93	43	1.1	1.156	2.5	0.5	0.208	0.456	0.54	0.9	1.4	1.76
00400	PH (STANDARD UNITS)	12/18/73-05/03/93	41	7.7	7.785	9.2	6.9	0.189	0.434	7.22	7.5	8.	8.44
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-05/03/93	41	7.7	7.61	9.2	6.9	0.22	0.469	7.22	7.5	8.	8.44
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-05/03/93	41	0.02	0.025	0.126	0.001	0.001	0.023	0.004	0.01	0.032	0.061
00403	PH, LAB, STANDARD UNITS SU	08/14/68-05/03/93	43	7.9	7.858	8.	7.6	0.011	0.105	7.7	7.8	7.9	8.
00403	CONVERTED PH, LAB, STANDARD UNITS	08/14/68-05/03/93	43	7.9	7.846	8.	7.6	0.011	0.106	7.7	7.8	7.9	8.
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/14/68-05/03/93	43	0.013	0.014	0.025	0.01	0.	0.004	0.01	0.013	0.016	0.02
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/20/68-05/03/93	44	95.5	94.568	113.	64.	118.902	10.904	80.	87.5	103.	107.
00500	RESIDUE, TOTAL (MG/L)	01/22/74-11/09/88	36	29150.	29515.278	48910.	14560.	38318111.349	6190.162	22237.	25777.5	32495.	36768.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/14/68-12/02/87	32	15.5	43.	739.	1.	16422.581	128.151	5.6	8.	37.5	46.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/11/73-05/03/93	43 ##	0.015	0.045	0.3	0.01	0.004	0.061	0.01	0.01	0.06	0.124
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/11/73-05/03/93	44 ##	0.01	0.015	0.05	0.01	0.	0.01	0.01	0.01	0.02	0.03

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

Seasonal Analysis for Season #2: 11/15 to 3/31 - Station FOPU0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/11/73-05/03/93	44	0.06	0.06	0.18	0.02	0.001	0.033	0.025	0.04	0.08	0.09
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/11/73-06/18/85	30	3.	3.767	21.	0.5	12.53	3.54	1.1	2.375	4.	6.
00940	CHLORIDE,TOTAL IN WATER MG/L	08/20/68-12/12/85	32	14835.	15063.125	23250.	11200.	5068247.984	2251.277	12390.	13475.	16505.	17350.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/14/68-12/02/87	33	15.	34.727	230.	1.	2342.392	48.398	2.	9.	34.5	102.4
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/14/68-12/02/87	33	1.176	1.211	2.362	0.	0.33	0.575	0.301	0.952	1.537	2.008
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			16.266								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/14/68-05/03/93	41 ##	10.	12.829	73.	1.	157.695	12.558	1.2	3.5	15.	20.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/14/68-05/03/93	41 ##	1.	0.911	1.863	0.	0.221	0.471	0.06	0.5	1.176	1.301
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.152								

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

Seasonal Analysis for Season #3: 4/01 to 5/31 - Station FOPU0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/14/68-05/03/93	15	3.	2.267	3.	0.	1.21	1.1	0.6	1.	3.	3.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/14/68-05/03/93	17	22.	21.541	26.	16.5	6.208	2.492	18.1	19.5	23.	25.2
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/09/73-11/09/88	15	25.	24.9	30.5	19.	13.9	3.728	19.	21.	28.	30.2
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/11/73-05/03/93	17	7.	8.824	19.	3.	24.404	4.94	3.8	5.	13.5	16.6
00080	COLOR (PLATINUM-COBALT UNITS)	08/14/68-05/03/93	17	5.	10.029	50.	2.5	122.39	11.063	4.5	5.	10.	24.4
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	12/18/73-12/09/81	15	256.	260.467	360.	190.	2632.695	51.31	196.	220.	309.	337.2
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/11/73-05/03/93	16	38500.	37593.75	53900.	25000.	75643291.667	8697.315	25000.	30950.	44250.	51730.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/14/68-05/03/93	17	34300.	35201.765	54000.	25000.	47185652.941	6869.181	26600.	30300.	39000.	44400.
00300	OXYGEN, DISSOLVED MG/L	08/14/68-05/03/93	16	6.5	6.675	7.8	5.4	0.558	0.747	5.75	6.1	7.45	7.73
00310	BOD, 5 DAY, 20 DEG C MG/L	08/14/68-05/03/93	17	1.3	1.312	3.1	0.5	0.335	0.579	0.66	0.9	1.55	1.98
00400	PH (STANDARD UNITS)	12/18/73-05/03/93	15	7.7	7.593	8.4	6.7	0.141	0.375	7.06	7.4	7.8	8.1
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-05/03/93	15	7.7	7.423	8.4	6.7	0.172	0.415	7.06	7.4	7.8	8.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-05/03/93	15	0.02	0.038	0.2	0.004	0.002	0.047	0.009	0.016	0.04	0.11
00403	PH, LAB, STANDARD UNITS SU	08/14/68-05/03/93	17	7.8	7.806	8.1	7.6	0.017	0.13	7.68	7.7	7.85	8.02
00403	CONVERTED PH, LAB, STANDARD UNITS	08/14/68-05/03/93	17	7.8	7.789	8.1	7.6	0.017	0.131	7.68	7.7	7.85	8.02
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/14/68-05/03/93	17	0.016	0.016	0.025	0.008	0.	0.004	0.01	0.014	0.02	0.021
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/20/68-05/03/93	17	97.	90.647	123.	57.	310.743	17.628	63.4	75.	103.	108.6
00500	RESIDUE, TOTAL (MG/L)	01/22/74-11/09/88	17	29660.	27902.941	37400.	17040.	33104884.559	5753.684	19664.	22800.	31605.	36864.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/14/68-12/02/87	16	14.5	20.688	39.	8.	109.696	10.474	10.1	13.	31.5	37.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/11/73-05/03/93	16 ##	0.013	0.025	0.08	0.01	0.	0.022	0.01	0.01	0.04	0.066
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/11/73-05/03/93	16 ##	0.01	0.019	0.05	0.01	0.	0.014	0.01	0.01	0.02	0.05
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/11/73-05/03/93	16	0.04	0.047	0.09	0.01	0.	0.021	0.017	0.033	0.06	0.083
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/11/73-06/18/85	14	4.	3.779	7.	1.	2.756	1.66	1.2	2.625	5.	6.
00940	CHLORIDE,TOTAL IN WATER MG/L	08/20/68-12/12/85	16	15700.	15360.	22500.	9800.	10774333.333	3282.428	10360.	12375.	16625.	20092.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/14/68-12/02/87	15	15.	55.733	240.	1.	6400.067	80.	1.6	7.	91.	240.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/14/68-12/02/87	15	1.176	1.295	2.38	0.	0.523	0.723	0.181	0.845	1.959	2.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			19.719								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/14/68-05/03/93	17 ##	13.	14.529	91.	1.	423.765	20.586	1.	2.	15.	30.2
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/14/68-05/03/93	17 ##	1.114	0.878	1.959	0.	0.306	0.553	0.	0.301	1.176	1.333
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.55								

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

Station Inventory for Station: FOPU0008

NPS Station ID: FOPU0008
LAT/LON: 31.945837/ -80.927782
Agency: 21GAEPD
Date Created: 04/13/85
Location: WASSAW SOUND AT MOUTH OF HALF MOON CREEK
FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 01005003
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03060204
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: SAVANNAH RIVER BASIN
ECO Region:
RF1 Index: 03060204039
RF1 Mile Point: 0.480
Distance from RF1: 11.80
On/Off RF1: ON
RF3 Index: 03060204003718.22
RF3 Mile Point: 19.49
Distance from RF3: 0.87
On/Off RF3:
Description:

Parameter Inventory for Station: FOPU0008

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

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

Station Inventory for Station: FOPU0009

NPS Station ID: FOPU0009
LAT/LON: 31.973337/ -81.011670
Agency: 1113S090
Date Created: / /
Location: WILMINGTON R OPPOSITE GROVES CR
FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM
STORET Station ID(s): 133100 /WR-3100 /SRWR-2 W-2
RMI-Indexes: 0313010
Within Park Boundary: No
RMI-Miles: 0003.25
HUC: 03060204
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: SAVANNAH RIVER BASIN
ECO Region:
RF1 Index: 03060204038
RF1 Mile Point: 25.070
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 03060204003825.20
RF3 Mile Point: 26.53
Distance from RF3: 0.32
On/Off RF3:
Description:
CENTER LINE FO WILMINGTON RIVER OPPOSITE GROVES CREEK

Parameter Inventory for Station: FOPU0009

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

***** Data for this station locked by controlling agency *****

Station Inventory for Station: FOPU0010

NPS Station ID: FOPU0010
LAT/LON: 31.976670/ -81.002781
Agency: 1113S090
Date Created: / /
Location: WILMINGTON R AT SAVANNAH GAS CO.
FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 134100 /STA.043
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03060204
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: WILMINGTON RIVER BASIN
ECO Region:
RF1 Index: 03060204038
RF1 Mile Point: 24.770
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 03060204047400.00
RF3 Mile Point: 0.00
Distance from RF3: 0.03
On/Off RF3:
Description:
DATA FURNISHED BY CHATHAM COUNTY HEALTH DEPARTMENT AND THE STATE OF GEORGIA FOR THE BACK DATA PROJECT

Parameter Inventory for Station: FOPU0010

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

***** Data for this station locked by controlling agency *****

Station Inventory for Station: FOPU0011

NPS Station ID: FOPU0011
LAT/LON: 31.978892/ -80.983059
Agency: 1113S090
Date Created: / /
Location: HALFMOON R AT GREENS BOAT DOCK
FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 134180 /STA.044
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03060204
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: OGEECHEE RIVER BASIN
ECO Region:
RF1 Index: 03060204038
RF1 Mile Point: 24.320
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 03060204228900.28
RF3 Mile Point: 3.21
Distance from RF3: 0.02
On/Off RF3:
Description:
DATA FURNISHED BY CHATHAM COUNTY HEALTH DEPARTMENT AND THE STATE OF GEORGIA FOR THE BACK DATA PROJECT

Parameter Inventory for Station: FOPU0011

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

***** Data for this station locked by controlling agency *****

Station Inventory for Station: FOPU0012

NPS Station ID: FOPU0012
LAT/LON: 31.988615/ -80.848059
Agency: 1113S090
Date Created: / /
Location: SAV. BEACH AT END OF 17TH STREET
FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 134015 /STA.004
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03060204
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: SAVANNAH RIVER BASIN
ECO Region:
RF1 Index: 03060204039
RF1 Mile Point: 8.500
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 03060204226500.00
RF3 Mile Point: 0.00
Distance from RF3: 0.02
On/Off RF3:
Description:
DATA FURNISHED BY CHATHAM COUNTY HEALTH DEPARTMENT AND THE STATE OF GEORGIA FOR THE BACK DATA PROJECT

Parameter Inventory for Station: FOPU0012

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

***** Data for this station locked by controlling agency *****

Station Inventory for Station: FOPU0013

NPS Station ID: FOPU0013
LAT/LON: 31.989726/ -80.853059
Agency: 1113S090
Date Created: / /
Location: TYBEE CK AT PUBLIC BOAT DOCK
FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 134020 /STA.005
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03060204
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: SAVANNAH RIVER BASIN
ECO Region:
RF1 Index: 03060204039
RF1 Mile Point: 8.500
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 030602040000100.00
RF3 Mile Point: 0.11
Distance from RF3: 0.04
On/Off RF3:
Description:
DATA FURNISHED BY CHATHAM COUNTY HEALTH DEPARTMENT AND THE STATE OF GEORGIA FOR THE BACK DATA PROJECT

Parameter Inventory for Station: FOPU0013

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

***** Data for this station locked by controlling agency *****

Station Inventory for Station: FOPU0014

NPS Station ID: FOPU0014
LAT/LON: 31.990004/ -80.853615
Agency: 21GAEPD
Date Created: / /
Location: TYBEE CR. - NEAR SOUTHERN TIP OF TYBEE I.
FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 01030001
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03060204
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: SAVANNAH RIVER
ECO Region:
RF1 Index: 03060204039
RF1 Mile Point: 8.500
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 03060109092400.00
RF3 Mile Point: 2.08
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: FOPU0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/14/75-05/03/93	112	3.	1.777	3.	0.	1.797	1.34	0.	0.	3.	3.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/73-05/03/93	131	20.	19.995	31.	4.	49.625	7.044	10.5	14.4	26.7	29.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/09/73-11/09/88	114	25.	23.184	37.	2.	65.968	8.122	10.75	17.75	30.	32.25
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/11/73-05/03/93	127	8.	9.969	108.	2.	102.062	10.103	4.	6.	11.	18.2
00078	TRANSPARENCY, SECCHI DISC (METERS)	03/18/85-05/03/93	28	1.065	1.095	1.53	0.75	0.036	0.191	0.797	1.	1.218	1.325
00080	COLOR (PLATINUM-COBALT UNITS)	09/11/73-05/03/93	127	5.	8.346	70.	2.5	70.55	8.399	2.5	5.	10.	18.4
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	12/18/73-01/27/82	87	260.	253.356	370.	60.	3394.86	58.265	185.6	220.	300.	321.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/11/73-05/03/93	124	43650.	42061.29	55000.	20000.	42024505.639	6482.631	32500.	38550.	46000.	48950.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/11/73-05/03/93	130	39000.	39102.746	55000.	47.	42890028.904	6549.048	32330.	35075.	43050.	45950.
00300	OXYGEN, DISSOLVED MG/L	09/11/73-05/03/93	126	7.25	7.125	11.1	3.3	2.384	1.544	5.2	5.775	8.2	9.4
00310	BOD, 5 DAY, 20 DEG C MG/L	09/11/73-05/03/93	122	1.3	1.344	3.5	0.05	0.302	0.549	0.8	1.	1.6	2.1
00400	PH (STANDARD UNITS)	12/18/73-05/03/93	118	7.8	7.706	8.9	5.6	0.217	0.466	7.19	7.5	8.	8.2
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-05/03/93	118	7.8	7.264	8.9	5.6	0.413	0.643	7.19	7.5	8.	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-05/03/93	118	0.016	0.054	2.512	0.001	0.055	0.236	0.006	0.01	0.032	0.065
00403	PH, LAB, STANDARD UNITS SU	09/11/73-05/03/93	130	7.9	7.938	8.3	7.6	0.017	0.13	7.8	7.9	8.	8.1
00403	CONVERTED PH, LAB, STANDARD UNITS	09/11/73-05/03/93	130	7.9	7.918	8.3	7.6	0.017	0.132	7.8	7.9	8.	8.1
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/11/73-05/03/93	130	0.013	0.012	0.025	0.005	0.	0.004	0.008	0.01	0.013	0.016
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/11/73-05/03/93	130	101.	100.254	125.	65.	91.09	9.544	88.1	96.	106.	110.
00480	SALINITY - PARTS PER THOUSAND	05/28/74-07/23/74	2	29.	29.	31.	27.	8.	2.828	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	01/22/74-11/09/88	111	32500.	32301.892	42360.	20380.	12373777.297	3517.638	27948.	30070.	34420.	36378.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/11/73-12/18/73	4	30340.	30385.	32860.	28000.	4997700.	2235.554	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/11/73-12/02/87	98	22.5	30.235	150.	2.	716.573	26.769	7.9	14.	41.	61.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/11/73-05/03/93	125	## 0.02	0.075	1.1	0.005	0.018	0.132	0.01	0.01	0.08	0.24
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/18/85-05/03/93	31	0.4	0.477	1.4	0.05	0.131	0.362	0.05	0.2	0.7	1.1
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/11/73-05/03/93	129	## 0.01	0.02	0.15	0.01	0.001	0.022	0.01	0.01	0.02	0.05
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/11/73-05/03/93	128	0.055	0.065	0.48	0.01	0.002	0.047	0.03	0.04	0.08	0.1
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	03/18/85-03/12/86	5	0.05	0.036	0.06	0.01	0.001	0.024	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/11/73-06/18/85	92	3.25	4.093	23.	0.5	10.34	3.216	2.	3.	4.875	6.7
00940	CHLORIDE,TOTAL IN WATER MG/L	09/11/73-09/02/87	104	16450.	16484.904	23750.	0.05	7698007.287	2774.528	14120.	15025.	17475.	19350.
00945	SULFATE, TOTAL (MG/L AS SO4)	03/18/85-12/12/85	4	2061.5	2293.25	3150.	1900.	334548.917	578.402	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	09/02/87-09/02/87	1	## 100.	100.	100.	100.	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	09/02/87-09/02/87	1	## 1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	09/02/87-09/02/87	1	## 50.	50.	50.	50.	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/02/87-09/02/87	1	## 0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/02/87-09/02/87	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/02/87-09/02/87	1	250.	250.	250.	250.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/02/87-09/02/87	1	## 250.	250.	250.	250.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/02/87-09/02/87	1	## 1.	1.	1.	1.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: FOPU0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01051	LEAD, TOTAL (UG/L AS PB)	09/02/87-09/02/87	1 ##	250.	250.	250.	250.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/02/87-09/02/87	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	09/02/87-09/02/87	1	21.	21.	21.	21.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/02/87-09/02/87	1 ##	0.75	0.75	0.75	0.75	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/02/87-09/02/87	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	09/02/87-09/02/87	1	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/11/73-12/02/87	99	17.	594.51	32600.	1.	11698023.025	3420.237	2.	8.	91.	430.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/11/73-12/02/87	99	1.23	1.472	4.513	0.	0.854	0.924	0.301	0.903	1.959	2.633
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			29.621								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	121	13.	52.14	2300.	1.	47796.738	218.625	1.2	5.	33.	79.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	121	1.114	1.086	3.362	0.	0.417	0.646	0.06	0.699	1.519	1.898
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.203								
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	03/18/85-12/02/87	12	8.45	9.517	18.8	4.3	19.649	4.433	4.36	6.15	12.95	17.54
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	09/02/87-09/02/87	1 ##	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	09/02/87-09/02/87	1 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
39359	DDT SUM ANALOGS IN SEDIMENT UG/KG DRY WEIGHT	09/02/87-09/02/87	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	09/02/87-09/02/87	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/02/87-09/02/87	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	09/02/87-09/02/87	1 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/02/87-09/02/87	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	09/02/87-09/02/87	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	09/02/87-09/02/87	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/02/87-09/02/87	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	09/02/87-09/02/87	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	09/02/87-09/02/87	1 ##	6.	6.	6.	6.	0.	0.	**	**	**	**
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	09/02/87-09/02/87	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/02/87-09/02/87	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	09/02/87-09/02/87	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39811	CHLORDANE,GAMMA,IN BOTTOM DEPOS(UG/KG DRY SOLIDS)	09/02/87-09/02/87	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	09/02/87-09/02/87	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/02/87-09/02/87	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: FOPU0014

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-11/14 Obs	6/01-11/14 Exceed	6/01-11/14 Prop.	11/15-3/31 Obs	11/15-3/31 Exceed	11/15-3/31 Prop.	4/01-5/31 Obs	4/01-5/31 Exceed	4/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	127	1	0.01	63	1	0.02	46	0	0.00	18	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	126	2	0.02	62	2	0.03	47	0	0.00	17	0	0.00			
00400	PH	Fresh Chronic	9.	118	0	0.00	56	0	0.00	45	0	0.00	17	0	0.00			
		Other-Lo Lim.	6.5	118	3	0.03	56	1	0.02	45	1	0.02	17	1	0.06			
00403	PH, LAB	Fresh Chronic	9.	130	0	0.00	64	0	0.00	48	0	0.00	18	0	0.00			
		Other-Lo Lim.	6.5	130	0	0.00	64	0	0.00	48	0	0.00	18	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	129	0	0.00	64	0	0.00	48	0	0.00	17	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	104	103	0.99	53	52	0.98	35	35	1.00	16	16	1.00			
		Drinking Water	250.	104	103	0.99	53	52	0.98	35	35	1.00	16	16	1.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	4	4	1.00	2	2	1.00	2	2	1.00						
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	0 &	0	0.00												
01027	CADMIUM, TOTAL	Fresh Acute	3.9	0 &	0	0.00												
		Drinking Water	5.	0 &	0	0.00												
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	1	1.00	1	1	1.00									
01042	COPPER, TOTAL	Fresh Acute	18.	0 &	0	0.00												
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	0 &	0	0.00												
		Drinking Water	15.	0 &	0	0.00												
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	99	5	0.05	47	3	0.06	37	2	0.05	15	0	0.00			

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

EPA Water Quality Criteria Analysis for Station: FOPU0014

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-11/14 Obs	6/01-11/14 Exceed	6/01-11/14 Prop.	11/15-3/31 Obs	11/15-3/31 Exceed	11/15-3/31 Prop.	4/01-5/31 Obs	4/01-5/31 Exceed	4/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	121	6	0.05	58	4	0.07	45	1	0.02	18	1	0.06			
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									
39360	DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	1	0	0.00	1	0	0.00									
39365	DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	1	0	0.00	1	0	0.00									
39370	DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	1	0	0.00	1	0	0.00									
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	1	0	0.00	1	0	0.00									
39782	LINDANE IN WHOLE WATER SAMPLE	Fresh Acute	2.	1	0	0.00	1	0	0.00									
		Drinking Water	0.2	1	0	0.00	1	0	0.00									
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									

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

Annual Analysis for 1973 - Station FOPU0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/73-05/03/93	4	20.65	20.4	29.8	10.5	79.847	8.936	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/09/73-11/09/88	3	18.	18.333	27.5	9.5	81.083	9.005	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/11/73-05/03/93	4	9.	9.	10.	8.	1.333	1.155	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/11/73-05/03/93	4	7.5	7.5	10.	5.	8.333	2.887	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	12/18/73-01/27/82	1	325.	325.	325.	325.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/11/73-05/03/93	4	44250.	43475.	49000.	36400.	28302500.	5320.009	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/11/73-05/03/93	4	37500.	37500.	40000.	35000.	5666666.667	2380.476	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/11/73-05/03/93	4	6.95	7.4	9.7	6.	2.927	1.711	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/11/73-05/03/93	4	0.8	0.8	1.	0.6	0.027	0.163	**	**	**	**
00400	PH (STANDARD UNITS)	12/18/73-05/03/93	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-05/03/93	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-05/03/93	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/11/73-05/03/93	4	8.	8.	8.1	7.9	0.007	0.082	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/11/73-05/03/93	4	8.	7.994	8.1	7.9	0.007	0.082	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/11/73-05/03/93	4	0.01	0.01	0.013	0.008	0.	0.002	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/11/73-05/03/93	4	98.	98.	101.	95.	8.667	2.944	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/11/73-12/02/87	3	48.	35.667	49.	10.	494.333	22.234	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/11/73-05/03/93	4 ##	0.01	0.014	0.03	0.005	0.	0.011	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/11/73-05/03/93	4 ##	0.02	0.025	0.05	0.01	0.	0.019	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/11/73-05/03/93	4	0.075	0.095	0.18	0.05	0.004	0.059	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/11/73-06/18/85	4	3.5	4.25	7.	3.	3.583	1.893	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/11/73-09/02/87	4	15550.	15637.5	16700.	14750.	925625.	962.094	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/11/73-12/02/87	4	330.	401.25	930.	15.	152972.917	391.118	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/11/73-12/02/87	4	2.498	2.285	2.968	1.176	0.608	0.78	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			192.727								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	4	190.	206.25	430.	15.	30122.917	173.56	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	4	2.269	2.087	2.633	1.176	0.404	0.636	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			122.136								

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

Annual Analysis for 1974 - Station FOPU0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/73-05/03/93	12	22.25	21.292	29.	11.5	38.794	6.228	12.25	15.25	27.375	29.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/09/73-11/09/88	12	24.	22.75	32.	6.	70.25	8.382	7.35	18.25	30.625	31.7
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/11/73-05/03/93	12	9.	8.	12.	4.	7.818	2.796	4.3	5.	10.	11.7
00080	COLOR (PLATINUM-COBALT UNITS)	09/11/73-05/03/93	12	5.	4.375	10.	2.5	4.688	2.165	2.5	2.5	5.	8.5
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	12/18/73-01/27/82	11	290.	280.909	320.	230.	829.091	28.794	230.	270.	300.	318.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/11/73-05/03/93	8	47000.	46275.	49000.	43000.	4605000.	2145.926	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/11/73-05/03/93	12	39400.	40050.	46000.	35000.	15486363.636	3935.272	35300.	36625.	43750.	45850.
00300	OXYGEN, DISSOLVED MG/L	09/11/73-05/03/93	12	6.3	6.833	9.7	3.3	3.762	1.94	3.96	5.6	8.975	9.67
00310	BOD, 5 DAY, 20 DEG C MG/L	09/11/73-05/03/93	12	1.	1.092	1.6	0.7	0.084	0.291	0.73	0.9	1.35	1.57
00400	PH (STANDARD UNITS)	12/18/73-05/03/93	11	7.5	7.391	8.1	5.6	0.599	0.774	5.74	7.4	8.	8.08
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-05/03/93	11	7.5	6.533	8.1	5.6	1.408	1.187	5.74	7.4	8.	8.08
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-05/03/93	11	0.032	0.293	2.512	0.008	0.562	0.75	0.008	0.01	0.04	2.11
00403	PH, LAB, STANDARD UNITS SU	09/11/73-05/03/93	12	8.	7.983	8.1	7.8	0.007	0.083	7.83	7.925	8.	8.1
00403	CONVERTED PH, LAB, STANDARD UNITS	09/11/73-05/03/93	12	8.	7.976	8.1	7.8	0.007	0.084	7.83	7.925	8.	8.1
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/11/73-05/03/93	12	0.01	0.011	0.016	0.008	0.	0.002	0.008	0.01	0.012	0.015
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/11/73-05/03/93	12	105.	103.167	107.	95.	16.879	4.108	95.9	98.75	106.	107.
00500	RESIDUE, TOTAL (MG/L)	01/22/74-11/09/88	12	32835.	32280.	35900.	25740.	7469290.909	2733.	26766.	30765.	34087.5	35462.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/11/73-12/02/87	11	16.	20.182	59.	6.	215.564	14.682	6.4	12.	23.	53.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/11/73-05/03/93	12 ##	0.01	0.017	0.08	0.01	0.	0.02	0.01	0.01	0.01	0.062
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/11/73-05/03/93	12 ##	0.01	0.02	0.09	0.01	0.001	0.025	0.01	0.01	0.01	0.078
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/11/73-05/03/93	12	0.05	0.053	0.08	0.03	0.	0.015	0.033	0.04	0.068	0.077
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/11/73-06/18/85	11	3.	3.545	6.	3.	1.073	1.036	3.	3.	4.	5.8
00940	CHLORIDE,TOTAL IN WATER MG/L	09/11/73-09/02/87	12	17000.	16629.167	17800.	14250.	1043844.697	1021.687	14595.	15850.	17200.	17680.

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Annual Analysis for 1974 - Station FOPU0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/11/73-12/02/87	10	230.	3678.	32600.	15.	103769962.222	10186.754	15.	15.	1272.5	29570.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/11/73-12/02/87	10	2.362	2.29	4.513	1.176	1.294	1.137	1.176	1.176	3.067	4.398
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			195.196								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	9	36.	332.222	2300.	15.	562170.194	749.78	15.	15.	260.5	2300.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	9	1.556	1.786	3.362	1.176	0.597	0.773	1.176	1.176	2.296	3.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			61.16								

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Annual Analysis for 1975 - Station FOPU0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/14/75-05/03/93	12	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/73-05/03/93	12	21.75	20.625	29.	12.	34.006	5.831	12.	15.625	25.375	28.4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/09/73-11/09/88	11	28.	24.727	31.	8.	51.018	7.143	9.6	22.	30.	31.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/11/73-05/03/93	12	7.	9.167	20.	3.	27.606	5.254	3.6	5.25	14.	18.8
00080	COLOR (PLATINUM-COBALT UNITS)	09/11/73-05/03/93	12	5.	5.208	10.	2.5	8.521	2.919	2.5	2.5	7.75	10.
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	12/18/73-01/27/82	12	250.	257.5	370.	170.	4693.182	68.507	173.	200.	317.5	367.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/11/73-05/03/93	12	44000.	42666.667	49000.	35000.	17878787.879	4228.332	35300.	40000.	45000.	48400.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/11/73-05/03/93	12	41550.	40041.667	44000.	33000.	12269924.242	3502.845	33810.	37275.	42750.	43820.
00300	OXYGEN, DISSOLVED MG/L	09/11/73-05/03/93	10	5.9	6.33	8.2	5.1	1.591	1.261	5.1	5.1	7.6	8.17
00310	BOD, 5 DAY, 20 DEG C MG/L	09/11/73-05/03/93	12	1.	1.033	1.6	0.5	0.113	0.337	0.53	0.825	1.325	1.57
00400	PH (STANDARD UNITS)	12/18/73-05/03/93	12	8.05	7.892	8.4	7.2	0.197	0.444	7.2	7.35	8.2	8.37
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-05/03/93	12	8.047	7.66	8.4	7.2	0.256	0.506	7.2	7.35	8.2	8.37
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-05/03/93	12	0.009	0.022	0.063	0.004	0.001	0.025	0.004	0.006	0.051	0.063
00403	PH, LAB, STANDARD UNITS SU	09/11/73-05/03/93	12	7.9	7.908	8.	7.8	0.004	0.067	7.8	7.9	7.975	8.
00403	CONVERTED PH, LAB, STANDARD UNITS	09/11/73-05/03/93	12	7.9	7.904	8.	7.8	0.004	0.067	7.8	7.9	7.975	8.
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/11/73-05/03/93	12	0.013	0.012	0.016	0.01	0.	0.002	0.01	0.011	0.013	0.016
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/11/73-05/03/93	12	100.	94.5	109.	65.	209.364	14.469	67.1	82.5	104.	108.4
00500	RESIDUE, TOTAL (MG/L)	01/22/74-11/09/88	12	31985.	31076.667	35200.	25820.	6917024.242	2630.024	26444.	28967.5	32475.	34780.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/11/73-12/02/87	12	16.5	20.583	48.	3.	147.538	12.147	6.	13.	29.25	43.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/11/73-05/03/93	10	## 0.01	0.038	0.24	0.01	0.005	0.072	0.01	0.01	0.025	0.22
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/11/73-05/03/93	12	## 0.01	0.013	0.02	0.01	0.	0.005	0.01	0.01	0.018	0.02
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/11/73-05/03/93	12	0.045	0.051	0.1	0.03	0.	0.022	0.03	0.04	0.05	0.097
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/11/73-06/18/85	10	4.5	5.	8.	3.	2.889	1.7	3.	3.75	6.25	7.9
00940	CHLORIDE,TOTAL IN WATER MG/L	09/11/73-09/02/87	12	16000.	15720.833	17600.	12300.	2213390.152	1487.747	12810.	14837.5	16575.	17540.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/11/73-12/02/87	8	145.5	667.25	4300.	15.	2173873.929	1474.406	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/11/73-12/02/87	8	2.13	2.147	3.633	1.176	0.599	0.774	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			140.339								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	12	36.	84.	430.	15.	13410.545	115.804	15.	36.	91.	346.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	12	1.556	1.701	2.633	1.176	0.173	0.416	1.176	1.556	1.959	2.496
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			50.289								

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Annual Analysis for 1976 - Station FOPU0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/14/75-05/03/93	10	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/73-05/03/93	12	18.	18.875	30.	10.	45.233	6.726	10.15	13.25	24.75	29.4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/09/73-11/09/88	12	20.5	22.75	35.	15.	52.386	7.238	15.	16.25	29.5	34.1
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/11/73-05/03/93	12	8.	9.417	20.	3.	19.174	4.379	3.3	8.	11.75	17.6
00080	COLOR (PLATINUM-COBALT UNITS)	09/11/73-05/03/93	12	5.	6.042	20.	2.5	26.657	5.163	2.5	2.5	8.75	17.
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	12/18/73-01/27/82	8	242.5	211.875	300.	60.	8570.982	92.58	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/11/73-05/03/93	12	40500.	36916.667	44000.	20000.	52810606.061	7267.091	22400.	32500.	42000.	43700.

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Annual Analysis for 1976 - Station FOPU0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/11/73-05/03/93	12	34520.	33478.333	35800.	26500.	7090306.061	2662.763	27691.	32665.	35200.	35680.
00300	OXYGEN, DISSOLVED MG/L	09/11/73-05/03/93	11	8.	7.727	9.2	5.6	1.39	1.179	5.62	7.2	8.4	9.16
00310	BOD, 5 DAY, 20 DEG C MG/L	09/11/73-05/03/93	11	1.2	1.264	1.8	0.8	0.119	0.344	0.8	0.9	1.6	1.76
00400	PH (STANDARD UNITS)	12/18/73-05/03/93	10	7.9	7.92	8.6	7.4	0.177	0.421	7.41	7.5	8.15	8.6
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-05/03/93	10	7.889	7.77	8.6	7.4	0.202	0.45	7.41	7.5	8.15	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-05/03/93	10	0.013	0.017	0.04	0.003	0.	0.013	0.003	0.008	0.032	0.039
00403	PH, LAB, STANDARD UNITS SU	09/11/73-05/03/93	12	7.9	7.95	8.1	7.8	0.008	0.09	7.83	7.9	8.	8.1
00403	CONVERTED PH, LAB, STANDARD UNITS	09/11/73-05/03/93	12	7.9	7.942	8.1	7.8	0.008	0.091	7.83	7.9	8.	8.1
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/11/73-05/03/93	12	0.013	0.011	0.016	0.008	0.	0.002	0.008	0.01	0.013	0.015
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/11/73-05/03/93	12	95.	95.	101.	87.	17.818	4.221	87.9	91.5	98.75	100.7
00500	RESIDUE, TOTAL (MG/L)	01/22/74-11/09/88	12	29920.	29893.333	34080.	26740.	4037333.333	2009.312	27160.	28327.5	30562.5	33675.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/11/73-12/02/87	11	20.	22.545	66.	5.	316.073	17.778	5.	9.	24.	61.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/11/73-05/03/93	12 ##	0.02	0.048	0.2	0.01	0.004	0.06	0.01	0.01	0.075	0.176
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/11/73-05/03/93	12 ##	0.015	0.021	0.05	0.01	0.	0.014	0.01	0.01	0.035	0.047
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/11/73-05/03/93	12	0.08	0.072	0.1	0.03	0.001	0.027	0.03	0.043	0.098	0.1
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/11/73-06/18/85	12	4.	5.917	22.	3.	28.083	5.299	3.	3.25	6.5	17.8
00940	CHLORIDE,TOTAL IN WATER MG/L	09/11/73-09/02/87	12	15190.	15133.333	16700.	13400.	761406.061	872.586	13616.	14550.	15575.	16490.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/11/73-12/02/87	11	91.	302.909	2300.	15.	445211.491	667.242	18.	36.	230.	1886.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/11/73-12/02/87	11	1.959	1.994	3.362	1.176	0.357	0.598	1.236	1.556	2.362	3.162
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			98.616								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	11	36.	44.182	210.	15.	3130.364	55.95	15.	15.	36.	175.2
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	11	1.556	1.488	2.322	1.176	0.111	0.334	1.176	1.176	1.556	2.169
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			30.738								

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Annual Analysis for 1977 - Station FOPU0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/14/75-05/03/93	12	3.	3.	3.	3.	0.	0.	3.	3.	3.	3.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/73-05/03/93	12	22.25	20.625	30.	4.	66.915	8.18	5.5	16.	27.	30.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/09/73-11/09/88	12	28.	25.25	37.	2.	91.114	9.545	5.9	19.75	31.	36.1
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/11/73-05/03/93	12	8.	16.5	108.	2.	840.273	28.987	2.9	6.25	11.75	79.5
00080	COLOR (PLATINUM-COBALT UNITS)	09/11/73-05/03/93	12	5.	6.667	20.	2.5	22.015	4.692	2.5	5.	7.75	17.
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	12/18/73-01/27/82	12	237.5	245.417	300.	190.	1206.629	34.737	199.	220.	280.	297.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/11/73-05/03/93	12	44000.	42625.	48000.	32000.	23414772.727	4838.881	32600.	41500.	45750.	47400.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/11/73-05/03/93	12	37700.	38190.	45340.	31200.	18783909.091	4334.041	31860.	34362.5	41000.	45148.
00300	OXYGEN, DISSOLVED MG/L	09/11/73-05/03/93	12	6.5	6.825	9.8	5.2	2.244	1.498	5.29	5.7	7.7	9.65
00310	BOD, 5 DAY, 20 DEG C MG/L	09/11/73-05/03/93	9	1.3	1.144	1.6	0.2	0.185	0.43	0.2	0.95	1.45	1.6
00400	PH (STANDARD UNITS)	12/18/73-05/03/93	12	7.85	7.775	8.2	7.	0.135	0.367	7.12	7.5	8.075	8.2
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-05/03/93	12	7.847	7.614	8.2	7.	0.163	0.404	7.12	7.5	8.075	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-05/03/93	12	0.014	0.024	0.1	0.006	0.001	0.026	0.006	0.008	0.032	0.082
00403	PH, LAB, STANDARD UNITS SU	09/11/73-05/03/93	12	8.	8.017	8.2	7.9	0.005	0.072	7.93	8.	8.	8.17
00403	CONVERTED PH, LAB, STANDARD UNITS	09/11/73-05/03/93	12	8.	8.012	8.2	7.9	0.005	0.072	7.93	8.	8.	8.17
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/11/73-05/03/93	12	0.01	0.01	0.013	0.006	0.	0.001	0.007	0.01	0.01	0.012
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/11/73-05/03/93	12	103.5	101.083	112.	86.	47.72	6.908	88.4	96.	105.	110.2
00500	RESIDUE, TOTAL (MG/L)	01/22/74-11/09/88	12	32425.	32096.667	37860.	25660.	11561187.879	3400.175	26638.	29765.	34702.5	37425.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/11/73-12/02/87	12	14.	28.333	145.	2.	1632.788	40.408	2.6	7.	27.25	121.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/11/73-05/03/93	11	0.08	0.091	0.24	0.01	0.005	0.073	0.01	0.01	0.14	0.224
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/11/73-05/03/93	12 ##	0.015	0.018	0.05	0.01	0.	0.012	0.01	0.01	0.02	0.044
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/11/73-05/03/93	12	0.09	0.088	0.17	0.05	0.001	0.03	0.053	0.065	0.098	0.149
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/11/73-06/18/85	12	4.	5.5	23.	2.	31.909	5.649	2.	3.	5.	17.9
00940	CHLORIDE,TOTAL IN WATER MG/L	09/11/73-09/02/87	12	17095.	16967.5	20500.	14300.	3370802.273	1835.974	14540.	15250.	18212.5	20080.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/11/73-12/02/87	8	74.	1236.625	9300.	15.	10624561.125	3259.534	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/11/73-12/02/87	8	1.869	1.96	3.968	1.176	0.883	0.939	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			91.189								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	10 ##	15.	14.	15.	10.	4.444	2.108	10.	13.75	15.	15.

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

Annual Analysis for 1977 - Station FOPU0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	10 ##	1.176	1.141	1.176	1.	0.006	0.074	1.	1.132	1.176	1.176
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			13.832								

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

Annual Analysis for 1978 - Station FOPU0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/14/75-05/03/93	11	3.	3.	3.	3.	0.	0.	3.	3.	3.	3.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/73-05/03/93	11	20.	18.818	29.5	5.	72.314	8.504	5.5	8.	25.5	28.9
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/09/73-11/09/88	11	28.5	24.682	33.	5.	87.414	9.35	6.	19.	30.	33.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/11/73-05/03/93	11	9.	11.182	26.	5.	45.364	6.735	5.	6.	14.	25.
00080	COLOR (PLATINUM-COBALT UNITS)	09/11/73-05/03/93	11	15.	19.318	70.	2.5	339.914	18.437	3.4	10.	20.	62.
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	12/18/73-01/27/82	11	260.	252.273	335.	180.	2176.818	46.656	182.	220.	290.	328.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/11/73-05/03/93	11	42000.	41545.455	48000.	33000.	20072727.273	4480.26	33400.	39000.	45000.	47400.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/11/73-05/03/93	10	39275.	40562.	52000.	30600.	50128995.556	7080.183	30810.	33952.5	46750.	51700.
00300	OXYGEN, DISSOLVED MG/L	09/11/73-05/03/93	10	7.15	7.71	11.1	5.6	4.052	2.013	5.63	5.9	9.8	11.
00310	BOD, 5 DAY, 20 DEG C MG/L	09/11/73-05/03/93	11	1.6	1.655	2.3	0.9	0.243	0.493	0.92	1.3	2.2	2.3
00400	PH (STANDARD UNITS)	12/18/73-05/03/93	11	7.8	7.727	8.1	7.1	0.1	0.317	7.14	7.5	8.	8.08
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-05/03/93	11	7.8	7.608	8.1	7.1	0.116	0.34	7.14	7.5	8.	8.08
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-05/03/93	11	0.016	0.025	0.079	0.008	0.	0.022	0.008	0.01	0.032	0.074
00403	PH, LAB, STANDARD UNITS SU	09/11/73-05/03/93	11	8.	7.982	8.1	7.8	0.014	0.117	7.8	7.9	8.1	8.1
00403	CONVERTED PH, LAB, STANDARD UNITS	09/11/73-05/03/93	11	8.	7.967	8.1	7.8	0.014	0.118	7.8	7.9	8.1	8.1
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/11/73-05/03/93	11	0.01	0.011	0.016	0.008	0.	0.003	0.008	0.008	0.013	0.016
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/11/73-05/03/93	11	102.	100.818	113.	75.	114.364	10.694	78.4	95.	109.	112.8
00500	RESIDUE, TOTAL (MG/L)	01/22/74-11/09/88	11	32520.	32490.	36250.	23510.	13504800.	3674.888	24726.	30710.	35250.	36230.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/11/73-12/02/87	11	20.	35.727	150.	8.	1732.218	41.62	8.4	10.	50.	132.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/11/73-05/03/93	11	0.02	0.065	0.27	0.01	0.008	0.092	0.01	0.01	0.08	0.26
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/11/73-05/03/93	11 ##	0.01	0.025	0.08	0.01	0.001	0.024	0.01	0.01	0.05	0.074
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/11/73-05/03/93	10	0.055	0.059	0.1	0.03	0.	0.021	0.031	0.04	0.073	0.098
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/11/73-06/18/85	11	2.5	3.045	9.	0.5	5.673	2.382	0.5	2.	4.	8.2
00940	CHLORIDE,TOTAL IN WATER MG/L	09/11/73-09/02/87	11	16870.	17288.182	23750.	12200.	8246836.364	2871.731	12700.	16400.	18400.	22920.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/11/73-12/02/87	11	11.	45.182	230.	1.	5421.764	73.633	1.2	4.	79.	210.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/11/73-12/02/87	11	1.041	1.1	2.362	0.	0.566	0.753	0.06	0.602	1.898	2.312
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			12.575								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	11	10.	10.	23.	1.	48.6	6.971	1.2	4.	13.	22.4
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	11	1.	0.86	1.362	0.	0.176	0.42	0.06	0.602	1.114	1.35
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.247								

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Annual Analysis for 1979 - Station FOPU0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/14/75-05/03/93	12	3.	3.	3.	3.	0.	0.	3.	3.	3.	3.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/73-05/03/93	12	20.75	19.333	29.	8.5	54.788	7.402	8.95	11.25	25.875	28.25
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/09/73-11/09/88	12	22.	22.458	33.	9.	79.157	8.897	10.2	13.25	32.	32.85
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/11/73-05/03/93	10	9.5	12.	25.	5.	40.222	6.342	5.2	7.75	17.	24.5
00080	COLOR (PLATINUM-COBALT UNITS)	09/11/73-05/03/93	10	5.	10.	30.	5.	77.778	8.819	5.	5.	16.25	29.
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	12/18/73-01/27/82	10	280.	277.	330.	210.	1201.111	34.657	213.	255.	300.	327.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/11/73-05/03/93	12	41750.	39050.	45000.	30100.	37584545.455	6130.624	30370.	32000.	44750.	45000.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/11/73-05/03/93	12	38000.	37508.333	45000.	30000.	27100833.333	5205.846	30300.	32275.	41500.	45000.
00300	OXYGEN, DISSOLVED MG/L	09/11/73-05/03/93	12	7.4	7.475	9.8	4.7	1.926	1.388	5.15	6.425	8.55	9.56
00310	BOD, 5 DAY, 20 DEG C MG/L	09/11/73-05/03/93	11	1.1	1.323	3.1	0.05	0.579	0.761	0.2	0.9	1.7	2.84
00400	PH (STANDARD UNITS)	12/18/73-05/03/93	10	8.1	8.17	8.9	7.7	0.149	0.386	7.71	7.875	8.525	8.87

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Annual Analysis for 1979 - Station FOPU0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-05/03/93	10	8.1	8.045	8.9	7.7	0.166	0.408	7.71	7.875	8.525	8.87
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-05/03/93	10	0.008	0.009	0.02	0.001	0.	0.006	0.001	0.003	0.013	0.02
00403	PH, LAB, STANDARD UNITS SU	09/11/73-05/03/93	12	8.05	8.033	8.2	7.7	0.024	0.156	7.73	8.	8.175	8.2
00403	CONVERTED PH, LAB, STANDARD UNITS	09/11/73-05/03/93	12	8.047	8.005	8.2	7.7	0.025	0.158	7.73	8.	8.175	8.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/11/73-05/03/93	12	0.009	0.01	0.02	0.006	0.	0.004	0.006	0.007	0.01	0.019
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/11/73-05/03/93	12	99.5	100.833	121.	85.	106.152	10.303	85.9	93.5	109.	117.7
00500	RESIDUE, TOTAL (MG/L)	01/22/74-11/09/88	12	31940.	32109.167	42360.	26730.	16021426.515	4002.677	26958.	29370.	33172.5	40056.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/11/73-12/02/87	12	25.	26.917	45.	7.	134.447	11.595	9.7	18.75	39.75	43.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/11/73-05/03/93	11	0.04	0.07	0.31	0.01	0.009	0.097	0.01	0.01	0.08	0.288
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/11/73-05/03/93	11 ##	0.01	0.04	0.15	0.01	0.003	0.05	0.01	0.01	0.06	0.144
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/11/73-05/03/93	11	0.06	0.06	0.12	0.02	0.001	0.031	0.022	0.04	0.09	0.116
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/11/73-06/18/85	10	2.5	2.51	5.	0.5	1.923	1.387	0.55	1.375	3.275	4.91
00940	CHLORIDE,TOTAL IN WATER MG/L	09/11/73-09/02/87	12	15500.	15810.	18750.	13900.	2480018.182	1574.807	13900.	14412.5	17080.	18405.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/11/73-12/02/87	12	7.5	33.333	220.	1.	3767.515	61.38	1.3	2.75	45.	168.7
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/11/73-12/02/87	12	0.874	1.031	2.342	0.	0.472	0.687	0.09	0.401	1.647	2.147
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			10.728								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	12	5.	11.667	49.	1.	222.606	14.92	1.	2.	16.	44.2
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	12	0.699	0.758	1.69	0.	0.307	0.554	0.	0.301	1.201	1.639
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.729								

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Annual Analysis for 1980 - Station FOPU0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/14/75-05/03/93	11	3.	3.	3.	3.	0.	0.	3.	3.	3.	3.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/73-05/03/93	11	19.	19.591	31.	9.	53.991	7.348	9.3	14.5	26.5	30.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/09/73-11/09/88	11	23.	23.727	33.	12.	49.618	7.044	12.8	19.	32.	32.8
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/11/73-05/03/93	11	10.	11.182	21.	6.	22.764	4.771	6.2	7.	14.	20.4
00080	COLOR (PLATINUM-COBALT UNITS)	09/11/73-05/03/93	10	5.	9.5	30.	5.	63.611	7.976	5.	5.	11.25	28.5
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	12/18/73-01/27/82	10	265.	271.	350.	190.	2921.111	54.047	191.	237.5	312.5	350.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/11/73-05/03/93	11	41000.	40272.727	51000.	22000.	73818181.818	8591.751	24000.	37000.	47000.	51000.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/11/73-05/03/93	11	40000.	38545.455	45000.	32000.	21872727.273	4676.829	32200.	34000.	43000.	44600.
00300	OXYGEN, DISSOLVED MG/L	09/11/73-05/03/93	11	7.5	7.509	9.6	5.2	1.891	1.375	5.28	6.3	8.4	9.5
00310	BOD, 5 DAY, 20 DEG C MG/L	09/11/73-05/03/93	9	1.1	1.222	1.5	1.	0.034	0.186	1.	1.1	1.4	1.5
00400	PH (STANDARD UNITS)	12/18/73-05/03/93	10	7.7	7.6	8.3	6.7	0.267	0.516	6.73	7.15	8.025	8.28
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-05/03/93	10	7.689	7.32	8.3	6.7	0.354	0.595	6.73	7.15	8.025	8.28
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-05/03/93	10	0.02	0.048	0.2	0.005	0.004	0.061	0.005	0.009	0.072	0.19
00403	PH, LAB, STANDARD UNITS SU	09/11/73-05/03/93	11	7.9	7.964	8.3	7.6	0.045	0.211	7.64	7.8	8.1	8.28
00403	CONVERTED PH, LAB, STANDARD UNITS	09/11/73-05/03/93	11	7.9	7.918	8.3	7.6	0.047	0.217	7.64	7.8	8.1	8.28
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/11/73-05/03/93	11	0.013	0.012	0.025	0.005	0.	0.006	0.005	0.008	0.016	0.023
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/11/73-05/03/93	11	105.	104.727	125.	86.	171.418	13.093	86.6	90.	115.	124.6
00500	RESIDUE, TOTAL (MG/L)	01/22/74-11/09/88	11	33710.	32970.	38480.	27210.	12052460.	3471.665	27524.	28850.	35310.	38012.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/11/73-12/02/87	11	26.	29.182	46.	16.	99.364	9.968	16.8	20.	41.	45.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/11/73-05/03/93	11	0.05	0.08	0.32	0.01	0.009	0.093	0.01	0.01	0.11	0.288
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/11/73-05/03/93	11 ##	0.01	0.02	0.08	0.01	0.	0.02	0.01	0.01	0.02	0.068
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/11/73-05/03/93	11	0.06	0.055	0.08	0.02	0.	0.018	0.024	0.04	0.07	0.08
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/11/73-06/18/85	11	4.	3.836	7.	2.	2.065	1.437	2.	3.	4.5	6.64
00940	CHLORIDE,TOTAL IN WATER MG/L	09/11/73-09/02/87	11	16000.	15935.455	18600.	13500.	2718547.273	1648.802	13560.	14120.	17200.	18380.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/11/73-12/02/87	11	8.	29.	240.	1.	4943.	70.306	1.	2.	14.	196.6
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/11/73-12/02/87	11	0.903	0.841	2.38	0.	0.481	0.694	0.	0.301	1.146	2.177
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			6.941								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	11	2.	11.091	79.	1.	529.091	23.002	1.	1.	13.	65.8
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	11	0.301	0.534	1.898	0.	0.393	0.627	0.	0.	1.114	1.741
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.42								

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Annual Analysis for 1981 - Station FOPU0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/14/75-05/03/93	12	3.	3.	3.	3.	0.	0.	3.	3.	3.	3.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/73-05/03/93	12	19.85	19.742	30.6	7.5	65.337	8.083	7.8	12.625	27.65	30.39
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/09/73-11/09/88	12	22.5	22.958	35.	8.	77.839	8.823	9.2	14.75	32.	34.4
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/11/73-05/03/93	11	10.	11.727	25.	5.	40.818	6.389	5.2	6.	15.	24.2
00080	COLOR (PLATINUM-COBALT UNITS)	09/11/73-05/03/93	12	5.	5.208	10.	2.5	2.794	1.671	3.25	5.	5.	8.5
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	12/18/73-01/27/82	11	212.	220.182	340.	90.	4975.764	70.539	101.4	187.	269.	332.6
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/11/73-05/03/93	11	51200.	46763.636	55000.	27000.	110148545.455	10495.168	27800.	35000.	54900.	55000.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/11/73-05/03/93	12	48500.	46166.667	55000.	33000.	53242424.242	7296.741	34200.	40250.	52750.	54700.
00300	OXYGEN, DISSOLVED MG/L	09/11/73-05/03/93	12	7.15	7.158	9.6	5.2	2.294	1.514	5.23	5.575	8.325	9.51
00310	BOD, 5 DAY, 20 DEG C MG/L	09/11/73-05/03/93	12	1.2	1.217	2.1	0.7	0.162	0.402	0.7	0.925	1.475	1.95
00400	PH (STANDARD UNITS)	12/18/73-05/03/93	9	7.7	7.733	8.1	7.4	0.052	0.229	7.4	7.55	7.95	8.1
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-05/03/93	9	7.7	7.683	8.1	7.4	0.055	0.235	7.4	7.55	7.95	8.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-05/03/93	9	0.02	0.021	0.04	0.008	0.	0.01	0.008	0.011	0.028	0.04
00403	PH, LAB, STANDARD UNITS SU	09/11/73-05/03/93	12	7.9	7.875	8.	7.6	0.013	0.114	7.63	7.9	7.9	8.
00403	CONVERTED PH, LAB, STANDARD UNITS	09/11/73-05/03/93	12	7.9	7.86	8.	7.6	0.013	0.115	7.63	7.9	7.9	8.
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/11/73-05/03/93	12	0.013	0.014	0.025	0.01	0.	0.004	0.01	0.013	0.013	0.024
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/11/73-05/03/93	12	109.	109.5	122.	102.	27.	5.196	102.6	107.	112.25	119.6
00500	RESIDUE, TOTAL (MG/L)	01/22/74-11/09/88	12	36410.	36761.667	40150.	33520.	4395033.333	2096.433	33748.	35387.5	38390.	40072.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/11/73-12/02/87	12	34.	44.167	111.	15.	857.424	29.282	15.6	24.	68.25	101.1
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/11/73-05/03/93	11 ##	0.01	0.055	0.24	0.01	0.006	0.077	0.01	0.01	0.09	0.224
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/11/73-05/03/93	12 ##	0.01	0.014	0.05	0.01	0.	0.012	0.01	0.01	0.01	0.041
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/11/73-05/03/93	12	0.06	0.067	0.14	0.03	0.001	0.036	0.03	0.04	0.087	0.134
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/11/73-06/18/85	9	3.	2.922	5.	1.	1.467	1.211	1.	2.	3.75	5.
00940	CHLORIDE,TOTAL IN WATER MG/L	09/11/73-09/02/87	12	18500.	19447.5	23750.	15000.	10686256.818	3268.984	15270.	16715.	23425.	23705.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/11/73-12/02/87	12	5.	18.5	79.	1.	832.273	28.849	1.	2.75	19.5	79.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/11/73-12/02/87	12	0.699	0.843	1.898	0.	0.392	0.626	0.	0.401	1.26	1.898
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			6.96								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	12	2.	4.917	33.	1.	80.447	8.969	1.	1.	4.75	24.6
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	12	0.301	0.394	1.519	0.	0.195	0.442	0.	0.	0.675	1.273
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.475								

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Annual Analysis for 1982 - Station FOPU0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/14/75-05/03/93	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/73-05/03/93	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/09/73-11/09/88	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/11/73-05/03/93	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/11/73-05/03/93	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	12/18/73-01/27/82	1	220.	220.	220.	220.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/11/73-05/03/93	1	47000.	47000.	47000.	47000.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/11/73-05/03/93	1	42000.	42000.	42000.	42000.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/11/73-05/03/93	1	10.9	10.9	10.9	10.9	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/11/73-05/03/93	1	3.3	3.3	3.3	3.3	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	12/18/73-05/03/93	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-05/03/93	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-05/03/93	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/11/73-05/03/93	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/11/73-05/03/93	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/11/73-05/03/93	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/11/73-05/03/93	1	103.	103.	103.	103.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	01/22/74-11/09/88	1	32000.	32000.	32000.	32000.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/11/73-12/02/87	1	71.	71.	71.	71.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/11/73-05/03/93	1	0.46	0.46	0.46	0.46	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/11/73-05/03/93	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**

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Annual Analysis for 1982 - Station FOPU0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/11/73-05/03/93	1	0.11	0.11	0.11	0.11	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/11/73-09/02/87	1	19600.	19600.	19600.	19600.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/11/73-12/02/87	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/11/73-12/02/87	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.								

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Annual Analysis for 1985 - Station FOPU0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/14/75-05/03/93	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/73-05/03/93	4	21.8	21.725	29.1	14.2	56.449	7.513	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/09/73-11/09/88	4	23.5	23.25	28.	18.	24.917	4.992	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/11/73-05/03/93	4	6.5	6.75	11.	3.	10.917	3.304	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/11/73-05/03/93	4	7.5	7.5	10.	5.	8.333	2.887	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/11/73-05/03/93	4	43250.	43675.	46100.	42100.	3389166.667	1840.969	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/11/73-05/03/93	4	37150.	36825.	40700.	32300.	14702500.	3834.384	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/11/73-05/03/93	4	6.	6.025	7.5	4.6	1.943	1.394	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/11/73-05/03/93	4	1.65	1.75	2.5	1.2	0.31	0.557	**	**	**	**
00400	PH (STANDARD UNITS)	12/18/73-05/03/93	4	7.55	7.575	7.7	7.5	0.009	0.096	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-05/03/93	4	7.547	7.567	7.7	7.5	0.009	0.096	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-05/03/93	4	0.028	0.027	0.032	0.02	0.	0.006	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/11/73-05/03/93	4	7.9	7.9	8.	7.8	0.007	0.082	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/11/73-05/03/93	4	7.9	7.894	8.	7.8	0.007	0.082	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/11/73-05/03/93	4	0.013	0.013	0.016	0.01	0.	0.002	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/11/73-05/03/93	4	103.5	103.75	111.	97.	36.917	6.076	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	01/22/74-11/09/88	4	32050.	32127.5	34280.	30130.	4398491.667	2097.258	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/11/73-05/03/93	4 ##	0.03	0.045	0.11	0.01	0.002	0.047	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/11/73-05/03/93	4 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/11/73-05/03/93	4	0.06	0.058	0.07	0.04	0.	0.015	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/11/73-06/18/85	2	3.25	3.25	3.6	2.9	0.245	0.495	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/11/73-09/02/87	4	15985.	13025.013	20130.	0.05	79233865.834	8901.341	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/11/73-12/02/87	3	17.	19.333	33.	8.	160.333	12.662	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/11/73-12/02/87	3	1.23	1.217	1.519	0.903	0.095	0.308	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			16.495								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	4	11.	20.	50.	8.	402.	20.05	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	4	1.041	1.171	1.699	0.903	0.128	0.358	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			14.832								

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Annual Analysis for 1986 - Station FOPU0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/14/75-05/03/93	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/73-05/03/93	4	22.4	22.225	29.	15.1	47.603	6.899	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/09/73-11/09/88	4	22.75	22.225	30.9	12.5	68.836	8.297	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/11/73-05/03/93	4	6.	8.75	19.	4.	48.25	6.946	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/11/73-05/03/93	4	5.	4.375	5.	2.5	1.563	1.25	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/11/73-05/03/93	3	46800.	44600.	47500.	39500.	19630000.	4430.576	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/11/73-05/03/93	4	36500.	34600.	37800.	27600.	22580000.	4751.842	**	**	**	**

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Annual Analysis for 1986 - Station FOPU0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300	OXYGEN, DISSOLVED MG/L	09/11/73-05/03/93	4	6.45	6.4	7.4	5.3	1.22	1.105	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/11/73-05/03/93	4	2.4	2.45	3.5	1.5	0.67	0.819	**	**	**	**
00400	PH (STANDARD UNITS)	12/18/73-05/03/93	3	7.3	7.367	7.5	7.3	0.013	0.115	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-05/03/93	3	7.3	7.357	7.5	7.3	0.013	0.116	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-05/03/93	3	0.05	0.044	0.05	0.032	0.	0.011	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/11/73-05/03/93	4	7.9	7.875	8.	7.7	0.022	0.15	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/11/73-05/03/93	4	7.889	7.855	8.	7.7	0.023	0.152	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/11/73-05/03/93	4	0.013	0.014	0.02	0.01	0.	0.005	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/11/73-05/03/93	4	103.	103.25	106.	101.	4.917	2.217	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	01/22/74-11/09/88	4	32140.	32340.	34120.	30960.	2072866.667	1439.745	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/11/73-05/03/93	4	0.19	0.2	0.36	0.06	0.021	0.143	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/11/73-05/03/93	4 ##	0.025	0.035	0.08	0.01	0.001	0.033	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/11/73-05/03/93	4	0.045	0.043	0.05	0.03	0.	0.01	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/11/73-12/02/87	4 ##	16.25	28.625	80.	2.	1244.229	35.274	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/11/73-12/02/87	4 ##	1.176	1.139	1.903	0.301	0.45	0.671	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			13.774								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	4 ##	10.	10.5	20.	2.	54.333	7.371	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	4 ##	1.	0.901	1.301	0.301	0.18	0.424	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.953								

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Annual Analysis for 1987 - Station FOPU0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/14/75-05/03/93	5	0.	0.	0.	0.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/73-05/03/93	5	28.3	22.04	28.4	11.3	75.833	8.708	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/09/73-11/09/88	5	27.8	21.32	31.	9.	108.992	10.44	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/11/73-05/03/93	4	5.5	6.	8.	5.	2.	1.414	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/11/73-05/03/93	4	5.	5.625	10.	2.5	9.896	3.146	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/11/73-05/03/93	4	46000.	44725.	48200.	38700.	17875833.333	4227.982	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/11/73-05/03/93	5	38300.	39920.	47000.	31800.	38357000.	6193.303	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/11/73-05/03/93	4	6.05	6.2	8.7	4.	4.193	2.048	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/11/73-05/03/93	4	1.75	1.775	2.	1.6	0.042	0.206	**	**	**	**
00400	PH (STANDARD UNITS)	12/18/73-05/03/93	5	6.9	6.88	7.1	6.5	0.052	0.228	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-05/03/93	5	6.9	6.825	7.1	6.5	0.056	0.236	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-05/03/93	5	0.126	0.149	0.316	0.079	0.009	0.095	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/11/73-05/03/93	4	7.9	7.875	7.9	7.8	0.003	0.05	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/11/73-05/03/93	4	7.9	7.873	7.9	7.8	0.003	0.05	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/11/73-05/03/93	4	0.013	0.013	0.016	0.013	0.	0.002	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/11/73-05/03/93	4	100.	98.75	106.	89.	52.917	7.274	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	01/22/74-11/09/88	4	31435.	29922.5	36440.	20380.	47279625.	6876.018	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/11/73-12/02/87	2	80.5	80.5	111.	50.	1860.5	43.134	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/11/73-05/03/93	4	0.36	0.49	1.1	0.14	0.179	0.423	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/11/73-05/03/93	4 ##	0.015	0.023	0.05	0.01	0.	0.019	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/11/73-05/03/93	4	0.042	0.049	0.08	0.031	0.001	0.022	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/11/73-09/02/87	1	18220.	18220.	18220.	18220.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/11/73-12/02/87	4	79.5	74.25	130.	8.	2517.583	50.176	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/11/73-12/02/87	4	1.9	1.704	2.114	0.903	0.296	0.544	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			50.633								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	4	7.5	24.	79.	2.	1355.333	36.815	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	4	0.849	0.974	1.898	0.301	0.461	0.679	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.428								

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

Annual Analysis for 1988 - Station FOPU0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/14/75-05/03/93	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/73-05/03/93	4	21.55	20.775	27.8	12.2	50.736	7.123	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/09/73-11/09/88	4	24.75	23.25	30.5	13.	59.083	7.687	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/11/73-05/03/93	4	5.	5.	7.	3.	3.333	1.826	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/11/73-05/03/93	4	7.5	9.375	20.	2.5	59.896	7.739	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/11/73-05/03/93	4	45650.	44500.	45800.	40900.	5766666.667	2401.388	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/11/73-05/03/93	4	42600.	43125.	46000.	41300.	4289166.667	2071.03	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/11/73-05/03/93	4	6.85	6.775	7.8	5.6	0.856	0.925	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/11/73-05/03/93	3	1.4	1.533	2.2	1.	0.373	0.611	**	**	**	**
00400	PH (STANDARD UNITS)	12/18/73-05/03/93	4	7.625	7.638	7.7	7.6	0.002	0.048	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-05/03/93	4	7.624	7.636	7.7	7.6	0.002	0.048	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-05/03/93	4	0.024	0.023	0.025	0.02	0.	0.002	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/11/73-05/03/93	4	7.8	7.825	7.9	7.8	0.003	0.05	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/11/73-05/03/93	4	7.8	7.823	7.9	7.8	0.003	0.05	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/11/73-05/03/93	4	0.016	0.015	0.016	0.013	0.	0.002	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/11/73-05/03/93	4	96.5	98.25	104.	96.	14.917	3.862	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	01/22/74-11/09/88	4	32260.	31320.	34020.	26740.	10198466.667	3193.504	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/11/73-05/03/93	4	0.085	0.124	0.31	0.015	0.018	0.134	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/11/73-05/03/93	4 ##	0.01	0.011	0.015	0.01	0.	0.003	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/11/73-05/03/93	4	0.08	0.078	0.11	0.04	0.001	0.029	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	3 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	3 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.								

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

Annual Analysis for 1989 - Station FOPU0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/14/75-05/03/93	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/73-05/03/93	3	18.5	21.767	30.	16.8	51.563	7.181	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/11/73-05/03/93	3	6.	6.333	8.	5.	2.333	1.528	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/11/73-05/03/93	3	10.	8.333	10.	5.	8.333	2.887	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/11/73-05/03/93	3	46500.	44400.	48200.	38500.	26830000.	5179.768	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/11/73-05/03/93	3	39500.	28349.	45500.	47.	609752403.	24693.165	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/11/73-05/03/93	3	6.9	6.533	7.7	5.	1.923	1.387	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/11/73-05/03/93	3	1.5	1.533	2.1	1.	0.303	0.551	**	**	**	**
00400	PH (STANDARD UNITS)	12/18/73-05/03/93	3	7.9	7.833	7.9	7.7	0.013	0.115	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-05/03/93	3	7.9	7.823	7.9	7.7	0.014	0.116	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-05/03/93	3	0.013	0.015	0.02	0.013	0.	0.004	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/11/73-05/03/93	3	7.8	7.8	7.9	7.7	0.01	0.1	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/11/73-05/03/93	3	7.8	7.792	7.9	7.7	0.01	0.1	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/11/73-05/03/93	3	0.016	0.016	0.02	0.013	0.	0.004	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/11/73-05/03/93	3	103.	99.	103.	91.	48.	6.928	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/11/73-05/03/93	3 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/11/73-05/03/93	3 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/11/73-05/03/93	3	0.04	0.053	0.1	0.02	0.002	0.042	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	2 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.								

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

Annual Analysis for 1990 - Station FOPU0014

Parameter		Period of Record	Obs		Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/14/75-05/03/93	4		0.	0.	0.	0.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/73-05/03/93	4		21.9	21.625	29.2	13.5	59.909	7.74	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/11/73-05/03/93	4		4.	4.	5.	3.	0.667	0.816	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/11/73-05/03/93	4		12.5	17.5	40.	5.	241.667	15.546	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/11/73-05/03/93	4		40550.	38650.	45500.	28000.	65230000.	8076.509	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/11/73-05/03/93	4		44360.	42805.	45300.	37200.	14183100.	3766.046	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/11/73-05/03/93	4		6.9	6.75	8.	5.2	1.663	1.29	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/11/73-05/03/93	4		1.7	1.725	2.2	1.3	0.163	0.403	**	**	**	**
00400	PH (STANDARD UNITS)	12/18/73-05/03/93	4		7.8	7.775	7.9	7.6	0.016	0.126	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-05/03/93	4		7.8	7.761	7.9	7.6	0.016	0.127	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-05/03/93	4		0.016	0.017	0.025	0.013	0.	0.005	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/11/73-05/03/93	4		7.8	7.8	7.9	7.7	0.007	0.082	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/11/73-05/03/93	4		7.8	7.794	7.9	7.7	0.007	0.082	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/11/73-05/03/93	4		0.016	0.016	0.02	0.013	0.	0.003	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/11/73-05/03/93	4		99.	96.75	102.	87.	44.917	6.702	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/11/73-05/03/93	4	##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/11/73-05/03/93	4	##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/11/73-05/03/93	4		0.07	0.163	0.48	0.03	0.045	0.213	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	4	##	10.	12.5	20.	10.	25.	5.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	4	##	1.	1.075	1.301	1.	0.023	0.151	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =				11.892								

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

Annual Analysis for 1991 - Station FOPU0014

Parameter		Period of Record	Obs		Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/14/75-05/03/93	3		0.	0.	0.	0.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/73-05/03/93	3		16.6	19.	26.7	13.7	46.57	6.824	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/11/73-05/03/93	3		7.	5.333	7.	2.	8.333	2.887	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/11/73-05/03/93	3		10.	8.333	10.	5.	8.333	2.887	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/11/73-05/03/93	3		42800.	42766.667	43500.	42000.	563333.333	750.555	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/11/73-05/03/93	3		43000.	42966.667	44500.	41400.	2403333.333	1550.269	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/11/73-05/03/93	3		7.5	7.667	9.2	6.3	2.123	1.457	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/11/73-05/03/93	3		1.2	1.2	1.4	1.	0.04	0.2	**	**	**	**
00400	PH (STANDARD UNITS)	12/18/73-05/03/93	3		7.8	7.733	7.9	7.5	0.043	0.208	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-05/03/93	3		7.8	7.699	7.9	7.5	0.045	0.212	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-05/03/93	3		0.016	0.02	0.032	0.013	0.	0.01	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/11/73-05/03/93	3		7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/11/73-05/03/93	3		7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/11/73-05/03/93	3		0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/11/73-05/03/93	3		97.	97.667	100.	96.	4.333	2.082	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/11/73-05/03/93	3	##	0.015	0.023	0.04	0.015	0.	0.014	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/11/73-05/03/93	3	##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/11/73-05/03/93	3		0.02	0.02	0.03	0.01	0.	0.01	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	3		20.	16.667	20.	10.	33.333	5.774	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	3		1.301	1.201	1.301	1.	0.03	0.174	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =				15.874								

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

Annual Analysis for 1992 - Station FOPU0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/14/75-05/03/93	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/73-05/03/93	3	12.6	15.533	22.2	11.8	33.493	5.787	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/11/73-05/03/93	3	7.	11.333	22.	5.	86.333	9.292	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/11/73-05/03/93	3	10.	13.333	20.	10.	33.333	5.774	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/11/73-05/03/93	3	43800.	40733.333	44000.	34400.	30093333.333	5485.739	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/11/73-05/03/93	3	44130.	40360.	44650.	32300.	48790300.	6985.005	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/11/73-05/03/93	3	7.6	7.667	9.4	6.	2.893	1.701	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/11/73-05/03/93	3	1.	1.033	1.3	0.8	0.063	0.252	**	**	**	**
00400	PH (STANDARD UNITS)	12/18/73-05/03/93	3	7.6	7.633	7.9	7.4	0.063	0.252	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-05/03/93	3	7.6	7.588	7.9	7.4	0.066	0.258	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-05/03/93	3	0.025	0.026	0.04	0.013	0.	0.014	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/11/73-05/03/93	3	7.8	7.767	7.9	7.6	0.023	0.153	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/11/73-05/03/93	3	7.8	7.748	7.9	7.6	0.024	0.154	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/11/73-05/03/93	3	0.016	0.018	0.025	0.013	0.	0.007	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/11/73-05/03/93	3	97.	90.333	98.	76.	154.333	12.423	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/11/73-05/03/93	3 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/11/73-05/03/93	3 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/11/73-05/03/93	3	0.05	0.06	0.08	0.05	0.	0.017	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	3	20.	16.667	20.	10.	33.333	5.774	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	3	1.301	1.201	1.301	1.	0.03	0.174	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			15.874								

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

Annual Analysis for 1993 - Station FOPU0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/14/75-05/03/93	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/73-05/03/93	2	18.35	18.35	22.3	14.4	31.205	5.586	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/11/73-05/03/93	2	8.5	8.5	12.	5.	24.5	4.95	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/11/73-05/03/93	2	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/11/73-05/03/93	2	35650.	35650.	37600.	33700.	7605000.	2757.716	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/11/73-05/03/93	2	36235.	36235.	38280.	34190.	8364050.	2892.067	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/11/73-05/03/93	2	7.8	7.8	8.5	7.1	0.98	0.99	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/11/73-05/03/93	2	1.35	1.35	1.4	1.3	0.005	0.071	**	**	**	**
00400	PH (STANDARD UNITS)	12/18/73-05/03/93	2	7.7	7.7	7.8	7.6	0.02	0.141	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-05/03/93	2	7.689	7.689	7.8	7.6	0.02	0.142	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-05/03/93	2	0.02	0.02	0.025	0.016	0.	0.007	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/11/73-05/03/93	2	7.85	7.85	8.	7.7	0.045	0.212	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/11/73-05/03/93	2	7.825	7.825	8.	7.7	0.046	0.215	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/11/73-05/03/93	2	0.015	0.015	0.02	0.01	0.	0.007	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/11/73-05/03/93	2	82.	82.	87.	77.	50.	7.071	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/11/73-05/03/93	2 ##	0.033	0.033	0.05	0.015	0.001	0.025	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/11/73-05/03/93	2 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/11/73-05/03/93	2	0.045	0.045	0.05	0.04	0.	0.007	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.								

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

Seasonal Analysis for Season #1: 6/01 to 11/14 - Station FOPU0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/14/75-05/03/93	54	3.	1.796	3.	0.	1.826	1.351	0.	0.	3.	3.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/73-05/03/93	65	26.7	25.323	31.	15.	18.315	4.28	18.	23.	28.75	29.94
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/09/73-11/09/88	59	29.	28.373	37.	13.	24.397	4.939	21.	27.	32.	33.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/11/73-05/03/93	63	8.	10.54	108.	3.	176.898	13.3	5.	6.	11.	16.
00080	COLOR (PLATINUM-COBALT UNITS)	09/11/73-05/03/93	63	5.	8.849	30.	2.5	47.352	6.881	2.5	5.	10.	20.
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	12/18/73-01/27/82	41	240.	234.22	330.	60.	3261.676	57.111	172.	195.	280.	300.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/11/73-05/03/93	62	44550.	43288.71	55000.	20000.	41521673.718	6443.731	32900.	40975.	47000.	50760.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/11/73-05/03/93	64	40550.	40152.297	53000.	47.	55308377.323	7436.96	33380.	37022.5	44127.5	48500.
00300	OXYGEN, DISSOLVED MG/L	09/11/73-05/03/93	62	5.9	6.118	8.	3.3	1.114	1.055	5.1	5.3	7.15	7.67
00310	BOD, 5 DAY, 20 DEG C MG/L	09/11/73-05/03/93	57	1.2	1.342	3.5	0.6	0.245	0.495	0.8	1.	1.6	1.9
00400	PH (STANDARD UNITS)	12/18/73-05/03/93	56	7.8	7.728	8.9	6.3	0.165	0.406	7.24	7.5	8.	8.13
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-05/03/93	56	7.8	7.475	8.9	6.3	0.23	0.479	7.24	7.5	8.	8.13
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-05/03/93	56	0.016	0.033	0.501	0.001	0.005	0.068	0.007	0.01	0.032	0.059
00403	PH, LAB, STANDARD UNITS SU	09/11/73-05/03/93	64	7.9	7.939	8.3	7.7	0.016	0.127	7.8	7.825	8.	8.1
00403	CONVERTED PH, LAB, STANDARD UNITS	09/11/73-05/03/93	64	7.9	7.922	8.3	7.7	0.016	0.128	7.8	7.825	8.	8.1
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/11/73-05/03/93	64	0.013	0.012	0.02	0.005	0.	0.003	0.008	0.01	0.015	0.016
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/11/73-05/03/93	64	103.5	103.047	123.	85.	46.426	6.814	95.5	99.25	106.	111.5
00500	RESIDUE, TOTAL (MG/L)	01/22/74-11/09/88	56	33580.	33507.321	42360.	25740.	10268936.331	3204.518	29491.	31942.5	35295.	36845.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/11/73-12/02/87	48	22.5	33.354	150.	2.	1056.021	32.496	5.9	15.25	41.75	76.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/11/73-05/03/93	61	0.03	0.093	1.1	0.01	0.026	0.161	0.01	0.01	0.115	0.264
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/11/73-05/03/93	64 ##	0.01	0.019	0.15	0.01	0.001	0.025	0.01	0.01	0.019	0.045
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/11/73-05/03/93	63	0.07	0.071	0.18	0.02	0.001	0.032	0.04	0.05	0.09	0.1
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/11/73-06/18/85	47	3.	3.587	8.	0.5	2.425	1.557	1.5	3.	4.	5.36
00940	CHLORIDE,TOTAL IN WATER MG/L	09/11/73-09/02/87	53	17000.	16992.265	23750.	0.05	11002669.79	3317.027	14372.	15900.	18010.	20078.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/11/73-12/02/87	47	15.	277.468	4300.	1.	589994.167	768.111	2.	5.	130.	530.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/11/73-12/02/87	47	1.176	1.474	3.633	0.	0.89	0.943	0.301	0.699	2.114	2.7
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			29.799								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	58	13.	78.259	2300.	1.	95039.283	308.284	1.9	4.75	36.	96.9
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	58	1.114	1.132	3.362	0.	0.508	0.713	0.271	0.675	1.556	1.981
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			13.562								

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

Seasonal Analysis for Season #2: 11/15 to 3/31 - Station FOPU0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/14/75-05/03/93	42	1.	1.619	3.	0.	1.9	1.378	0.	0.	3.	3.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/73-05/03/93	48	12.4	12.413	18.	4.	11.04	3.323	7.95	10.125	15.075	16.6
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/09/73-11/09/88	40	15.	14.85	28.	2.	34.951	5.912	8.	10.125	19.	23.8
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/11/73-05/03/93	46	8.	9.174	25.	2.	28.058	5.297	3.7	6.	11.	19.3
00080	COLOR (PLATINUM-COBALT UNITS)	09/11/73-05/03/93	46	5.	6.848	40.	2.5	40.076	6.331	2.5	5.	7.75	11.5
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	12/18/73-01/27/82	31	290.	277.581	370.	90.	3209.785	56.655	220.	230.	320.	348.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/11/73-05/03/93	45	42400.	41075.556	55000.	22000.	38782343.434	6227.547	32200.	37000.	45000.	47000.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/11/73-05/03/93	48	37100.	38068.542	54000.	27600.	27589263.785	5252.548	32300.	34000.	42000.	45020.
00300	OXYGEN, DISSOLVED MG/L	09/11/73-05/03/93	47	8.4	8.562	11.1	5.5	1.26	1.122	7.22	7.7	9.4	9.8
00310	BOD, 5 DAY, 20 DEG C MG/L	09/11/73-05/03/93	48	1.15	1.278	3.3	0.05	0.386	0.622	0.7	0.9	1.5	2.3
00400	PH (STANDARD UNITS)	12/18/73-05/03/93	45	7.8	7.751	8.6	6.5	0.208	0.456	7.12	7.45	8.05	8.34
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-05/03/93	45	7.8	7.491	8.6	6.5	0.277	0.527	7.12	7.45	8.05	8.34
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-05/03/93	45	0.016	0.032	0.316	0.003	0.003	0.05	0.005	0.009	0.036	0.078
00403	PH, LAB, STANDARD UNITS SU	09/11/73-05/03/93	48	7.9	7.942	8.2	7.6	0.019	0.137	7.7	7.9	8.	8.1
00403	CONVERTED PH, LAB, STANDARD UNITS	09/11/73-05/03/93	48	7.9	7.919	8.2	7.6	0.019	0.138	7.7	7.9	8.	8.1
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/11/73-05/03/93	48	0.013	0.012	0.025	0.006	0.	0.004	0.008	0.01	0.013	0.02
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/11/73-05/03/93	48	97.5	98.	121.	75.	92.809	9.634	85.3	94.25	103.75	109.1
00500	RESIDUE, TOTAL (MG/L)	01/22/74-11/09/88	39	30710.	31206.667	38480.	20380.	11855428.07	3443.171	28570.	29590.	32870.	36440.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/11/73-12/02/87	34	22.	27.265	111.	5.	430.382	20.746	8.5	14.	35.	48.5
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/11/73-05/03/93	47 ##	0.015	0.07	0.46	0.005	0.012	0.109	0.01	0.01	0.08	0.22
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/11/73-05/03/93	48 ##	0.01	0.023	0.09	0.01	0.	0.022	0.01	0.01	0.028	0.052

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

Seasonal Analysis for Season #2: 11/15 to 3/31 - Station FOPU0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/11/73-05/03/93	48	0.05	0.062	0.48	0.01	0.004	0.066	0.03	0.033	0.068	0.1
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/11/73-06/18/85	31	3.5	4.774	23.	0.5	24.738	4.974	2.	2.9	4.1	7.8
00940	CHLORIDE,TOTAL IN WATER MG/L	09/11/73-09/02/87	35	15800.	16072.	23750.	12200.	3807810.588	1951.361	14198.	15000.	16720.	18120.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/11/73-12/02/87	37	33.	1206.014	32600.	1.	30443079.062	5517.525	1.8	8.	215.	254.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/11/73-12/02/87	37	1.519	1.581	4.513	0.	0.95	0.975	0.241	0.903	2.331	2.402
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			38.097								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	45	13.	24.222	230.	1.	1693.177	41.148	1.	7.5	20.	53.2
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	45	1.114	1.048	2.362	0.	0.312	0.558	0.	0.849	1.301	1.693
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.161								

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

Seasonal Analysis for Season #3: 4/01 to 5/31 - Station FOPU0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/14/75-05/03/93	16	3.	2.125	3.	0.	1.45	1.204	0.	1.	3.	3.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/73-05/03/93	18	22.05	20.978	24.5	15.	8.108	2.847	15.9	19.125	22.625	24.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/09/73-11/09/88	15	25.	25.	32.	18.	18.571	4.309	18.6	21.	29.	30.8
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/11/73-05/03/93	18	10.	10.	26.	5.	34.118	5.841	5.	5.	12.	21.5
00080	COLOR (PLATINUM-COBALT UNITS)	09/11/73-05/03/93	18	6.	10.417	70.	2.5	232.566	15.25	2.5	5.	10.	20.5
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	12/18/73-01/27/82	15	260.	255.6	360.	170.	2279.686	47.746	182.	220.	280.	324.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/11/73-05/03/93	17	41000.	40194.118	54800.	28000.	45835588.235	6770.199	31200.	34500.	44500.	50080.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/11/73-05/03/93	18	37240.	38128.889	55000.	31000.	36045881.046	6003.822	31180.	32900.	42000.	45685.
00300	OXYGEN, DISSOLVED MG/L	09/11/73-05/03/93	17	6.8	6.829	8.5	5.7	0.667	0.817	5.86	6.05	7.35	8.34
00310	BOD, 5 DAY, 20 DEG C MG/L	09/11/73-05/03/93	17	1.5	1.535	3.1	0.9	0.236	0.486	0.98	1.3	1.6	2.3
00400	PH (STANDARD UNITS)	12/18/73-05/03/93	17	7.6	7.512	8.6	5.6	0.4	0.632	6.48	7.4	7.8	8.12
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-05/03/93	17	7.6	6.741	8.6	5.6	1.032	1.016	6.48	7.4	7.8	8.12
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-05/03/93	17	0.025	0.182	2.512	0.003	0.363	0.602	0.009	0.016	0.04	0.662
00403	PH, LAB, STANDARD UNITS SU	09/11/73-05/03/93	18	7.9	7.922	8.1	7.6	0.017	0.131	7.78	7.8	8.	8.1
00403	CONVERTED PH, LAB, STANDARD UNITS	09/11/73-05/03/93	18	7.9	7.903	8.1	7.6	0.018	0.132	7.78	7.8	8.	8.1
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/11/73-05/03/93	18	0.013	0.013	0.025	0.008	0.	0.004	0.008	0.01	0.016	0.017
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/11/73-05/03/93	18	99.5	96.333	125.	65.	202.588	14.233	71.3	87.75	106.25	111.5
00500	RESIDUE, TOTAL (MG/L)	01/22/74-11/09/88	16	32315.	30752.5	38240.	25660.	11950353.333	3456.928	25772.	27992.5	32767.5	34936.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/11/73-12/02/87	16	21.	27.188	66.	10.	317.096	17.807	11.4	13.25	39.5	62.5
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/11/73-05/03/93	17 ##	0.01	0.021	0.08	0.01	0.	0.02	0.01	0.01	0.03	0.056
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/11/73-05/03/93	17 ##	0.01	0.016	0.05	0.01	0.	0.013	0.01	0.01	0.015	0.05
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/11/73-05/03/93	17	0.05	0.052	0.09	0.03	0.	0.018	0.03	0.04	0.065	0.082
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/11/73-06/18/85	14	3.5	4.286	9.	1.	4.643	2.155	1.75	2.875	6.	8.
00940	CHLORIDE,TOTAL IN WATER MG/L	09/11/73-09/02/87	16	15000.	15707.5	20500.	12300.	4134033.333	2033.232	13350.	14300.	16967.5	18925.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/11/73-12/02/87	15	15.	79.533	930.	1.	55555.695	235.703	1.6	8.	36.	401.4
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/11/73-12/02/87	15	1.176	1.194	2.968	0.	0.499	0.706	0.181	0.903	1.556	2.202
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			15.628								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	18	14.	37.778	430.	1.	9736.301	98.673	1.	4.25	33.75	75.4
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	18	1.145	1.036	2.633	0.	0.42	0.648	0.	0.599	1.528	1.664
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.852								

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

Station Inventory for Station: FOPU0015

NPS Station ID: FOPU0015 LAT/LON: 31.994337/ -80.910226 Agency: 11NPSWRD Date Created: 06/06/98
Location: SOUTH JUNCTION OF LAZARETTO & OYSTER CREEK FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): FOPU_DNR_225
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03060204 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: SAVANNAH RIVER ECO Region:
RF1 Index: 03060204 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03060109002008.47 RF3 Mile Point: 8.65 Distance from RF3: 0.58 On/Off RF3:
Description:
THIS STATION IS LOCATED ON THE WASSAW SOUND; CHATHAM COUNTY-GEORGIA 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THIS SITE IS LOCATED OUTSIDE THE BOUNDARY OF FORT PULASKI NATIONAL MONUMENT AND IS LOCATED AT THE SOUTH JUNCTION OF LAZARETTO AND OYSTER CREEKS. OYSTER CREEK DRAINS A SALTWATER MARSH IN THE PARK AND IS CLASSIFIED AS A CLASS I AREA FOR THE PUBLIC HARVESTING OF SHELLFISH. THE GEORGIA DEPT. OF NATURAL RESOURCES HAS CONDUCTED REGULAR WATER QUALITY MONITORING OF FECAL COLIFORM BACTERIA AT THIS SITE SINCE 1986. PARAMETERS MONITORED INCLUDE FECAL COLIFORM; SALINITY; WATER TEMP.; AND TIDAL STAGE. FOR MORE INFORMATION CONTACT PARK RANGER; FORT PULASKI NATIONAL MONUMENT; US HIGHWAY 80 EAST P.O. BOX 30757; SAVANNAH; HA 31410-0757. (TEL. 912-786-5787). THE DATA WERE PROCESSED AND UPLOADED TO STORET BY ERIC JANNEY OF THE NATIONAL PARK SERVICE; WATER RESOURCE DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS; COLORADO 80525. (TEL. 970-225-3516).

Parameter Inventory for Station: FOPU0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/06/86-12/10/97	96	21.6	21.06	32.3	7.	45.442	6.741	12.48	15.	27.075	29.86
00480	SALINITY - PARTS PER THOUSAND	01/06/86-12/10/97	96	26.	25.656	37.	13.	22.27	4.719	19.	22.	29.	31.
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	97	4.	10.515	93.	3.	352.669	18.779	3.	3.	9.	23.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	97	0.602	0.753	1.968	0.477	0.156	0.395	0.477	0.477	0.954	1.362
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			5.657								

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

EPA Water Quality Criteria Analysis for Station: FOPU0015

				Total	Exceed	Prop.	----------6/01-11/14----------			----------11/15-3/31----------			----------4/01-5/31----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	97	0	0.00	45	0	0.00	33	0	0.00	19	0	0.00			

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

Annual Analysis for 1986 - Station FOPU0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/06/86-12/10/97	15	24.	20.133	31.	7.	64.124	8.008	7.6	15.	26.	30.4
00480	SALINITY - PARTS PER THOUSAND	01/06/86-12/10/97	15	31.	30.867	37.	26.	9.267	3.044	26.6	28.	33.	35.2
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	15	3.	3.067	4.	3.	0.067	0.258	3.	3.	3.	3.4
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	15	0.477	0.485	0.602	0.477	0.001	0.032	0.477	0.477	0.477	0.527
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			3.058								

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

Annual Analysis for 1987 - Station FOPU0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/06/86-12/10/97	7	26.	21.857	30.	9.	62.476	7.904	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	01/06/86-12/10/97	7	28.	26.571	30.	18.	18.619	4.315	**	**	**	**
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	7	4.	22.	93.	3.	1196.	34.583	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	7	0.602	0.909	1.968	0.477	0.384	0.62	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			8.108								

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

Annual Analysis for 1988 - Station FOPU0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/06/86-12/10/97	5	17.	18.2	28.	9.	60.7	7.791	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	01/06/86-12/10/97	5	28.	28.4	33.	22.	17.3	4.159	**	**	**	**
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	5	3.	11.	23.	3.	120.	10.954	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	5	0.477	0.831	1.362	0.477	0.235	0.485	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			6.776								

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

Annual Analysis for 1989 - Station FOPU0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/06/86-12/10/97	8	21.5	22.125	28.	18.	12.982	3.603	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	01/06/86-12/10/97	8	26.5	25.	29.	20.	12.	3.464	**	**	**	**
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	8	9.	23.25	93.	3.	984.5	31.377	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	8	0.954	1.038	1.968	0.477	0.326	0.571	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			10.913								

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

Annual Analysis for 1990 - Station FOPU0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/06/86-12/10/97	5	27.	24.4	31.	16.	42.8	6.542	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	01/06/86-12/10/97	5	26.	26.2	31.	18.	26.2	5.119	**	**	**	**
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	5	3.	7.	23.	3.	80.	8.944	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	5	0.477	0.654	1.362	0.477	0.157	0.396	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			4.509								

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

Annual Analysis for 1991 - Station FOPU0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/06/86-12/10/97	6	22.5	21.	28.	13.	38.4	6.197	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	01/06/86-12/10/97	6	24.5	24.833	28.	22.	4.167	2.041	**	**	**	**
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	6	4.	4.667	9.	3.	4.667	2.16	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	6	0.602	0.64	0.954	0.477	0.026	0.162	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			4.364								

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

Annual Analysis for 1992 - Station FOPU0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/06/86-12/10/97	4	17.	16.75	21.	12.	24.25	4.924	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	01/06/86-12/10/97	4	24.5	24.	26.	21.	4.667	2.16	**	**	**	**
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	4	4.	5.	9.	3.	7.333	2.708	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	4	0.602	0.659	0.954	0.477	0.042	0.206	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			4.559								

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

Annual Analysis for 1993 - Station FOPU0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/06/86-12/10/97	11	21.5	20.264	31.2	8.3	63.607	7.975	9.08	13.5	28.3	30.68
00480	SALINITY - PARTS PER THOUSAND	01/06/86-12/10/97	11	25.	23.	31.	14.	30.8	5.55	14.6	18.	27.	30.8
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	11	9.	11.	23.	3.	52.8	7.266	3.	3.	15.	23.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	11	0.954	0.939	1.362	0.477	0.111	0.333	0.477	0.477	1.176	1.362
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			8.68								

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

Annual Analysis for 1994 - Station FOPU0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/06/86-12/10/97	10	23.95	22.59	31.2	8.8	52.277	7.23	9.34	16.525	28.35	31.11
00480	SALINITY - PARTS PER THOUSAND	01/06/86-12/10/97	10	24.	23.	29.	16.	20.222	4.497	16.2	18.75	26.5	28.9
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	10	3.5	6.4	23.	3.	39.822	6.31	3.	3.	9.	21.6
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	10	0.54	0.686	1.362	0.477	0.093	0.304	0.477	0.477	0.954	1.321
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			4.853								

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

Annual Analysis for 1995 - Station FOPU0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/06/86-12/10/97	6	23.3	22.467	32.3	12.8	58.135	7.625	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	01/06/86-12/10/97	6	21.5	22.333	30.	13.	37.867	6.154	**	**	**	**
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	6	4.	19.5	93.	3.	1301.1	36.071	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	6	0.602	0.868	1.968	0.477	0.317	0.563	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			7.373								

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

Annual Analysis for 1996 - Station FOPU0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/06/86-12/10/97	7	16.9	18.429	26.	12.6	31.592	5.621	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	01/06/86-12/10/97	8	24.5	24.625	31.	20.	14.268	3.777	**	**	**	**
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	8	3.5	15.875	93.	3.	978.125	31.275	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	8	0.54	0.798	1.968	0.477	0.267	0.517	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			6.287								

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

Annual Analysis for 1997 - Station FOPU0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/06/86-12/10/97	12	22.65	22.6	30.1	14.5	33.767	5.811	14.92	16.875	27.875	30.01
00480	SALINITY - PARTS PER THOUSAND	01/06/86-12/10/97	11	26.	25.636	30.	20.	10.855	3.295	20.2	22.	28.	29.6
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	12	4.	5.583	9.	3.	7.538	2.746	3.	3.	9.	9.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	12	0.602	0.698	0.954	0.477	0.046	0.215	0.477	0.477	0.954	0.954
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			4.99								

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

Seasonal Analysis for Season #1: 6/01 to 11/14 - Station FOPU0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/06/86-12/10/97	44	27.45	26.332	32.3	14.7	16.323	4.04	20.2	23.25	29.	31.
00480	SALINITY - PARTS PER THOUSAND	01/06/86-12/10/97	45	27.	26.756	37.	19.	16.962	4.118	20.	24.	30.	31.4
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	45	4.	13.244	93.	3.	528.007	22.978	3.	3.	9.	31.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	45	0.602	0.809	1.968	0.477	0.199	0.446	0.477	0.477	0.954	1.47
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			6.439								

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

Seasonal Analysis for Season #2: 11/15 to 3/31 - Station FOPU0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/06/86-12/10/97	33	13.9	13.536	20.7	7.	9.984	3.16	8.5	12.1	15.55	17.18
00480	SALINITY - PARTS PER THOUSAND	01/06/86-12/10/97	33	26.	24.788	33.	13.	24.735	4.973	18.	21.	28.	30.6
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	33	4.	9.788	93.	3.	292.047	17.089	3.	3.	9.	23.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	33	0.602	0.742	1.968	0.477	0.149	0.386	0.477	0.477	0.954	1.362
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			5.516								

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

Seasonal Analysis for Season #3: 4/01 to 5/31 - Station FOPU0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/06/86-12/10/97	19	22.	21.921	26.2	14.7	10.598	3.256	17.	19.	24.6	26.
00480	SALINITY - PARTS PER THOUSAND	01/06/86-12/10/97	18	24.5	24.5	33.	16.	27.912	5.283	16.9	20.5	29.25	32.1
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	19	4.	5.316	23.	3.	22.895	4.785	3.	3.	4.	9.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	19	0.602	0.638	1.362	0.477	0.059	0.243	0.477	0.477	0.602	0.954
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			4.35								

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

Station Inventory for Station: FOPU0016

NPS Station ID: FOPU0016 | LAT/LON: 31.995976/ -80.911809 | Agency: 11NPSWRD | Date Created: 01/16/99
Location: OYSTER CREEK AT LAZARETTO CREEK | FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/AMBNT/ESTURY | STORET Station ID(s): FOPU_GDNR_30
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 03060204 | Depth of Water: 0 | Aquifer:
Major Basin: SOUTHEAST | Elevation: 0 | Water Body Id:
Minor Basin: SAVANNAH RIVER | ECO Region:
RF1 Index: 03060204 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 03060109002008.47 | RF3 Mile Point: 8.65 | Distance from RF3: 0.58 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WASSAW SOUND GA 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE AND IS LOCATED OUTSIDE OF FORT PULASKI NATIONAL MONUMENT (FOPU). THE SITE IS LOCATED AT OYSTER CREEK AT LAZARETTO CREEK. SAMPLES WERE COLLECTED AND ANALYZED BY THE GEORGIA ENVIRONMENTAL PROTECTION DIVISION WITH THE ASSISTANCE OF THE CITY OF SAVANNAH AND THE U.S. ENVIRONMENTAL PROTECTION AGENCY. DATA ARE FROM THE GEORGIA DEPARTMENT OF NATURAL RESOURCES REPORT "RELEASE OF 7500 CURIES OF TRITIUM TO THE SAVANNAH RIVER FROM THE SAVANNAH RIVER SITE" (JAMES HARDEMAN JR.; JANUARY 1992). THE REPORT DOCUMENTS THE RESPONSE OF NUMEROUS AGENCIES TO THE RELEASE OF TRITIUM BY A NUCLEAR REACTOR AT THE SAVANNAH RIVER SITE. FOR INFORMATION ABOUT THE MONUMENT CONTACT NATURAL RESOURCES; FOPU; P.O. BOX 30757; SAVANNAH GA 31410 TEL(912)786-5787. DATA WERE PROCESSED AND UPLOADED TO STORET BY ARIA BRISSETTE; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 TEL(970)225-3516.

Parameter Inventory for Station: FOPU0016

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
04124 TRITIUM, TOTAL, WATER PCI/ML	01/05/92-01/06/92	2	2.645	2.645	3.49	1.8	1.428	1.195	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: FOPU0016

			Total	Exceed	Prop.	6/01-11/14			11/15-3/31			4/01-5/31			n/a		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.

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

Station Inventory for Station: FOPU0017

NPS Station ID: FOPU0017 LAT/LON: 31.998754/ -80.912587 Agency: 11NPSWRD Date Created: 06/06/98
Location: NORTH JUNCTION OF LAZARETTO & OYSTER CREEK FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): FOPU_DNR_224
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03060204 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: SAVANNAH RIVER ECO Region:
RF1 Index: 03060204 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03060109002008.47 RF3 Mile Point: 8.65 Distance from RF3: 0.58 On/Off RF3:
Description:
THIS STATION IS LOCATED ON THE WASSAW SOUND; CHATHAM COUNTY-GEORGIA 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THIS SITE IS LOCATED OUTSIDE THE BOUNDARY OF FORT PULASKI NATIONAL MONUMENT AND IS LOCATED AT THE NORTH JUNCTION OF LAZARETTO AND OYSTER CREEKS. OYSTER CREEK DRAINS A SALTWATER MARSH IN THE PARK AND IS CLASSIFIED AS A CLASS I AREA FOR THE PUBLIC HARVESTING OF SHELLFISH. THE GEORGIA DEPT. OF NATURAL RESOURCES HAS CONDUCTED REGULAR WATER QUALITY MONITORING OF FECAL COLIFORM BACTERIA AT THIS SITE SINCE 1986. PARAMETERS MONITORED INCLUDE FECAL COLIFORM; SALINITY; WATER TEMP.; AND TIDAL STAGE. FOR MORE INFORMATION CONTACT PARK RANGER; FORT PULASKI NATIONAL MONUMENT; US HIGHWAY 80 EAST P.O. BOX 30757; SAVANNAH; GA 31410-0757. (TEL. 912-786-5787). THE DATA WERE PROCESSED AND UPLOADED TO STORET BY ERIC JANNEY OF THE NATIONAL PARK SERVICE; WATER RESOURCE DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS; COLORADO 80525. (TEL. 970-225-3516).

Parameter Inventory for Station: FOPU0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/06/86-12/10/97	98	21.6	21.131	32.8	7.	44.315	6.657	12.58	15.3	27.725	29.
00480	SALINITY - PARTS PER THOUSAND	01/06/86-12/10/97	98	24.	23.102	34.	8.	29.392	5.421	16.	20.	27.	30.
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	99	4.	11.636	240.	3.	646.05	25.418	3.	3.	9.	23.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	99	0.602	0.805	2.38	0.477	0.154	0.393	0.477	0.477	0.954	1.362
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			6.386								

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

EPA Water Quality Criteria Analysis for Station: FOPU0017

				Total	Exceed	Prop.	----------6/01-11/14----------			----------11/15-3/31----------			----------4/01-5/31----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	99	1	0.01	46	0	0.00	34	1	0.03	19	0	0.00			

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

Annual Analysis for 1986 - Station FOPU0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/06/86-12/10/97	15	23.	20.133	31.	7.	60.981	7.809	7.6	15.	26.	29.8
00480	SALINITY - PARTS PER THOUSAND	01/06/86-12/10/97	15	29.	28.2	34.	22.	19.029	4.362	22.	22.	32.	33.4
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	15	3.	4.	9.	3.	3.	1.732	3.	3.	4.	7.8
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	15	0.477	0.575	0.954	0.477	0.021	0.146	0.477	0.477	0.602	0.889
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			3.759								

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

Annual Analysis for 1987 - Station FOPU0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/06/86-12/10/97	7	26.	21.714	29.	9.	57.238	7.566	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	01/06/86-12/10/97	7	24.	23.143	27.	14.	19.81	4.451	**	**	**	**
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	7	3.	40.286	240.	3.	7808.905	88.368	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	7	0.477	0.928	2.38	0.477	0.52	0.721	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			8.471								

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

Annual Analysis for 1988 - Station FOPU0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/06/86-12/10/97	5	16.	17.8	28.	9.	58.7	7.662	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	01/06/86-12/10/97	5	25.	25.2	32.	18.	30.7	5.541	**	**	**	**
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	5	7.	12.4	39.	3.	226.8	15.06	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	5	0.845	0.894	1.591	0.477	0.188	0.433	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			7.833								

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

Annual Analysis for 1989 - Station FOPU0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/06/86-12/10/97	8	21.5	22.25	28.	18.	12.5	3.536	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	01/06/86-12/10/97	8	23.5	22.125	29.	16.	20.411	4.518	**	**	**	**
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	8	6.5	14.75	43.	3.	309.929	17.605	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	8	0.778	0.917	1.633	0.477	0.231	0.48	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			8.255								

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

Annual Analysis for 1990 - Station FOPU0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/06/86-12/10/97	5	29.	25.	31.	17.	42.	6.481	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	01/06/86-12/10/97	5	24.	23.8	30.	14.	45.2	6.723	**	**	**	**
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	5	3.	8.2	23.	3.	75.2	8.672	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	5	0.477	0.749	1.362	0.477	0.16	0.4	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			5.617								

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

Annual Analysis for 1991 - Station FOPU0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/06/86-12/10/97	6	21.5	20.667	28.	13.	37.467	6.121	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	01/06/86-12/10/97	6	22.5	22.333	28.	18.	13.067	3.615	**	**	**	**
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	6	6.5	11.	23.	3.	90.8	9.529	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	6	0.778	0.893	1.362	0.477	0.157	0.396	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			7.819								

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

Annual Analysis for 1992 - Station FOPU0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/06/86-12/10/97	4	16.5	16.5	21.	12.	21.667	4.655	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	01/06/86-12/10/97	4	24.	22.5	26.	16.	19.667	4.435	**	**	**	**
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	4	3.	3.25	4.	3.	0.25	0.5	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	4	0.477	0.508	0.602	0.477	0.004	0.062	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			3.224								

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

Annual Analysis for 1993 - Station FOPU0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/06/86-12/10/97	12	21.5	21.017	31.3	8.1	61.4	7.836	9.39	14.625	28.2	30.46
00480	SALINITY - PARTS PER THOUSAND	01/06/86-12/10/97	12	21.	19.75	30.	8.	59.841	7.736	8.	12.5	24.75	30.
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	12	5.5	13.833	43.	3.	233.606	15.284	3.	3.	22.5	43.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	12	0.724	0.905	1.633	0.477	0.215	0.464	0.477	0.477	1.352	1.633
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			8.04								

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

Annual Analysis for 1994 - Station FOPU0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/06/86-12/10/97	11	23.7	22.036	30.9	9.4	47.809	6.914	10.38	16.4	27.7	30.76
00480	SALINITY - PARTS PER THOUSAND	01/06/86-12/10/97	11	24.	22.364	29.	14.	17.655	4.202	15.	19.	25.	28.4
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	11	4.	10.364	43.	3.	158.655	12.596	3.	3.	15.	39.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	11	0.602	0.804	1.633	0.477	0.171	0.414	0.477	0.477	1.176	1.579
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			6.363								

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

Annual Analysis for 1995 - Station FOPU0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/06/86-12/10/97	6	23.65	22.617	32.8	12.6	58.79	7.667	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	01/06/86-12/10/97	6	20.	19.667	26.	11.	37.067	6.088	**	**	**	**
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	6	5.5	8.167	23.	3.	58.567	7.653	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	6	0.724	0.786	1.362	0.477	0.118	0.343	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			6.113								

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

Annual Analysis for 1996 - Station FOPU0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/06/86-12/10/97	7	17.1	18.8	26.	12.8	30.633	5.535	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	01/06/86-12/10/97	8	23.	22.25	28.	17.	10.786	3.284	**	**	**	**
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	8	9.	8.75	23.	3.	40.214	6.341	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	8	0.954	0.857	1.362	0.477	0.081	0.285	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			7.203								

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

Annual Analysis for 1997 - Station FOPU0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/06/86-12/10/97	12	22.9	22.742	29.9	15.3	35.563	5.963	15.48	16.325	28.35	29.84
00480	SALINITY - PARTS PER THOUSAND	01/06/86-12/10/97	11	24.	23.091	28.	17.	15.491	3.936	17.	20.	27.	28.
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	12	9.	9.25	23.	3.	48.023	6.93	3.	3.25	9.	23.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	12	0.954	0.864	1.362	0.477	0.096	0.31	0.477	0.508	0.954	1.362
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			7.319								

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

Seasonal Analysis for Season #1: 6/01 to 11/14 - Station FOPU0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/06/86-12/10/97	45	28.	26.418	32.8	15.	15.209	3.9	21.	22.65	29.	30.94
00480	SALINITY - PARTS PER THOUSAND	01/06/86-12/10/97	46	24.	24.5	34.	16.	21.5	4.637	18.	21.75	28.	31.3
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	46	4.	9.739	43.	3.	134.242	11.586	3.	3.	9.	27.8
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	46	0.602	0.79	1.633	0.477	0.143	0.378	0.477	0.477	0.954	1.431
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			6.17								

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

Seasonal Analysis for Season #2: 11/15 to 3/31 - Station FOPU0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/06/86-12/10/97	34	14.45	13.815	20.7	7.	10.324	3.213	8.55	12.3	16.	17.2
00480	SALINITY - PARTS PER THOUSAND	01/06/86-12/10/97	34	22.	21.412	30.	8.	33.947	5.826	12.5	17.75	26.	29.
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	34	8.	16.471	240.	3.	1644.499	40.552	3.	3.	12.	23.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	34	0.9	0.878	2.38	0.477	0.194	0.44	0.477	0.477	1.046	1.362
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			7.543								

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

Seasonal Analysis for Season #3: 4/01 to 5/31 - Station FOPU0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/06/86-12/10/97	19	22.	21.7	26.	14.7	11.378	3.373	16.	19.	24.9	25.7
00480	SALINITY - PARTS PER THOUSAND	01/06/86-12/10/97	18	24.	22.722	32.	11.	33.742	5.809	13.7	17.	27.5	29.3
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	19	4.	7.579	43.	3.	96.146	9.805	3.	3.	9.	23.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	19	0.602	0.712	1.633	0.477	0.109	0.331	0.477	0.477	0.954	1.362
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			5.154								

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

Station Inventory for Station: FOPU0018

NPS Station ID: FOPU0018
LAT/LON: 32.010837/ -81.014727
Agency: 1113S090
Date Created: / /
Location: WILMINGTON R OP EN TO SKDAWY NAR
FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 133105 /WR-3105 /SRWR-3 W-3
RMI-Indexes: 0313010
Within Park Boundary: No
RMI-Miles: 0006.25
HUC: 03060204
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: SAVANNAH RIVER BASIN
ECO Region:
RF1 Index: 03060204038
RF1 Mile Point: 21.140
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 03060204043400.00
RF3 Mile Point: 0.00
Distance from RF3: 0.08
On/Off RF3:
Description:
CENTER LINE OF WILMINGTON RIVER OPPOSITE ENTRANCE OF SKIDAWAY NARROWS

Parameter Inventory for Station: FOPU0018

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

***** Data for this station locked by controlling agency *****

Station Inventory for Station: FOPU0019

NPS Station ID: FOPU0019
LAT/LON: 32.011116/ -80.989726
Agency: 1113S090
Date Created: / /
Location: TURNERS CK AT CPTN. HELMEYS DOCK
FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 134125 /STA.042
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03060204
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: WILMINGTON RIVER BASIN
ECO Region:
RF1 Index: 03060204001
RF1 Mile Point: 17.330
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 03060204229409.33
RF3 Mile Point: 9.41
Distance from RF3: 0.16
On/Off RF3:
Description:
DATA FURNISHED BY CHATHAM COUNTY HEALTH DEPARTMENT AND THE STATE OF GEORGIA FOR THE BACK DATA PROJECT

Parameter Inventory for Station: FOPU0019

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

***** Data for this station locked by controlling agency *****

Station Inventory for Station: FOPU0020

NPS Station ID: FOPU0020
LAT/LON: 32.011670/ -80.840281
Agency: 1113S090
Date Created: / /
Location: SAV. BEACH AT HWY 80& BUTLER AVE
FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 134010 /STA.003
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03060204
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: SAVANNAH RIVER BASIN
ECO Region:
RF1 Index: 03060204039
RF1 Mile Point: 9.070
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 03060109002700.32
RF3 Mile Point: 0.32
Distance from RF3: 0.02
On/Off RF3:
Description:
DATA FURNISHED BY CHATHAM COUNTY HEALTH DEPARTMENT AND THE STATE OF GEORGIA FOR THE BACK DATA PROJECT

Parameter Inventory for Station: FOPU0020

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

***** Data for this station locked by controlling agency *****

Station Inventory for Station: FOPU0021

NPS Station ID: FOPU0021 | LAT/LON: 32.013615/ -80.916115 | Agency: 11NPSWRD | Date Created: 06/06/98
Location: NORTH FORK OYSTER CREEK | FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/AMBNT/ESTURY | STORET Station ID(s): FOPU_DNR_223
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 03060109 | Depth of Water: 0 | Aquifer:
Major Basin: SOUTHEAST | Elevation: 0 | Water Body Id:
Minor Basin: SAVANNAH RIVER | ECO Region:
RF1 Index: 03060109 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 03060109002008.47 | RF3 Mile Point: 8.65 | Distance from RF3: 0.58 | On/Off RF3:
Description:
THIS STATION IS LOCATED ON THE FORT PULASKI; GA-S.C. 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THIS SITE IS LOCATED WITHIN THE BOUNDARY OF FORT PULASKI NATIONAL MONUMENT AND IS LOCATED ON THE NORTH FORK OF OYSTER CREEK. OYSTER CREEK DRAINS A SALTWATER MARSH IN THE PARK AND IS CLASSIFIED AS A CLASS I AREA FOR THE PUBLIC HARVESTING OF SHELLFISH. THE GEORGIA DEPT. OF NATURAL RESOURCES HAS CONDUCTED REGULAR WATER QUALITY MONITORING OF FECAL COLIFORM BACTERIA AT THIS SITE SINCE 1986. PARAMETERS MONITORED INCLUDE FECAL COLIFORM; SALINITY; WATER TEMP.; AND TIDAL STAGE. FOR MORE INFORMATION CONTACT PARK RANGER; FORT PULASKI NATIONAL MONUMENT; US HIGHWAY 80 EAST; P.O. BOX 30757; SAVANNAH GA 31410-0757. (TEL. 912-786-5787). THE DATA WERE PROCESSED AND UPLOADED TO STORET BY ERIC JANNEY OF THE NATIONAL PARK SERVICE WATER RESOURCE DIVISION; 1201 OAK RIDGE DRIVE; SUITE 250; FORT COLLINS COLORADO 80525. (TEL. 970-225-3516).

Parameter Inventory for Station: FOPU0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/06/86-12/10/97	79	21.4	21.157	32.7	7.	46.156	6.794	12.8	15.	28.	29.7
00480	SALINITY - PARTS PER THOUSAND	01/06/86-12/10/97	79	26.	25.127	35.	13.	18.881	4.345	20.	22.	28.	31.
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	80	3.	7.95	150.	3.	308.478	17.564	3.	3.	6.25	15.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	80	0.477	0.675	2.176	0.477	0.111	0.333	0.477	0.477	0.784	1.176
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			4.728								

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

EPA Water Quality Criteria Analysis for Station: FOPU0021

			Total	Exceed	Prop.	----------6/01-11/14----------			----------11/15-3/31----------			----------4/01-5/31----------			----------n/a----------		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31614 FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	80	0	0.00	36	0	0.00	29	0	0.00	15	0	0.00			

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

Annual Analysis for 1986 - Station FOPU0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/06/86-12/10/97	15	24.	20.067	31.	7.	62.924	7.932	7.6	14.	26.	29.8
00480	SALINITY - PARTS PER THOUSAND	01/06/86-12/10/97	15	31.	29.933	35.	25.	9.638	3.105	25.	26.	32.	33.8
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	15	3.	4.2	15.	3.	11.314	3.364	3.	3.	3.	11.4
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	15	0.477	0.556	1.176	0.477	0.045	0.211	0.477	0.477	0.477	1.043
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			3.594								

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

Annual Analysis for 1989 - Station FOPU0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/06/86-12/10/97	2	20.	20.	21.	19.	2.	1.414	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	01/06/86-12/10/97	2	24.	24.	26.	22.	8.	2.828	**	**	**	**
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	2	76.5	76.5	150.	3.	10804.5	103.945	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	2	1.327	1.327	2.176	0.477	1.443	1.201	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			21.213								

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

Annual Analysis for 1990 - Station FOPU0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/06/86-12/10/97	4	28.5	26.25	31.	17.	39.583	6.292	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	01/06/86-12/10/97	4	28.	27.	30.	22.	12.	3.464	**	**	**	**
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	4	3.	3.25	4.	3.	0.25	0.5	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	4	0.477	0.508	0.602	0.477	0.004	0.062	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			3.224								

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

Annual Analysis for 1991 - Station FOPU0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/06/86-12/10/97	6	22.	20.833	28.	13.	37.767	6.145	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	01/06/86-12/10/97	6	24.	23.5	27.	20.	6.7	2.588	**	**	**	**
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	6	3.	8.667	36.	3.	179.467	13.397	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	6	0.477	0.678	1.556	0.477	0.188	0.433	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			4.762								

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

Annual Analysis for 1992 - Station FOPU0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/06/86-12/10/97	4	16.5	16.5	21.	12.	21.667	4.655	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	01/06/86-12/10/97	4	23.5	24.	27.	22.	4.667	2.16	**	**	**	**
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	4	4.	3.75	4.	3.	0.25	0.5	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	4	0.602	0.571	0.602	0.477	0.004	0.062	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			3.722								

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

Annual Analysis for 1993 - Station FOPU0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/06/86-12/10/97	12	17.95	19.317	30.3	8.3	67.791	8.234	8.6	12.825	28.5	30.06
00480	SALINITY - PARTS PER THOUSAND	01/06/86-12/10/97	12	25.	22.75	30.	13.	32.205	5.675	13.9	16.75	27.75	29.4
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	12	5.	11.	43.	3.	156.364	12.505	3.	3.	19.5	37.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	12	0.661	0.831	1.633	0.477	0.181	0.425	0.477	0.477	1.26	1.552
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			6.778								

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

Annual Analysis for 1994 - Station FOPU0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/06/86-12/10/97	11	23.9	23.645	30.7	13.8	31.749	5.635	14.36	17.7	28.2	30.56
00480	SALINITY - PARTS PER THOUSAND	01/06/86-12/10/97	11	25.	24.182	30.	17.	13.364	3.656	17.6	21.	27.	29.4
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	11	4.	5.364	15.	3.	13.855	3.722	3.	3.	7.	13.8
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	11	0.602	0.663	1.176	0.477	0.053	0.231	0.477	0.477	0.845	1.132
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			4.602								

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

Annual Analysis for 1995 - Station FOPU0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/06/86-12/10/97	6	23.75	22.767	32.7	12.8	58.139	7.625	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	01/06/86-12/10/97	6	22.5	23.	29.	16.	21.2	4.604	**	**	**	**
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	6	3.	4.167	9.	3.	5.767	2.401	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	6	0.477	0.577	0.954	0.477	0.037	0.191	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			3.78								

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

Annual Analysis for 1996 - Station FOPU0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/06/86-12/10/97	7	17.	18.971	28.	13.	36.139	6.012	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	01/06/86-12/10/97	8	26.	24.375	28.	18.	11.696	3.42	**	**	**	**
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	8	6.5	8.25	23.	3.	45.357	6.735	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	8	0.778	0.809	1.362	0.477	0.101	0.318	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			6.438								

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

Annual Analysis for 1997 - Station FOPU0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/06/86-12/10/97	12	23.1	22.758	29.8	15.	33.977	5.829	15.3	16.6	28.175	29.77
00480	SALINITY - PARTS PER THOUSAND	01/06/86-12/10/97	11	25.	24.636	29.	22.	7.455	2.73	22.	22.	27.	28.8
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	12	3.5	4.833	15.	3.	13.061	3.614	3.	3.	4.	13.2
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	12	0.54	0.617	1.176	0.477	0.05	0.223	0.477	0.477	0.602	1.11
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			4.138								

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

Seasonal Analysis for Season #1: 6/01 to 11/14 - Station FOPU0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/06/86-12/10/97	35	28.	26.74	32.7	14.7	15.99	3.999	21.12	25.	29.5	30.82
00480	SALINITY - PARTS PER THOUSAND	01/06/86-12/10/97	36	27.	26.528	35.	17.	16.542	4.067	21.4	24.	29.	31.6
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	36	3.	8.611	150.	3.	609.502	24.688	3.	3.	4.	13.2
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	36	0.477	0.614	2.176	0.477	0.12	0.347	0.477	0.477	0.602	1.076
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			4.114								

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

Seasonal Analysis for Season #2: 11/15 to 3/31 - Station FOPU0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/06/86-12/10/97	29	14.	13.948	21.1	7.	9.86	3.14	8.3	12.75	16.1	17.
00480	SALINITY - PARTS PER THOUSAND	01/06/86-12/10/97	29	24.	23.69	31.	16.	14.793	3.846	16.	21.	26.	29.
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	29	4.	7.552	36.	3.	56.042	7.486	3.	3.	9.	15.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	29	0.602	0.74	1.556	0.477	0.105	0.324	0.477	0.477	0.954	1.176
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			5.501								

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

Seasonal Analysis for Season #3: 4/01 to 5/31 - Station FOPU0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/06/86-12/10/97	15	23.6	22.067	26.2	13.2	12.145	3.485	15.96	20.	25.	25.54
00480	SALINITY - PARTS PER THOUSAND	01/06/86-12/10/97	14	25.5	24.5	32.	13.	26.423	5.14	16.	21.5	27.75	31.5
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	15	4.	7.133	43.	3.	102.695	10.134	3.	3.	7.	22.6
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	15	0.602	0.692	1.633	0.477	0.095	0.308	0.477	0.477	0.845	1.226
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			4.924								

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

Station Inventory for Station: FOPU0022

NPS Station ID: FOPU0022 | LAT/LON: 32.014503/ -80.923449 | Agency: 11NPSWRD | Date Created: 06/06/98
Location: CUT OYSTER CREEK TO BULL RIVER | FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/AMBNT/ESTURY | STORET Station ID(s): FOPU_DNR_222
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 03060109 | Depth of Water: 0 | Aquifer:
Major Basin: SOUTHEAST | Elevation: 0 | Water Body Id:
Minor Basin: SAVANNAH RIVER | ECO Region:
RF1 Index: 03060109 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 03060109002008.47 | RF3 Mile Point: 8.65 | Distance from RF3: 0.58 | On/Off RF3:
Description:
THIS STATION IS LOCATED ON THE FORT PULASKI; GA-S.C. 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THIS SITE IS LOCATED WITHIN THE BOUNDARY OF FORT PULASKI NATIONAL MONUMENT AND IS LOCATED AT CUT OYSTER CREEK TO BULL RIVER. OYSTER CREEK DRAINS A SALTWATER MARSH IN THE PARK AND IS CLASSIFIED AS A CLASS I AREA FOR THE PUBLIC HARVESTING OF SHELLFISH. THE GEORGIA DEPTARTMENT OF NATURAL RESOURCES HAS CONDUCTED REGULAR WATER QUALITY MONITORING OF FECAL COLIFORM BACTERIA AT THIS SITE SINCE 1986. PARAMETERS MONITORED INCLUDE FECAL COLIFORM; SALINITY; WATER TEMPERATURE; AND TIDAL STAGE. FOR MORE INFORMATION CONTACT PARK RANGER FORT PULASKI NATIONAL MONUMENT; US HIGHWAY 80 EAST; P.O. BOX 30757 SAVANNAH; GA 31410-0757. (TEL. 912-786-5787). THE DATA WERE PROCESSED AND UPLOADED TO STORET BY ERIC JANNEY OF THE NATIONAL PARK SERVICE WATER RESOURCE DIVISION; 1201 OAK RIDGE DRIVE; SUITE 250; FORT COLLINS COLORADO 80525. (TEL. 970-225-3516).

Parameter Inventory for Station: FOPU0022

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/06/86-12/10/97	97	21.2	20.861	32.5	7.	44.606	6.679	12.64	15.	26.75	29.04
00480	SALINITY - PARTS PER THOUSAND	01/06/86-12/10/97	97	25.	24.01	33.	9.	24.281	4.928	17.	20.5	28.	30.
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	98	9.	22.816	150.	3.	855.1	29.242	3.	4.	23.	76.8
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	98	0.954	1.066	2.176	0.477	0.247	0.497	0.477	0.602	1.362	1.884
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			11.634								

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

EPA Water Quality Criteria Analysis for Station: FOPU0022

				Total	Exceed	Prop.	6/01-11/14			11/15-3/31			4/01-5/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	98	0	0.00	45	0	0.00	34	0	0.00	19	0	0.00			

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

Annual Analysis for 1986 - Station FOPU0022

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/06/86-12/10/97	15	24.	20.067	31.	7.	62.781	7.923	7.6	15.	26.	29.8
00480	SALINITY - PARTS PER THOUSAND	01/06/86-12/10/97	15	30.	29.667	33.	25.	8.381	2.895	25.	26.	32.	33.
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	15	3.	6.8	43.	3.	109.457	10.462	3.	3.	4.	26.2
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	15	0.477	0.642	1.633	0.477	0.107	0.327	0.477	0.477	0.602	1.359
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			4.39								

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

Annual Analysis for 1987 - Station FOPU0022

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/06/86-12/10/97	7	26.	21.571	29.	8.	61.619	7.85	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	01/06/86-12/10/97	7	25.	24.143	28.	17.	14.476	3.805	**	**	**	**
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	7	4.	15.	43.	3.	321.	17.916	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	7	0.602	0.905	1.633	0.477	0.259	0.509	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			8.041								

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

Annual Analysis for 1988 - Station FOPU0022

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/06/86-12/10/97	5	16.	18.	28.	9.	61.5	7.842	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	01/06/86-12/10/97	5	28.	28.4	33.	24.	10.3	3.209	**	**	**	**
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	5	9.	10.	23.	3.	64.	8.	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	5	0.954	0.887	1.362	0.477	0.126	0.355	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			7.715								

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

Annual Analysis for 1989 - Station FOPU0022

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/06/86-12/10/97	8	22.	22.375	28.	18.	11.411	3.378	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	01/06/86-12/10/97	8	26.	24.25	30.	16.	25.071	5.007	**	**	**	**
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	8	43.	57.625	150.	9.	2190.554	46.803	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	8	1.633	1.601	2.176	0.954	0.195	0.442	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			39.865								

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

Annual Analysis for 1990 - Station FOPU0022

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/06/86-12/10/97	5	27.	24.6	31.	17.	38.8	6.229	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	01/06/86-12/10/97	5	25.	24.6	29.	19.	17.3	4.159	**	**	**	**
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	5	9.	11.8	23.	7.	41.2	6.419	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	5	0.954	1.031	1.362	0.845	0.039	0.197	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			10.748								

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

Annual Analysis for 1991 - Station FOPU0022

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/06/86-12/10/97	6	15.5	17.167	22.	14.	15.367	3.92	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	01/06/86-12/10/97	6	21.	20.5	25.	14.	16.7	4.087	**	**	**	**
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	6	23.	41.833	93.	4.	1619.367	40.241	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	6	1.362	1.406	1.968	0.602	0.267	0.517	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			25.493								

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

Annual Analysis for 1992 - Station FOPU0022

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/06/86-12/10/97	4	17.	17.	22.	12.	27.333	5.228	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	01/06/86-12/10/97	4	21.	21.75	26.	19.	8.917	2.986	**	**	**	**
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	4	9.	28.75	93.	4.	1840.25	42.898	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	4	0.954	1.12	1.968	0.602	0.348	0.59	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			13.175								

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

Annual Analysis for 1993 - Station FOPU0022

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/06/86-12/10/97	11	21.2	20.491	31.1	8.9	63.299	7.956	9.6	13.5	28.7	30.72
00480	SALINITY - PARTS PER THOUSAND	01/06/86-12/10/97	11	25.	20.455	28.	9.	47.073	6.861	10.	14.	26.	28.
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	11	23.	32.	93.	4.	1077.	32.818	4.6	9.	43.	93.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	11	1.362	1.29	1.968	0.602	0.215	0.464	0.651	0.954	1.633	1.968
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			19.518								

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

Annual Analysis for 1994 - Station FOPU0022

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/06/86-12/10/97	11	23.4	21.945	31.1	9.2	49.873	7.062	10.18	16.	28.	30.9
00480	SALINITY - PARTS PER THOUSAND	01/06/86-12/10/97	11	22.	22.364	27.	17.	9.055	3.009	17.6	20.	25.	26.8
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	11	23.	28.636	93.	3.	903.655	30.061	3.2	4.	43.	89.4
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	11	1.362	1.216	1.968	0.477	0.261	0.511	0.502	0.602	1.633	1.95
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			16.436								

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

Annual Analysis for 1995 - Station FOPU0022

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/06/86-12/10/97	6	23.6	22.633	32.5	12.8	58.199	7.629	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	01/06/86-12/10/97	6	21.5	21.833	28.	15.	25.367	5.037	**	**	**	**
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	6	8.	9.167	23.	3.	52.167	7.223	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	6	0.9	0.866	1.362	0.477	0.097	0.311	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			7.341								

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

Annual Analysis for 1996 - Station FOPU0022

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/06/86-12/10/97	7	16.8	18.7	26.	12.7	32.597	5.709	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	01/06/86-12/10/97	8	23.5	22.75	28.	18.	11.929	3.454	**	**	**	**
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	8	9.	23.5	93.	3.	973.143	31.195	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	8	0.954	1.069	1.968	0.477	0.289	0.538	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			11.727								

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

Annual Analysis for 1997 - Station FOPU0022

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/06/86-12/10/97	12	23.	22.917	31.	16.	34.083	5.838	16.	16.5	28.	30.7
00480	SALINITY - PARTS PER THOUSAND	01/06/86-12/10/97	11	23.	23.818	29.	20.	7.564	2.75	20.	22.	25.	28.6
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	12	9.	15.25	43.	3.	219.841	14.827	3.	4.	23.	43.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	12	0.954	0.986	1.633	0.477	0.193	0.439	0.477	0.602	1.362	1.633
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			9.689								

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

Seasonal Analysis for Season #1: 6/01 to 11/14 - Station FOPU0022

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/06/86-12/10/97	44	27.5	25.893	32.5	14.	20.402	4.517	19.	22.4	29.	31.
00480	SALINITY - PARTS PER THOUSAND	01/06/86-12/10/97	45	25.	25.356	33.	16.	16.689	4.085	19.	22.	28.	30.
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	45	9.	24.111	150.	3.	1064.01	32.619	3.	4.	39.	93.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	45	0.954	1.06	2.176	0.477	0.277	0.526	0.477	0.602	1.591	1.968
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			11.471								

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

Seasonal Analysis for Season #2: 11/15 to 3/31 - Station FOPU0022

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/06/86-12/10/97	34	14.05	13.726	21.	7.	10.19	3.192	8.45	12.3	16.	17.
00480	SALINITY - PARTS PER THOUSAND	01/06/86-12/10/97	34	23.5	22.588	32.	14.	22.674	4.762	15.	19.75	25.25	29.
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	34	9.	19.235	93.	3.	453.822	21.303	3.	4.	23.	43.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	34	0.954	1.066	1.968	0.477	0.192	0.438	0.477	0.602	1.362	1.633
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			11.634								

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

Seasonal Analysis for Season #3: 4/01 to 5/31 - Station FOPU0022

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/06/86-12/10/97	19	22.	21.974	26.1	15.	11.122	3.335	16.	19.	25.	26.
00480	SALINITY - PARTS PER THOUSAND	01/06/86-12/10/97	18	23.	23.333	33.	9.	40.588	6.371	13.5	19.75	27.75	32.1
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	19	9.	26.158	93.	3.	1134.918	33.689	3.	4.	23.	93.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/06/86-12/10/97	19	0.954	1.08	1.968	0.477	0.304	0.551	0.477	0.602	1.362	1.968
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			12.028								

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

Station Inventory for Station: FOPU0023

NPS Station ID: FOPU0023
LAT/LON: 32.016670/ -80.873337
Agency: 11EPAMW
Date Created: 07/28/78
Location: SAVANNAH RIVER GEORGIA
FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): 4800 /SAV
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03060109
Depth of Water: 0
Aquifer:
Major Basin: ATLANTIC OCEAN
Elevation: 0
Water Body Id:
Minor Basin: ATLANTIC OCEAN
ECO Region:
RF1 Index: 03060109026
RF1 Mile Point: 0.140
Distance from RF1: 14.30
On/Off RF1: ON
RF3 Index: 03060109009500.00
RF3 Mile Point: 0.00
Distance from RF3: 0.90
On/Off RF3:
Description:

Parameter Inventory for Station: FOPU0023

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/30/76-11/30/76	1	2171.	2171.	2171.	2171.	0.	0.	**	**	**	**
81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	11/30/76-11/30/76	1	1.	1.	1.	1.	0.	0.	**	**	**	**
81623	PCB - 1254 IN SHELLFISH TISSUE DRY WEIGHT UG/KG	11/30/76-11/30/76	1	33.1	33.1	33.1	33.1	0.	0.	**	**	**	**
81626	P,P'-DDE IN SHELLFISH TISSUE DRY WEIGHT UG/KG	11/30/76-11/30/76	1	6.61	6.61	6.61	6.61	0.	0.	**	**	**	**
81627	ZINC IN SHELLFISH TISSUE DRY WEIGHT MG/KG	11/30/76-11/30/76	1	2260.	2260.	2260.	2260.	0.	0.	**	**	**	**
81628	NICKEL IN SHELLFISH TISSUE DRY WEIGHT MG/KG	11/30/76-11/30/76	1	4.2	4.2	4.2	4.2	0.	0.	**	**	**	**
81633	LEAD IN SHELLFISH TISSUE DRY WEIGHT MG/KG	11/30/76-11/30/76	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
81634	CADMIUM IN SHELLFISH TISSUE DRY WEIGHT MG/KG	11/30/76-11/30/76	1	3.7	3.7	3.7	3.7	0.	0.	**	**	**	**
81635	SILVER IN SHELLFISH TISSUE DRY WEIGHT MG/KG	11/30/76-11/30/76	1	4.3	4.3	4.3	4.3	0.	0.	**	**	**	**
81636	COPPER IN SHELLFISH TISSUE DRY WEIGHT MG/KG	11/30/76-11/30/76	1	192.	192.	192.	192.	0.	0.	**	**	**	**

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

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

Station Inventory for Station: FOPU0024

NPS Station ID: FOPU0024
LAT/LON: 32.016670/ -80.873337
Agency: 11NATDC
Date Created: 08/03/85
Location: SAVANNAH R
FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): T0704279 /2698
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03060109
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: SAVANNAH R
ECO Region:
RF1 Index: 03060109026
RF1 Mile Point: 0.140
Distance from RF1: 5.40
On/Off RF1: ON
RF3 Index: 03060204215600.00
RF3 Mile Point: 10.02
Distance from RF3: 0.53
On/Off RF3:
Description:

Parameter Inventory for Station: FOPU0024

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

***** Data for this station locked by controlling agency *****

Station Inventory for Station: FOPU0025

NPS Station ID: FOPU0025
LAT/LON: 32.017226/ -81.019170
Agency: 1113S090
Date Created: / /
Location: WILMINGTON R AT BRADLEY'S POINT
FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 134105 /STA.041
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03060204
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: WILMINGTON RIVER BASIN
ECO Region:
RF1 Index: 03060204001
RF1 Mile Point: 16.750
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 03060204003800.00
RF3 Mile Point: 1.35
Distance from RF3: 0.04
On/Off RF3:
Description:
DATA FURNISHED BY CHATHAM COUNTY HEALTH DEPARTMENT AND THE STATE OF GEORGIA FOR THE BACK DATA PROJECT

Parameter Inventory for Station: FOPU0025

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

***** Data for this station locked by controlling agency *****

Station Inventory for Station: FOPU0026

NPS Station ID: FOPU0026
LAT/LON: 32.018059/ -80.961949
Agency: 1113S090
Date Created: / /
Location: BETZ CK AT WALTHOUR ROAD
FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 134175 /STA.071A
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03060109
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: OGEECHEE RIVER BASIN
ECO Region:
RF1 Index: 03060109026
RF1 Mile Point: 4.840
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 03060109046200.00
RF3 Mile Point: 0.51
Distance from RF3: 0.01
On/Off RF3:
Description:
DATA FURNISHED BY CHATHAM COUNTY HEALTH DEPARTMENT AND THE STATE OF GEORGIA FOR THE BACK DATA PROJECT

Parameter Inventory for Station: FOPU0026

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

***** Data for this station locked by controlling agency *****

Station Inventory for Station: FOPU0027

NPS Station ID: FOPU0027
LAT/LON: 32.020838/ -80.879170
Agency: 1114GBL
Date Created: 01/19/79
Location: LAZERETTA-CREEK
FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 1301
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03060109
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: SAVANNAH RIVER
ECO Region:
RF1 Index: 03060109025
RF1 Mile Point: 0.860
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 03060109002700.00
RF3 Mile Point: 0.00
Distance from RF3: 0.01
On/Off RF3:
Description:
DATA FROM NATIONAL PESTICIDES MONITORING PROGRAM "ORGANOCHLORINE RESIDUES IN ESTUARINE MOLLUSCS, 1965-72"
SAMPLE TAKEN FROM LAZERETTA-CREEK IF CONTAMINENT WAS TESTED FOR BUT NOT DETECTED,
IT IS STORED AS "K5.0", MEANING "LESS THAN THE DETECTION LIMIT OF 5". IF A TRACE OF THE CONTAMINENT HAS BEEN
DETECTED, IT IS STORED AS "J7.5", MEANING "APPROXIMATELY 7.5", BUT ACTUALLY MEANING "BETWEEN 5 AND 10 PPB".

Parameter Inventory for Station: FOPU0027

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/01/67-06/01/72	64	2171.	2171.	2171.	2171.	0.	0.	2171.	2171.	2171.	2171.
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	02/01/67-06/01/72	64	14.	14.	14.	14.	0.	0.	14.	14.	14.	14.
81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	02/01/67-06/01/72	64	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
81623	PCB - 1254 IN SHELLFISH TISSUE DRY WEIGHT UG/KG	01/01/69-06/01/72	42 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81625	P,P'-DDD IN SHELLFISH TISSUE DRY WEIGHT	02/01/67-06/01/72	56 ##	2.5	6.33	29.	2.5	48.584	6.97	2.5	2.5	11.75	16.3
81626	P,P'-DDE IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	49 ##	2.5	7.235	53.	2.5	87.314	9.344	2.5	2.5	12.5	20.
81713	ALDRIN IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	64 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81714	CHLORDANE IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	64 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81715	P,P'-DDT IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	57 ##	2.5	3.368	28.	2.5	16.424	4.053	2.5	2.5	2.5	2.5
81716	DIELDRIN IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	55	28.	35.418	230.	2.5	1488.146	38.576	2.5	17.	42.	59.6
81717	ENDRIN IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	64 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81718	HEPTACHLOR EPOXIDE IN SHELLFISH TIS DRY WGT UG/KG	02/01/67-06/01/72	64 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81719	HEPTACHLOR IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	64 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81720	LINDANE(GAMMA-BHC)IN SHELLFISH TIS DRY WGT UG/KG	02/01/67-06/01/72	64 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81721	METHOXYCHLOR IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	64 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81722	MIREX IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	64 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81723	TOXAPHENE IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	64 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5

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

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

Annual Analysis for 1967 - Station FOPU0027

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/01/67-06/01/72	11	2171.	2171.	2171.	2171.	0.	0.	2171.	2171.	2171.	2171.
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	02/01/67-06/01/72	11	14.	14.	14.	14.	0.	0.	14.	14.	14.	14.
81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	02/01/67-06/01/72	11	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
81625	P,P'-DDD IN SHELLFISH TISSUE DRY WEIGHT	02/01/67-06/01/72	11	14.	13.318	29.	2.5	76.064	8.721	2.5	2.5	17.	28.2
81626	P,P'-DDE IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	9	12.	13.667	53.	2.5	262.875	16.213	2.5	2.5	17.5	53.
81713	ALDRIN IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	11 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81714	CHLORDANE IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	11 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81715	P,P'-DDT IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	8 ##	2.5	5.5	18.	2.5	34.357	5.861	**	**	**	**
81716	DIELDRIN IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	11	33.	43.909	98.	18.	496.291	22.278	20.4	30.	56.	91.4
81717	ENDRIN IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	11 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81718	HEPTACHLOR EPOXIDE IN SHELLFISH TIS DRY WGT UG/KG	02/01/67-06/01/72	11 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81719	HEPTACHLOR IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	11 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81720	LINDANE(GAMMA-BHC)IN SHELLFISH TIS DRY WGT UG/KG	02/01/67-06/01/72	11 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81721	METHOXYCHLOR IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	11 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81722	MIREX IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	11 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81723	TOXAPHENE IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	11 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5

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

Annual Analysis for 1968 - Station FOPU0027

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/01/67-06/01/72	11	2171.	2171.	2171.	2171.	0.	0.	2171.	2171.	2171.	2171.
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	02/01/67-06/01/72	11	14.	14.	14.	14.	0.	0.	14.	14.	14.	14.
81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	02/01/67-06/01/72	11	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
81625	P,P'-DDD IN SHELLFISH TISSUE DRY WEIGHT	02/01/67-06/01/72	10 ##	2.5	8.9	23.	2.5	78.156	8.841	2.5	2.5	17.75	23.
81626	P,P'-DDE IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	10 ##	2.5	7.2	17.	2.5	38.456	6.201	2.5	2.5	13.5	16.8
81713	ALDRIN IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	11 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81714	CHLORDANE IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	11 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81715	P,P'-DDT IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	10 ##	2.5	5.05	28.	2.5	65.025	8.064	2.5	2.5	2.5	25.45
81716	DIELDRIN IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	11	37.	31.5	56.	2.5	245.35	15.664	5.6	20.	42.	54.
81717	ENDRIN IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	11 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81718	HEPTACHLOR EPOXIDE IN SHELLFISH TIS DRY WGT UG/KG	02/01/67-06/01/72	11 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81719	HEPTACHLOR IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	11 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81720	LINDANE(GAMMA-BHC)IN SHELLFISH TIS DRY WGT UG/KG	02/01/67-06/01/72	11 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81721	METHOXYCHLOR IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	11 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81722	MIREX IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	11 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81723	TOXAPHENE IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	11 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5

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

Annual Analysis for 1969 - Station FOPU0027

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/01/67-06/01/72	12	2171.	2171.	2171.	2171.	0.	0.	2171.	2171.	2171.	2171.
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	02/01/67-06/01/72	12	14.	14.	14.	14.	0.	0.	14.	14.	14.	14.
81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	02/01/67-06/01/72	12	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
81625	P,P'-DDD IN SHELLFISH TISSUE DRY WEIGHT	02/01/67-06/01/72	12 ##	2.5	3.375	13.	2.5	9.188	3.031	2.5	2.5	2.5	9.85
81626	P,P'-DDE IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	10 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81713	ALDRIN IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	12 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81714	CHLORDANE IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	12 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81715	P,P'-DDT IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	12 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81716	DIELDRIN IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	12	31.5	59.333	230.	16.	4864.424	69.745	17.2	20.75	50.	215.
81717	ENDRIN IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	12 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81718	HEPTACHLOR EPOXIDE IN SHELLFISH TIS DRY WGT UG/KG	02/01/67-06/01/72	12 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5

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

Annual Analysis for 1969 - Station FOPU0027

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
81719	HEPTACHLOR IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	12 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81720	LINDANE(GAMMA-BHC)IN SHELLFISH TIS DRY WGT UG/KG	02/01/67-06/01/72	12 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81721	METHOXYCHLOR IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	12 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81722	MIREX IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	12 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81723	TOXAPHENE IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	12 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5

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

Annual Analysis for 1970 - Station FOPU0027

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/01/67-06/01/72	12	2171.	2171.	2171.	2171.	0.	0.	2171.	2171.	2171.	2171.
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	02/01/67-06/01/72	12	14.	14.	14.	14.	0.	0.	14.	14.	14.	14.
81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	02/01/67-06/01/72	12	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
81625	P,P'-DDD IN SHELLFISH TISSUE DRY WEIGHT	02/01/67-06/01/72	10 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81626	P,P'-DDE IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	8 ##	2.5	6.375	23.	2.5	58.625	7.657	**	**	**	**
81713	ALDRIN IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	12 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81714	CHLORDANE IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	12 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81715	P,P'-DDT IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	12 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81716	DIELDRIN IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	9	30.	28.667	80.	2.5	539.937	23.237	2.5	9.75	36.	80.
81717	ENDRIN IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	12 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81718	HEPTACHLOR EPOXIDE IN SHELLFISH TIS DRY WGT UG/KG	02/01/67-06/01/72	12 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81719	HEPTACHLOR IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	12 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81720	LINDANE(GAMMA-BHC)IN SHELLFISH TIS DRY WGT UG/KG	02/01/67-06/01/72	12 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81721	METHOXYCHLOR IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	12 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81722	MIREX IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	12 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81723	TOXAPHENE IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	12 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5

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

Annual Analysis for 1971 - Station FOPU0027

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/01/67-06/01/72	12	2171.	2171.	2171.	2171.	0.	0.	2171.	2171.	2171.	2171.
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	02/01/67-06/01/72	12	14.	14.	14.	14.	0.	0.	14.	14.	14.	14.
81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	02/01/67-06/01/72	12	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
81625	P,P'-DDD IN SHELLFISH TISSUE DRY WEIGHT	02/01/67-06/01/72	10 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81626	P,P'-DDE IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	10 ##	2.5	4.25	20.	2.5	30.625	5.534	2.5	2.5	2.5	18.25
81713	ALDRIN IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	12 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81714	CHLORDANE IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	12 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81715	P,P'-DDT IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	12 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81716	DIELDRIN IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	9	13.	10.944	19.	2.5	48.715	6.98	2.5	2.5	18.	19.
81717	ENDRIN IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	12 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81718	HEPTACHLOR EPOXIDE IN SHELLFISH TIS DRY WGT UG/KG	02/01/67-06/01/72	12 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81719	HEPTACHLOR IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	12 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81720	LINDANE(GAMMA-BHC)IN SHELLFISH TIS DRY WGT UG/KG	02/01/67-06/01/72	12 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81721	METHOXYCHLOR IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	12 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81722	MIREX IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	12 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
81723	TOXAPHENE IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	12 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5

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

Annual Analysis for 1972 - Station FOPU0027

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/01/67-06/01/72	6	2171.	2171.	2171.	2171.	0.	0.	**	**	**	**
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	02/01/67-06/01/72	6	14.	14.	14.	14.	0.	0.	**	**	**	**
81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	02/01/67-06/01/72	6	1.	1.	1.	1.	0.	0.	**	**	**	**
81625	P,P'-DDD IN SHELLFISH TISSUE DRY WEIGHT	02/01/67-06/01/72	3	12.	9.5	14.	2.5	37.75	6.144	**	**	**	**
81626	P,P'-DDE IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	2	20.5	20.5	23.	18.	12.5	3.536	**	**	**	**
81713	ALDRIN IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	6 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
81714	CHLORDANE IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	6 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
81715	P,P'-DDT IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
81716	DIELDRIN IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	3	15.	16.667	22.	13.	22.333	4.726	**	**	**	**
81717	ENDRIN IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	6 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
81718	HEPTACHLOR EPOXIDE IN SHELLFISH TIS DRY WGT UG/KG	02/01/67-06/01/72	6 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
81719	HEPTACHLOR IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	6 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
81720	LINDANE(GAMMA-BHC)IN SHELLFISH TIS DRY WGT UG/KG	02/01/67-06/01/72	6 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
81721	METHOXYCHLOR IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	6 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
81722	MIREX IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	6 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
81723	TOXAPHENE IN SHELLFISH TISSUE DRY WEIGHT UG/KG	02/01/67-06/01/72	6 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**

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

Station Inventory for Station: FOPU0028

NPS Station ID: FOPU0028
LAT/LON: 32.021392/ -81.031393
Agency: 1113S090
Date Created: / /
Location: WILMINGTON R OPP ENT TO HERB RIV
FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM
STORET Station ID(s): 133110 /WR-3110 /SRWR-4 W-4
RMI-Indexes: 0313010
Within Park Boundary: No
RMI-Miles: 0007.25
HUC: 03060204
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: SAVANNAH RIVER BASIN
ECO Region:
RF1 Index: 03060204001
RF1 Mile Point: 16.350
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 03060204003708.83
RF3 Mile Point: 11.19
Distance from RF3: 0.13
On/Off RF3:
Description:
CENTER LINE OF WILMINGTON RIVER OPPOSITE ENTRANCE TO HERB RIVER

Parameter Inventory for Station: FOPU0028

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

***** Data for this station locked by controlling agency *****

Station Inventory for Station: FOPU0029

NPS Station ID: FOPU0029
LAT/LON: 32.021948/ -80.861115
Agency: 1113S090
Date Created: / /
Location: SAV. BEACH 100 YDS W TYBEE STP
FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 134000 /STA.001
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03060109
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: SAVANNAH RIVER BASIN
ECO Region:
RF1 Index: 03060109026
RF1 Mile Point: 0.140
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 03060109068500.12
RF3 Mile Point: 0.11
Distance from RF3: 0.05
On/Off RF3:
Description:
DATA FURNISHED BY CHATHAM COUNTY HEALTH DEPARTMENT AND THE STATE OF GEORGIA FOR THE BACK DATA PROJECT

Parameter Inventory for Station: FOPU0029

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

***** Data for this station locked by controlling agency *****

Station Inventory for Station: FOPU0030

NPS Station ID: FOPU0030
LAT/LON: 32.022504/ -80.899726
Agency: 1113S090
Date Created: / /
Location: S CHANL UPST OF BRD TO FT PULASK
FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 133045 /SR-3045 /SRSC-1 SC-1
RMI-Indexes: 0313050 001010
Within Park Boundary: No
RMI-Miles: 0000.10 0001.00
HUC: 03060109
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: SAVANNAH RIVER BASIN
ECO Region:
RF1 Index: 03060109026
RF1 Mile Point: 1.710
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 03060109009200.00
RF3 Mile Point: 0.00
Distance from RF3: 0.07
On/Off RF3:
Description:
CENTER LINE FO CHANNEL JUST UPSTREAM OF BRIDGE TO FORT PULASKI

Parameter Inventory for Station: FOPU0030

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

***** Data for this station locked by controlling agency *****

Station Inventory for Station: FOPU0031

NPS Station ID: FOPU0031 LAT/LON: 32.023476/ -80.897170 Agency: 11NPSWRD Date Created: 01/16/99
Location: SOUTH CHANNEL OF SAVANNAH RIVER AT BRIDGE FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): FOPU_GDNR_29
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 03060109 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: SAVANNAH RIVER ECO Region:
RF1 Index: 03060109 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03060109002008.47 RF3 Mile Point: 8.65 Distance from RF3: 0.58 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE FORT PULASKI GA-SC 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE AND IS LOCATED AT THE SOUTH CHANNEL OF THE SAVANNAH RIVER AT THE NORTH END OF THE BRIDGE ACCESSING FORT PULASKI NATIONAL MONUMENT (FOPU). SAMPLES WERE COLLECTED BY NATIONAL PARK SERVICE PERSONNEL AS PART OF A MULTI-AGENCY SAMPLING EFFORT. DATA ARE FROM THE GEORGIA DEPARTMENT OF NATURAL RESOURCES REPORT "RELEASE OF 7500 CURIES OF TRITIUM TO THE SAVANNAH RIVER FROM THE SAVANNAH RIVER SITE" (JAMES HARDEMAN JR.; JANUARY 1992). THE REPORT DOCUMENTS THE RESPONSE OF NUMEROUS AGENCIES TO THE RELEASE OF TRITUM BY A NUCLEAR REACTOR AT THE SAVANNAH RIVER SITE. FOR INFORMATION ABOUT THE MONUMENT CONTACT NATURAL RESOURCES; FOPU; P.O. BOX 30757; SAVANNAH GA 31410 TEL(912)786-5787. DATA WERE PROCESSED AND UPLOADED TO STORET BY ARIA BRISSETTE; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 TEL(970)225-3516.

Parameter Inventory for Station: FOPU0031

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
04124 TRITIUM, TOTAL, WATER PCI/ML	12/31/91-01/06/92	14	9.715	8.981	15.81	1.86	21.358	4.622	2.02	5.098	12.185	15.15

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

EPA Water Quality Criteria Analysis for Station: FOPU0031

			Total	Exceed	Prop.	6/01-11/14			11/15-3/31			4/01-5/31			n/a		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.

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

Station Inventory for Station: FOPU0032

NPS Station ID: FOPU0032
LAT/LON: 32.023670/ -80.897448
Agency: 11NPSWRD
Date Created: 06/06/98
Location: SOUTH CHANNEL
FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): FOPU_NPS_3
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03060109
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: SAVANNAH RIVER
ECO Region:
RF1 Index: 03060109
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 03060109002008.47
RF3 Mile Point: 8.65
Distance from RF3: 0.58
On/Off RF3:
Description:
THIS STATION IS LOCATED ON THE FORT PULASKI; GA.-S.C. 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THIS SITE IS IN FORT PULSKI NATIONAL MONUMENT AND IS LOCATED ON THE SOUTH CHANNEL JUST EAST OF THE BRIDGE LEADING TO FORT PULASKI. WATER QUALITY HAVE BEEN MONITORED AT THIS STATION ON A MONTHLY BASIS SINCE JANUARY 1994 AS PART OF A PROGRAM DESIGNED TO MEASURE NUTRIENT AND SALINITY LEVELS AND TO ASSESS THE POTENTIAL FOR ALGAL BLOOMS AND DETERIORATION OF THE FORT'S BRICK MASONRY. SAMPLES ARE TYPICALLY COLLECTED THE LAST WEEK OF THE MONTH ALTHOUGH EXACT SAMPLE DATES ARE NOT RECORDED. PARAMETERS MONITORED FOR THIS PROGRAM INCLUDE WATER TEMP.; MONTHLY RAIN; SALINITY; PH; D.O.; NITRATE; NITRITE; AND FECAL COLIFORM. FOR MORE INFORMATION CONTACT PARK RANGER; FORT PULASKI NM; U.S. HIGHWAY 80 EAST; P.O. BOX 30757; SAVANNAH GA 31410-0757. (TEL. 912 786-5787). DATA WERE PROCESSED AND UPLOADED TO STORET BY ERIC JANNEY OF THE NPS; WATER RESOURCES DIVISION; 1201 OAK RIDGE DR.; SUITE 250; FT. COLLINS; CO 80525. (TEL. 970 225-3516).

Parameter Inventory for Station: FOPU0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/25/94-03/25/98	17	20.	20.824	31.	11.	50.154	7.082	12.6	14.	28.	28.6
00300	OXYGEN, DISSOLVED MG/L	03/25/94-03/25/98	17	7.5	7.859	11.5	4.8	4.49	2.119	5.12	6.	9.75	11.26
00405	CARBON DIOXIDE (MG/L AS CO2)	03/25/94-03/25/98	17	24.	24.618	44.	14.	57.735	7.598	14.8	19.25	29.5	36.
00406	PH, FIELD, STANDARD UNITS SU	03/25/94-03/25/98	17	8.	8.135	9.	6.5	0.374	0.611	7.3	8.	8.5	9.
00406	CONVERTED PH, FIELD, STANDARD UNITS	03/25/94-03/25/98	17	8.	7.571	9.	6.5	0.712	0.844	7.3	8.	8.5	9.
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/25/94-03/25/98	17	0.01	0.027	0.316	0.001	0.006	0.075	0.001	0.003	0.01	0.089
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/25/94-03/25/98	17 ##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/25/94-03/25/98	17	1.2	1.294	3.	0.6	0.381	0.617	0.6	0.8	1.6	2.2
78887	PRECIPITATION, NET MONTHLY ACCUMULATED MGD	03/25/94-03/25/98	16	4.375	4.625	7.8	0.95	4.803	2.192	1.335	2.65	6.825	7.275

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

EPA Water Quality Criteria Analysis for Station: FOPU0032

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-11/14 Obs	6/01-11/14 Exceed	6/01-11/14 Prop.	11/15-3/31 Obs	11/15-3/31 Exceed	11/15-3/31 Prop.	4/01-5/31 Obs	4/01-5/31 Exceed	4/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	17	0	0.00	8	0	0.00	9	0	0.00						
00406	PH, FIELD	Marine Chronic	8.5	17	6	0.35	8	3	0.38	9	3	0.33						
		Other-Lo Lim.	6.5	17	1	0.06	8	1	0.13	9	0	0.00						

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

Station Inventory for Station: FOPU0033

NPS Station ID: FOPU0033
LAT/LON: 32.023892/ -80.857226
Agency: 1113S090
Date Created: / /
Location: SAV. BEACH 100 YDS E TYBEE STP
FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 134005 /STA.002
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03060109
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: SAVANNAH RIVER BASIN
ECO Region:
RF1 Index: 03060109026
RF1 Mile Point: 0.140
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 03060109002700.32
RF3 Mile Point: 0.32
Distance from RF3: 0.03
On/Off RF3:
Description:
DATA FURNISHED BY CHATHAM COUNTY HEALTH DEPARTMENT AND THE STATE OF GEORGIA FOR THE BACK DATA PROJECT

Parameter Inventory for Station: FOPU0033

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

***** Data for this station locked by controlling agency *****

Station Inventory for Station: FOPU0034

NPS Station ID: FOPU0034
LAT/LON: 32.026088/ -80.890892
Agency: 11NPSWRD
Date Created: 06/06/98
Location: MOAT SURROUNDING FORT PULASKI NM
FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /CANAL/TYPA/AMBNT
STORET Station ID(s): FOPU_NPS_1
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03060109
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: SAVANNAH RIVER
ECO Region:
RF1 Index: 03060109
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 03060109002008.47
RF3 Mile Point: 8.65
Distance from RF3: 0.58
On/Off RF3:
Description:
THIS STATION IS LOCATED ON THE FORT PULASKI; GA.-S.C. 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THIS SITE IS IN FORT PULSKI NATIONAL MONUMENT AND IS LOCATED ON THE MOAT WHICH SURROUNDS THE FORT. WATER QUALITY HAS BEEN MONITORED AT THIS STATION ON A MONTHLY BASIS SINCE JANUARY 1994 AS PART OF A PROGRAM DESIGNED TO MEASURE NUTRIENT AND SALINITY LEVELS AND TO ASSESS THE POTENTIAL FOR ALGAL BLOOMS AND DETERIORATION OF THE FORT'S BRICK MASONRY. SAMPLES ARE TYPICALLY COLLECTED THE LAST WEEK OF THE MONTH ALTHOUGH EXACT SAMPLE DATES ARE NOT RECORDED. PARAMETERS MONITORED FOR THIS PROGRAM INCLUDE WATER TEMPERATURE; MONTHLY RAIN; SALINITY; PH; D.O.; NITRATE; NITRITE; AND FECAL COLIFORM. FOR MORE INFORMATION CONTACT PARK RANGER; FORT PULASKI NATIONAL MONUMENT; U.S. HIGHWAY 80 EAST; P.O. BOX 30757; SAVANNAH; GA 31410-0757. (TEL. 912-786-5787). DATA WERE PROCESSED AND UPLOADED TO STORET BY ERIC JANNEY OF THE NPS; WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE; SUITE 250; FT. COLLINS; CO 80525. (TEL. 970 225-3516).

Parameter Inventory for Station: FOPU0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/25/94-03/25/98	51	21.5	21.088	32.	8.	48.517	6.965	12.	15.	29.	30.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	01/25/94-03/25/98	51	18.	17.961	31.	10.	19.518	4.418	12.2	14.	20.	23.
00300	OXYGEN, DISSOLVED MG/L	01/25/94-03/25/98	51	8.5	8.804	15.	3.2	9.385	3.063	4.24	6.5	11.	13.42
00405	CARBON DIOXIDE (MG/L AS CO2)	01/25/94-03/25/98	51	16.	15.51	36.	0.2	78.497	8.86	4.4	8.	22.	28.
00406	PH, FIELD, STANDARD UNITS SU	01/25/94-03/25/98	51	9.5	9.31	10.5	6.5	0.615	0.784	8.5	9.	10.	10.
00406	CONVERTED PH, FIELD, STANDARD UNITS	01/25/94-03/25/98	51	9.5	8.102	10.5	6.5	2.104	1.45	8.5	9.	10.	10.
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/94-03/25/98	51	0.	0.008	0.316	0.	0.002	0.044	0.	0.	0.001	0.003
00480	SALINITY - PARTS PER THOUSAND	01/25/94-03/25/98	51	2.	2.467	6.	0.8	1.955	1.398	1.2	2.	2.8	5.2
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/25/94-03/25/98	51 ##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/25/94-03/25/98	51	0.8	0.748	1.32	0.4	0.031	0.177	0.6	0.6	0.8	0.98
72109	DEPTH TO WATER LEVEL FROM A MEASURING POINT (FEET)	01/25/94-03/25/98	51	1.3	1.218	2.3	0.3	0.239	0.489	0.5	0.8	1.6	1.8
78887	PRECIPITATION, NET MONTHLY ACCUMULATED MGD	01/25/94-03/25/98	51	4.3	4.905	21.5	0.	15.794	3.974	1.26	2.35	6.5	8.28

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

EPA Water Quality Criteria Analysis for Station: FOPU0034

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-11/14 Obs	6/01-11/14 Exceed	6/01-11/14 Prop.	11/15-3/31 Obs	11/15-3/31 Exceed	11/15-3/31 Prop.	4/01-5/31 Obs	4/01-5/31 Exceed	4/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	51	4	0.08	20	1	0.05	23	2	0.09	8	1	0.13			
00406	PH, FIELD	Fresh Chronic	9.	51	41	0.80	20	16	0.80	23	17	0.74	8	8	1.00			
		Other-Lo Lim.	6.5	51	1	0.02	20	1	0.05	23	0	0.00	8	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	51	0	0.00	20	0	0.00	23	0	0.00	8	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	51	0	0.00	20	0	0.00	23	0	0.00	8	0	0.00			

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

Annual Analysis for 1994 - Station FOPU0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/25/94-03/25/98	12	23.	22.042	30.	11.	47.021	6.857	11.3	14.75	28.75	29.7
00077	TRANSPARENCY, SECCHI DISC (INCHES)	01/25/94-03/25/98	12	18.	17.583	28.	10.	19.538	4.42	10.6	16.	19.5	25.6
00300	OXYGEN, DISSOLVED MG/L	01/25/94-03/25/98	12	8.6	7.95	13.1	3.2	13.301	3.647	3.29	4.025	11.575	12.92
00405	CARBON DIOXIDE (MG/L AS CO2)	01/25/94-03/25/98	12	16.25	15.208	28.	0.5	122.657	11.075	0.5	4.	27.25	28.
00406	PH, FIELD, STANDARD UNITS SU	01/25/94-03/25/98	12	9.5	9.692	10.5	8.5	0.377	0.614	8.65	9.5	10.375	10.5
00406	CONVERTED PH, FIELD, STANDARD UNITS	01/25/94-03/25/98	12	9.5	9.294	10.5	8.5	0.55	0.741	8.65	9.5	10.375	10.5
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/94-03/25/98	12	0.	0.001	0.003	0.	0.	0.001	0.	0.	0.	0.003
00480	SALINITY - PARTS PER THOUSAND	01/25/94-03/25/98	12	1.4	1.517	2.4	0.8	0.302	0.549	0.8	1.05	2.	2.28
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/25/94-03/25/98	12 ##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/25/94-03/25/98	12	0.8	0.856	1.32	0.6	0.06	0.244	0.6	0.625	1.075	1.284
72109	DEPTH TO WATER LEVEL FROM A MEASURING POINT (FEET)	01/25/94-03/25/98	12	1.5	1.325	2.3	0.4	0.444	0.666	0.43	0.725	1.775	2.3
78887	PRECIPITATION, NET MONTHLY ACCUMULATED MGD	01/25/94-03/25/98	12	5.65	6.233	19.5	0.75	21.687	4.657	1.185	3.938	6.9	15.99

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

Annual Analysis for 1995 - Station FOPU0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/25/94-03/25/98	12	20.	21.5	32.	13.	51.727	7.192	13.	15.25	29.5	31.4
00077	TRANSPARENCY, SECCHI DISC (INCHES)	01/25/94-03/25/98	12	19.5	20.5	31.	14.	17.364	4.167	14.9	18.25	22.	28.6
00300	OXYGEN, DISSOLVED MG/L	01/25/94-03/25/98	12	10.7	10.508	15.	4.8	9.77	3.126	5.46	7.7	13.25	14.7
00405	CARBON DIOXIDE (MG/L AS CO2)	01/25/94-03/25/98	12	22.	19.583	36.	6.	83.303	9.127	6.3	9.975	24.775	33.6
00406	PH, FIELD, STANDARD UNITS SU	01/25/94-03/25/98	12	8.75	8.833	10.	7.5	0.697	0.835	7.65	8.125	9.75	10.
00406	CONVERTED PH, FIELD, STANDARD UNITS	01/25/94-03/25/98	12	8.682	8.27	10.	7.5	1.043	1.021	7.65	8.125	9.75	10.
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/94-03/25/98	12	0.002	0.005	0.032	0.	0.	0.009	0.	0.	0.008	0.025
00480	SALINITY - PARTS PER THOUSAND	01/25/94-03/25/98	12	5.2	4.5	6.	2.4	2.215	1.488	2.52	2.8	6.	6.
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/25/94-03/25/98	12 ##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/25/94-03/25/98	12	0.8	0.825	1.	0.6	0.009	0.097	0.66	0.8	0.9	0.97
72109	DEPTH TO WATER LEVEL FROM A MEASURING POINT (FEET)	01/25/94-03/25/98	12	1.6	1.367	1.9	0.3	0.288	0.537	0.3	1.3	1.75	1.87
78887	PRECIPITATION, NET MONTHLY ACCUMULATED MGD	01/25/94-03/25/98	12	4.075	5.183	21.5	0.95	30.881	5.557	1.025	1.838	6.45	17.21

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

Annual Analysis for 1996 - Station FOPU0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/25/94-03/25/98	12	22.	21.417	30.	8.	67.902	8.24	9.2	12.75	29.75	30.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	01/25/94-03/25/98	12	20.	20.5	28.	16.	14.091	3.754	16.	18.	22.75	27.4
00300	OXYGEN, DISSOLVED MG/L	01/25/94-03/25/98	12	10.35	10.092	14.	5.2	5.814	2.411	6.1	8.55	10.875	14.
00405	CARBON DIOXIDE (MG/L AS CO2)	01/25/94-03/25/98	12	10.3	13.108	30.	7.	51.37	7.167	7.	7.55	18.5	27.3
00406	PH, FIELD, STANDARD UNITS SU	01/25/94-03/25/98	12	9.25	9.125	10.	6.5	0.915	0.956	7.1	9.	9.875	10.
00406	CONVERTED PH, FIELD, STANDARD UNITS	01/25/94-03/25/98	12	9.182	7.568	10.	6.5	3.56	1.887	7.1	9.	9.875	10.
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/94-03/25/98	12	0.001	0.027	0.316	0.	0.008	0.091	0.	0.	0.001	0.222
00480	SALINITY - PARTS PER THOUSAND	01/25/94-03/25/98	12	2.	2.167	2.8	2.	0.101	0.317	2.	2.	2.3	2.8
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/25/94-03/25/98	12 ##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/25/94-03/25/98	12	0.75	0.708	0.8	0.6	0.01	0.1	0.6	0.6	0.8	0.8
72109	DEPTH TO WATER LEVEL FROM A MEASURING POINT (FEET)	01/25/94-03/25/98	12	1.15	1.167	1.8	0.6	0.11	0.331	0.66	1.	1.375	1.74
78887	PRECIPITATION, NET MONTHLY ACCUMULATED MGD	01/25/94-03/25/98	12	2.65	3.388	7.05	0.	5.13	2.265	0.24	1.738	5.475	6.84

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

Annual Analysis for 1997 - Station FOPU0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/25/94-03/25/98	12	19.5	20.667	30.	12.	42.424	6.513	12.	15.25	27.75	30.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	01/25/94-03/25/98	12	14.	14.	19.	12.	3.818	1.954	12.	12.25	14.	18.1
00300	OXYGEN, DISSOLVED MG/L	01/25/94-03/25/98	12	7.35	7.242	11.	4.	3.572	1.89	4.36	6.05	8.025	10.64
00405	CARBON DIOXIDE (MG/L AS CO2)	01/25/94-03/25/98	12	11.	12.833	25.	0.2	52.377	7.237	1.94	8.2	18.75	24.1
00406	PH, FIELD, STANDARD UNITS SU	01/25/94-03/25/98	12	9.75	9.708	10.	9.	0.112	0.334	9.15	9.5	10.	10.
00406	CONVERTED PH, FIELD, STANDARD UNITS	01/25/94-03/25/98	12	9.682	9.577	10.	9.	0.131	0.361	9.15	9.5	10.	10.
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/94-03/25/98	12	0.	0.	0.001	0.	0.	0.	0.	0.	0.	0.001
00480	SALINITY - PARTS PER THOUSAND	01/25/94-03/25/98	12	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/25/94-03/25/98	12 ##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/25/94-03/25/98	12	0.6	0.608	0.8	0.4	0.019	0.138	0.4	0.525	0.75	0.8
72109	DEPTH TO WATER LEVEL FROM A MEASURING POINT (FEET)	01/25/94-03/25/98	12	1.1	1.133	1.6	0.6	0.088	0.296	0.66	0.925	1.375	1.57
78887	PRECIPITATION, NET MONTHLY ACCUMULATED MGD	01/25/94-03/25/98	12	3.35	4.013	8.4	1.5	3.988	1.997	1.77	2.763	5.05	7.965

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

Annual Analysis for 1998 - Station FOPU0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/25/94-03/25/98	3	16.	16.	20.	12.	16.	4.	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	01/25/94-03/25/98	3	15.	15.	16.	14.	1.	1.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/25/94-03/25/98	3	6.	6.5	8.	5.5	1.75	1.323	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	01/25/94-03/25/98	3	18.	20.733	28.	16.2	40.413	6.357	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	01/25/94-03/25/98	3	9.	8.833	9.	8.5	0.083	0.289	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	01/25/94-03/25/98	3	9.	8.764	9.	8.5	0.09	0.301	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/94-03/25/98	3	0.001	0.002	0.003	0.001	0.	0.001	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	01/25/94-03/25/98	3	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/25/94-03/25/98	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/25/94-03/25/98	3	0.8	0.733	0.8	0.6	0.013	0.115	**	**	**	**
72109	DEPTH TO WATER LEVEL FROM A MEASURING POINT (FEET)	01/25/94-03/25/98	3	0.5	0.733	1.3	0.4	0.243	0.493	**	**	**	**
78887	PRECIPITATION, NET MONTHLY ACCUMULATED MGD	01/25/94-03/25/98	3	9.65	8.117	10.3	4.4	10.466	3.235	**	**	**	**

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

Station Inventory for Station: FOPU0035

NPS Station ID: FOPU0035
LAT/LON: 32.026171/ -80.891338
Agency: 11NPSWRD
Date Created: 06/06/98
Location: FEEDER CANAL AT FORT PULASKI NM
FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /CANAL/TYPA/AMBNT
STORET Station ID(s): FOPU_NPS_2
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 03060109
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: SAVANNAH RIVER
ECO Region:
RF1 Index: 03060109
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 03060109002008.47
RF3 Mile Point: 8.65
Distance from RF3: 0.58
On/Off RF3:
Description:
THIS STATION IS LOCATED ON THE FORT PULASKI; GA.-S.C. 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THIS SITE IS IN FORT PULSKI NATIONAL MONUMENT AND IS LOCATED ON THE FEEDER CANAL JUST BELOW THE TIDAL GATE. WATER QUALITY DATA HAVE BEEN MONITORED AT THIS STATION ON A MONTHLY BASIS SINCE JANUARY 1994 AS PART OF A PROGRAM DESIGNED TO MEASURE NUTRIENT AND SALINITY LEVELS AND TO ASSESS THE POTENTIAL FOR ALGAL BLOOMS AND DETERIORATION OF THE FORT'S BRICK MASONRY. SAMPLES ARE TYPICALLY COLLECTED THE LAST WEEK OF THE MONTH ALTHOUGH EXACT SAMPLE DATES ARE NOT RECORDED. PARAMETERS MONITORED FOR THIS PROGRAM INCLUDE WATER TEMP.; MONTHLY RAIN; SALINITY; PH; DISSOLVED OXYGEN; NITRATE; NITRITE AND FECAL COLIFORM. FOR MORE INFORMATION CONTACT PARK RANGER; FORT PULASKI NATIONAL MONUMENT; US HIGHWAY 80 EAST; P.O. BOX 30757; SAVANNAH GA 31410-0757. (TEL. 912 786-5787). DATA WERE PROCESSED AND UPLOADED TO STORET BY ERIC JANNEY OF THE NPS; WATER RESOURCES DIVISION 1201 OAK RIDGE DRIVE; SUITE 250; FORT COLLINS; CO 80525. (TEL. 970 225-3516).

Parameter Inventory for Station: FOPU0035

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/25/94-03/25/98	51	22.	21.078	32.	10.	46.794	6.841	11.2	14.	28.	30.8
00300	OXYGEN, DISSOLVED MG/L	01/25/94-03/25/98	51	7.2	7.165	12.	1.2	3.966	1.991	5.	6.	8.5	9.66
00405	CARBON DIOXIDE (MG/L AS CO2)	01/25/94-03/25/98	51	26.	27.608	52.	12.	88.589	9.412	16.	22.	32.	44.4
00406	PH, FIELD, STANDARD UNITS SU	01/25/94-03/25/98	51	7.5	7.425	9.5	4.5	0.768	0.876	6.5	7.	8.	8.
00406	CONVERTED PH, FIELD, STANDARD UNITS	01/25/94-03/25/98	51	7.5	6.087	9.5	4.5	2.594	1.611	6.5	7.	8.	8.
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/94-03/25/98	51	0.032	0.818	31.623	0.	19.747	4.444	0.01	0.01	0.1	0.316
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/25/94-03/25/98	51 ##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/25/94-03/25/98	51	1.2	1.368	2.8	0.05	0.404	0.635	0.8	0.9	1.6	2.56
78887	PRECIPITATION, NET MONTHLY ACCUMULATED MGD	01/25/94-03/25/98	51	4.3	4.905	21.5	0.	15.794	3.974	1.26	2.35	6.5	8.28

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

EPA Water Quality Criteria Analysis for Station: FOPU0035

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-11/14 Obs	6/01-11/14 Exceed	6/01-11/14 Prop.	11/15-3/31 Obs	11/15-3/31 Exceed	11/15-3/31 Prop.	4/01-5/31 Obs	4/01-5/31 Exceed	4/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	51	4	0.08	20	3	0.15	23	0	0.00	8	1	0.13			
00406	PH, FIELD	Fresh Chronic	9.	51	3	0.06	20	1	0.05	23	2	0.09	8	0	0.00			
		Other-Lo Lim.	6.5	51	7	0.14	20	3	0.15	23	3	0.13	8	1	0.13			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	51	0	0.00	20	0	0.00	23	0	0.00	8	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	51	0	0.00	20	0	0.00	23	0	0.00	8	0	0.00			

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

Annual Analysis for 1994 - Station FOPU0035

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/25/94-03/25/98	12	22.5	22.167	31.	11.	50.515	7.107	11.6	14.5	29.75	30.7
00300	OXYGEN, DISSOLVED MG/L	01/25/94-03/25/98	12	6.25	6.05	9.	1.2	4.988	2.233	1.74	5.1	7.75	8.85
00405	CARBON DIOXIDE (MG/L AS CO2)	01/25/94-03/25/98	12	27.5	28.583	51.	14.	105.72	10.282	14.6	20.25	35.	47.1
00406	PH, FIELD, STANDARD UNITS SU	01/25/94-03/25/98	12	7.5	7.375	8.5	6.	0.551	0.742	6.15	6.625	8.	8.35
00406	CONVERTED PH, FIELD, STANDARD UNITS	01/25/94-03/25/98	12	7.5	6.802	8.5	6.	0.909	0.953	6.15	6.625	8.	8.35
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/94-03/25/98	12	0.032	0.158	1.	0.003	0.083	0.289	0.005	0.01	0.262	0.795
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/25/94-03/25/98	12 ##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/25/94-03/25/98	12	1.2	1.146	1.6	0.05	0.196	0.443	0.215	0.975	1.475	1.57
78887	PRECIPITATION, NET MONTHLY ACCUMULATED MGD	01/25/94-03/25/98	12	5.65	6.233	19.5	0.75	21.687	4.657	1.185	3.938	6.9	15.99

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

Annual Analysis for 1995 - Station FOPU0035

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/25/94-03/25/98	12	21.5	22.25	32.	11.	55.114	7.424	11.9	15.25	30.	32.
00300	OXYGEN, DISSOLVED MG/L	01/25/94-03/25/98	12	8.35	8.083	10.2	5.	2.607	1.615	5.3	6.7	9.375	10.17
00405	CARBON DIOXIDE (MG/L AS CO2)	01/25/94-03/25/98	12	27.5	29.167	52.	20.	74.152	8.611	20.6	23.	33.5	46.9
00406	PH, FIELD, STANDARD UNITS SU	01/25/94-03/25/98	12	7.5	7.467	9.	5.5	0.733	0.856	5.89	7.	8.	8.7
00406	CONVERTED PH, FIELD, STANDARD UNITS	01/25/94-03/25/98	12	7.5	6.515	9.	5.5	1.72	1.312	5.89	7.	8.	8.7
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/94-03/25/98	12	0.032	0.305	3.162	0.001	0.812	0.901	0.004	0.01	0.1	2.261
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/25/94-03/25/98	12 ##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/25/94-03/25/98	12	1.4	1.55	2.8	0.8	0.619	0.787	0.8	0.8	2.35	2.74
78887	PRECIPITATION, NET MONTHLY ACCUMULATED MGD	01/25/94-03/25/98	12	4.075	5.183	21.5	0.95	30.881	5.557	1.025	1.838	6.45	17.21

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

Annual Analysis for 1996 - Station FOPU0035

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/25/94-03/25/98	12	21.5	21.333	31.	10.	42.424	6.513	10.9	15.75	27.5	30.1
00300	OXYGEN, DISSOLVED MG/L	01/25/94-03/25/98	12	7.35	7.367	12.	4.	5.102	2.259	4.3	5.425	8.65	11.31
00405	CARBON DIOXIDE (MG/L AS CO2)	01/25/94-03/25/98	12	23.5	27.917	48.	12.	168.811	12.993	12.9	17.	43.5	47.7
00406	PH, FIELD, STANDARD UNITS SU	01/25/94-03/25/98	12	7.75	7.567	9.5	4.5	1.608	1.268	5.1	6.975	8.	9.35
00406	CONVERTED PH, FIELD, STANDARD UNITS	01/25/94-03/25/98	12	7.682	5.571	9.5	4.5	5.953	2.44	5.1	6.975	8.	9.35
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/94-03/25/98	12	0.021	2.686	31.623	0.	83.049	9.113	0.001	0.01	0.127	22.231
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/25/94-03/25/98	12 ##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/25/94-03/25/98	12	1.5	1.758	2.8	0.8	0.512	0.715	0.92	1.2	2.55	2.8
78887	PRECIPITATION, NET MONTHLY ACCUMULATED MGD	01/25/94-03/25/98	12	2.65	3.388	7.05	0.	5.13	2.265	0.24	1.738	5.475	6.84

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

Annual Analysis for 1997 - Station FOPU0035

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/25/94-03/25/98	12	22.	20.75	31.	11.	40.386	6.355	11.3	14.5	25.5	30.1
00300	OXYGEN, DISSOLVED MG/L	01/25/94-03/25/98	12	7.35	7.158	10.	4.	2.764	1.663	4.3	5.875	7.95	9.7
00405	CARBON DIOXIDE (MG/L AS CO2)	01/25/94-03/25/98	12	23.1	25.1	36.	16.	42.375	6.51	16.9	20.	31.	35.7
00406	PH, FIELD, STANDARD UNITS SU	01/25/94-03/25/98	12	7.5	7.4	8.	5.5	0.52	0.721	5.95	7.	8.	8.
00406	CONVERTED PH, FIELD, STANDARD UNITS	01/25/94-03/25/98	12	7.5	6.521	8.	5.5	1.362	1.167	5.95	7.	8.	8.
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/94-03/25/98	12	0.032	0.301	3.162	0.01	0.813	0.902	0.01	0.01	0.1	2.244
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/25/94-03/25/98	12 ##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/25/94-03/25/98	12	1.	1.158	1.6	0.6	0.108	0.329	0.66	1.	1.475	1.6

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

Annual Analysis for 1997 - Station FOPU0035

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
78887	PRECIPITATION, NET MONTHLY ACCUMULATED MGD	01/25/94-03/25/98	12	3.35	4.013	8.4	1.5	3.988	1.997	1.77	2.763	5.05	7.965

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

Annual Analysis for 1998 - Station FOPU0035

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/25/94-03/25/98	3	12.	12.333	14.	11.	2.333	1.528	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/25/94-03/25/98	3	6.5	7.167	8.5	6.5	1.333	1.155	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	01/25/94-03/25/98	3	26.	26.267	28.	24.8	2.613	1.617	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	01/25/94-03/25/98	3	7.	7.	7.	7.	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	01/25/94-03/25/98	3	7.	7.	7.	7.	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/94-03/25/98	3	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/25/94-03/25/98	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/25/94-03/25/98	3	0.8	0.8	1.	0.6	0.04	0.2	**	**	**	**
78887	PRECIPITATION, NET MONTHLY ACCUMULATED MGD	01/25/94-03/25/98	3	9.65	8.117	10.3	4.4	10.466	3.235	**	**	**	**

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

Station Inventory for Station: FOPU0036

NPS Station ID: FOPU0036 | LAT/LON: 32.031781/ -80.892504 | Agency: 11NPSWRD | Date Created: 01/16/99
Location: SAVANNAH RIVER AT NORTH PIER OF FORT PULASKI NM | FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/AMBNT/ESTURY | STORET Station ID(s): FOPU_GDNR_28
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 03060109 | Depth of Water: 0 | Aquifer:
Major Basin: SOUTHEAST | Elevation: 0 | Water Body Id:
Minor Basin: SAVANNAH RIVER | ECO Region:
RF1 Index: 03060109 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 03060109002008.47 | RF3 Mile Point: 8.65 | Distance from RF3: 0.58 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE FORT PULASKI GA-SC 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE AND IS LOCATED AT THE SAVANNAH RIVER AT THE NORTH PIER OF FORT PULASKI NATIONAL MONUMENT (FOPU). SAMPLES WERE COLLECTED BY NATIONAL PARK SERVICE PERSONNEL AS PART OF A MULTI-AGENCY SAMPLING EFFORT. DATA ARE FROM THE DEPARTMENT OF NATURAL RESOURCES REPORT "RELEASE OF 7500 CURIES OF TRITIUM TO THE SAVANNAH RIVER FROM THE SAVANNAH RIVER SITE" (JAMES HARDEMAN JR.; JANUARY 1992). THE REPORT DOCUMENTS THE RESPONSE OF NUMEROUS AGENCIES TO THE RELEASE OF TRITIUM BY A NUCLEAR REACTOR AT THE SAVANNAH RIVER SITE. FOR INFORMATION ABOUT THE MONUMENT CONTACT NATURAL RESOURCES; FOPU; P.O. BOX 30757; SAVANNAH GA 31410 TEL(912)786-5787. DATA WERE PROCESSED AND UPLOADED TO STORET BY ARIA BRISSETTE; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 TEL(970)225-3516.

Parameter Inventory for Station: FOPU0036

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
04124 TRITIUM, TOTAL, WATER PCI/ML	12/31/91-01/06/92	15	6.76	8.129	19.43	1.13	29.357	5.418	1.712	4.09	10.68	18.2

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

EPA Water Quality Criteria Analysis for Station: FOPU0036

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-11/14 Obs	6/01-11/14 Exceed	6/01-11/14 Prop.	11/15-3/31 Obs	11/15-3/31 Exceed	11/15-3/31 Prop.	4/01-5/31 Obs	4/01-5/31 Exceed	4/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.

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

Station Inventory for Station: FOPU0037

NPS Station ID: FOPU0037 LAT/LON: 32.032226/ -80.899449 Agency: 21GAEPD Date Created: / /
Location: SOUTH CHANNEL SAV.R. - OLD TOWER, COCKSPUR I. FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 01027001
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 03060109 Depth of Water: 0 Aquifer:
Major Basin: SOUHTEAST Elevation: 0 Water Body Id:
Minor Basin: SAVANNAH RIVER ECO Region:
RF1 Index: 03060109026 RF1 Mile Point: 2.060 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 03060109092400.00 RF3 Mile Point: 1.54 Distance from RF3: 0.18 On/Off RF3:
Description:

Parameter Inventory for Station: FOPU0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/14/75-05/03/93	131	3.	1.771	3.	0.	1.855	1.362	0.	0.	3.	3.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/73-05/03/93	142	20.25	20.137	30.1	4.5	48.386	6.956	10.43	14.5	26.575	28.64
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/09/73-03/24/93	128	25.5	23.44	35.	2.	57.351	7.573	12.49	18.	30.	32.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/11/73-05/03/93	135	22.	32.978	304.	5.	1308.738	36.176	10.	13.	35.	68.4
00078	TRANSPARENCY, SECCHI DISC (METERS)	03/18/85-05/03/93	26	0.52	0.534	0.92	0.19	0.036	0.189	0.211	0.445	0.643	0.816
00080	COLOR (PLATINUM-COBALT UNITS)	09/11/73-05/03/93	138	10.	17.721	240.	2.5	599.332	24.481	5.	5.	20.	35.
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	12/18/73-12/27/82	98	260.	258.398	380.	80.	3266.366	57.152	193.6	211.	300.	340.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/11/73-05/03/93	132	23350.	23255.682	45500.	4000.	67139836.936	8193.89	11594.	18000.	28830.	32270.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/11/73-05/03/93	141	22000.	21806.865	43000.	24.	63373278.189	7960.734	10240.	16575.	27300.	30640.
00300	OXYGEN, DISSOLVED MG/L	09/11/73-05/03/93	134	6.65	6.685	10.8	2.5	2.93	1.712	4.7	5.1	8.	9.2
00310	BOD, 5 DAY, 20 DEG C MG/L	09/11/73-05/03/93	133	1.2	1.355	4.6	0.2	0.486	0.697	0.7	0.9	1.7	2.3
00400	PH (STANDARD UNITS)	12/18/73-05/03/93	125	7.4	7.399	8.7	6.	0.219	0.467	6.76	7.2	7.6	7.94
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-05/03/93	125	7.4	7.127	8.7	6.	0.293	0.541	6.76	7.2	7.6	7.94
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-05/03/93	125	0.04	0.075	1.	0.002	0.015	0.122	0.012	0.025	0.063	0.175
00403	PH, LAB, STANDARD UNITS SU	09/11/73-05/03/93	139	7.5	7.512	8.2	6.7	0.063	0.251	7.1	7.4	7.7	7.8
00403	CONVERTED PH, LAB, STANDARD UNITS	09/11/73-05/03/93	139	7.5	7.432	8.2	6.7	0.069	0.263	7.1	7.4	7.7	7.8
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/11/73-05/03/93	139	0.032	0.037	0.2	0.006	0.001	0.028	0.016	0.02	0.04	0.079
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/11/73-05/03/93	139	65.	63.158	111.	18.	327.366	18.093	38.	49.	76.	82.
00480	SALINITY - PARTS PER THOUSAND	05/28/74-07/23/74	3	19.	17.	19.	13.	12.	3.464	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	01/22/74-11/09/88	122	16800.	16425.443	57540.	550.	48179722.083	6941.161	8377.5	12927.5	19890.	22055.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/11/73-12/18/73	4	15485.	19802.5	35000.	13240.	106953491.667	10341.832	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/11/73-12/02/87	112	51.	73.071	329.	5.	4187.148	64.708	14.	26.25	99.	156.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/11/73-05/03/93	137	0.1	0.112	0.58	0.01	0.006	0.078	0.038	0.06	0.14	0.21
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/18/85-05/03/93	29	0.4	0.536	2.1	0.05	0.214	0.463	0.1	0.2	0.8	1.2
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/11/73-05/03/93	139	0.12	0.149	1.57	0.01	0.027	0.163	0.01	0.06	0.2	0.3
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/11/73-05/03/93	137	0.11	0.14	0.64	0.02	0.012	0.11	0.049	0.075	0.165	0.276
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	03/18/85-03/12/86	5	0.04	0.03	0.05	0.01	0.	0.019	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/11/73-06/18/85	95	6.	7.056	35.	0.5	22.348	4.727	3.8	5.	7.5	12.8
00927	MAGNESIUM, TOTAL (MG/L AS MG)	09/16/70-09/16/70	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/11/73-09/02/87	116	8200.	8089.853	18600.	250.	10658571.778	3264.747	4205.	6225.	9981.25	11390.
00945	SULFATE, TOTAL (MG/L AS SO4)	03/18/85-12/12/85	4	1359.5	1373.5	1575.	1200.	31692.333	178.023	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	06/18/85-09/02/87	2 ##	52.5	52.5	100.	5.	4512.5	67.175	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	09/02/87-09/02/87	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	06/12/85-08/13/87	8	2.25	2.781	6.9	0.25	4.346	2.085	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	06/18/85-09/02/87	2 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/02/87-09/02/87	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/02/87-09/02/87	1	21.	21.	21.	21.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	06/18/85-09/02/87	2 ##	160.	160.	270.	50.	24200.	155.563	**	**	**	**

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

Parameter Inventory for Station: FOPU0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01042	COPPER, TOTAL (UG/L AS CU)	06/18/85-09/02/87	2 ##	150.	150.	250.	50.	20000.	141.421	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/02/87-09/02/87	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	06/18/85-09/02/87	2 ##	175.	175.	250.	100.	11250.	106.066	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/02/87-09/02/87	1	9.3	9.3	9.3	9.3	0.	0.	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	09/02/87-09/02/87	1	4.1	4.1	4.1	4.1	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/02/87-09/02/87	1	4.2	4.2	4.2	4.2	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	06/18/85-09/02/87	2 ##	75.	75.	100.	50.	1250.	35.355	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	09/02/87-09/02/87	1	33.	33.	33.	33.	0.	0.	**	**	**	**
01103	TIN IN BOTTOM DEPOSITS (MG/KG AS SN DRY WGT)	09/02/87-09/02/87	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/11/73-12/02/87	109	540.	2883.183	43000.	17.	40293085.281	6347.683	79.	220.	2350.	4300.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/11/73-12/02/87	109	2.732	2.844	4.633	1.23	0.555	0.745	1.898	2.342	3.371	3.633
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			698.047								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	131	110.	620.489	9300.	5.	1706182.129	1306.209	17.	33.	750.	1600.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	131	2.041	2.16	3.968	0.699	0.601	0.775	1.23	1.519	2.875	3.204
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			144.518								
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	03/18/85-12/02/87	12	13.15	14.408	29.7	2.3	64.784	8.049	3.89	7.875	21.075	28.26
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	06/18/85-09/02/87	2 ##	0.163	0.163	0.3	0.025	0.038	0.194	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	09/02/87-09/02/87	1 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
39359	DDT SUM ANALOGS IN SEDIMENT UG/KG DRY WEIGHT	09/02/87-09/02/87	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	06/18/85-09/02/87	2 ##	0.018	0.018	0.025	0.01	0.	0.011	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/02/87-09/02/87	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39364	DDD IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	06/12/85-08/13/87	8 ##	10.	9.438	15.	3.5	28.46	5.335	**	**	**	**
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	06/18/85-09/02/87	2 ##	0.01	0.01	0.015	0.005	0.	0.007	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/02/87-09/02/87	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39369	DDE IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	06/12/85-08/13/87	8 ##	5.	6.25	10.	5.	5.357	2.315	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	06/18/85-09/02/87	2 ##	0.03	0.03	0.05	0.01	0.001	0.028	**	**	**	**
39374	DDT IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	06/12/85-08/13/87	8 ##	10.	11.875	15.	10.	6.696	2.588	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	06/18/85-09/02/87	2 ##	0.018	0.018	0.025	0.01	0.	0.011	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/02/87-09/02/87	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	06/18/85-09/02/87	2 ##	0.1	0.1	0.15	0.05	0.005	0.071	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	09/02/87-09/02/87	1 ##	6.	6.	6.	6.	0.	0.	**	**	**	**
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	06/18/85-09/02/87	2 ##	0.325	0.325	0.5	0.15	0.061	0.247	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/02/87-09/02/87	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39520	PCBS IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	06/12/85-08/13/87	8 ##	75.	134.375	250.	50.	9274.554	96.304	**	**	**	**
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	06/18/85-09/02/87	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	06/12/85-08/13/87	8 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39811	CHLORDANE,GAMMA,IN BOTTOM DEPOS(UG/KG DRY SOLIDS)	09/02/87-09/02/87	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	06/18/85-09/02/87	2 ##	0.3	0.3	0.5	0.1	0.08	0.283	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/02/87-09/02/87	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	06/12/85-08/13/87	8 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
71938	ZINC,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	06/12/85-08/13/87	8	27.5	127.875	400.	10.	24707.268	157.185	**	**	**	**
81633	LEAD IN SHELLFISH TISSUE DRY WEIGHT MG/KG	06/12/85-08/13/87	8 ##	1.25	1.156	1.25	1.	0.017	0.129	**	**	**	**
81634	CADMIUM IN SHELLFISH TISSUE DRY WEIGHT MG/KG	06/12/85-08/13/87	8 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
81636	COPPER IN SHELLFISH TISSUE DRY WEIGHT MG/KG	06/12/85-08/13/87	8	15.5	17.9	42.	9.2	104.48	10.222	**	**	**	**
81717	ENDRIN IN SHELLFISH TISSUE DRY WEIGHT UG/KG	06/12/85-08/13/87	8 ##	10.	7.563	10.	3.5	11.317	3.364	**	**	**	**
81721	METHOXYCHLOR IN SHELLFISH TISSUE DRY WEIGHT UG/KG	06/12/85-08/13/87	8 ##	25.	29.375	50.	20.	167.411	12.939	**	**	**	**
81741	MANGANESE IN FISH TISSUE WET WEIGHT MG/KG	05/19/86-08/13/87	6	3.7	5.85	19.	0.5	44.971	6.706	**	**	**	**
81796	CHROMIUM IN SHELLFISH TISSUE, DRY WEIGHT MG/KG	06/12/85-08/13/87	8 ##	0.5	1.288	6.3	0.5	4.133	2.033	**	**	**	**
81811	NICKEL IN SHELLFISH TISSUE WET WEIGHT MG/KG	05/19/86-08/13/87	6 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
81863	CHLORDANE IN SHELLFISH TISSUE WET WEIGHT UG/KG	06/12/85-08/13/87	8 ##	100.	231.25	500.	25.	50491.071	224.702	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: FOPU0037

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-11/14 Obs	6/01-11/14 Exceed	6/01-11/14 Prop.	11/15-3/31 Obs	11/15-3/31 Exceed	11/15-3/31 Prop.	4/01-5/31 Obs	4/01-5/31 Exceed	4/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	135	26	0.19	67	10	0.15	49	12	0.24	19	4	0.21			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	134	5	0.04	67	5	0.07	49	0	0.00	18	0	0.00			
00400	PH	Fresh Chronic	9.	125	0	0.00	61	0	0.00	47	0	0.00	17	0	0.00			
		Other-Lo Lim.	6.5	125	8	0.06	61	4	0.07	47	2	0.04	17	2	0.12			

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

EPA Water Quality Criteria Analysis for Station: FOPU0037

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-11/14 Obs	6/01-11/14 Exceed	6/01-11/14 Prop.	11/15-3/31 Obs	11/15-3/31 Exceed	11/15-3/31 Prop.	4/01-5/31 Obs	4/01-5/31 Exceed	4/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	139	0	0.00	70	0	0.00	50	0	0.00	19	0	0.00			
		Other-Lo Lim.	6.5	139	0	0.00	70	0	0.00	50	0	0.00	19	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	139	0	0.00	70	0	0.00	51	0	0.00	18	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	116	115	0.99	60	60	1.00	38	37	0.97	18	18	1.00			
		Drinking Water	250.	116	116	1.00	60	60	1.00	38	38	1.00	18	18	1.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	4	4	1.00	2	2	1.00	2	2	1.00						
01002	ARSENIC, TOTAL	Fresh Acute	360.	2	0	0.00	2	0	0.00									
		Drinking Water	50.	1 &	0	0.00	1	0	0.00									
01027	CADMIUM, TOTAL	Fresh Acute	3.9	0 &	0	0.00												
		Drinking Water	5.	0 &	0	0.00												
01034	CHROMIUM, TOTAL	Drinking Water	100.	2	1	0.50	2	1	0.50									
01042	COPPER, TOTAL	Fresh Acute	18.	0 &	0	0.00												
		Drinking Water	1300.	2	0	0.00	2	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	0 &	0	0.00												
		Drinking Water	15.	0 &	0	0.00												
01092	ZINC, TOTAL	Fresh Acute	120.	2	0	0.00	2	0	0.00									
		Drinking Water	5000.	2	0	0.00	2	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	109	43	0.39	53	17	0.32	39	18	0.46	17	8	0.47			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	131	58	0.44	64	26	0.41	48	23	0.48	19	9	0.47			
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	2	0	0.00	2	0	0.00									
		Drinking Water	2.	2	0	0.00	2	0	0.00									
39360	DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	2	0	0.00	2	0	0.00									
39365	DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	2	0	0.00	2	0	0.00									
39370	DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	2	0	0.00	2	0	0.00									
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	2	0	0.00	2	0	0.00									
		Drinking Water	2.	2	0	0.00	2	0	0.00									
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	2	0	0.00	2	0	0.00									
39782	LINDANE IN WHOLE WATER SAMPLE	Fresh Acute	2.	2	0	0.00	2	0	0.00									
		Drinking Water	0.2	2	0	0.00	2	0	0.00									
71900	MERCURY, TOTAL	Fresh Acute	2.4	2	0	0.00	2	0	0.00									
		Drinking Water	2.	2	0	0.00	2	0	0.00									

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

Annual Analysis for 1973 - Station FOPU0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/73-05/03/93	4	21.3	20.65	29.5	10.5	76.737	8.76	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/09/73-03/24/93	3	18.	18.333	28.	9.	90.333	9.504	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/11/73-05/03/93	4	17.5	19.5	35.	8.	140.333	11.846	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/11/73-05/03/93	4	7.5	7.5	10.	5.	8.333	2.887	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	12/18/73-12/27/82	1	330.	330.	330.	330.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/11/73-05/03/93	4	24100.	25850.	45500.	9700.	224096666.667	14969.859	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/11/73-05/03/93	4	25000.	26625.	37000.	19500.	54562500.	7386.643	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/11/73-05/03/93	3	5.6	6.367	9.7	3.8	9.143	3.024	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/11/73-05/03/93	4	0.95	0.925	1.2	0.6	0.063	0.25	**	**	**	**
00400	PH (STANDARD UNITS)	12/18/73-05/03/93	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-05/03/93	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-05/03/93	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/11/73-05/03/93	4	7.55	7.65	8.2	7.3	0.15	0.387	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/11/73-05/03/93	4	7.547	7.548	8.2	7.3	0.164	0.405	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/11/73-05/03/93	4	0.028	0.028	0.05	0.006	0.	0.018	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/11/73-05/03/93	4	58.	69.75	111.	52.	766.917	27.693	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/11/73-12/02/87	3	45.	51.	92.	16.	1471.	38.354	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/11/73-05/03/93	4	0.02	0.075	0.25	0.01	0.014	0.117	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/11/73-05/03/93	4	0.12	0.103	0.16	0.01	0.004	0.065	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/11/73-05/03/93	4	0.08	0.08	0.13	0.03	0.002	0.044	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/11/73-06/18/85	4	4.5	4.25	5.	3.	0.917	0.957	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/11/73-09/02/87	4	8550.	9962.5	18500.	4250.	38318958.333	6190.231	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/11/73-12/02/87	4	1615.	1920.	4300.	150.	3307266.667	1818.589	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/11/73-12/02/87	4	3.165	3.035	3.633	2.176	0.402	0.634	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1083.784								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	4	930.	1549.	4300.	36.	3541164.	1881.798	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	4	2.968	2.782	3.633	1.556	0.766	0.875	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			604.901								

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

Annual Analysis for 1974 - Station FOPU0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/73-05/03/93	13	22.	21.346	28.	10.5	37.308	6.108	11.7	16.25	27.5	28.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/09/73-03/24/93	13	25.	22.885	31.	7.	67.881	8.239	8.	17.5	30.5	31.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/11/73-05/03/93	13	19.	27.	80.	11.	423.5	20.579	11.	12.5	31.	71.2
00080	COLOR (PLATINUM-COBALT UNITS)	09/11/73-05/03/93	13	5.	5.769	20.	2.5	22.276	4.72	2.5	2.5	5.	16.
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	12/18/73-12/27/82	11	300.	290.	360.	210.	2080.	45.607	216.	240.	320.	356.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/11/73-05/03/93	9	27000.	25851.111	30000.	21000.	13602286.111	3688.128	21000.	21500.	28915.	30000.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/11/73-05/03/93	13	20500.	20676.923	28000.	6000.	34770256.41	5896.631	10080.	17550.	25000.	28000.
00300	OXYGEN, DISSOLVED MG/L	09/11/73-05/03/93	13	6.6	6.254	9.5	2.5	3.463	1.861	3.26	4.95	7.45	9.02
00310	BOD, 5 DAY, 20 DEG C MG/L	09/11/73-05/03/93	13	1.1	1.023	1.3	0.4	0.105	0.324	0.4	0.85	1.3	1.3
00400	PH (STANDARD UNITS)	12/18/73-05/03/93	10	6.65	6.69	7.2	6.	0.17	0.412	6.03	6.375	7.125	7.2
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-05/03/93	10	6.625	6.52	7.2	6.	0.202	0.45	6.03	6.375	7.125	7.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-05/03/93	10	0.237	0.302	1.	0.063	0.084	0.289	0.063	0.075	0.424	0.95
00403	PH, LAB, STANDARD UNITS SU	09/11/73-05/03/93	13	7.1	7.185	7.6	6.7	0.088	0.297	6.74	6.95	7.45	7.56
00403	CONVERTED PH, LAB, STANDARD UNITS	09/11/73-05/03/93	13	7.1	7.093	7.6	6.7	0.097	0.312	6.74	6.95	7.45	7.56
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/11/73-05/03/93	13	0.079	0.081	0.2	0.025	0.003	0.055	0.028	0.036	0.113	0.183
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/11/73-05/03/93	13	53.	51.308	71.	18.	249.397	15.792	24.	40.	65.	71.
00500	RESIDUE, TOTAL (MG/L)	01/22/74-11/09/88	13	15800.	15094.462	19950.	3628.	21259698.769	4610.824	6616.8	12235.	19260.	19750.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/11/73-12/02/87	13	37.	48.077	111.	9.	1156.41	34.006	11.	18.	77.5	104.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/11/73-05/03/93	13	0.08	0.078	0.15	0.01	0.002	0.042	0.01	0.05	0.1	0.146
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/11/73-05/03/93	13	0.14	0.162	0.3	0.03	0.005	0.07	0.066	0.12	0.205	0.284
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/11/73-05/03/93	13	0.1	0.102	0.2	0.03	0.003	0.055	0.03	0.05	0.145	0.188
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/11/73-06/18/85	12	5.	5.333	8.	4.	1.879	1.371	4.	4.	6.75	7.7
00940	CHLORIDE,TOTAL IN WATER MG/L	09/11/73-09/02/87	13	8200.	7638.462	10200.	1900.	5244230.769	2290.029	3460.	6350.	9750.	10080.

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

Annual Analysis for 1974 - Station FOPU0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/11/73-12/02/87	11	4300.	11463.636	43000.	2300.	176306545.455	13278.048	2300.	2300.	23000.	39000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/11/73-12/02/87	11	3.633	3.807	4.633	3.362	0.232	0.481	3.362	3.362	4.362	4.579
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			6416.57								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	11	2300.	2390.	7500.	430.	3948160.	1986.998	530.	930.	2300.	6860.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	11	3.362	3.262	3.875	2.633	0.114	0.337	2.7	2.968	3.362	3.827
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1826.592								

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

Annual Analysis for 1975 - Station FOPU0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/14/75-05/03/93	12	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/73-05/03/93	12	21.5	20.25	28.5	11.5	36.75	6.062	11.5	14.75	25.25	28.05
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/09/73-03/24/93	10	26.	24.	32.	8.	54.389	7.375	8.75	20.	28.75	31.9
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/11/73-05/03/93	12	21.	27.5	84.	7.	482.091	21.957	8.5	13.5	35.75	75.
00080	COLOR (PLATINUM-COBALT UNITS)	09/11/73-05/03/93	12	12.5	16.917	50.	2.5	244.765	15.645	2.5	5.75	22.5	48.5
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	12/18/73-12/27/82	12	235.	260.	360.	200.	3690.909	60.753	200.	202.5	320.	354.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/11/73-05/03/93	12	19000.	18458.333	30000.	7500.	36884469.697	6073.259	8850.	14250.	23250.	28200.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/11/73-05/03/93	12	17700.	16966.667	27000.	6600.	33256969.697	5766.886	7530.	12925.	20950.	25860.
00300	OXYGEN, DISSOLVED MG/L	09/11/73-05/03/93	10	5.75	6.24	9.2	4.5	2.514	1.585	4.53	4.95	7.625	9.11
00310	BOD, 5 DAY, 20 DEG C MG/L	09/11/73-05/03/93	12	0.95	0.95	1.6	0.3	0.123	0.35	0.36	0.8	1.175	1.51
00400	PH (STANDARD UNITS)	12/18/73-05/03/93	12	7.45	7.5	8.3	7.2	0.098	0.313	7.2	7.225	7.6	8.15
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-05/03/93	12	7.447	7.423	8.3	7.2	0.105	0.324	7.2	7.225	7.6	8.15
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-05/03/93	12	0.036	0.038	0.063	0.005	0.	0.019	0.008	0.025	0.06	0.063
00403	PH, LAB, STANDARD UNITS SU	09/11/73-05/03/93	12	7.3	7.325	7.7	7.	0.044	0.209	7.03	7.125	7.475	7.67
00403	CONVERTED PH, LAB, STANDARD UNITS	09/11/73-05/03/93	12	7.3	7.281	7.7	7.	0.046	0.214	7.03	7.125	7.475	7.67
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/11/73-05/03/93	12	0.05	0.052	0.1	0.02	0.001	0.024	0.022	0.034	0.075	0.094
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/11/73-05/03/93	12	48.	45.417	68.	19.	203.538	14.267	21.4	34.	56.5	65.
00500	RESIDUE, TOTAL (MG/L)	01/22/74-11/09/88	12	12715.	11806.333	19700.	4414.	18728188.97	4327.608	5022.4	8537.5	14350.	18800.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/11/73-12/02/87	12	35.5	49.167	155.	7.	2061.061	45.399	9.7	19.	57.	146.3
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/11/73-05/03/93	12	0.12	0.143	0.37	0.04	0.011	0.107	0.043	0.053	0.228	0.346
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/11/73-05/03/93	12	0.095	0.118	0.21	0.06	0.003	0.052	0.066	0.08	0.158	0.21
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/11/73-05/03/93	12	0.085	0.106	0.26	0.05	0.004	0.066	0.05	0.055	0.125	0.245
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/11/73-06/18/85	12	6.	10.25	35.	4.	93.477	9.668	4.	5.	16.75	30.5
00940	CHLORIDE,TOTAL IN WATER MG/L	09/11/73-09/02/87	12	6250.	5875.	10100.	2100.	4823863.636	2196.33	2400.	4325.	7300.	9440.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/11/73-12/02/87	7	4300.	9090.	23000.	430.	92291366.667	9606.84	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/11/73-12/02/87	7	3.633	3.699	4.362	2.633	0.338	0.582	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			4996.725								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	12	680.	1842.667	9300.	91.	7798310.606	2792.546	91.	170.	3457.5	7800.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	12	2.801	2.822	3.968	1.959	0.444	0.666	1.959	2.223	3.467	3.868
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			663.706								

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

Annual Analysis for 1976 - Station FOPU0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/14/75-05/03/93	10	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/73-05/03/93	12	17.75	18.5	28.	9.	46.591	6.826	9.45	11.875	25.125	28.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/09/73-03/24/93	12	20.5	21.75	32.	15.	37.477	6.122	15.3	16.	27.75	31.4
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/11/73-05/03/93	12	23.5	25.833	64.	10.	235.242	15.338	10.6	13.	34.	56.5
00080	COLOR (PLATINUM-COBALT UNITS)	09/11/73-05/03/93	12	10.	12.5	30.	2.5	82.955	9.108	2.5	5.	20.	27.
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	12/18/73-12/27/82	8	230.	213.75	290.	100.	5541.071	74.438	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/11/73-05/03/93	12	16000.	16833.333	25000.	10000.	22333333.333	4725.816	10000.	14000.	21000.	24100.

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Annual Analysis for 1976 - Station FOPU0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/11/73-05/03/93	12	15650.	15169.167	21800.	7800.	19089117.424	4369.109	8298.	12005.	18675.	21587.
00300	OXYGEN, DISSOLVED MG/L	09/11/73-05/03/93	11	8.	7.3	9.2	3.7	2.64	1.625	4.12	6.3	8.6	9.1
00310	BOD, 5 DAY, 20 DEG C MG/L	09/11/73-05/03/93	11	1.	1.045	1.8	0.8	0.079	0.281	0.8	0.9	1.1	1.68
00400	PH (STANDARD UNITS)	12/18/73-05/03/93	9	7.4	7.3	7.5	6.8	0.06	0.245	6.8	7.15	7.5	7.5
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-05/03/93	9	7.4	7.23	7.5	6.8	0.066	0.256	6.8	7.15	7.5	7.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-05/03/93	9	0.04	0.059	0.158	0.032	0.002	0.041	0.032	0.032	0.071	0.158
00403	PH, LAB, STANDARD UNITS SU	09/11/73-05/03/93	12	7.4	7.4	7.8	7.1	0.038	0.195	7.13	7.225	7.55	7.74
00403	CONVERTED PH, LAB, STANDARD UNITS	09/11/73-05/03/93	12	7.4	7.362	7.8	7.1	0.04	0.199	7.13	7.225	7.55	7.74
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/11/73-05/03/93	12	0.04	0.043	0.079	0.016	0.	0.018	0.019	0.029	0.06	0.075
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/11/73-05/03/93	12	47.5	49.667	69.	33.	110.242	10.5	35.1	42.25	60.25	66.9
00500	RESIDUE, TOTAL (MG/L)	01/22/74-11/09/88	12	11940.	12562.75	33510.	550.	58679311.841	7660.242	2841.4	9069.25	13937.5	28128.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/11/73-12/02/87	12	51.	51.083	124.	8.	1283.72	35.829	8.3	19.75	71.75	116.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/11/73-05/03/93	12	0.12	0.122	0.21	0.04	0.003	0.055	0.046	0.073	0.165	0.207
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/11/73-05/03/93	12	0.095	0.102	0.34	0.02	0.007	0.083	0.026	0.045	0.12	0.274
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/11/73-05/03/93	12	0.11	0.114	0.2	0.04	0.003	0.052	0.04	0.073	0.163	0.194
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/11/73-06/18/85	12	6.5	7.75	16.	5.	10.932	3.306	5.	5.25	8.75	14.8
00940	CHLORIDE,TOTAL IN WATER MG/L	09/11/73-09/02/87	12	6450.	6279.167	8400.	4100.	2191571.97	1480.396	4190.	4750.	7612.5	8310.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/11/73-12/02/87	11	4300.	4330.	9300.	930.	8743700.	2956.975	1044.	2300.	6800.	9300.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/11/73-12/02/87	11	3.633	3.536	3.968	2.968	0.103	0.321	3.01	3.362	3.833	3.968
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			3438.197								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	11	230.	494.727	1900.	91.	290385.618	538.874	91.	150.	750.	1706.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	11	2.362	2.503	3.279	1.959	0.176	0.42	1.959	2.176	2.875	3.217
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			318.159								

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

Annual Analysis for 1977 - Station FOPU0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/14/75-05/03/93	12	3.	3.	3.	3.	0.	0.	3.	3.	3.	3.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/73-05/03/93	12	22.25	20.292	29.5	4.5	64.112	8.007	5.7	15.25	26.875	29.35
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/09/73-03/24/93	12	28.5	25.667	35.	2.	88.606	9.413	6.2	19.75	32.	34.4
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/11/73-05/03/93	12	20.	51.917	304.	10.	7400.083	86.024	10.9	13.5	30.25	252.4
00080	COLOR (PLATINUM-COBALT UNITS)	09/11/73-05/03/93	12	12.5	17.292	45.	2.5	158.475	12.589	3.25	10.	28.75	40.5
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	12/18/73-12/27/82	12	247.5	245.833	300.	180.	1812.879	42.578	183.	212.5	288.75	300.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/11/73-05/03/93	11	23000.	21609.091	30000.	7200.	46310909.091	6805.212	8160.	19000.	26000.	29700.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/11/73-05/03/93	12	20670.	20139.167	29410.	5000.	56902771.97	7543.393	7070.	13915.	27565.	29347.
00300	OXYGEN, DISSOLVED MG/L	09/11/73-05/03/93	11	6.	6.391	9.4	4.8	2.129	1.459	4.82	5.4	7.3	9.18
00310	BOD, 5 DAY, 20 DEG C MG/L	09/11/73-05/03/93	10	1.2	1.43	2.7	0.2	0.662	0.814	0.26	0.875	2.225	2.69
00400	PH (STANDARD UNITS)	12/18/73-05/03/93	12	7.5	7.608	8.	7.2	0.066	0.257	7.26	7.425	7.875	8.
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-05/03/93	12	7.5	7.544	8.	7.2	0.071	0.266	7.26	7.425	7.875	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-05/03/93	12	0.032	0.029	0.063	0.01	0.	0.015	0.01	0.013	0.038	0.056
00403	PH, LAB, STANDARD UNITS SU	09/11/73-05/03/93	12	7.75	7.692	7.9	7.2	0.035	0.188	7.29	7.625	7.8	7.87
00403	CONVERTED PH, LAB, STANDARD UNITS	09/11/73-05/03/93	12	7.747	7.645	7.9	7.2	0.038	0.194	7.29	7.625	7.8	7.87
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/11/73-05/03/93	12	0.018	0.023	0.063	0.013	0.	0.014	0.014	0.016	0.024	0.054
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/11/73-05/03/93	12	63.	62.5	95.	31.	300.636	17.339	34.6	50.	75.	90.8
00500	RESIDUE, TOTAL (MG/L)	01/22/74-11/09/88	12	15410.	14780.75	22020.	4320.	29294837.659	5412.471	5530.5	10040.5	18575.	21810.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/11/73-12/02/87	12	58.	82.833	329.	10.	8650.152	93.006	10.3	13.	118.25	284.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/11/73-05/03/93	11	0.1	0.105	0.2	0.03	0.003	0.053	0.036	0.06	0.14	0.196
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/11/73-05/03/93	12	0.155	0.149	0.34	0.02	0.008	0.087	0.032	0.083	0.198	0.304
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/11/73-05/03/93	12	0.12	0.183	0.51	0.06	0.025	0.158	0.06	0.093	0.185	0.51
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/11/73-06/18/85	12	6.	7.042	16.	3.	15.839	3.98	3.	5.	7.375	15.4
00940	CHLORIDE,TOTAL IN WATER MG/L	09/11/73-09/02/87	12	7300.	7022.083	11000.	2090.	6500374.811	2549.583	2813.	4875.	8956.25	10677.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/11/73-12/02/87	8	1800.	4098.75	23000.	230.	59037812.5	7683.607	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/11/73-12/02/87	8	3.238	3.191	4.362	2.362	0.359	0.599	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1550.839								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	10	460.	492.6	930.	36.	136672.044	369.692	41.4	105.	930.	930.

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Annual Analysis for 1977 - Station FOPU0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	10	2.662	2.502	2.968	1.556	0.252	0.502	1.596	2.02	2.968	2.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			317.529								

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

Annual Analysis for 1978 - Station FOPU0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/14/75-05/03/93	11	3.	3.	3.	3.	0.	0.	3.	3.	3.	3.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/73-05/03/93	11	20.5	18.864	30.	5.	73.355	8.565	5.5	8.	26.	29.3
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/09/73-03/24/93	11	27.	24.318	34.	5.	84.264	9.18	6.	19.	30.	33.5
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/11/73-05/03/93	11	27.	44.273	152.	11.	1894.018	43.52	11.2	12.	76.	138.4
00080	COLOR (PLATINUM-COBALT UNITS)	09/11/73-05/03/93	11	20.	43.182	240.	15.	4316.364	65.699	15.	20.	30.	200.
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	12/18/73-12/27/82	11	260.	257.273	340.	180.	2521.818	50.218	184.	210.	310.	334.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/11/73-05/03/93	10	24500.	22910.	29000.	8100.	39325444.444	6271.	9190.	19750.	28250.	29000.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/11/73-05/03/93	11	26500.	24197.273	33500.	7760.	63810401.818	7988.141	9388.	18370.	32000.	33400.
00300	OXYGEN, DISSOLVED MG/L	09/11/73-05/03/93	10	6.4	6.94	10.8	4.7	5.232	2.287	4.71	4.875	9.35	10.7
00310	BOD, 5 DAY, 20 DEG C MG/L	09/11/73-05/03/93	11	1.6	1.818	3.3	1.2	0.448	0.669	1.2	1.3	2.4	3.14
00400	PH (STANDARD UNITS)	12/18/73-05/03/93	10	7.5	7.48	8.	7.	0.088	0.297	7.02	7.2	7.65	7.98
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-05/03/93	10	7.5	7.392	8.	7.	0.097	0.311	7.02	7.2	7.65	7.98
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-05/03/93	10	0.032	0.041	0.1	0.01	0.001	0.027	0.011	0.023	0.063	0.096
00403	PH, LAB, STANDARD UNITS SU	09/11/73-05/03/93	11	7.7	7.618	7.9	7.3	0.038	0.194	7.32	7.4	7.8	7.88
00403	CONVERTED PH, LAB, STANDARD UNITS	09/11/73-05/03/93	11	7.7	7.578	7.9	7.3	0.039	0.199	7.32	7.4	7.8	7.88
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/11/73-05/03/93	11	0.02	0.026	0.05	0.013	0.	0.012	0.013	0.016	0.04	0.048
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/11/73-05/03/93	11	72.	68.818	92.	30.	276.964	16.642	35.4	59.	78.	91.
00500	RESIDUE, TOTAL (MG/L)	01/22/74-11/09/88	11	19550.	20837.273	57540.	4890.	176904821.818	13300.557	6394.	13500.	22070.	50890.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/11/73-12/02/87	11	76.	105.364	281.	14.	8087.055	89.928	15.	36.	206.	267.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/11/73-05/03/93	11	0.1	0.093	0.18	0.01	0.003	0.05	0.014	0.04	0.12	0.172
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/11/73-05/03/93	11	0.22	0.224	0.43	0.08	0.011	0.106	0.088	0.14	0.26	0.418
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/11/73-05/03/93	10	0.125	0.202	0.64	0.03	0.034	0.184	0.035	0.087	0.278	0.615
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/11/73-06/18/85	11	8.	8.5	19.	0.5	26.65	5.162	1.4	5.	12.	18.2
00940	CHLORIDE,TOTAL IN WATER MG/L	09/11/73-09/02/87	11	9000.	8251.818	10600.	250.	9527936.364	3086.736	1440.	6500.	10400.	10580.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/11/73-12/02/87	11	540.	991.818	2400.	240.	865996.364	930.589	240.	280.	2400.	2400.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/11/73-12/02/87	11	2.732	2.821	3.38	2.38	0.165	0.407	2.38	2.447	3.38	3.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			662.1								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	11	350.	428.091	1600.	70.	178846.091	422.902	71.8	170.	540.	1388.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	11	2.544	2.477	3.204	1.845	0.152	0.39	1.856	2.23	2.732	3.11
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			299.965								

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

Annual Analysis for 1979 - Station FOPU0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/14/75-05/03/93	12	3.	3.	3.	3.	0.	0.	3.	3.	3.	3.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/73-05/03/93	12	20.	19.333	29.	8.5	52.106	7.218	8.8	12.625	26.	28.1
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/09/73-03/24/93	12	22.	23.625	34.	14.	57.597	7.589	14.	15.75	31.	33.4
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/11/73-05/03/93	10	20.5	31.1	66.	9.	514.989	22.693	9.1	13.	60.5	65.6
00080	COLOR (PLATINUM-COBALT UNITS)	09/11/73-05/03/93	10	17.5	17.5	35.	5.	90.278	9.501	5.5	10.	22.5	34.5
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	12/18/73-12/27/82	10	285.	280.	330.	210.	1111.111	33.333	214.	265.	302.5	328.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/11/73-05/03/93	12	19000.	18866.667	30000.	6400.	43776969.697	6616.417	7180.	16000.	22750.	28800.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/11/73-05/03/93	11	19000.	17750.	26000.	6000.	36651500.	6054.048	6800.	15200.	23500.	25700.
00300	OXYGEN, DISSOLVED MG/L	09/11/73-05/03/93	12	6.9	6.783	9.7	3.8	3.087	1.757	4.1	5.325	7.8	9.61
00310	BOD, 5 DAY, 20 DEG C MG/L	09/11/73-05/03/93	11	1.	1.127	2.4	0.5	0.464	0.681	0.5	0.6	1.4	2.4
00400	PH (STANDARD UNITS)	12/18/73-05/03/93	10	7.7	7.78	8.7	7.2	0.222	0.471	7.2	7.425	8.075	8.66

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Annual Analysis for 1979 - Station FOPU0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-05/03/93	10	7.689	7.596	8.7	7.2	0.259	0.509	7.2	7.425	8.075	8.66
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-05/03/93	10	0.02	0.025	0.063	0.002	0.	0.022	0.002	0.009	0.039	0.063
00403	PH, LAB, STANDARD UNITS SU	09/11/73-05/03/93	11	7.5	7.555	7.9	7.	0.061	0.246	7.08	7.5	7.7	7.9
00403	CONVERTED PH, LAB, STANDARD UNITS	09/11/73-05/03/93	11	7.5	7.483	7.9	7.	0.066	0.258	7.08	7.5	7.7	7.9
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/11/73-05/03/93	11	0.032	0.033	0.1	0.013	0.001	0.024	0.013	0.02	0.032	0.088
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/11/73-05/03/93	11	66.	62.636	80.	37.	194.455	13.945	38.	52.	74.	78.8
00500	RESIDUE, TOTAL (MG/L)	01/22/74-11/09/88	11	14500.	14170.	21130.	3968.	27660312.8	5259.307	4524.8	11410.	18900.	20814.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/11/73-12/02/87	12	43.	61.167	156.	5.	2506.879	50.069	9.8	24.5	96.	153.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/11/73-05/03/93	11	0.11	0.11	0.16	0.06	0.001	0.034	0.062	0.08	0.14	0.158
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/11/73-05/03/93	11	0.21	0.221	0.56	0.01	0.026	0.162	0.016	0.07	0.33	0.514
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/11/73-05/03/93	11	0.09	0.119	0.3	0.02	0.007	0.083	0.024	0.07	0.2	0.28
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/11/73-06/18/85	10	5.05	5.81	9.5	4.	2.994	1.73	4.	4.75	7.125	9.3
00940	CHLORIDE,TOTAL IN WATER MG/L	09/11/73-09/02/87	12	7022.5	6653.75	9400.	2100.	5474850.568	2339.84	2550.	4450.	8525.	9340.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/11/73-12/02/87	11	540.	748.182	2400.	130.	481556.364	693.943	152.	240.	920.	2240.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/11/73-12/02/87	11	2.732	2.722	3.38	2.114	0.145	0.381	2.167	2.38	2.964	3.345
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			526.921								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	11	33.	166.	920.	7.	79469.8	281.904	9.	22.	350.	806.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	11	1.519	1.718	2.964	0.845	0.441	0.664	0.922	1.342	2.544	2.88
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			52.275								

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

Annual Analysis for 1980 - Station FOPU0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/14/75-05/03/93	11	3.	3.	3.	3.	0.	0.	3.	3.	3.	3.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/73-05/03/93	11	19.	19.045	30.	8.	56.923	7.545	8.	14.5	25.	29.8
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/09/73-03/24/93	11	23.	23.455	32.	13.	47.473	6.89	13.2	16.	31.	31.8
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/11/73-05/03/93	11	18.	38.545	160.	9.	2015.273	44.892	9.2	13.	52.	142.8
00080	COLOR (PLATINUM-COBALT UNITS)	09/11/73-05/03/93	11	15.	20.	60.	5.	305.	17.464	5.	5.	30.	56.
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	12/18/73-12/27/82	10	270.	274.	350.	180.	2737.778	52.324	185.	245.	312.5	350.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/11/73-05/03/93	11	20000.	19954.545	31000.	4000.	69622727.273	8344.023	5400.	14000.	29000.	30600.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/11/73-05/03/93	11	22000.	18881.818	27000.	4600.	52061636.364	7215.375	5680.	13600.	25000.	26600.
00300	OXYGEN, DISSOLVED MG/L	09/11/73-05/03/93	11	6.6	6.709	9.9	4.7	2.861	1.691	4.7	5.2	8.	9.62
00310	BOD, 5 DAY, 20 DEG C MG/L	09/11/73-05/03/93	9	0.9	0.967	1.8	0.2	0.305	0.552	0.2	0.45	1.45	1.8
00400	PH (STANDARD UNITS)	12/18/73-05/03/93	10	7.4	7.24	7.8	6.3	0.223	0.472	6.34	6.85	7.55	7.79
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-05/03/93	10	7.4	6.971	7.8	6.3	0.303	0.55	6.34	6.85	7.55	7.79
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-05/03/93	10	0.04	0.107	0.501	0.016	0.023	0.15	0.016	0.029	0.144	0.471
00403	PH, LAB, STANDARD UNITS SU	09/11/73-05/03/93	11	7.6	7.564	7.9	7.1	0.049	0.22	7.16	7.4	7.7	7.88
00403	CONVERTED PH, LAB, STANDARD UNITS	09/11/73-05/03/93	11	7.6	7.509	7.9	7.1	0.052	0.228	7.16	7.4	7.7	7.88
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/11/73-05/03/93	11	0.025	0.031	0.079	0.013	0.	0.018	0.013	0.02	0.04	0.072
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/11/73-05/03/93	11	70.	62.636	78.	34.	250.255	15.819	35.4	47.	76.	78.
00500	RESIDUE, TOTAL (MG/L)	01/22/74-11/09/88	11	16920.	13984.182	18500.	2950.	29395339.564	5421.747	3789.6	9088.	17810.	18496.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/11/73-12/02/87	11	42.	68.182	156.	20.	2470.564	49.705	20.8	29.	101.	153.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/11/73-05/03/93	11	0.11	0.113	0.22	0.02	0.003	0.055	0.028	0.08	0.14	0.212
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/11/73-05/03/93	11	0.2	0.205	0.41	0.08	0.009	0.096	0.086	0.14	0.22	0.396
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/11/73-05/03/93	11	0.11	0.152	0.49	0.04	0.017	0.129	0.044	0.07	0.17	0.444
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/11/73-06/18/85	11	6.	6.727	15.	2.5	14.018	3.744	2.6	4.	7.5	14.4
00940	CHLORIDE,TOTAL IN WATER MG/L	09/11/73-09/02/87	11	8100.	6759.091	9300.	1200.	7634409.091	2763.043	1590.	4400.	8700.	9240.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/11/73-12/02/87	11	350.	763.455	2400.	79.	844459.073	918.945	79.	110.	1600.	2400.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/11/73-12/02/87	11	2.544	2.559	3.38	1.898	0.327	0.572	1.898	2.041	3.204	3.38
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			362.656								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	11	70.	313.455	1600.	13.	253359.673	503.348	13.8	17.	350.	1464.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	11	1.845	1.981	3.204	1.114	0.531	0.728	1.137	1.23	2.544	3.156
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			95.767								

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Annual Analysis for 1981 - Station FOPU0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/14/75-05/03/93	12	3.	3.	3.	3.	0.	0.	3.	3.	3.	3.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/73-05/03/93	11	19.5	19.091	30.1	8.	61.993	7.874	8.1	13.	27.6	29.98
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/09/73-03/24/93	11	20.5	21.955	35.	8.	77.723	8.816	8.8	14.	30.	34.8
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/11/73-05/03/93	11	50.	42.636	81.	8.	721.655	26.864	8.4	17.	65.	79.2
00080	COLOR (PLATINUM-COBALT UNITS)	09/11/73-05/03/93	12	7.5	7.5	10.	5.	6.818	2.611	5.	5.	10.	10.
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	12/18/73-12/27/82	11	226.	231.909	340.	80.	4993.491	70.665	100.2	194.	292.	331.2
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/11/73-05/03/93	11	32800.	31036.364	43300.	17000.	86064545.455	9277.098	17000.	23000.	38000.	43200.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/11/73-05/03/93	12	30000.	30516.667	43000.	15200.	64030606.061	8001.913	17240.	23875.	37250.	42100.
00300	OXYGEN, DISSOLVED MG/L	09/11/73-05/03/93	12	6.75	6.808	9.8	4.7	3.175	1.782	4.73	5.075	8.225	9.71
00310	BOD, 5 DAY, 20 DEG C MG/L	09/11/73-05/03/93	12	1.4	1.4	2.3	0.6	0.238	0.488	0.69	0.95	1.8	2.15
00400	PH (STANDARD UNITS)	12/18/73-05/03/93	9	7.4	7.411	7.8	7.	0.059	0.242	7.	7.25	7.6	7.8
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-05/03/93	9	7.4	7.351	7.8	7.	0.063	0.25	7.	7.25	7.6	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-05/03/93	9	0.04	0.045	0.1	0.016	0.001	0.026	0.016	0.025	0.057	0.1
00403	PH, LAB, STANDARD UNITS SU	09/11/73-05/03/93	12	7.6	7.592	7.8	7.3	0.03	0.173	7.33	7.425	7.775	7.8
00403	CONVERTED PH, LAB, STANDARD UNITS	09/11/73-05/03/93	12	7.6	7.56	7.8	7.3	0.031	0.176	7.33	7.425	7.775	7.8
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/11/73-05/03/93	12	0.025	0.028	0.05	0.016	0.	0.011	0.016	0.017	0.038	0.047
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/11/73-05/03/93	12	81.	84.667	104.	70.	138.606	11.773	70.3	75.75	96.5	103.7
00500	RESIDUE, TOTAL (MG/L)	01/22/74-11/09/88	12	21915.	22457.5	28750.	15910.	16882529.545	4108.836	16300.	19365.	26457.5	28522.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/11/73-12/02/87	12	73.5	107.583	278.	25.	6335.538	79.596	29.5	44.25	178.5	253.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/11/73-05/03/93	11	0.08	0.088	0.17	0.02	0.002	0.043	0.024	0.06	0.12	0.16
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/11/73-05/03/93	12	0.11	0.13	0.31	0.01	0.008	0.089	0.019	0.058	0.16	0.298
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/11/73-05/03/93	12	0.14	0.191	0.36	0.06	0.014	0.118	0.063	0.093	0.33	0.357
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/11/73-06/18/85	9	5.5	5.778	11.	2.5	5.819	2.412	2.5	4.25	6.75	11.
00940	CHLORIDE,TOTAL IN WATER MG/L	09/11/73-09/02/87	12	11350.	12341.667	18600.	7900.	12886287.879	3589.748	8140.	9500.	14975.	18420.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/11/73-12/02/87	12	195.	182.917	350.	22.	16016.265	126.555	25.6	70.	322.5	350.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/11/73-12/02/87	12	2.286	2.119	2.544	1.342	0.172	0.414	1.399	1.845	2.503	2.544
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			131.503								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	12	30.	35.5	79.	7.	750.818	27.401	7.3	11.5	64.75	79.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	12	1.475	1.411	1.898	0.845	0.145	0.381	0.862	1.06	1.806	1.898
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			25.768								

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Annual Analysis for 1982 - Station FOPU0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/14/75-05/03/93	12	3.	3.	3.	3.	0.	0.	3.	3.	3.	3.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/73-05/03/93	12	22.6	21.267	28.4	8.6	44.812	6.694	10.19	14.8	27.25	28.37
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/09/73-03/24/93	12	26.75	25.5	34.5	12.	34.682	5.889	14.1	21.875	28.875	33.3
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/11/73-05/03/93	10	21.5	21.4	32.	5.	54.489	7.382	6.	19.5	26.5	31.6
00080	COLOR (PLATINUM-COBALT UNITS)	09/11/73-05/03/93	12	20.	25.417	120.	10.	915.72	30.261	10.	10.	20.	91.5
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	12/18/73-12/27/82	12	246.5	258.5	380.	194.	3463.364	58.85	196.4	212.25	298.25	369.2
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/11/73-05/03/93	12	31800.	32216.667	44500.	22500.	42190606.061	6495.43	22920.	28075.	37375.	42970.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/11/73-05/03/93	12	29000.	29250.	40000.	21000.	39477272.727	6283.094	21300.	24250.	33750.	39700.
00300	OXYGEN, DISSOLVED MG/L	09/11/73-05/03/93	12	6.55	6.642	10.	3.9	3.295	1.815	4.02	5.275	8.225	9.55
00310	BOD, 5 DAY, 20 DEG C MG/L	09/11/73-05/03/93	12	1.7	1.742	3.2	0.8	0.535	0.732	0.83	1.1	2.1	3.08
00400	PH (STANDARD UNITS)	12/18/73-05/03/93	12	7.7	7.583	8.7	6.5	0.516	0.718	6.56	6.875	8.05	8.67
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-05/03/93	12	7.689	7.134	8.7	6.5	0.737	0.858	6.56	6.875	8.05	8.67
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-05/03/93	12	0.02	0.074	0.316	0.002	0.01	0.1	0.002	0.009	0.139	0.281
00403	PH, LAB, STANDARD UNITS SU	09/11/73-05/03/93	12	7.5	7.517	7.8	7.1	0.04	0.199	7.19	7.4	7.675	7.8
00403	CONVERTED PH, LAB, STANDARD UNITS	09/11/73-05/03/93	12	7.5	7.473	7.8	7.1	0.042	0.204	7.19	7.4	7.675	7.8
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/11/73-05/03/93	12	0.032	0.034	0.079	0.016	0.	0.017	0.016	0.021	0.04	0.068
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/11/73-05/03/93	12	75.5	75.417	102.	48.	227.356	15.078	50.7	65.75	87.5	98.4
00500	RESIDUE, TOTAL (MG/L)	01/22/74-11/09/88	12	19695.	19702.5	30400.	13230.	22845384.091	4779.685	13755.	15500.	21532.5	28816.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/11/73-12/02/87	12	87.	96.667	240.	13.	4979.697	70.567	13.	46.5	131.5	229.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/11/73-05/03/93	12	0.165	0.18	0.58	0.04	0.019	0.139	0.04	0.1	0.205	0.469
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/11/73-05/03/93	12	0.155	0.149	0.25	0.01	0.005	0.072	0.025	0.093	0.21	0.244

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Annual Analysis for 1982 - Station FOPU0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/11/73-05/03/93	12	0.125	0.181	0.56	0.05	0.021	0.146	0.059	0.093	0.27	0.488
00940	CHLORIDE,TOTAL IN WATER MG/L	09/11/73-09/02/87	12	10250.	10608.333	13800.	8400.	2889924.242	1699.978	8430.	9300.	11525.	13620.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/11/73-12/02/87	12	185.	319.083	1600.	49.	181384.629	425.893	55.3	115.	322.5	1282.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/11/73-12/02/87	12	2.247	2.295	3.204	1.69	0.167	0.408	1.737	2.06	2.503	3.063
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			197.232								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	12	49.	182.833	1600.	8.	202907.97	450.453	8.3	18.	49.	1192.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	12	1.69	1.682	3.204	0.903	0.39	0.625	0.918	1.215	1.69	2.957
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			48.12								

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Annual Analysis for 1985 - Station FOPU0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/14/75-05/03/93	7	0.	0.	0.	0.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/73-05/03/93	5	27.6	22.84	29.	14.7	51.593	7.183	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/09/73-03/24/93	5	27.	25.6	30.	18.	26.3	5.128	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/11/73-05/03/93	4	21.	39.5	105.	11.	1935.	43.989	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/11/73-05/03/93	4	15.	18.75	35.	10.	139.583	11.815	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/11/73-05/03/93	4	28600.	27875.	30200.	24100.	6909166.667	2628.529	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/11/73-05/03/93	5	27600.	25860.	28700.	21000.	10308000.	3210.607	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/11/73-05/03/93	4	5.7	6.15	8.6	4.6	3.263	1.806	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/11/73-05/03/93	4	1.85	1.775	2.2	1.2	0.189	0.435	**	**	**	**
00400	PH (STANDARD UNITS)	12/18/73-05/03/93	5	7.5	7.42	7.5	7.2	0.017	0.13	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-05/03/93	5	7.5	7.403	7.5	7.2	0.017	0.132	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-05/03/93	5	0.032	0.04	0.063	0.032	0.	0.014	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/11/73-05/03/93	4	7.65	7.675	7.8	7.6	0.009	0.096	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/11/73-05/03/93	4	7.647	7.667	7.8	7.6	0.009	0.096	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/11/73-05/03/93	4	0.023	0.022	0.025	0.016	0.	0.004	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/11/73-05/03/93	4	78.	75.5	82.	64.	65.	8.062	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	01/22/74-11/09/88	4	20675.	19722.5	21680.	15860.	7287091.667	2699.461	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/11/73-05/03/93	4	0.195	0.19	0.24	0.13	0.002	0.05	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/11/73-05/03/93	4 ##	0.05	0.178	0.6	0.01	0.081	0.284	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/11/73-05/03/93	4	0.1	0.11	0.16	0.08	0.001	0.036	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/11/73-06/18/85	2	5.6	5.6	8.8	2.4	20.48	4.525	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/11/73-09/02/87	4	10625.	10376.	11780.	8474.	2036290.667	1426.987	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/11/73-12/02/87	3	240.	413.	920.	79.	199267.	446.393	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/11/73-12/02/87	3	2.38	2.414	2.964	1.898	0.285	0.534	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			259.344								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	4	81.5	275.75	920.	20.	186878.917	432.295	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	4	1.816	1.974	2.964	1.301	0.553	0.744	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			94.258								

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Annual Analysis for 1986 - Station FOPU0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/14/75-05/03/93	6	0.	0.	0.	0.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/73-05/03/93	4	21.7	21.775	28.5	15.2	44.849	6.697	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/09/73-03/24/93	4	22.15	21.7	30.	12.5	55.993	7.483	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/11/73-05/03/93	4	32.5	48.75	110.	20.	1739.583	41.708	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/11/73-05/03/93	4	10.	8.75	10.	5.	6.25	2.5	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/11/73-05/03/93	3	28400.	26466.667	29000.	22000.	15053333.333	3879.863	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/11/73-05/03/93	4	24100.	23825.	25700.	21400.	3209166.667	1791.415	**	**	**	**

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Annual Analysis for 1986 - Station FOPU0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300	OXYGEN, DISSOLVED MG/L	09/11/73-05/03/93	4	6.35	6.325	7.6	5.	1.409	1.187	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/11/73-05/03/93	4	3.35	3.25	4.6	1.7	1.457	1.207	**	**	**	**
00400	PH (STANDARD UNITS)	12/18/73-05/03/93	3	7.1	7.133	7.3	7.	0.023	0.153	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-05/03/93	3	7.1	7.116	7.3	7.	0.024	0.154	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-05/03/93	3	0.079	0.077	0.1	0.05	0.001	0.025	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/11/73-05/03/93	4	7.65	7.625	7.8	7.4	0.029	0.171	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/11/73-05/03/93	4	7.647	7.599	7.8	7.4	0.03	0.173	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/11/73-05/03/93	4	0.023	0.025	0.04	0.016	0.	0.01	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/11/73-05/03/93	4	77.5	75.25	80.	66.	39.583	6.292	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	01/22/74-11/09/88	4	19135.	18637.5	20110.	16170.	2917691.667	1708.125	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/11/73-05/03/93	4	0.09	0.138	0.31	0.06	0.014	0.118	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/11/73-05/03/93	4	0.14	0.49	1.57	0.11	0.519	0.72	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/11/73-05/03/93	4	0.235	0.225	0.36	0.07	0.015	0.121	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/11/73-12/02/87	4	125.	137.25	220.	79.	4863.583	69.739	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/11/73-12/02/87	4	2.067	2.093	2.342	1.898	0.052	0.228	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			123.993								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	4	20.	41.75	110.	17.	2072.25	45.522	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	4	1.301	1.468	2.041	1.23	0.147	0.383	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			29.409								

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Annual Analysis for 1987 - Station FOPU0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/14/75-05/03/93	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/73-05/03/93	7	27.5	23.929	29.	12.	55.032	7.418	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/09/73-03/24/93	7	27.	23.243	34.	8.3	85.506	9.247	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/11/73-05/03/93	4	12.5	12.	15.	8.	12.667	3.559	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/11/73-05/03/93	4	20.	28.75	70.	5.	956.25	30.923	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/11/73-05/03/93	4	24950.	23400.	29300.	14400.	46406666.667	6812.244	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/11/73-05/03/93	5	21900.	20980.	25600.	12800.	27647000.	5258.041	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/11/73-05/03/93	4	6.2	6.375	8.8	4.3	4.376	2.092	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/11/73-05/03/93	4	1.9	1.825	2.3	1.2	0.236	0.486	**	**	**	**
00400	PH (STANDARD UNITS)	12/18/73-05/03/93	5	6.7	6.76	7.	6.5	0.038	0.195	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-05/03/93	5	6.7	6.725	7.	6.5	0.04	0.199	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-05/03/93	5	0.2	0.188	0.316	0.1	0.007	0.084	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/11/73-05/03/93	4	7.65	7.65	7.9	7.4	0.043	0.208	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/11/73-05/03/93	4	7.647	7.613	7.9	7.4	0.045	0.212	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/11/73-05/03/93	4	0.023	0.024	0.04	0.013	0.	0.012	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/11/73-05/03/93	4	64.	59.75	73.	38.	252.25	15.882	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	01/22/74-11/09/88	4	15275.	14795.5	19860.	8772.	22113201.	4702.468	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/11/73-12/02/87	2	57.5	57.5	65.	50.	112.5	10.607	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/11/73-05/03/93	4	0.145	0.145	0.22	0.07	0.004	0.065	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/11/73-05/03/93	4	0.065	0.063	0.11	0.01	0.002	0.041	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/11/73-05/03/93	4	0.063	0.065	0.09	0.044	0.001	0.023	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/11/73-09/02/87	1	7289.	7289.	7289.	7289.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/11/73-12/02/87	4	75.	271.75	920.	17.	187532.25	433.05	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/11/73-12/02/87	4	1.874	1.986	2.964	1.23	0.518	0.72	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			96.74								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	4	60.	118.75	350.	5.	24506.25	156.545	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	4	1.772	1.697	2.544	0.699	0.579	0.761	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			49.748								

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

Annual Analysis for 1988 - Station FOPU0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/14/75-05/03/93	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/73-05/03/93	4	22.1	21.05	26.8	13.2	40.937	6.398	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/09/73-03/24/93	4	24.75	22.75	27.5	14.	40.75	6.384	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/11/73-05/03/93	4	22.5	22.75	33.	13.	114.917	10.72	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/11/73-05/03/93	4	10.	12.5	25.	5.	75.	8.66	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/11/73-05/03/93	4	30550.	29350.	30800.	25500.	6643333.333	2577.466	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/11/73-05/03/93	4	28650.	28275.	30800.	25000.	6075833.333	2464.921	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/11/73-05/03/93	4	6.85	6.475	7.8	4.4	2.316	1.522	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/11/73-05/03/93	3	1.	1.1	1.3	1.	0.03	0.173	**	**	**	**
00400	PH (STANDARD UNITS)	12/18/73-05/03/93	4	7.36	7.355	7.5	7.2	0.016	0.127	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-05/03/93	4	7.358	7.341	7.5	7.2	0.016	0.128	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-05/03/93	4	0.044	0.046	0.063	0.032	0.	0.013	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/11/73-05/03/93	4	7.6	7.65	7.8	7.6	0.01	0.1	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/11/73-05/03/93	4	7.6	7.642	7.8	7.6	0.01	0.1	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/11/73-05/03/93	4	0.025	0.023	0.025	0.016	0.	0.005	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/11/73-05/03/93	4	74.5	73.75	80.	66.	37.583	6.131	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	01/22/74-11/09/88	4	20470.	20107.5	21590.	17900.	2579558.333	1606.1	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/11/73-05/03/93	4	0.055	0.07	0.12	0.05	0.001	0.034	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/11/73-05/03/93	4	0.05	0.049	0.08	0.015	0.001	0.036	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/11/73-05/03/93	4	0.135	0.14	0.21	0.08	0.003	0.057	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	3	20.	446.667	1300.	20.	546133.333	739.008	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	3	1.301	1.905	3.114	1.301	1.096	1.047	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			80.415								

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

Annual Analysis for 1989 - Station FOPU0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/14/75-05/03/93	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/73-05/03/93	3	18.5	21.533	29.	17.1	42.303	6.504	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/11/73-05/03/93	3	19.	17.333	20.	13.	14.333	3.786	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/11/73-05/03/93	3	15.	13.333	20.	5.	58.333	7.638	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/11/73-05/03/93	3	25200.	23533.333	28700.	16700.	38083333.333	6171.17	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/11/73-05/03/93	3	17200.	15074.667	28000.	24.	199051925.333	14108.576	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/11/73-05/03/93	3	6.7	6.5	8.	4.8	2.59	1.609	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/11/73-05/03/93	3	1.4	1.433	1.8	1.1	0.123	0.351	**	**	**	**
00400	PH (STANDARD UNITS)	12/18/73-05/03/93	3	7.4	7.433	7.6	7.3	0.023	0.153	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-05/03/93	3	7.4	7.416	7.6	7.3	0.024	0.154	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-05/03/93	3	0.04	0.038	0.05	0.025	0.	0.013	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/11/73-05/03/93	3	7.4	7.467	7.7	7.3	0.043	0.208	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/11/73-05/03/93	3	7.4	7.436	7.7	7.3	0.045	0.211	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/11/73-05/03/93	3	0.04	0.037	0.05	0.02	0.	0.015	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/11/73-05/03/93	3	70.	65.667	76.	51.	170.333	13.051	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/11/73-05/03/93	3	0.06	0.063	0.1	0.03	0.001	0.035	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/11/73-05/03/93	3 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/11/73-05/03/93	3	0.07	0.08	0.1	0.07	0.	0.017	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	2	20.	20.	20.	20.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	2	1.301	1.301	1.301	1.301	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			20.								

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

Annual Analysis for 1990 - Station FOPU0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/14/75-05/03/93	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/73-05/03/93	3	16.4	19.633	28.7	13.8	63.343	7.959	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/11/73-05/03/93	3	20.	22.333	39.	8.	244.333	15.631	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/11/73-05/03/93	3	20.	30.	60.	10.	700.	26.458	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/11/73-05/03/93	3	23100.	19206.667	23100.	11420.	45474133.333	6743.451	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/11/73-05/03/93	3	23080.	19226.667	23400.	11200.	48346133.333	6953.138	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/11/73-05/03/93	3	7.7	6.733	7.9	4.6	3.423	1.85	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/11/73-05/03/93	3	1.2	1.333	1.7	1.1	0.103	0.321	**	**	**	**
00400	PH (STANDARD UNITS)	12/18/73-05/03/93	3	7.5	7.433	7.7	7.1	0.093	0.306	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-05/03/93	3	7.5	7.36	7.7	7.1	0.101	0.318	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-05/03/93	3	0.032	0.044	0.079	0.02	0.001	0.032	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/11/73-05/03/93	3	7.5	7.467	7.6	7.3	0.023	0.153	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/11/73-05/03/93	3	7.5	7.448	7.6	7.3	0.024	0.154	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/11/73-05/03/93	3	0.032	0.036	0.05	0.025	0.	0.013	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/11/73-05/03/93	3	63.	54.667	64.	37.	234.333	15.308	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/11/73-05/03/93	3	0.06	0.052	0.08	0.015	0.001	0.033	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/11/73-05/03/93	3 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/11/73-05/03/93	3	0.09	0.077	0.12	0.02	0.003	0.051	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	3	50.	76.667	130.	50.	2133.333	46.188	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	3	1.699	1.837	2.114	1.699	0.057	0.24	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			68.753								

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

Annual Analysis for 1991 - Station FOPU0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/14/75-05/03/93	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/73-05/03/93	3	15.9	19.033	27.	14.2	48.323	6.951	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/11/73-05/03/93	3	35.	33.667	58.	8.	626.333	25.027	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/11/73-05/03/93	3	10.	10.	10.	10.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/11/73-05/03/93	3	24100.	25200.	27900.	23600.	5530000.	2351.595	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/11/73-05/03/93	3	24300.	25566.667	28700.	23700.	7453333.333	2730.079	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/11/73-05/03/93	3	8.1	7.7	9.	6.	2.37	1.539	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/11/73-05/03/93	3	1.	1.033	1.4	0.7	0.123	0.351	**	**	**	**
00400	PH (STANDARD UNITS)	12/18/73-05/03/93	3	7.7	7.6	7.7	7.4	0.03	0.173	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-05/03/93	3	7.7	7.576	7.7	7.4	0.031	0.176	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-05/03/93	3	0.02	0.027	0.04	0.02	0.	0.011	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/11/73-05/03/93	3	7.6	7.667	7.8	7.6	0.013	0.115	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/11/73-05/03/93	3	7.6	7.657	7.8	7.6	0.013	0.116	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/11/73-05/03/93	3	0.025	0.022	0.025	0.016	0.	0.005	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/11/73-05/03/93	3	66.	67.667	72.	65.	14.333	3.786	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/11/73-05/03/93	3	0.04	0.042	0.07	0.015	0.001	0.028	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/11/73-05/03/93	3 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/11/73-05/03/93	3	0.12	0.12	0.17	0.07	0.003	0.05	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	3	50.	60.	110.	20.	2100.	45.826	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	3	1.699	1.68	2.041	1.301	0.137	0.371	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			47.914								

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

Annual Analysis for 1992 - Station FOPU0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/14/75-05/03/93	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/73-05/03/93	2	11.5	11.5	12.6	10.4	2.42	1.556	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/11/73-05/03/93	2	40.5	40.5	60.	21.	760.5	27.577	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/11/73-05/03/93	2	27.5	27.5	45.	10.	612.5	24.749	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/11/73-05/03/93	2	18555.	18555.	28400.	8710.	193848050.	13922.933	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/11/73-05/03/93	2	18550.	18550.	28760.	8340.	208488200.	14439.12	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/11/73-05/03/93	2	8.35	8.35	9.1	7.6	1.125	1.061	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/11/73-05/03/93	2	1.1	1.1	1.3	0.9	0.08	0.283	**	**	**	**
00400	PH (STANDARD UNITS)	12/18/73-05/03/93	2	7.75	7.75	7.8	7.7	0.005	0.071	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-05/03/93	2	7.747	7.747	7.8	7.7	0.005	0.071	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-05/03/93	2	0.018	0.018	0.02	0.016	0.	0.003	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/11/73-05/03/93	2	7.4	7.4	7.6	7.2	0.08	0.283	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/11/73-05/03/93	2	7.355	7.355	7.6	7.2	0.084	0.29	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/11/73-05/03/93	2	0.044	0.044	0.063	0.025	0.001	0.027	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/11/73-05/03/93	2	51.5	51.5	73.	30.	924.5	30.406	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/11/73-05/03/93	2	0.175	0.175	0.3	0.05	0.031	0.177	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/11/73-05/03/93	2 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/11/73-05/03/93	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	2	65.	65.	110.	20.	4050.	63.64	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	2	1.671	1.671	2.041	1.301	0.274	0.524	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			46.904								

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

Annual Analysis for 1993 - Station FOPU0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/14/75-05/03/93	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/73-05/03/93	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/09/73-03/24/93	1	13.8	13.8	13.8	13.8	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/11/73-05/03/93	2	31.	31.	36.	26.	50.	7.071	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/11/73-05/03/93	2	12.5	12.5	15.	10.	12.5	3.536	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/11/73-05/03/93	2	13330.	13330.	16800.	9860.	24081800.	4907.321	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/11/73-05/03/93	2	13272.	13272.	16990.	9554.	27647048.	5258.046	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/11/73-05/03/93	2	7.8	7.8	8.9	6.7	2.42	1.556	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/11/73-05/03/93	2	1.45	1.45	1.5	1.4	0.005	0.071	**	**	**	**
00400	PH (STANDARD UNITS)	12/18/73-05/03/93	2	8.15	8.15	8.2	8.1	0.005	0.071	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-05/03/93	2	8.147	8.147	8.2	8.1	0.005	0.071	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-05/03/93	2	0.007	0.007	0.008	0.006	0.	0.001	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/11/73-05/03/93	2	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/11/73-05/03/93	2	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/11/73-05/03/93	2	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/11/73-05/03/93	2	41.	41.	44.	38.	18.	4.243	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/11/73-05/03/93	2 ##	0.045	0.045	0.05	0.04	0.	0.007	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/11/73-05/03/93	2 ##	0.013	0.013	0.015	0.01	0.	0.004	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/11/73-05/03/93	2	0.115	0.115	0.12	0.11	0.	0.007	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	1	50.	50.	50.	50.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	1	1.699	1.699	1.699	1.699	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			50.								

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

Seasonal Analysis for Season #1: 6/01 to 11/14 - Station FOPU0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/14/75-05/03/93	68	3.	1.691	3.	0.	1.948	1.396	0.	0.	3.	3.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/73-05/03/93	73	26.5	25.234	30.1	14.5	17.043	4.128	18.2	23.25	28.25	29.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/09/73-03/24/93	67	28.5	27.87	35.	14.	23.339	4.831	19.8	27.	31.	34.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/11/73-05/03/93	67	20.	30.164	304.	5.	1505.048	38.795	9.8	13.	32.	64.2
00080	COLOR (PLATINUM-COBALT UNITS)	09/11/73-05/03/93	69	10.	14.971	120.	2.5	271.308	16.471	5.	5.	20.	30.
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	12/18/73-12/27/82	47	250.	243.277	344.	100.	2647.857	51.457	188.2	210.	285.	310.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/11/73-05/03/93	67	26000.	26335.224	45500.	9700.	45922252.601	6776.596	18800.	22000.	30000.	33120.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/11/73-05/03/93	71	25000.	24804.	40000.	24.	47895372.	6920.648	17040.	21000.	29200.	33000.
00300	OXYGEN, DISSOLVED MG/L	09/11/73-05/03/93	67	5.2	5.504	8.6	2.5	1.31	1.145	4.3	4.8	6.3	7.04
00310	BOD, 5 DAY, 20 DEG C MG/L	09/11/73-05/03/93	63	1.3	1.433	4.6	0.2	0.476	0.69	0.9	1.	1.7	2.22
00400	PH (STANDARD UNITS)	12/18/73-05/03/93	61	7.5	7.333	8.7	6.	0.188	0.433	6.7	7.2	7.55	7.8
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-05/03/93	61	7.5	7.072	8.7	6.	0.257	0.507	6.7	7.2	7.55	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-05/03/93	61	0.032	0.085	1.	0.002	0.022	0.147	0.016	0.028	0.063	0.2
00403	PH, LAB, STANDARD UNITS SU	09/11/73-05/03/93	70	7.6	7.56	8.2	6.7	0.049	0.22	7.3	7.4	7.7	7.8
00403	CONVERTED PH, LAB, STANDARD UNITS	09/11/73-05/03/93	70	7.6	7.496	8.2	6.7	0.053	0.23	7.3	7.4	7.7	7.8
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/11/73-05/03/93	70	0.025	0.032	0.2	0.006	0.001	0.024	0.016	0.02	0.04	0.05
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/11/73-05/03/93	70	70.5	70.571	111.	41.	199.698	14.131	53.1	60.75	78.25	88.8
00500	RESIDUE, TOTAL (MG/L)	01/22/74-11/09/88	63	18900.	19425.968	57540.	9796.	43279815.031	6578.74	13240.	15570.	21320.	24884.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/11/73-12/02/87	57	47.	73.263	278.	5.	4420.519	66.487	13.8	24.5	105.5	191.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/11/73-05/03/93	69	0.09	0.101	0.37	0.01	0.005	0.069	0.02	0.05	0.14	0.19
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/11/73-05/03/93	70	0.12	0.148	0.56	0.01	0.013	0.115	0.01	0.06	0.21	0.33
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/11/73-05/03/93	69	0.1	0.135	0.56	0.02	0.011	0.104	0.05	0.08	0.14	0.3
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/11/73-06/18/85	50	5.55	6.458	35.	0.5	26.258	5.124	3.	4.	6.625	9.
00940	CHLORIDE,TOTAL IN WATER MG/L	09/11/73-09/02/87	60	9087.5	9310.15	18600.	4250.	8171311.689	2858.551	6420.	7341.75	10275.	12338.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/11/73-12/02/87	53	430.	2080.472	23000.	17.	20867098.831	4568.052	73.6	130.	2300.	4300.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/11/73-12/02/87	53	2.633	2.723	4.362	1.23	0.531	0.729	1.866	2.114	3.362	3.633
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			528.939								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	64	84.5	609.359	9300.	5.	1967730.583	1402.758	18.5	28.5	475.	1600.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	64	1.926	2.102	3.968	0.699	0.604	0.777	1.266	1.453	2.676	3.204
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			126.384								

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

Seasonal Analysis for Season #2: 11/15 to 3/31 - Station FOPU0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/14/75-05/03/93	45	3.	1.711	3.	0.	1.892	1.375	0.	0.	3.	3.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/73-05/03/93	50	13.1	12.446	19.6	4.5	11.756	3.429	8.	9.375	15.	16.85
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/09/73-03/24/93	44	15.75	15.898	30.	2.	36.898	6.074	8.	12.1	20.375	24.25
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/11/73-05/03/93	49	22.	36.837	160.	8.	1137.223	33.723	11.	15.	49.	84.
00080	COLOR (PLATINUM-COBALT UNITS)	09/11/73-05/03/93	50	10.	16.55	70.	2.5	222.931	14.931	5.	5.	20.	39.5
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	12/18/73-12/27/82	34	285.	278.529	380.	80.	3924.863	62.649	206.	233.75	322.5	350.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/11/73-05/03/93	47	20000.	20401.915	38000.	8100.	53494737.558	7314.01	10772.	14400.	24100.	30220.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/11/73-05/03/93	51	19100.	18915.176	35000.	6000.	46647303.388	6829.883	9760.	12800.	24200.	28000.
00300	OXYGEN, DISSOLVED MG/L	09/11/73-05/03/93	49	8.3	8.449	10.8	6.4	0.91	0.954	7.4	7.65	9.2	9.8
00310	BOD, 5 DAY, 20 DEG C MG/L	09/11/73-05/03/93	51	1.	1.288	3.3	0.2	0.545	0.738	0.54	0.8	1.7	2.58
00400	PH (STANDARD UNITS)	12/18/73-05/03/93	47	7.4	7.485	8.7	6.4	0.225	0.475	6.88	7.2	7.8	8.12
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-05/03/93	47	7.4	7.238	8.7	6.4	0.287	0.536	6.88	7.2	7.8	8.12
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-05/03/93	47	0.04	0.058	0.398	0.002	0.006	0.076	0.008	0.016	0.063	0.132
00403	PH, LAB, STANDARD UNITS SU	09/11/73-05/03/93	50	7.5	7.496	7.9	6.8	0.071	0.267	7.1	7.375	7.7	7.8
00403	CONVERTED PH, LAB, STANDARD UNITS	09/11/73-05/03/93	50	7.5	7.408	7.9	6.8	0.079	0.282	7.1	7.375	7.7	7.8
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/11/73-05/03/93	50	0.032	0.039	0.158	0.013	0.001	0.029	0.016	0.02	0.042	0.079
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/11/73-05/03/93	50	55.	56.3	90.	18.	316.786	17.798	33.4	40.75	72.	79.6
00500	RESIDUE, TOTAL (MG/L)	01/22/74-11/09/88	41	14070.	13691.512	21660.	3628.	24842074.006	4984.182	6831.2	9266.	17855.	20508.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/11/73-12/02/87	37	62.	72.622	329.	8.	3863.631	62.158	12.8	32.	91.5	155.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/11/73-05/03/93	50	0.115	0.121	0.31	0.015	0.005	0.067	0.041	0.07	0.15	0.22
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/11/73-05/03/93	51	0.12	0.155	1.57	0.01	0.052	0.228	0.01	0.06	0.18	0.268

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

Seasonal Analysis for Season #2: 11/15 to 3/31 - Station FOPU0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/11/73-05/03/93	50	0.125	0.151	0.64	0.02	0.015	0.121	0.046	0.08	0.18	0.255
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/11/73-06/18/85	31	6.	7.674	20.	2.4	20.911	4.573	4.	5.	8.	16.
00940	CHLORIDE,TOTAL IN WATER MG/L	09/11/73-09/02/87	38	6972.5	6803.263	15300.	250.	8762822.199	2960.206	3145.	4475.	8775.	10310.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/11/73-12/02/87	39	920.	3938.	43000.	22.	70494220.211	8396.084	80.	240.	4300.	15000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/11/73-12/02/87	39	2.964	2.959	4.633	1.342	0.603	0.777	1.903	2.38	3.633	4.176
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			910.853								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	48	150.	563.917	7500.	8.	1571087.61	1253.43	16.6	50.	475.	987.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	48	2.172	2.204	3.875	0.903	0.499	0.706	1.219	1.699	2.676	2.989
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			159.861								

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

Seasonal Analysis for Season #3: 4/01 to 5/31 - Station FOPU0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/14/75-05/03/93	18	3.	2.222	3.	0.	1.359	1.166	0.	1.	3.	3.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/73-05/03/93	19	20.7	20.789	26.5	15.5	8.717	2.952	16.	19.	23.	24.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/09/73-03/24/93	17	27.	25.5	32.	18.	16.656	4.081	18.8	22.	28.5	30.4
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/11/73-05/03/93	19	22.	32.947	152.	10.	1121.719	33.492	11.	13.	34.	74.
00080	COLOR (PLATINUM-COBALT UNITS)	09/11/73-05/03/93	19	20.	30.789	240.	2.5	2716.703	52.122	2.5	10.	30.	50.
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	12/18/73-12/27/82	17	260.	259.941	360.	180.	2559.309	50.59	180.	220.	293.	344.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/11/73-05/03/93	18	18400.	19244.444	43300.	4000.	117406143.791	10835.412	6160.	9375.	25200.	39790.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/11/73-05/03/93	19	17500.	18368.947	43000.	4600.	105467576.608	10269.741	5000.	12260.	23400.	39000.
00300	OXYGEN, DISSOLVED MG/L	09/11/73-05/03/93	18	6.45	6.278	7.5	4.9	0.627	0.792	5.08	5.675	7.	7.23
00310	BOD, 5 DAY, 20 DEG C MG/L	09/11/73-05/03/93	19	1.3	1.274	2.4	0.2	0.365	0.604	0.4	0.8	1.7	2.4
00400	PH (STANDARD UNITS)	12/18/73-05/03/93	17	7.4	7.394	8.6	6.3	0.304	0.552	6.46	7.15	7.7	8.2
00400	CONVERTED PH (STANDARD UNITS)	12/18/73-05/03/93	17	7.4	7.07	8.6	6.3	0.416	0.645	6.46	7.15	7.7	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/73-05/03/93	17	0.04	0.085	0.501	0.003	0.017	0.13	0.007	0.02	0.071	0.353
00403	PH, LAB, STANDARD UNITS SU	09/11/73-05/03/93	19	7.4	7.379	7.8	7.	0.073	0.27	7.	7.1	7.6	7.8
00403	CONVERTED PH, LAB, STANDARD UNITS	09/11/73-05/03/93	19	7.4	7.303	7.8	7.	0.079	0.281	7.	7.1	7.6	7.8
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/11/73-05/03/93	19	0.04	0.05	0.1	0.016	0.001	0.03	0.016	0.025	0.079	0.1
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/11/73-05/03/93	19	52.	53.895	103.	19.	446.988	21.142	31.	34.	65.	88.
00500	RESIDUE, TOTAL (MG/L)	01/22/74-11/09/88	18	12385.	12150.889	27990.	550.	55892600.105	7476.135	2710.	4390.5	16670.	25407.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/11/73-12/02/87	18	58.	73.389	281.	10.	4595.428	67.79	13.6	21.25	124.	157.7
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/11/73-05/03/93	18	0.09	0.128	0.58	0.01	0.016	0.128	0.037	0.068	0.135	0.283
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/11/73-05/03/93	18	0.105	0.134	0.37	0.015	0.009	0.093	0.038	0.073	0.203	0.271
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/11/73-05/03/93	18	0.1	0.132	0.39	0.03	0.011	0.106	0.03	0.05	0.185	0.318
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/11/73-06/18/85	14	6.75	7.821	15.	4.	11.446	3.383	4.5	5.	11.25	13.5
00940	CHLORIDE,TOTAL IN WATER MG/L	09/11/73-09/02/87	18	6950.	6738.333	13800.	1200.	13780920.588	3712.266	2001.	3825.	8300.	13620.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/11/73-12/02/87	17	920.	2965.882	23000.	70.	31882763.235	5646.482	102.	235.	2350.	12040.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/11/73-12/02/87	17	2.964	2.954	4.362	1.845	0.492	0.702	2.002	2.371	3.371	4.047
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			900.291								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	19	150.	800.895	4300.	7.	1289755.877	1135.674	7.	36.	930.	2300.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/11/73-05/03/93	19	2.176	2.245	3.633	0.845	0.9	0.949	0.845	1.556	2.968	3.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			175.934								

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

Station Inventory for Station: FOPU0038

NPS Station ID: FOPU0038
LAT/LON: 32.033892/ -80.903338
Agency: 112WRD
Date Created: / /
Location: SAVANNAH RIVER AT FORT PULASKI, GA.
FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 02198980
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03060109
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 03060109
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 03060109001603.61
RF3 Mile Point: 3.61
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: FOPU0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00080	COLOR (PLATINUM-COBALT UNITS)	03/07/60-03/08/60	3	3.	7.333	16.	3.	56.333	7.506	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/07/60-03/08/60	3	11900.	17800.	30400.	11100.	119230000.	10919.249	**	**	**	**
00400	PH (STANDARD UNITS)	03/07/60-03/08/60	3	7.	7.167	7.5	7.	0.083	0.289	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/07/60-03/08/60	3	7.	7.112	7.5	7.	0.088	0.296	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/07/60-03/08/60	3	0.1	0.077	0.1	0.032	0.002	0.039	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	03/07/60-03/08/60	3	6.4	5.933	7.	4.4	1.853	1.361	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/07/60-03/08/60	3	36.	46.667	71.	33.	446.333	21.127	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	03/07/60-03/08/60	3	44.	57.	87.	40.	679.	26.058	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	03/07/60-03/08/60	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	03/07/60-03/08/60	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/07/60-03/08/60	3	1260.	2003.333	3580.	1170.	1866433.333	1366.175	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/07/60-03/08/60	3	1230.	1960.	3510.	1140.	1803900.	1343.093	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/07/60-03/08/60	3	94.	145.667	261.	82.	10012.333	100.062	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/07/60-03/08/60	3	250.	398.667	711.	235.	73220.333	270.593	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/07/60-03/08/60	3	2250.	3493.33	6179.99	2050.	5423606.467	2328.864	**	**	**	**
00931	SODIUM ADSORPTION RATIO	03/07/60-03/08/60	3	28.	33.	45.	26.	109.	10.44	**	**	**	**
00932	SODIUM, PERCENT	03/07/60-03/08/60	3	78.	77.667	78.	77.	0.333	0.577	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/07/60-03/08/60	3	90.	142.333	267.	70.	11756.333	108.427	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/07/60-03/08/60	3	3540.	4848.	11000.	4.	31511152.	5613.479	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	03/07/60-03/08/60	3	337.	338.	368.	309.	871.	29.513	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/07/60-03/08/60	3	0.5	0.8	1.5	0.4	0.37	0.608	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/07/60-03/08/60	3	5.3	4.567	5.5	2.9	2.093	1.447	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	03/07/60-03/08/60	3	10.	6.667	10.	0.	33.333	5.774	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/07/60-03/08/60	3	7620.	11940.	21300.	6900.	65836800.	8113.988	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	03/07/60-03/08/60	3	6310.	9396.667	18800.	3080.	68925233.333	8302.122	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	03/07/60-03/08/60	3	10.4	16.26	29.	9.38	121.991	11.045	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	03/07/60-03/08/60	3	0.	0.	0.	0.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: FOPU0038

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-11/14 Obs	6/01-11/14 Exceed	6/01-11/14 Prop.	11/15-3/31 Obs	11/15-3/31 Exceed	11/15-3/31 Prop.	4/01-5/31 Obs	4/01-5/31 Exceed	4/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	3	0	0.00				3	0	0.00						
		Other-Lo Lim.	6.5	3	0	0.00				3	0	0.00						

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

EPA Water Quality Criteria Analysis for Station: FOPU0038

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-11/14 Obs	6/01-11/14 Exceed	6/01-11/14 Prop.	11/15-3/31 Obs	11/15-3/31 Exceed	11/15-3/31 Prop.	4/01-5/31 Obs	4/01-5/31 Exceed	4/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	3	0	0.00				3	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	2	0.67				3	2	0.67						
		Drinking Water	250.	3	2	0.67				3	2	0.67						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	3	3	1.00				3	3	1.00						
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	3	0	0.00				3	0	0.00						
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	3	0	0.00				3	0	0.00						

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

Station Inventory for Station: FOPU0039

NPS Station ID: FOPU0039 | LAT/LON: 32.035476/ -80.959254 | Agency: 11NPSWRD | Date Created: 01/16/99
Location: BULL RIVER AT HIGHWAY 80 | FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/AMBNT/ESTURY | STORET Station ID(s): FOPU_GDNR_27
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 03060109 | Depth of Water: 0 | Aquifer:
Major Basin: SOUTHEAST | Elevation: 0 | Water Body Id:
Minor Basin: SAVANNAH RIVER | ECO Region:
RF1 Index: 03060109 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 03060109002008.47 | RF3 Mile Point: 8.65 | Distance from RF3: 0.58 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE FORT PULASKI GA-SC 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE AND IS LOCATED OUTSIDE OF FORT PULASKI NATIONAL MONUMENT (FOPU). THE SITE IS LOCATED AT THE BULL RIVER AT HIGHWAY 80. SAMPLES WERE COLLECTED BY THE CITY OF SAVANNAH AND ITS CONTRACTORS AS PART OF A MULTI-AGENCY SAMPLING EFFORT. DATA ARE FROM THE GEORGIA DEPARTMENT OF NATURAL RESOURCES REPORT "RELEASE OF 7500 CURIES OF TRITIUM TO THE SAVANNAH RIVER FROM THE SAVANNAH RIVER SITE" (JAMES HARDEMAN JR.; JANUARY 1992). THE REPORT DOCUMENTS THE RESPONSE OF NUMEROUS AGENCIES TO THE RELEASE OF TRITIUM BY A NUCLEAR REACTOR AT THE SAVANNAH RIVER SITE. FOR INFORMATION ABOUT THE MONUMENT CONTACT NATURAL RESOURCES; FOPU; P.O. BOX 30757; SAVANNAH GA 31410 TEL(912)786-5787. DATA WERE PROCESSED AND UPLOADED TO STORET BY ARIA BRISSETTE; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 TEL(970)225-3516.

Parameter Inventory for Station: FOPU0039

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
04124 TRITIUM, TOTAL, WATER PCI/ML	01/03/92-01/06/92	4	3.715	3.67	4.79	2.46	1.361	1.167	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: FOPU0039

			Total	Exceed	Prop.	6/01-11/14			11/15-3/31			4/01-5/31			n/a		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.

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

Station Inventory for Station: FOPU0040

NPS Station ID: FOPU0040
LAT/LON: 32.035559/ -81.046116
Agency: 1113S090
Date Created: / /
Location: WILMINGTON R AT US 80 BRIDGE
FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 133115 /WR-3115 /SRWR-5 W-5
RMI-Indexes: 0313010
Within Park Boundary: No
RMI-Miles: 0009.00
HUC: 03060204
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: SAVANNAH RIVER BASIN
ECO Region:
RF1 Index: 03060204038
RF1 Mile Point: 17.710
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 03060204261700.30
RF3 Mile Point: 4.31
Distance from RF3: 0.16
On/Off RF3:
Description:
CENTER LINE OF WILMINGTON RIVER AT U.S. 80 BRIDGE

Parameter Inventory for Station: FOPU0040

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

***** Data for this station locked by controlling agency *****

Station Inventory for Station: FOPU0041

NPS Station ID: FOPU0041
LAT/LON: 32.036115/ -81.046116
Agency: 1113S090
Date Created: / /
Location: WILMINGTON R AT SAVANNAH MARINA
FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 134110 /STA.036
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03060109
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: WILMINGTON RIVER BASIN
ECO Region:
RF1 Index: 03060109026
RF1 Mile Point: 11.370
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 03060204229400.01
RF3 Mile Point: 0.00
Distance from RF3: 0.05
On/Off RF3:
Description:
DATA FURNISHED BY CHATHAM COUNTY HEALTH DEPARTMENT AND THE STATE OF GEORGIA FOR THE BACK DATA PROJECT

Parameter Inventory for Station: FOPU0041

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

***** Data for this station locked by controlling agency *****

Station Inventory for Station: FOPU0042

NPS Station ID: FOPU0042
LAT/LON: 32.036392/ -80.918615
Agency: 1113S090
Date Created: / /
Location: SAVANNAH R MID-CH NEAR BUOY R28
FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM
STORET Station ID(s): 133000 /SR-3000 /SRS-2 S-2
RMI-Indexes: 0313050
Within Park Boundary: No
RMI-Miles: 0002.00
HUC: 03060109
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: SAVANNAH RIVER BASIN
ECO Region:
RF1 Index: 03060109002
RF1 Mile Point: 1.870
Distance from RF1: 0.80
On/Off RF1: ON
RF3 Index: 03060109092400.00
RF3 Mile Point: 1.87
Distance from RF3: 0.03
On/Off RF3:
Description:
CENTER LINE CROSSING RANGE NEAR BUOY "28"

Parameter Inventory for Station: FOPU0042

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

***** Data for this station locked by controlling agency *****

Station Inventory for Station: FOPU0043

NPS Station ID: FOPU0043
LAT/LON: 32.036670/ -80.870004
Agency: 22GAFWRU
Date Created: 03/21/92
Location: SAVANNAH RIVER
FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 12
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03060109
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: SAVANNAH RIVER
ECO Region:
RF1 Index: 03060109
RF1 Mile Point: 0.000
Distance from RF1: 2.80
On/Off RF1:
RF3 Index: 03060109046100.00
RF3 Mile Point: 1.96
Distance from RF3: 0.17
On/Off RF3:
Description:

Parameter Inventory for Station: FOPU0043

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/02/91-06/06/91	58	17.9	18.084	22.8	13.5	3.843	1.96	16.	17.	19.225	21.01
00068	DEPTH, MAXIMUM, OF SAMPLE (FEET)	04/02/91-06/06/91	58	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/02/91-06/06/91	58	56.5	60.621	88.	41.	150.31	12.26	48.9	50.	71.25	81.1

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

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

Station Inventory for Station: FOPU0044

NPS Station ID: FOPU0044
LAT/LON: 32.038060/ -80.918337
Agency: 1113GAWQ
Date Created: / /
Location: SAV. R. NEAR BOUY R 28
FIPS State/County: 13000 GEORGIA/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 130001 /S-02 /G-051-01
RMI-Indexes: 0313050
Within Park Boundary: No
RMI-Miles: 0002.00
HUC: 03060109
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: SAVANNAH RIVER BASIN
ECO Region:
RF1 Index: 03060109002
RF1 Mile Point: 1.870
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 03060109001602.21
RF3 Mile Point: 2.21
Distance from RF3: 0.05
On/Off RF3:
Description:
STUDIES WERE CONDUCTED BY GEORGIA WATER QUALITY CONTROL BOARD (GWQCB), CORPS OF ENGINEERS, AND CHATHAM COUNTY HEALTH DEPARTMENT.
SAVANNAH RIVER-MAIN CHANNEL AT CENTER LINE CROSSING RANGE NEAR BUOY R "28".

Parameter Inventory for Station: FOPU0044

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	PH, LAB, STANDARD UNITS SU	07/07/71-11/02/71	4	7.4	7.375	7.6	7.1	0.049	0.222	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/07/71-11/02/71	4	7.389	7.332	7.6	7.1	0.052	0.227	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/07/71-11/02/71	4	0.041	0.047	0.079	0.025	0.001	0.024	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: FOPU0044

			Total	Exceed	Prop.	6/01-11/14			11/15-3/31			4/01-5/31			n/a		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403 PH, LAB	Fresh Chronic	9.	4	0	0.00	4	0	0.00									
	Other-Lo Lim.	6.5	4	0	0.00	4	0	0.00									

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

Station Inventory for Station: FOPU0045

NPS Station ID: FOPU0045
LAT/LON: 32.038337/ -80.981393
Agency: 1113S090
Date Created: / /
Location: TURNERS CK AT TUTTLE RESIDENCE
FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 134130 /STA.040
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03060204
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: WILMINGTON RIVER BASIN
ECO Region:
RF1 Index: 03060204001
RF1 Mile Point: 7.290
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 03060204229400.46
RF3 Mile Point: 1.50
Distance from RF3: 0.04
On/Off RF3:
Description:
DATA FURNISHED BY CHATHAM COUNTY HEALTH DEPARTMENT AND THE STATE OF GEORGIA FOR THE BACK DATA PROJECT

Parameter Inventory for Station: FOPU0045

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

***** Data for this station locked by controlling agency *****

Station Inventory for Station: FOPU0046

NPS Station ID: FOPU0046
LAT/LON: 32.039726/ -80.923338
Agency: 21GAEPD
Date Created: / /
Location: SAVANNAH R. - CROSSING RANGE NEAR BUOY R28
FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 01026001
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03060109
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: SAVANNAH RIVER
ECO Region:
RF1 Index: 03060109002
RF1 Mile Point: 2.360
Distance from RF1: 2.00
On/Off RF1: ON
RF3 Index: 03050208347400.00
RF3 Mile Point: 0.08
Distance from RF3: 0.09
On/Off RF3:
Description:

Parameter Inventory for Station: FOPU0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	478	3.	10.952	201.	0.	147.987	12.165	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/68-11/07/96	485	20.	20.112	31.	2.5	48.868	6.991	10.2	13.5	26.5	28.94
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/07/72-08/15/96	373	21.3	20.454	35.	0.	68.616	8.283	8.44	14.	27.	30.
00065	STAGE, STREAM (FEET)	03/07/72-12/04/73	11	3.9	3.764	7.6	0.6	4.581	2.14	0.66	2.1	5.4	7.26
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/10/76-08/19/76	6	7.5	15.167	44.	5.	240.567	15.51	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/15/68-02/02/72	32	58.	52.719	75.	14.	421.112	20.521	17.	35.25	72.25	75.
00080	COLOR (PLATINUM-COBALT UNITS)	08/12/68-08/19/76	20	20.	25.4	100.	8.	358.463	18.933	15.	15.	25.	39.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-11/07/96	374	24700.	24772.687	46000.	32.	87925337.513	9376.851	12500.	17775.	30800.	37500.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/68-11/03/81	101	22500.	23847.772	44000.	25.	76996951.238	8774.791	14040.	17050.	30750.	36800.
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-11/07/96	489	6.1	6.338	10.8	1.7	3.754	1.937	3.7	5.	7.8	9.
00310	BOD, 5 DAY, 20 DEG C MG/L	03/20/68-08/19/76	127	1.	1.164	4.6	0.1	0.425	0.652	0.5	0.7	1.6	1.9
00400	PH (STANDARD UNITS)	01/15/74-11/07/96	351	7.	7.057	8.3	5.16	0.341	0.584	6.3	6.7	7.4	7.9
00400	CONVERTED PH (STANDARD UNITS)	01/15/74-11/07/96	351	7.	6.634	8.3	5.16	0.52	0.721	6.3	6.7	7.4	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-11/07/96	351	0.1	0.232	6.918	0.005	0.325	0.57	0.013	0.04	0.2	0.501
00403	PH, LAB, STANDARD UNITS SU	02/15/68-08/19/76	127	7.	7.067	8.	5.8	0.196	0.443	6.5	6.8	7.4	7.7
00403	CONVERTED PH, LAB, STANDARD UNITS	02/15/68-08/19/76	127	7.	6.845	8.	5.8	0.246	0.496	6.5	6.8	7.4	7.7
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/15/68-08/19/76	127	0.1	0.143	1.585	0.01	0.036	0.19	0.02	0.04	0.158	0.316
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/21/68-08/19/76	119	64.	69.933	180.	10.	776.165	27.86	42.	53.	85.	100.
00480	SALINITY - PARTS PER THOUSAND	02/05/74-05/14/91	304	16.95	17.307	39.	4.4	37.844	6.152	9.2	12.8	21.575	25.95
00505	RESIDUE, TOTAL VOLATILE (MG/L)	05/21/68-12/16/69	46	40.	44.826	191.	1.	996.325	31.565	14.7	24.	56.	76.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/15/68-08/19/76	122	72.	97.934	450.	4.	6847.202	82.748	19.9	33.	136.	203.1
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/07/74-08/18/76	4	0.105	0.1	0.13	0.06	0.001	0.029	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/07/74-08/18/76	4	0.12	0.128	0.17	0.1	0.001	0.03	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/07/74-08/18/76	4	0.125	0.145	0.26	0.07	0.009	0.093	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	12/05/72-05/07/74	17	5.	5.412	8.	3.	2.007	1.417	3.	4.5	6.5	7.2
00940	CHLORIDE,TOTAL IN WATER MG/L	02/15/68-08/19/76	119	8100.	8772.84	17300.	2250.	11814448.932	3437.215	4500.	6300.	11200.	14100.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/15/68-06/23/70	28	6400.	12512.143	92000.	500.	343664076.72	18538.179	799.	1705.	16000.	34800.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/15/68-06/23/70	28	3.794	3.723	4.964	2.699	0.373	0.611	2.903	3.232	4.204	4.542
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			5289.96								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-08/19/76	70	2300.	4478.371	34800.	36.	34125647.106	5841.716	437.	1450.	4300.	9300.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-08/19/76	70	3.362	3.388	4.542	1.556	0.281	0.53	2.64	3.161	3.633	3.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2443.29								
82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	07/06/76-05/14/91	294	10.	13.574	225.	2.	293.915	17.144	5.	7.	15.	23.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/14/87-12/14/87	1	4.	4.	4.	4.	0.	0.	**	**	**	**

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

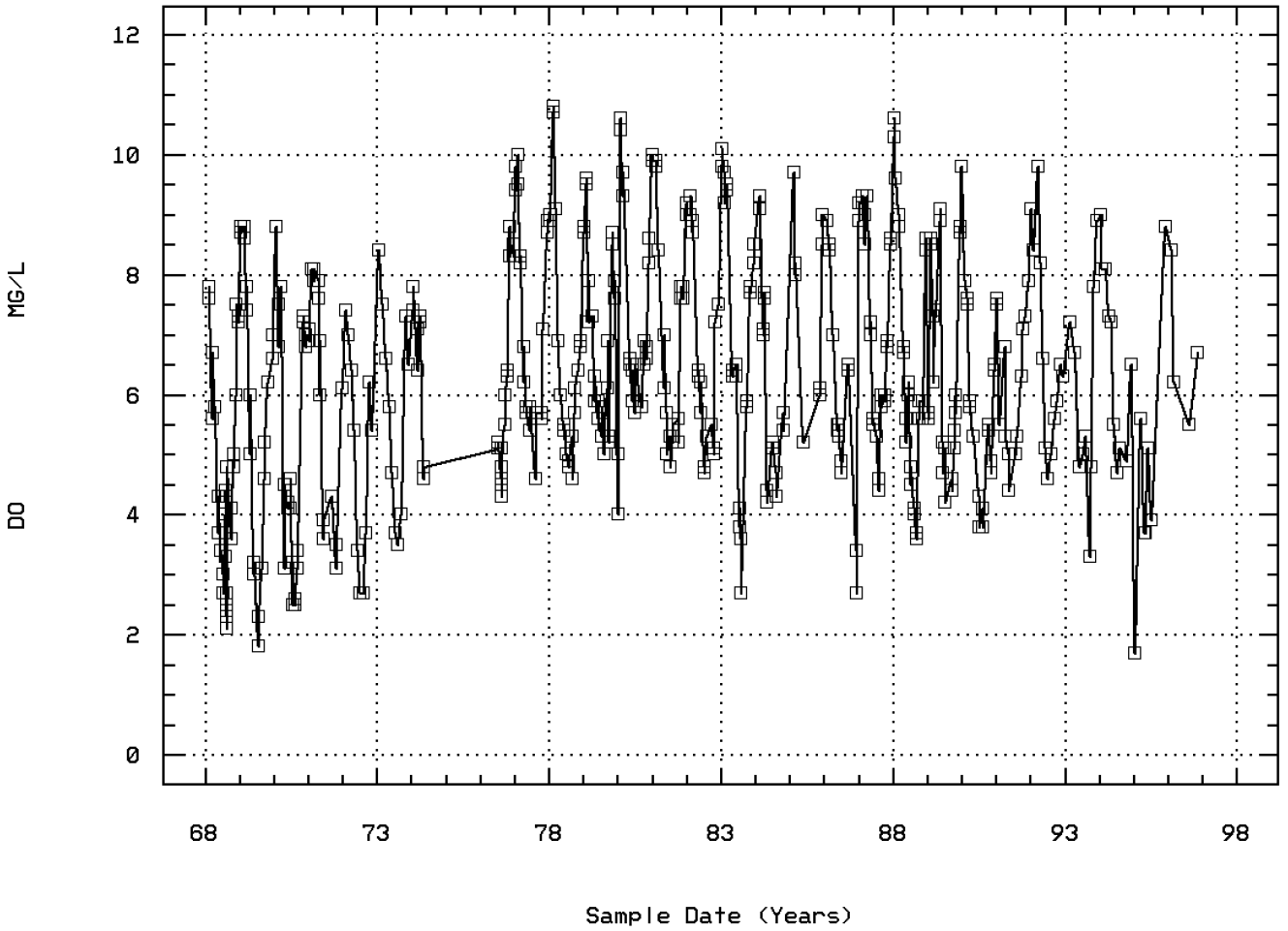
EPA Water Quality Criteria Analysis for Station: FOPU0046

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-11/14 Obs	6/01-11/14 Exceed	6/01-11/14 Prop.	11/15-3/31 Obs	11/15-3/31 Exceed	11/15-3/31 Prop.	4/01-5/31 Obs	4/01-5/31 Exceed	4/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	6	0	0.00	6	0	0.00									
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	32	21	0.66	13	10	0.77	14	7	0.50	5	4	0.80			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	489	59	0.12	234	51	0.22	175	4	0.02	80	4	0.05			
00400	PH	Fresh Chronic	9.	351	0	0.00	163	0	0.00	131	0	0.00	57	0	0.00			
		Other-Lo Lim.	6.5	351	61	0.17	163	22	0.13	131	31	0.24	57	8	0.14			
00403	PH, LAB	Fresh Chronic	9.	127	0	0.00	64	0	0.00	41	0	0.00	22	0	0.00			
		Other-Lo Lim.	6.5	127	14	0.11	64	11	0.17	41	1	0.02	22	2	0.09			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	4	0	0.00	2	0	0.00				2	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	119	119	1.00	60	60	1.00	38	38	1.00	21	21	1.00			
		Drinking Water	250.	119	119	1.00	60	60	1.00	38	38	1.00	21	21	1.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	28	24	0.86	13	12	0.92	11	9	0.82	4	3	0.75			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	70	68	0.97	35	34	0.97	23	22	0.96	12	12	1.00			
82078	TURBIDITY, FIELD	Other-Hi Lim.	50.	294	4	0.01	129	2	0.02	117	2	0.02	48	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00				1	0	0.00						

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

Station: FOPU0046 Parameter Code: 00300

OXYGEN, DISSOLVED



SAVANNAH R. - CROSSING RANGE NEAR BUOY

Annual Analysis for 1968 - Station FOPU0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	36	11.5	11.5	20.	3.	74.314	8.621	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/68-11/07/96	33	28.2	25.003	30.5	9.	46.392	6.811	11.38	21.	30.	30.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/68-11/03/81	27	23000.	24314.815	42500.	11500.	76278041.311	8733.73	14060.	18000.	30000.	40000.
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-11/07/96	36	4.	4.361	7.8	2.1	2.946	1.717	2.47	2.775	5.75	7.36
00310	BOD, 5 DAY, 20 DEG C MG/L	03/20/68-08/19/76	33	1.4	1.467	2.5	0.5	0.268	0.518	0.8	1.1	1.8	2.32
00403	PH, LAB, STANDARD UNITS SU	02/15/68-08/19/76	36	6.8	6.772	7.4	5.8	0.127	0.357	6.17	6.6	7.	7.2
00403	CONVERTED PH, LAB, STANDARD UNITS	02/15/68-08/19/76	36	6.8	6.605	7.4	5.8	0.156	0.395	6.17	6.6	7.	7.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/15/68-08/19/76	36	0.158	0.248	1.585	0.04	0.086	0.294	0.063	0.1	0.251	0.68
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/21/68-08/19/76	29	80.	76.172	180.	18.	1120.719	33.477	46.	50.	93.	107.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/15/68-08/19/76	35	106.	125.2	339.	35.	4714.224	68.66	52.4	75.	165.	213.8
00940	CHLORIDE,TOTAL IN WATER MG/L	02/15/68-08/19/76	32	9299.	9710.875	17300.	3300.	13967739.339	3737.344	5290.	6500.	13100.	15370.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-08/19/76	15	2300.	4704.667	34800.	500.	72162155.238	8494.831	854.	1300.	3480.	18120.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-08/19/76	15	3.362	3.397	4.542	2.699	0.185	0.43	2.902	3.114	3.542	4.124
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2495.546								

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

Annual Analysis for 1969 - Station FOPU0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	20	11.5	11.5	20.	3.	76.053	8.721	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/68-11/07/96	18	19.9	18.683	29.3	8.9	54.357	7.373	8.99	10.275	26.	27.41
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/68-11/03/81	18	22125.	25500.	44000.	12000.	104375000.	10216.408	14250.	16375.	35250.	40400.
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-11/07/96	19	6.	5.642	8.8	1.8	5.694	2.386	2.3	3.1	7.8	8.8
00310	BOD, 5 DAY, 20 DEG C MG/L	03/20/68-08/19/76	20	1.2	1.225	2.	0.4	0.225	0.474	0.51	0.85	1.6	1.9
00403	PH, LAB, STANDARD UNITS SU	02/15/68-08/19/76	17	6.8	6.859	7.4	6.2	0.124	0.352	6.36	6.55	7.2	7.32
00403	CONVERTED PH, LAB, STANDARD UNITS	02/15/68-08/19/76	17	6.8	6.724	7.4	6.2	0.143	0.379	6.36	6.55	7.2	7.32
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/15/68-08/19/76	17	0.158	0.189	0.631	0.04	0.026	0.162	0.048	0.063	0.284	0.445
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/21/68-08/19/76	20	82.5	88.65	165.	22.	1301.503	36.076	26.9	65.	109.5	147.5
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/15/68-08/19/76	20	144.5	167.6	409.	59.	7046.884	83.946	70.2	112.5	220.5	275.5
00940	CHLORIDE,TOTAL IN WATER MG/L	02/15/68-08/19/76	17	7900.	9035.294	16200.	4000.	14289926.471	3780.202	4880.	5850.	12200.	15000.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-08/19/76	5	3300.	3304.	7900.	200.	10704080.	3271.709	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-08/19/76	5	3.519	3.15	3.898	2.301	0.59	0.768	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1412.401								

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

Annual Analysis for 1970 - Station FOPU0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	22	11.5	11.5	20.	3.	75.69	8.7	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/68-11/07/96	18	24.95	23.017	29.2	12.	43.494	6.595	12.09	16.75	28.675	29.11
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/68-11/03/81	22	23125.	23868.182	35000.	12000.	45393939.394	6737.502	12890.	19750.	29250.	33700.
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-11/07/96	21	4.5	5.186	8.8	2.5	4.51	2.124	2.52	3.15	7.25	7.8
00310	BOD, 5 DAY, 20 DEG C MG/L	03/20/68-08/19/76	22	1.25	1.395	3.1	0.6	0.397	0.63	0.8	0.975	1.65	2.51
00403	PH, LAB, STANDARD UNITS SU	02/15/68-08/19/76	22	7.05	7.091	7.9	6.5	0.174	0.417	6.6	6.8	7.425	7.74
00403	CONVERTED PH, LAB, STANDARD UNITS	02/15/68-08/19/76	22	7.047	6.931	7.9	6.5	0.201	0.448	6.6	6.8	7.425	7.74
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/15/68-08/19/76	22	0.09	0.117	0.316	0.013	0.008	0.09	0.019	0.038	0.158	0.251
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/21/68-08/19/76	20	75.	77.15	100.	53.	215.713	14.687	55.4	65.75	90.75	99.5
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/15/68-08/19/76	20	117.5	128.65	450.	24.	9188.976	95.859	40.6	54.	176.	214.5
00940	CHLORIDE,TOTAL IN WATER MG/L	02/15/68-08/19/76	22	9550.	9854.545	14200.	5600.	6649264.069	2578.617	6140.	7975.	12200.	13740.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-08/19/76	11	1500.	3216.	16000.	36.	21289268.	4614.029	52.8	330.	4300.	13884.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-08/19/76	11	3.176	3.065	4.204	1.556	0.597	0.773	1.661	2.519	3.633	4.11
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1162.002								

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

Annual Analysis for 1971 - Station FOPU0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	17	3.	11.	20.	3.	76.5	8.746	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/68-11/07/96	17	20.	19.329	28.	10.2	45.972	6.78	10.36	11.75	26.	28.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/68-11/03/81	17	18000.	21058.824	36000.	14000.	58683823.529	7660.537	14400.	15750.	26000.	35200.
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-11/07/96	15	6.9	6.2	8.1	3.1	3.783	1.945	3.34	3.9	7.9	8.1
00310	BOD, 5 DAY, 20 DEG C MG/L	03/20/68-08/19/76	17	0.8	0.771	1.3	0.2	0.115	0.339	0.2	0.45	1.	1.22
00403	PH, LAB, STANDARD UNITS SU	02/15/68-08/19/76	17	7.2	7.294	8.	6.7	0.129	0.36	6.78	7.05	7.55	7.84
00403	CONVERTED PH, LAB, STANDARD UNITS	02/15/68-08/19/76	17	7.2	7.171	8.	6.7	0.146	0.381	6.78	7.05	7.55	7.84
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/15/68-08/19/76	17	0.063	0.068	0.2	0.01	0.003	0.051	0.015	0.03	0.09	0.167
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/21/68-08/19/76	16	55.5	61.438	93.	46.	230.663	15.188	46.7	50.	73.5	90.9
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/15/68-08/19/76	14	41.	42.786	70.	25.	216.335	14.708	26.5	29.5	57.	64.
00940	CHLORIDE,TOTAL IN WATER MG/L	02/15/68-08/19/76	15	8000.	8976.667	16000.	5250.	11613880.952	3407.914	5580.	6700.	11500.	15100.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-08/19/76	9	2300.	3147.778	9300.	930.	6531044.444	2555.591	930.	1500.	4100.	9300.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-08/19/76	9	3.362	3.4	3.968	2.968	0.088	0.297	2.968	3.176	3.612	3.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2511.157								

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

Annual Analysis for 1972 - Station FOPU0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/68-11/07/96	11	21.5	20.991	30.2	13.	30.741	5.544	13.3	15.9	25.8	29.56
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/07/72-08/15/96	7	22.	22.729	31.8	15.	33.499	5.788	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-11/07/96	11	18500.	17263.636	26900.	6700.	28092545.455	5300.24	7860.	14000.	20000.	25720.
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-11/07/96	11	5.4	5.127	7.4	2.7	2.934	1.713	2.7	3.4	6.4	7.32
00310	BOD, 5 DAY, 20 DEG C MG/L	03/20/68-08/19/76	11	0.6	0.673	1.	0.5	0.026	0.162	0.5	0.5	0.8	0.96
00403	PH, LAB, STANDARD UNITS SU	02/15/68-08/19/76	11	7.1	7.091	7.5	6.9	0.037	0.192	6.9	6.9	7.2	7.44
00403	CONVERTED PH, LAB, STANDARD UNITS	02/15/68-08/19/76	11	7.1	7.056	7.5	6.9	0.038	0.196	6.9	6.9	7.2	7.44
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/15/68-08/19/76	11	0.079	0.088	0.126	0.032	0.001	0.034	0.038	0.063	0.126	0.126
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/21/68-08/19/76	10	53.	49.3	76.	10.	284.233	16.859	13.1	41.75	56.	74.3
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/15/68-08/19/76	10	31.5	45.2	170.	18.	2082.622	45.636	18.1	21.25	44.	159.2
00940	CHLORIDE,TOTAL IN WATER MG/L	02/15/68-08/19/76	11	6600.	6402.273	11250.	2250.	6026806.818	2454.956	2670.	4400.	7750.	10575.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-08/19/76	11	2300.	4278.182	15000.	230.	18702656.364	4324.657	270.	2300.	4300.	13860.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-08/19/76	11	3.362	3.408	4.176	2.362	0.276	0.525	2.416	3.362	3.633	4.135
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2558.097								

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

Annual Analysis for 1973 - Station FOPU0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/68-11/07/96	10	19.25	20.95	28.5	12.	34.358	5.862	12.35	16.625	27.625	28.45
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-11/07/96	10	14750.	16630.	34800.	7400.	77940111.111	8828.37	7460.	9425.	21250.	34120.
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-11/07/96	10	6.15	5.8	8.4	3.5	3.02	1.738	3.52	3.925	7.35	8.31
00310	BOD, 5 DAY, 20 DEG C MG/L	03/20/68-08/19/76	10	0.65	1.04	4.6	0.3	1.618	1.272	0.32	0.5	0.825	4.26
00403	PH, LAB, STANDARD UNITS SU	02/15/68-08/19/76	10	7.15	7.14	7.8	6.5	0.149	0.386	6.54	6.9	7.325	7.79
00403	CONVERTED PH, LAB, STANDARD UNITS	02/15/68-08/19/76	10	7.147	7.001	7.8	6.5	0.171	0.413	6.54	6.9	7.325	7.79
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/15/68-08/19/76	10	0.071	0.1	0.316	0.016	0.007	0.086	0.016	0.052	0.126	0.297
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/21/68-08/19/76	10	42.	47.9	81.	31.	324.322	18.009	31.1	33.5	64.75	80.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/15/68-08/19/76	10	25.	29.4	58.	17.	186.933	13.672	17.	17.75	37.25	56.9
00940	CHLORIDE,TOTAL IN WATER MG/L	02/15/68-08/19/76	9	4000.	6071.667	12700.	2950.	14969100.	3868.992	2950.	3137.5	9950.	12700.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-08/19/76	10	4300.	8103.	23000.	930.	69789867.778	8354.033	1067.	2300.	12725.	23000.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-08/19/76	10	3.633	3.698	4.362	2.968	0.212	0.46	3.008	3.362	4.067	4.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4990.022								

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

Annual Analysis for 1974 - Station FOPU0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	5	20.	20.	20.	20.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/68-11/07/96	10	18.15	17.89	23.2	13.5	11.128	3.336	13.5	15.375	19.9	23.17
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-11/07/96	10	17950.	18050.	27000.	9800.	28887222.222	5374.683	9850.	14350.	22825.	26590.
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-11/07/96	8	7.15	6.575	7.8	4.6	1.494	1.222	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	03/20/68-08/19/76	10	0.7	0.81	1.9	0.1	0.334	0.578	0.11	0.425	1.1	1.88
00400p	PH (STANDARD UNITS)	01/15/74-11/07/96	10	7.25	7.32	7.8	6.9	0.104	0.322	6.91	7.075	7.65	7.8
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-11/07/96	10	7.247	7.226	7.8	6.9	0.114	0.337	6.91	7.075	7.65	7.8
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-11/07/96	10	0.057	0.059	0.126	0.016	0.001	0.037	0.016	0.023	0.085	0.123
00403	PH, LAB, STANDARD UNITS SU	02/15/68-08/19/76	10	7.7	7.68	8.	7.3	0.053	0.23	7.31	7.475	7.85	8.
00403	CONVERTED PH, LAB, STANDARD UNITS	02/15/68-08/19/76	10	7.7	7.625	8.	7.3	0.056	0.237	7.31	7.475	7.85	8.
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/15/68-08/19/76	10	0.02	0.024	0.05	0.01	0.	0.013	0.01	0.014	0.034	0.049
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/21/68-08/19/76	10	57.5	59.6	81.	40.	176.711	13.293	40.4	50.75	70.5	80.7
00480p	SALINITY - PARTS PER THOUSAND	02/05/74-05/14/91	7	13.2	14.157	19.7	11.2	9.31	3.051	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/15/68-08/19/76	9	32.	30.333	64.	12.	256.25	16.008	12.	15.	36.	64.
00940	CHLORIDE,TOTAL IN WATER MG/L	02/15/68-08/19/76	9	7800.	7855.556	12500.	4150.	6444652.778	2538.632	4150.	5900.	9550.	12500.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-08/19/76	5	4300.	3500.	4300.	2300.	1200000.	1095.445	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-08/19/76	5	3.633	3.525	3.633	3.362	0.022	0.149	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3347.898								

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

Annual Analysis for 1976 - Station FOPU0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	13	3.	10.846	20.	3.	77.808	8.821	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/68-11/07/96	16	25.	22.131	29.	10.3	45.481	6.744	10.3	15.025	27.9	28.3
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/07/72-08/15/96	15	24.	19.373	32.	4.	100.095	10.005	4.	8.4	26.	32.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-11/07/96	12	24850.	23833.333	42300.	6500.	131898787.879	11484.72	7280.	14600.	32075.	41280.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/68-11/03/81	4	18850.	18350.	22700.	13000.	18296666.667	4277.46	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-11/07/96	16	5.35	6.031	8.8	4.3	2.493	1.579	4.44	4.8	7.825	8.59
00310	BOD, 5 DAY, 20 DEG C MG/L	03/20/68-08/19/76	4	1.3	1.3	2.1	0.5	0.533	0.73	**	**	**	**
00400p	PH (STANDARD UNITS)	01/15/74-11/07/96	12	6.85	6.842	7.8	5.9	0.435	0.66	5.9	6.25	7.475	7.74
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-11/07/96	12	6.825	6.447	7.8	5.9	0.605	0.778	5.9	6.25	7.475	7.74
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-11/07/96	12	0.15	0.357	1.259	0.016	0.211	0.459	0.019	0.034	0.573	1.259
00403	PH, LAB, STANDARD UNITS SU	02/15/68-08/19/76	4	7.7	7.725	7.9	7.6	0.023	0.15	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	02/15/68-08/19/76	4	7.689	7.706	7.9	7.6	0.023	0.152	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/15/68-08/19/76	4	0.02	0.02	0.025	0.013	0.	0.006	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/21/68-08/19/76	4	63.5	61.5	64.	55.	19.	4.359	**	**	**	**
00480p	SALINITY - PARTS PER THOUSAND	02/05/74-05/14/91	12	16.4	15.467	25.7	4.4	52.65	7.256	4.91	8.8	21.375	24.98
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/15/68-08/19/76	4	4.5	5.75	10.	4.	8.25	2.872	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	02/15/68-08/19/76	4	8100.	8100.	9700.	6500.	2033333.333	1425.95	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-08/19/76	4	3300.	4275.	9300.	1200.	12869166.667	3587.362	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-08/19/76	4	3.498	3.511	3.968	3.079	0.144	0.38	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3241.269								
82078p	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	07/06/76-05/14/91	10	18.5	50.6	225.	8.	5533.822	74.39	8.4	14.25	53.25	217.5

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

Annual Analysis for 1977 - Station FOPU0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	20	11.5	11.5	20.	3.	76.053	8.721	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/68-11/07/96	20	18.	17.37	29.	6.	57.964	7.613	6.5	11.625	22.875	28.48
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/07/72-08/15/96	20	16.65	17.81	30.	5.	69.414	8.331	5.45	10.	26.	29.83
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-11/07/96	19	22300.	22681.579	43000.	3850.	112705891.813	10616.303	8000.	13000.	30000.	39000.

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Annual Analysis for 1977 - Station FOPU0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-11/07/96	19	6.8	7.221	10.	4.6	3.137	1.771	5.4	5.7	8.9	9.8
00400p	PH (STANDARD UNITS)	01/15/74-11/07/96	19	7.	7.253	8.3	6.5	0.364	0.603	6.7	6.8	7.7	8.3
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-11/07/96	19	7.	6.999	8.3	6.5	0.432	0.657	6.7	6.8	7.7	8.3
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-11/07/96	19	0.1	0.1	0.316	0.005	0.007	0.081	0.005	0.02	0.158	0.2
00480p	SALINITY - PARTS PER THOUSAND	02/05/74-05/14/91	11	21.9	23.309	39.	16.	41.989	6.48	16.	19.8	27.	36.6
82078p	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	07/06/76-05/14/91	19	12.	17.211	80.	6.	281.842	16.788	7.	7.	21.	30.

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Annual Analysis for 1978 - Station FOPU0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	24	11.5	11.5	20.	3.	75.391	8.683	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/68-11/07/96	24	19.75	20.063	30.	6.	55.637	7.459	8.25	13.5	27.375	29.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/07/72-08/15/96	24	22.5	21.917	31.	6.	51.906	7.205	9.5	17.25	28.	30.5
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-11/07/96	22	25150.	25650.	45900.	6500.	142528333.333	11938.523	9850.	15775.	37925.	42100.
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-11/07/96	24	6.25	6.758	10.8	4.6	3.442	1.855	4.85	5.325	8.4	9.9
00400p	PH (STANDARD UNITS)	01/15/74-11/07/96	22	7.65	7.541	8.3	6.4	0.243	0.492	6.58	7.325	7.9	7.97
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-11/07/96	22	7.647	7.194	8.3	6.4	0.368	0.607	6.58	7.325	7.9	7.97
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-11/07/96	22	0.023	0.064	0.398	0.005	0.012	0.112	0.011	0.013	0.05	0.309
00480p	SALINITY - PARTS PER THOUSAND	02/05/74-05/14/91	24	15.95	16.958	27.7	6.	42.59	6.526	8.05	12.125	23.95	26.05
82078p	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	07/06/76-05/14/91	22	12.5	13.227	34.	3.	80.565	8.976	3.3	6.	17.25	31.3

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Annual Analysis for 1979 - Station FOPU0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	36	11.5	11.5	20.	3.	74.314	8.621	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/68-11/07/96	36	19.75	19.358	29.5	8.5	46.477	6.817	8.85	13.25	25.75	27.05
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/07/72-08/15/96	36	21.	19.475	30.	3.	72.47	8.513	6.15	11.875	27.3	28.6
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-11/07/96	18	22500.	23461.111	44000.	8300.	132978986.928	11531.652	8300.	12725.	36250.	40400.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/68-11/03/81	9	23900.	23902.778	40000.	25.	179183194.444	13385.933	25.	14800.	37400.	40000.
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-11/07/96	36	7.05	6.972	9.6	5.	2.06	1.435	5.27	5.65	8.35	9.01
00400p	PH (STANDARD UNITS)	01/15/74-11/07/96	35	7.5	7.446	8.1	6.1	0.331	0.575	6.8	7.	8.	8.1
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-11/07/96	35	7.5	7.023	8.1	6.1	0.515	0.717	6.8	7.	8.	8.1
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-11/07/96	35	0.032	0.095	0.794	0.008	0.033	0.183	0.008	0.01	0.1	0.158
00480p	SALINITY - PARTS PER THOUSAND	02/05/74-05/14/91	27	16.5	16.733	27.	6.	59.382	7.706	6.	8.5	24.	26.36
82078p	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	07/06/76-05/14/91	24	13.25	15.242	31.	4.3	55.582	7.455	6.8	10.25	21.25	27.5

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

Annual Analysis for 1980 - Station FOPU0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	22	11.5	11.5	20.	3.	75.69	8.7	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/68-11/07/96	20	20.	18.55	28.	7.5	52.918	7.275	8.65	11.125	26.	27.9
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/07/72-08/15/96	22	24.5	22.	34.	5.	92.429	9.614	6.95	12.	30.	33.55
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-11/07/96	20	26350.	27750.	43500.	11400.	80234210.526	8957.355	14850.	21250.	34500.	41840.
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-11/07/96	20	6.55	7.09	10.6	4.	3.221	1.795	5.07	5.825	8.5	10.33
00400p	PH (STANDARD UNITS)	01/15/74-11/07/96	16	7.9	7.737	8.2	6.9	0.196	0.443	6.9	7.4	8.1	8.2
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-11/07/96	16	7.9	7.495	8.2	6.9	0.259	0.509	6.9	7.4	8.1	8.2
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-11/07/96	16	0.013	0.032	0.126	0.006	0.002	0.04	0.006	0.008	0.04	0.126

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

Annual Analysis for 1980 - Station FOPU0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00480p	SALINITY - PARTS PER THOUSAND	02/05/74-05/14/91	18	19.35	19.8	29.2	9.3	36.974	6.081	9.93	14.9	25.2	28.03
82078p	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	07/06/76-05/14/91	22	7.	7.5	23.	2.	19.31	4.394	4.	5.	9.	13.5

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

Annual Analysis for 1981 - Station FOPU0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	24	3.	10.083	20.	3.	73.297	8.561	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/68-11/07/96	24	19.75	19.733	29.2	8.	51.922	7.206	9.25	13.125	27.	29.2
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/07/72-08/15/96	24	22.75	22.646	32.	10.5	54.358	7.373	12.75	16.	32.	32.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-11/07/96	19	34000.	33215.789	46000.	16800.	62336959.064	7895.376	22900.	28200.	37000.	45100.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/68-11/03/81	4	32250.	30375.	34100.	22900.	27635833.333	5256.979	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-11/07/96	24	7.3	7.083	10.	4.8	3.059	1.749	5.1	5.35	8.4	9.9
00400p	PH (STANDARD UNITS)	01/15/74-11/07/96	19	6.3	6.637	8.1	5.6	0.667	0.817	5.6	6.2	7.2	8.1
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-11/07/96	19	6.3	6.172	8.1	5.6	0.895	0.946	5.6	6.2	7.2	8.1
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-11/07/96	19	0.501	0.672	2.512	0.008	0.729	0.854	0.008	0.063	0.631	2.512
00480p	SALINITY - PARTS PER THOUSAND	02/05/74-05/14/91	24	21.4	22.363	30.	13.7	21.054	4.588	16.05	19.2	26.45	29.
82078p	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	07/06/76-05/14/91	20	11.5	16.55	50.	5.	185.208	13.609	5.	6.25	26.	41.5

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

Annual Analysis for 1982 - Station FOPU0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	24	20.	12.208	20.	3.	74.868	8.653	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/68-11/07/96	23	20.	20.609	29.	10.	48.226	6.945	10.4	12.	28.	28.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/07/72-08/15/96	23	23.	22.739	31.	10.	40.202	6.34	10.8	20.	29.	30.2
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-11/07/96	23	30000.	29000.	44100.	10600.	98972727.273	9948.504	12340.	23000.	35500.	41680.
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-11/07/96	23	6.4	6.817	9.3	4.7	2.541	1.594	4.88	5.3	8.7	9.12
00400p	PH (STANDARD UNITS)	01/15/74-11/07/96	20	6.7	6.585	7.3	5.8	0.148	0.384	6.11	6.225	6.8	7.17
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-11/07/96	20	6.7	6.425	7.3	5.8	0.175	0.418	6.11	6.225	6.8	7.17
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-11/07/96	20	0.2	0.376	1.585	0.05	0.131	0.362	0.069	0.158	0.599	0.778
00480p	SALINITY - PARTS PER THOUSAND	02/05/74-05/14/91	23	20.8	19.53	29.8	6.8	44.336	6.659	9.82	13.2	25.4	27.98
82078p	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	07/06/76-05/14/91	23	11.	15.391	46.	2.	167.794	12.954	3.8	5.	18.	44.

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Annual Analysis for 1983 - Station FOPU0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	21	20.	11.905	20.	3.	75.69	8.7	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/68-11/07/96	20	19.5	19.075	29.5	8.	58.823	7.67	8.1	12.625	25.5	29.45
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/07/72-08/15/96	20	20.	20.675	34.5	6.	96.902	9.844	6.25	11.	28.	34.35
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-11/07/96	20	24600.	24245.	36800.	9000.	48460500.	6961.358	14040.	20900.	29700.	33880.
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-11/07/96	20	7.1	7.065	10.1	2.7	5.225	2.286	3.62	5.825	9.35	9.79
00400p	PH (STANDARD UNITS)	01/15/74-11/07/96	18	6.45	6.811	7.8	6.2	0.333	0.577	6.29	6.3	7.3	7.8
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-11/07/96	18	6.447	6.554	7.8	6.2	0.403	0.635	6.29	6.3	7.3	7.8
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-11/07/96	18	0.357	0.279	0.631	0.016	0.05	0.223	0.016	0.05	0.501	0.514
00480p	SALINITY - PARTS PER THOUSAND	02/05/74-05/14/91	20	16.35	16.8	27.	7.8	26.503	5.148	9.15	13.9	19.55	25.87
82078p	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	07/06/76-05/14/91	20	10.5	10.8	25.	4.	33.747	5.809	4.	7.	12.75	22.5

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Annual Analysis for 1984 - Station FOPU0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	14	11.5	11.5	20.	3.	77.808	8.821	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/68-11/07/96	14	22.15	21.664	28.5	11.	35.209	5.934	11.	17.	27.625	28.25
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/07/72-08/15/96	14	18.	22.643	34.	16.	48.978	6.998	16.	17.	30.	34.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-11/07/96	13	16000.	19238.462	37000.	9400.	73840897.436	8593.073	10360.	12250.	26600.	34200.
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-11/07/96	14	5.55	6.2	9.3	4.2	3.068	1.751	4.25	4.625	7.625	9.2
00400p	PH (STANDARD UNITS)	01/15/74-11/07/96	10	7.15	7.2	7.5	7.	0.036	0.189	7.	7.	7.4	7.49
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-11/07/96	10	7.147	7.165	7.5	7.	0.037	0.192	7.	7.	7.4	7.49
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-11/07/96	10	0.071	0.068	0.1	0.032	0.001	0.027	0.032	0.04	0.1	0.1
00480p	SALINITY - PARTS PER THOUSAND	02/05/74-05/14/91	13	11.5	12.092	24.	6.4	25.744	5.074	6.72	7.55	15.4	21.16
82078p	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	07/06/76-05/14/91	12	9.	9.417	21.	4.	18.629	4.316	4.3	6.5	10.	18.3

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Annual Analysis for 1985 - Station FOPU0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	15	3.	22.6	201.	0.	2513.829	50.138	0.	3.	20.	92.4
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/68-11/07/96	10	15.5	16.55	25.	8.	34.358	5.862	8.1	12.75	21.25	25.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/07/72-08/15/96	10	23.	16.94	25.	0.	99.038	9.952	0.	9.9	23.875	25.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-11/07/96	13	18600.	22015.385	37000.	12500.	80399743.59	8966.59	12500.	15400.	32500.	36200.
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-11/07/96	10	8.1	7.56	9.7	5.2	3.158	1.777	5.2	5.8	9.175	9.7
00400p	PH (STANDARD UNITS)	01/15/74-11/07/96	9	6.8	6.911	7.3	6.5	0.099	0.314	6.5	6.65	7.25	7.3
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-11/07/96	9	6.8	6.818	7.3	6.5	0.108	0.329	6.5	6.65	7.25	7.3
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-11/07/96	9	0.158	0.152	0.316	0.05	0.009	0.097	0.05	0.057	0.225	0.316
00480p	SALINITY - PARTS PER THOUSAND	02/05/74-05/14/91	11	14.7	16.473	25.	10.3	23.686	4.867	10.34	14.	21.	24.4
82078p	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	07/06/76-05/14/91	13	11.	13.308	31.	4.	50.897	7.134	4.8	8.	17.	26.2

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Annual Analysis for 1986 - Station FOPU0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	16	11.5	11.5	20.	3.	77.067	8.779	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/68-11/07/96	14	23.5	19.857	30.	2.5	72.94	8.54	5.	11.5	26.	30.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/07/72-08/15/96	16	25.75	21.281	30.	3.	83.332	9.129	3.	13.375	26.875	30.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-11/07/96	16	20250.	21481.25	31200.	11000.	52306958.333	7232.355	12610.	15000.	28875.	30710.
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-11/07/96	16	5.95	6.188	8.9	2.7	3.505	1.872	3.19	5.	8.05	8.9
00400p	PH (STANDARD UNITS)	01/15/74-11/07/96	16	7.05	7.094	7.4	6.8	0.041	0.202	6.8	6.925	7.3	7.4
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-11/07/96	16	7.047	7.052	7.4	6.8	0.043	0.206	6.8	6.925	7.3	7.4
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-11/07/96	16	0.09	0.089	0.158	0.04	0.002	0.039	0.04	0.05	0.119	0.158
00480p	SALINITY - PARTS PER THOUSAND	02/05/74-05/14/91	16	15.15	15.206	20.3	10.5	15.211	3.9	10.64	11.2	19.125	20.09
82078p	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	07/06/76-05/14/91	16	13.	11.75	21.	5.	21.	4.583	5.	7.25	15.	17.5

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Annual Analysis for 1987 - Station FOPU0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	24	11.5	11.5	20.	3.	75.391	8.683	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/68-11/07/96	24	19.25	19.708	31.	9.5	57.868	7.607	10.	12.75	27.	30.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/07/72-08/15/96	24	18.	20.25	33.	5.5	75.457	8.687	8.75	13.5	29.25	32.5
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-11/07/96	24	22150.	22312.5	35900.	10900.	51691576.087	7189.685	11650.	17250.	28475.	32100.
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-11/07/96	24	6.95	7.171	9.3	4.4	2.903	1.704	4.95	5.65	8.975	9.3

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Annual Analysis for 1987 - Station FOPU0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400p	PH (STANDARD UNITS)	01/15/74-11/07/96	24	6.8	6.796	7.2	6.2	0.074	0.273	6.35	6.625	6.975	7.2
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-11/07/96	24	6.8	6.707	7.2	6.2	0.083	0.287	6.35	6.625	6.975	7.2
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-11/07/96	24	0.158	0.196	0.631	0.063	0.022	0.15	0.063	0.106	0.238	0.474
00480p	SALINITY - PARTS PER THOUSAND	02/05/74-05/14/91	24	15.25	15.204	25.8	9.	22.194	4.711	9.1	11.65	18.725	22.8
82078p	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	07/06/76-05/14/91	23	8.	8.435	16.	4.	11.802	3.435	4.4	5.	10.	14.8

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

Annual Analysis for 1988 - Station FOPU0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	25	3.	11.16	20.	3.	75.14	8.668	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/68-11/07/96	24	22.55	20.463	30.2	9.2	61.155	7.82	10.15	11.05	27.45	29.1
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/07/72-08/15/96	24	20.5	19.417	32.	3.	75.732	8.702	4.5	14.75	27.5	31.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-11/07/96	25	23200.	24552.	32700.	11900.	33342600.	5774.305	16620.	21350.	30800.	32000.
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-11/07/96	24	5.95	6.629	10.6	3.6	4.787	2.188	3.85	4.9	8.75	9.95
00400p	PH (STANDARD UNITS)	01/15/74-11/07/96	24	7.	6.957	7.4	6.1	0.118	0.344	6.4	6.725	7.248	7.35
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-11/07/96	24	7.	6.798	7.4	6.1	0.144	0.38	6.4	6.725	7.247	7.35
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-11/07/96	24	0.1	0.159	0.794	0.04	0.033	0.182	0.045	0.057	0.189	0.441
00480p	SALINITY - PARTS PER THOUSAND	02/05/74-05/14/91	24	18.75	16.408	21.2	8.3	14.696	3.833	10.35	13.	19.275	20.3
82078p	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	07/06/76-05/14/91	24	6.	7.042	16.	3.	8.303	2.881	4.	5.	8.75	11.

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Annual Analysis for 1989 - Station FOPU0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	22	11.5	11.5	20.	3.	75.69	8.7	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/68-11/07/96	22	18.25	19.014	29.	11.7	35.155	5.929	11.86	13.	22.2	28.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/07/72-08/15/96	20	22.	21.725	33.	11.	41.012	6.404	11.3	18.	24.	31.8
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-11/07/96	22	30800.	30554.545	40500.	21500.	31668311.688	5627.461	21890.	24600.	35125.	37130.
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-11/07/96	22	5.85	6.477	9.1	4.2	2.807	1.675	4.46	5.1	8.525	8.87
00400p	PH (STANDARD UNITS)	01/15/74-11/07/96	22	6.9	6.695	7.6	5.6	0.336	0.579	5.72	6.175	7.2	7.37
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-11/07/96	22	6.9	6.317	7.6	5.6	0.486	0.697	5.72	6.175	7.2	7.37
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-11/07/96	22	0.126	0.482	2.512	0.025	0.518	0.719	0.043	0.063	0.672	2.058
00480p	SALINITY - PARTS PER THOUSAND	02/05/74-05/14/91	22	19.95	19.027	25.9	12.7	15.811	3.976	12.96	14.	22.1	23.47
82078p	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	07/06/76-05/14/91	22	12.	12.227	25.	5.	18.565	4.309	7.6	9.	14.	18.4

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Annual Analysis for 1990 - Station FOPU0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	20	11.5	11.5	20.	3.	76.053	8.721	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/68-11/07/96	20	20.95	19.705	28.9	8.5	48.325	6.952	8.96	13.725	25.4	28.78
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/07/72-08/15/96	20	21.5	20.57	35.	5.	87.857	9.373	5.17	16.	27.	34.5
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-11/07/96	20	21550.	26447.5	44500.	14560.	126197103.947	11233.748	15257.	16550.	40250.	43000.
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-11/07/96	20	5.65	6.11	9.8	3.8	3.253	1.803	3.83	4.75	7.575	9.61
00400p	PH (STANDARD UNITS)	01/15/74-11/07/96	19	7.	6.834	7.6	5.16	0.448	0.669	5.28	6.7	7.3	7.5
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-11/07/96	19	7.	6.12	7.6	5.16	0.986	0.993	5.28	6.7	7.3	7.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-11/07/96	19	0.1	0.759	6.918	0.025	3.61	1.9	0.032	0.05	0.2	5.248
00480p	SALINITY - PARTS PER THOUSAND	02/05/74-05/14/91	20	12.8	16.205	28.8	8.8	56.036	7.486	9.22	9.575	25.5	27.29
82078p	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	07/06/76-05/14/91	16	12.5	14.063	33.	7.	44.863	6.698	7.7	9.	15.	26.7

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

Annual Analysis for 1991 - Station FOPU0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	14	3.	7.857	20.	3.	63.516	7.97	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/68-11/07/96	14	17.75	19.293	28.4	12.3	29.725	5.452	12.35	14.9	23.525	28.1
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/07/72-08/15/96	14	17.	18.25	29.5	9.	43.49	6.595	9.5	13.	22.5	29.25
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-11/07/96	14	24450.	25115.	39600.	12400.	64583150.	8036.364	12855.	21275.	28050.	39300.
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-11/07/96	14	5.9	6.179	7.9	4.4	1.357	1.165	4.7	5.225	7.35	7.75
00400p	PH (STANDARD UNITS)	01/15/74-11/07/96	14	6.8	6.829	7.4	6.6	0.048	0.22	6.6	6.675	7.	7.2
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-11/07/96	14	6.8	6.786	7.4	6.6	0.05	0.224	6.6	6.675	7.	7.2
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-11/07/96	14	0.158	0.164	0.251	0.04	0.004	0.066	0.07	0.1	0.212	0.251
00480p	SALINITY - PARTS PER THOUSAND	02/05/74-05/14/91	8	14.1	12.488	15.	6.8	11.798	3.435	**	**	**	**
82078p	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	07/06/76-05/14/91	8	12.5	13.	21.	7.	25.714	5.071	**	**	**	**

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Annual Analysis for 1992 - Station FOPU0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	12	3.	3.	3.	3.	0.	0.	3.	3.	3.	3.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/68-11/07/96	12	19.05	19.242	28.6	10.1	44.457	6.668	10.19	12.475	25.7	28.24
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/07/72-08/15/96	11	20.	18.727	31.	5.	79.418	8.912	5.4	10.	27.	30.6
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-11/07/96	12	27850.	25381.667	35000.	14280.	40329124.242	6350.522	14316.	21075.	28925.	33890.
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-11/07/96	12	6.4	6.758	9.8	4.6	2.944	1.716	4.72	5.225	8.35	9.59
00400p	PH (STANDARD UNITS)	01/15/74-11/07/96	11	7.1	6.918	7.6	6.2	0.32	0.565	6.2	6.3	7.5	7.6
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-11/07/96	11	7.1	6.616	7.6	6.2	0.42	0.648	6.2	6.3	7.5	7.6
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-11/07/96	11	0.079	0.242	0.631	0.025	0.068	0.261	0.025	0.032	0.501	0.631

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

Annual Analysis for 1993 - Station FOPU0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	9	3.	3.	3.	3.	0.	0.	3.	3.	3.	3.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/68-11/07/96	9	24.2	21.467	29.6	10.7	53.94	7.344	10.7	14.3	28.3	29.6
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/07/72-08/15/96	8	17.	18.	30.	9.	67.214	8.198	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-11/07/96	9	29700.	32322.222	43300.	24500.	40749444.444	6383.529	24500.	28250.	38900.	43300.
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-11/07/96	9	5.3	5.978	8.9	3.3	3.154	1.776	3.3	4.8	7.5	8.9
00400p	PH (STANDARD UNITS)	01/15/74-11/07/96	9	7.5	7.444	7.8	6.9	0.07	0.265	6.9	7.3	7.65	7.8
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-11/07/96	9	7.5	7.363	7.8	6.9	0.078	0.279	6.9	7.3	7.65	7.8
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-11/07/96	9	0.032	0.043	0.126	0.016	0.001	0.033	0.016	0.023	0.05	0.126

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

Annual Analysis for 1994 - Station FOPU0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	11	3.	2.727	3.	0.	0.818	0.905	0.6	3.	3.	3.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/68-11/07/96	11	19.6	19.991	27.7	9.5	47.233	6.873	9.58	13.7	27.2	27.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/07/72-08/15/96	11	21.	18.373	27.	0.	69.888	8.36	1.4	13.	25.	26.6
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-11/07/96	11	28500.	26672.727	35000.	14900.	32304181.818	5683.677	15960.	22400.	29600.	34420.
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-11/07/96	11	6.5	6.5	9.	4.7	2.322	1.524	4.74	5.1	8.1	8.82
00400p	PH (STANDARD UNITS)	01/15/74-11/07/96	11	7.2	7.274	8.	6.8	0.149	0.386	6.8	7.	7.6	7.942
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-11/07/96	11	7.2	7.142	8.	6.8	0.168	0.41	6.8	7.	7.6	7.942
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-11/07/96	11	0.063	0.072	0.158	0.01	0.003	0.052	0.012	0.025	0.1	0.158

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Annual Analysis for 1995 - Station FOPU0046

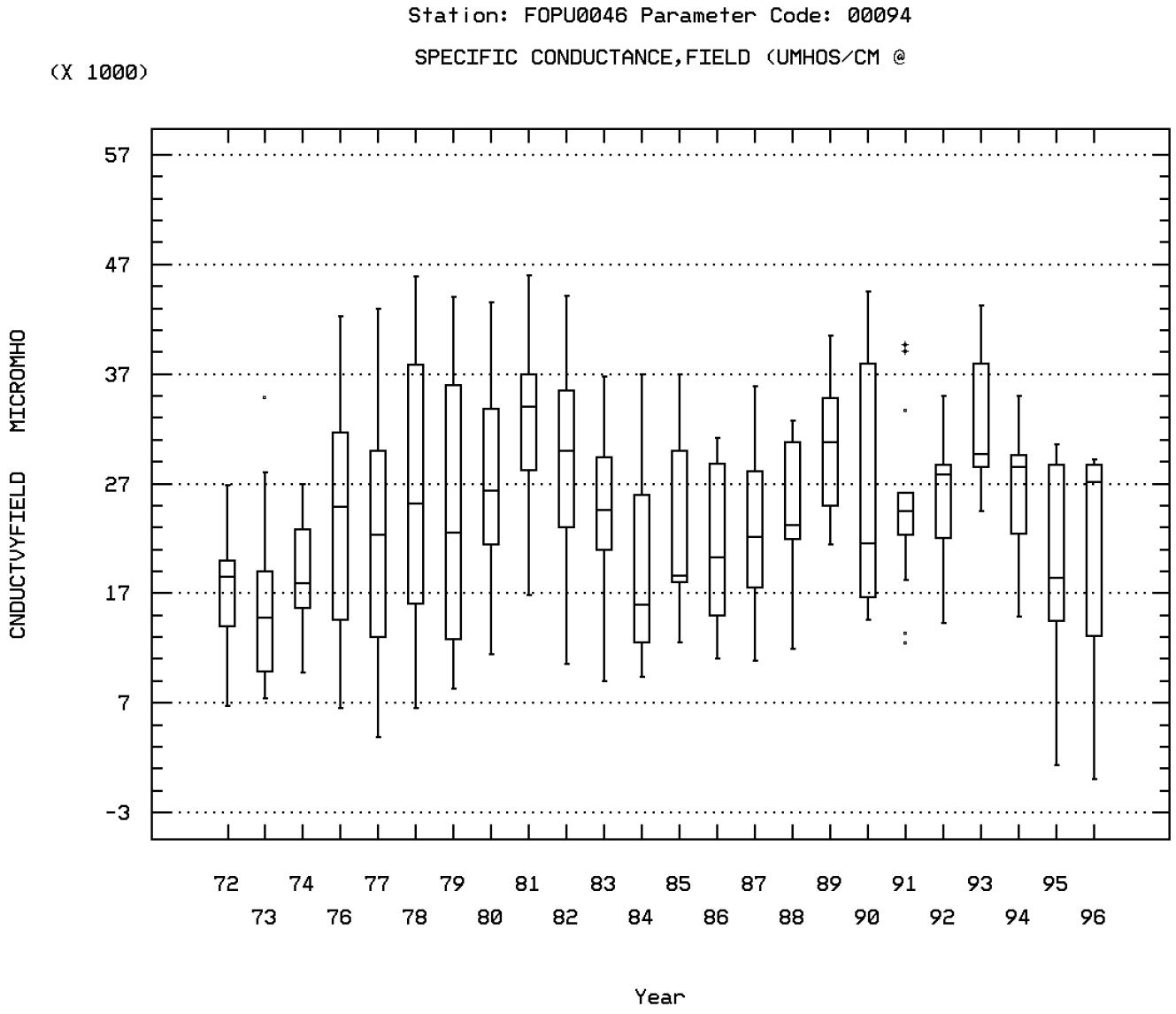
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	8	3.	2.625	3.	0.	1.125	1.061	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/68-11/07/96	7	21.8	20.086	29.7	10.8	48.561	6.969	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/07/72-08/15/96	7	20.	19.857	27.	10.	35.143	5.928	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-11/07/96	7	18400.	18880.429	30600.	1363.	95830614.619	9789.311	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-11/07/96	7	3.9	4.643	8.8	1.7	4.9	2.213	**	**	**	**
00400p	PH (STANDARD UNITS)	01/15/74-11/07/96	7	7.34	7.264	8.07	6.67	0.218	0.467	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-11/07/96	7	7.34	7.082	8.07	6.67	0.257	0.507	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-11/07/96	7	0.046	0.083	0.214	0.009	0.006	0.075	**	**	**	**

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

Annual Analysis for 1996 - Station FOPU0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	4	1.5	1.5	3.	0.	3.	1.732	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/68-11/07/96	4	17.8	18.225	28.	9.3	62.362	7.897	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/07/72-08/15/96	3	22.	20.333	35.	4.	242.333	15.567	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-11/07/96	4	27200.	20908.	29200.	32.	195387722.667	13978.116	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-11/07/96	4	6.45	6.7	8.4	5.5	1.527	1.236	**	**	**	**
00400p	PH (STANDARD UNITS)	01/15/74-11/07/96	4	7.305	7.203	7.68	6.52	0.244	0.494	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-11/07/96	4	7.295	6.974	7.68	6.52	0.314	0.56	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-11/07/96	4	0.051	0.106	0.302	0.021	0.017	0.132	**	**	**	**

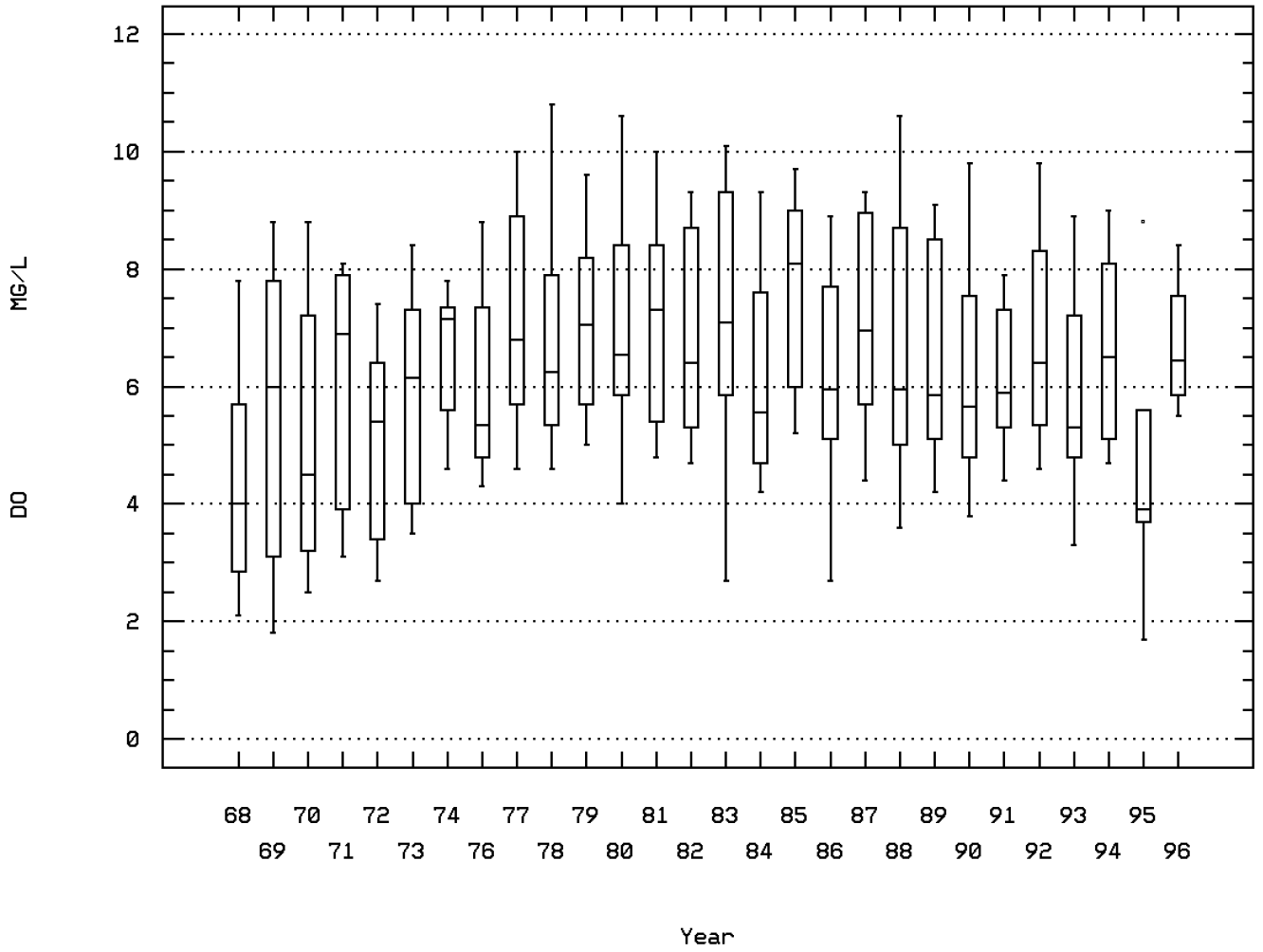
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot



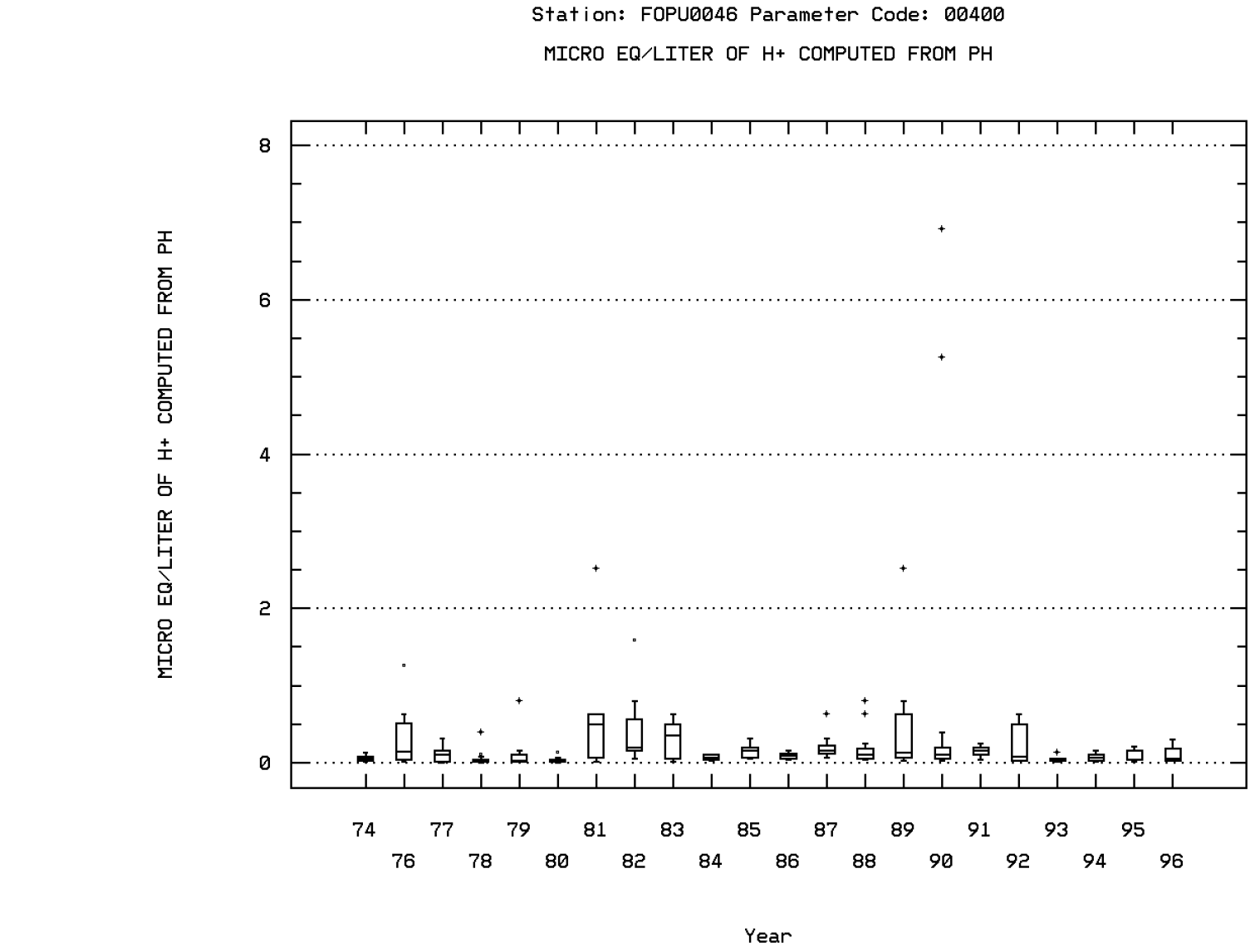
SAVANNAH R. - CROSSING RANGE NEAR BUOY

Station: FOPU0046 Parameter Code: 00300

OXYGEN, DISSOLVED



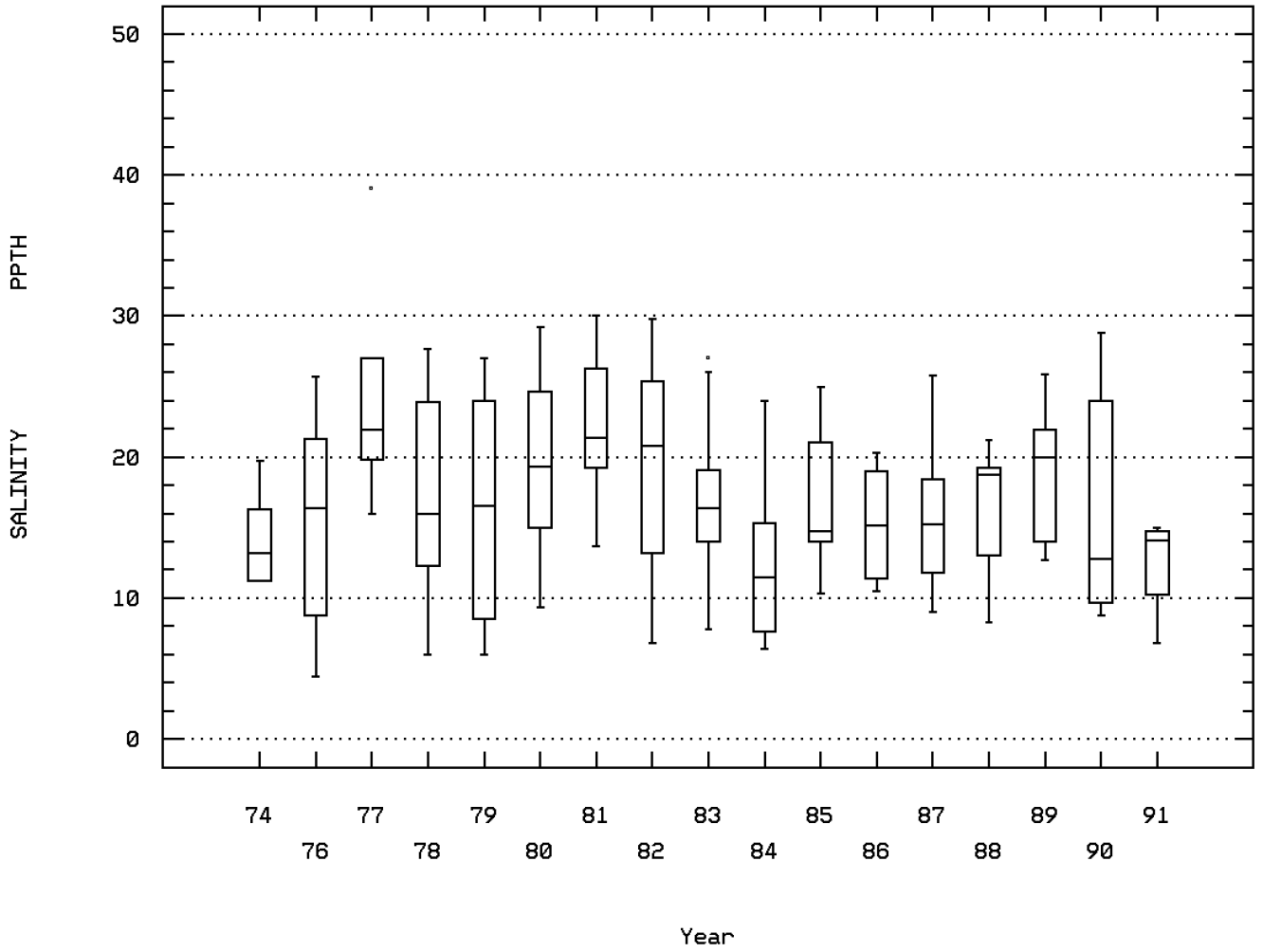
SAVANNAH R. - CROSSING RANGE NEAR BUOY



SAVANNAH R. - CROSSING RANGE NEAR BUOY

Station: FOPU0046 Parameter Code: 00480

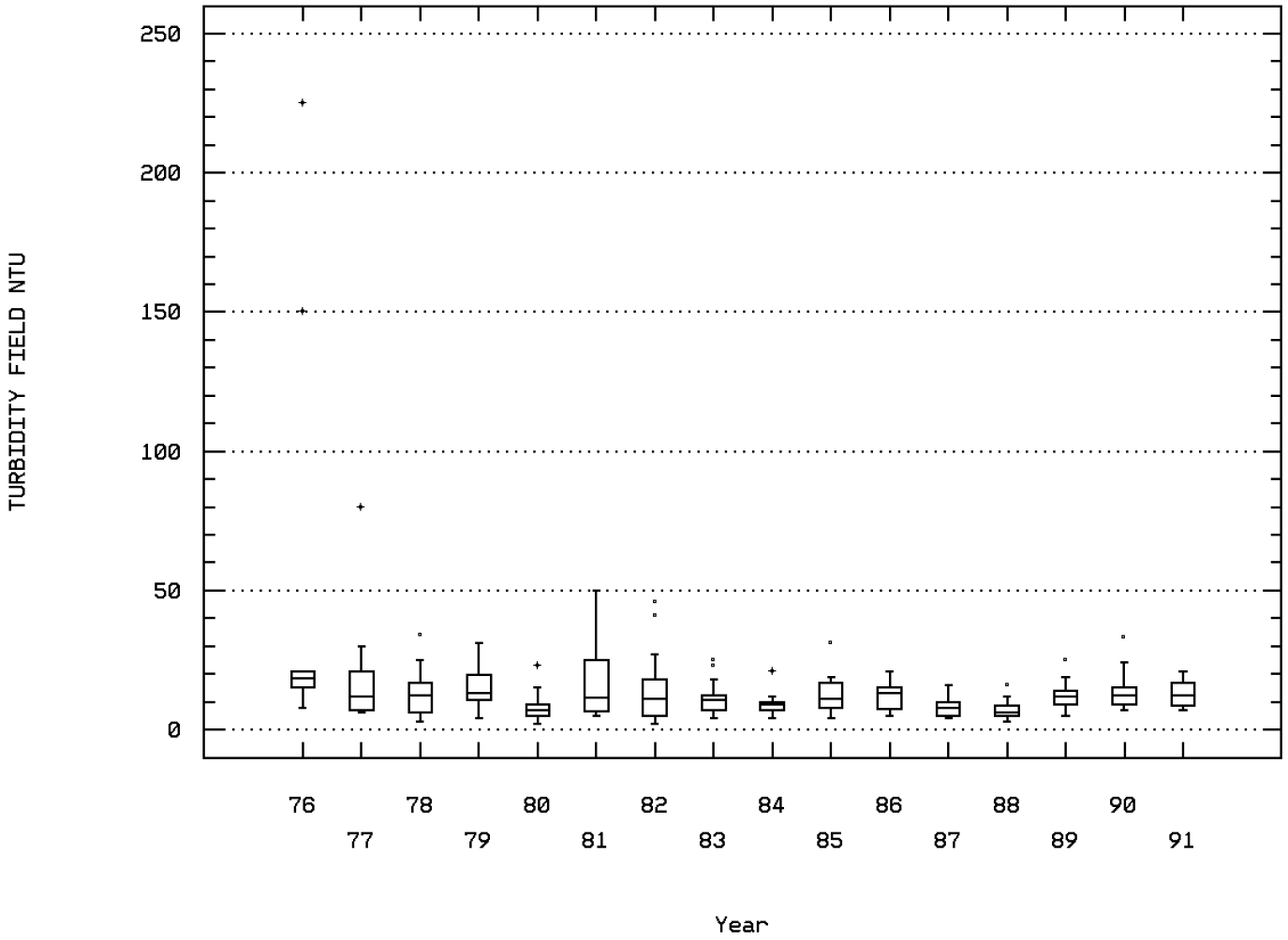
SALINITY - PARTS PER THOUSAND



SAVANNAH R. - CROSSING RANGE NEAR BUOY

Station: FOPU0046 Parameter Code: 82078

TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY



SAVANNAH R. - CROSSING RANGE NEAR BUOY

Seasonal Analysis for Season #1: 6/01 to 11/14 - Station FOPU0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	227	3.	10.313	20.	0.	71.685	8.467	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/68-11/07/96	237	26.5	25.668	31.	13.1	14.156	3.762	19.5	23.65	28.5	30.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/07/72-08/15/96	178	27.	25.99	35.	4.	34.136	5.843	19.5	23.	30.	32.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-11/07/96	170	29000.	29841.365	46000.	32.	65144041.109	8071.186	19440.	24200.	35925.	41890.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/68-11/03/81	58	21150.	23762.069	44000.	11500.	72039413.188	8487.604	14180.	16875.	30625.	37080.
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-11/07/96	234	5.2	5.091	8.8	1.8	1.842	1.357	3.15	4.3	5.9	6.8
00310	BOD, 5 DAY, 20 DEG C MG/L	03/20/68-08/19/76	66	1.05	1.185	3.1	0.2	0.426	0.652	0.47	0.675	1.625	2.13
00400	PH (STANDARD UNITS)	01/15/74-11/07/96	163	7.2	7.141	8.3	5.6	0.323	0.568	6.3	6.8	7.5	7.9
00400	CONVERTED PH (STANDARD UNITS)	01/15/74-11/07/96	163	7.2	6.702	8.3	5.6	0.517	0.719	6.3	6.8	7.5	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-11/07/96	163	0.063	0.199	2.512	0.005	0.198	0.445	0.013	0.032	0.158	0.501
00403	PH, LAB, STANDARD UNITS SU	02/15/68-08/19/76	64	7.	6.978	7.9	5.8	0.206	0.454	6.4	6.7	7.2	7.65
00403	CONVERTED PH, LAB, STANDARD UNITS	02/15/68-08/19/76	64	7.	6.743	7.9	5.8	0.263	0.512	6.4	6.7	7.2	7.65
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/15/68-08/19/76	64	0.1	0.181	1.585	0.013	0.059	0.243	0.023	0.063	0.2	0.398
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/21/68-08/19/76	62	64.5	73.403	152.	36.	637.13	25.241	47.3	54.	90.	106.4
00480	SALINITY - PARTS PER THOUSAND	02/05/74-05/14/91	139	19.2	19.437	30.	8.8	27.997	5.291	12.7	15.2	24.	27.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/15/68-08/19/76	60	82.5	102.2	450.	4.	7112.536	84.336	18.	38.	140.5	203.6
00940	CHLORIDE,TOTAL IN WATER MG/L	02/15/68-08/19/76	60	8300.	9225.417	17300.	3300.	12073124.823	3474.64	5410.	6525.	11850.	14700.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-08/19/76	35	3300.	4975.886	34800.	36.	52979192.457	7278.681	472.	1300.	4300.	14780.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-08/19/76	35	3.519	3.404	4.542	1.556	0.304	0.552	2.673	3.114	3.633	4.126
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2538.021								
82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	07/06/76-05/14/91	129	9.	13.26	225.	2.	547.231	23.393	4.3	5.	14.	20.

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

Seasonal Analysis for Season #2: 11/15 to 3/31 - Station FOPU0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	177	3.	11.831	201.	0.	277.539	16.66	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/68-11/07/96	168	12.	12.068	19.	2.5	9.214	3.035	8.5	10.	13.975	16.01
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/07/72-08/15/96	135	13.	12.699	27.	0.	35.657	5.971	5.	8.4	17.	21.4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-11/07/96	141	18600.	20401.348	42600.	3850.	70148963.171	8375.498	9900.	14140.	26800.	31100.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/68-11/03/81	30	22950.	23630.833	42500.	25.	82264382.902	9069.971	14500.	17775.	30000.	38500.
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-11/07/96	175	8.4	8.073	10.8	1.7	2.152	1.467	6.16	7.3	9.	9.74
00310	BOD, 5 DAY, 20 DEG C MG/L	03/20/68-08/19/76	39	1.	1.221	4.6	0.5	0.536	0.732	0.6	0.8	1.6	1.9
00400	PH (STANDARD UNITS)	01/15/74-11/07/96	131	6.9	6.965	8.3	5.16	0.38	0.616	6.2	6.6	7.3	7.9
00400	CONVERTED PH (STANDARD UNITS)	01/15/74-11/07/96	131	6.9	6.521	8.3	5.16	0.578	0.761	6.2	6.6	7.3	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-11/07/96	131	0.126	0.301	6.918	0.005	0.604	0.777	0.013	0.05	0.251	0.631
00403	PH, LAB, STANDARD UNITS SU	02/15/68-08/19/76	41	7.1	7.112	8.	6.5	0.14	0.374	6.62	6.8	7.3	7.7
00403	CONVERTED PH, LAB, STANDARD UNITS	02/15/68-08/19/76	41	7.1	6.98	8.	6.5	0.158	0.398	6.62	6.8	7.3	7.7
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/15/68-08/19/76	41	0.079	0.105	0.316	0.01	0.006	0.075	0.02	0.05	0.158	0.241
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/21/68-08/19/76	37	65.	65.027	180.	10.	998.138	31.593	22.8	43.	80.	100.
00480	SALINITY - PARTS PER THOUSAND	02/05/74-05/14/91	114	15.	16.09	39.	4.4	43.199	6.573	8.3	10.925	20.625	25.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/15/68-08/19/76	40	75.	105.275	409.	12.	8368.358	91.479	25.3	31.5	160.25	242.2
00940	CHLORIDE,TOTAL IN WATER MG/L	02/15/68-08/19/76	38	8050.	8044.079	14400.	2250.	11519034.94	3393.97	3912.5	5212.5	10100.	14010.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-08/19/76	23	2300.	4146.957	15000.	120.	15853067.589	3981.591	208.	1300.	7900.	9300.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-08/19/76	23	3.362	3.362	4.176	2.079	0.318	0.564	2.318	3.114	3.898	3.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2303.264								
82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	07/06/76-05/14/91	117	11.	13.622	80.	4.	104.208	10.208	6.	7.5	17.	24.2

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

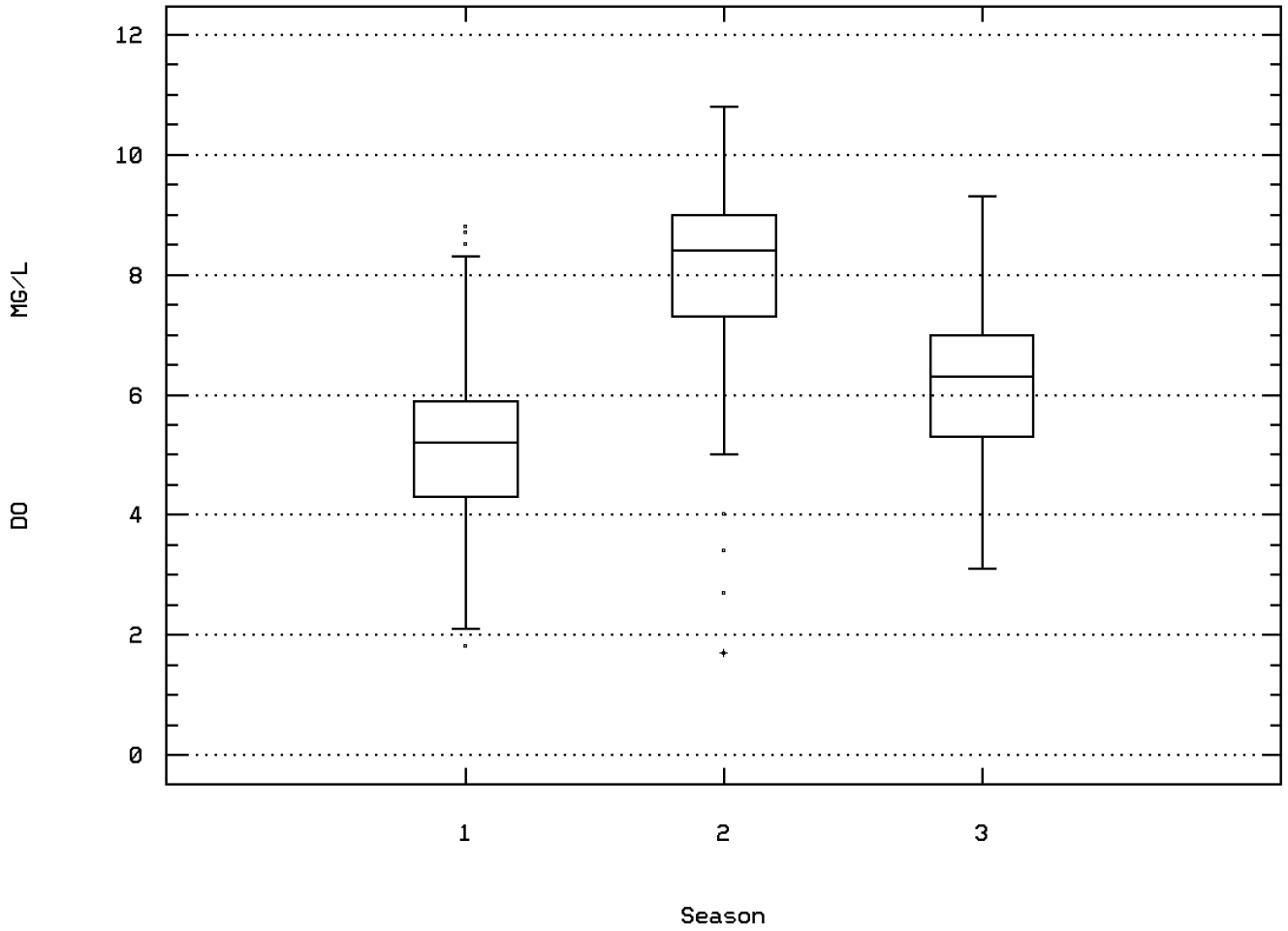
Seasonal Analysis for Season #3: 4/01 to 5/31 - Station FOPU0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	74	3.	10.811	20.	3.	72.758	8.53	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/68-11/07/96	80	20.	20.546	26.5	13.5	7.209	2.685	17.5	18.5	22.65	24.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/07/72-08/15/96	60	22.	21.48	32.	12.	18.064	4.25	14.2	18.2	24.5	25.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-11/07/96	63	21000.	20878.778	37000.	1363.	63691064.434	7980.668	11940.	13500.	27500.	32660.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/68-11/03/81	13	23000.	24730.769	39000.	12000.	99650641.026	9982.517	12200.	14500.	34500.	37800.
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-11/07/96	80	6.3	6.194	9.3	3.1	1.721	1.312	4.31	5.3	7.	7.6
00310	BOD, 5 DAY, 20 DEG C MG/L	03/20/68-08/19/76	22	0.85	1.	1.7	0.1	0.224	0.473	0.29	0.7	1.45	1.67
00400	PH (STANDARD UNITS)	01/15/74-11/07/96	57	6.9	7.028	8.1	6.1	0.273	0.522	6.3	6.7	7.4	7.9
00400	CONVERTED PH (STANDARD UNITS)	01/15/74-11/07/96	57	6.9	6.769	8.1	6.1	0.341	0.584	6.3	6.7	7.4	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-11/07/96	57	0.126	0.17	0.794	0.008	0.035	0.188	0.013	0.04	0.2	0.501
00403	PH, LAB, STANDARD UNITS SU	02/15/68-08/19/76	22	7.2	7.241	8.	6.2	0.231	0.481	6.56	6.875	7.7	7.94
00403	CONVERTED PH, LAB, STANDARD UNITS	02/15/68-08/19/76	22	7.2	6.981	8.	6.2	0.302	0.549	6.56	6.875	7.7	7.94
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/15/68-08/19/76	22	0.063	0.104	0.631	0.01	0.019	0.14	0.012	0.02	0.134	0.281
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/21/68-08/19/76	20	62.	68.25	165.	32.	794.513	28.187	35.4	53.5	79.25	92.7
00480	SALINITY - PARTS PER THOUSAND	02/05/74-05/14/91	51	13.	14.22	24.8	6.8	28.724	5.359	7.5	9.3	19.7	21.38
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/15/68-08/19/76	22	58.	72.955	200.	12.	3120.522	55.862	18.5	29.75	108.5	182.1
00940	CHLORIDE,TOTAL IN WATER MG/L	02/15/68-08/19/76	21	8100.	8798.476	16000.	3150.	11155072.762	3339.921	3776.	6600.	11250.	14100.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-08/19/76	12	2300.	3662.5	16000.	230.	16857493.182	4105.788	611.	1850.	4050.	12826.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-08/19/76	12	3.362	3.389	4.204	2.362	0.181	0.425	2.606	3.263	3.605	4.063
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2448.598								
82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	07/06/76-05/14/91	48	12.	14.302	42.	4.	83.933	9.162	5.9	9.	16.	30.3

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

Station: FOPU0046 Parameter Code: 00300

OXYGEN, DISSOLVED



SAVANNAH R. - CROSSING RANGE NEAR BUOY

Station Inventory for Station: FOPU0047

NPS Station ID: FOPU0047
LAT/LON: 32.043337/ -81.069448
Agency: 1113S090
Date Created: / /
Location: CASEY CANAL AT VICTORY DRIVE
FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 134070 /STA.061
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03060204
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: OGEECHEE RIVER BASIN
ECO Region:
RF1 Index: 03060204002
RF1 Mile Point: 0.090
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 030602042571111.85
RF3 Mile Point: 17.12
Distance from RF3: 0.00
On/Off RF3:
Description:
DATA FURNISHED BY CHATHAM COUNTY HEALTH DEPARTMENT AND THE STATE OF GEORGIA FOR THE BACK DATA PROJECT

Parameter Inventory for Station: FOPU0047

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

***** Data for this station locked by controlling agency *****

Station Inventory for Station: FOPU0048

NPS Station ID: FOPU0048 LAT/LON: 32.043837/ -80.941949 Agency: 11NPSWRD Date Created: 10/10/98
Location: SAVANNAH RIVER AT SOUTH CHANNEL AT BIRD ISLAND FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): FOPU_SKIDAWAY_4
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03060109 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: SAVANNAH RIVER ECO Region:
RF1 Index: 03060109 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03060109002008.47 RF3 Mile Point: 8.65 Distance from RF3: 0.58 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE FORT PULASKI GA-SC 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS OUTSIDE THE BOUNDARY OF FORT PULASKI NATIONAL MONUMENT AND IS LOCATED AT THE SOUTH CHANNEL OF THE SAVANNAH RIVER AT BIRD ISLAND. CORE SEDIMENT SAMPLES WERE ANALYZED TO DETERMINE THE ACCRUAL OF METALS; PESTICIDES; POLYCYCLIC AROMATIC HYDROCARBONS; AND PCB'S SINCE 1900. DATA ARE FROM "POLLUTION HISTORY OF THE SAVANNAH ESTUARY;" SEPTEMBER 1994; BY THE SKIDAWAY INSTITUTE OF OCEANOGRAPHY. FOR PARK INFORMATION CONTACT FORT PULASKI NATIONAL MONUMENT; P.O. BOX 30757; SAVANNAH GA 31410-0757. (TEL. 912-786-5787). THE DATA WERE PROCESSED AND UPLOADED TO STORET BY ERIC JANNEY OF THE NATIONAL PARK SERVICE WATER RESOURCE DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525-5596. (TEL. 970-225-3516).

Parameter Inventory for Station: FOPU0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	04/17/93-04/17/93	51	2900.	2968.627	4600.	1700.	964196.078	981.935	1800.	1900.	4100.	4300.
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	04/17/93-04/17/93	51	714.	703.784	1191.	329.	16963.973	130.246	568.8	619.	789.	825.4
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/17/93-04/17/93	51	15.3	16.006	27.4	9.1	17.246	4.153	10.62	12.6	19.5	22.26
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/17/93-04/17/93	51	0.18	0.187	0.3	0.1	0.002	0.043	0.13	0.15	0.21	0.238
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/17/93-04/17/93	51	84.3	87.792	116.9	66.9	170.356	13.052	73.	75.9	99.	104.68
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/17/93-04/17/93	51	26.6	26.655	36.4	17.7	20.395	4.516	20.18	23.6	29.9	33.62
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/17/93-04/17/93	51	24.5	24.561	38.2	15.3	41.915	6.474	17.34	18.5	30.	34.38
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	04/17/93-04/17/93	51	334.	370.941	601.	221.	13516.576	116.261	243.6	272.	476.	548.4
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/17/93-04/17/93	51	29.2	29.747	37.7	21.	11.962	3.459	25.14	28.	32.5	33.88
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	04/17/93-04/17/93	51	0.17	0.183	0.52	0.07	0.006	0.078	0.11	0.13	0.23	0.248
01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	04/17/93-04/17/93	51	0.66	0.703	1.24	0.38	0.026	0.162	0.55	0.6	0.82	0.934
01103	TIN IN BOTTOM DEPOSITS (MG/KG AS SN DRY WGT)	04/17/93-04/17/93	51	4.2	4.224	6.04	3.17	0.408	0.639	3.404	3.7	4.6	5.08
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	04/17/93-04/17/93	51	102900.	102141.176	130600.	76400.	158276070.588	12580.782	87440.	91800.	114400.	118780.
01144	SILICON IN BOTTOM DEPOSITS (MG/KG AS SI DRY WGT)	04/17/93-04/17/93	51	250000.	244098.039	279000.	182000.	592490196.078	24341.122	191400.	240000.	258000.	269000.
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	04/17/93-04/17/93	19	0.19	0.157	0.35	0.	0.016	0.126	0.	0.	0.26	0.32
01157	ZINC, TOTAL IN BOTTOM DEPOSITS (MG/KG AS ZN)	04/17/93-04/17/93	51	107.4	110.	149.6	82.3	152.201	12.337	96.3	101.8	115.5	129.9
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	04/17/93-04/17/93	51	54900.	50915.686	63700.	33500.	74723749.02	8644.29	38040.	40700.	57800.	60520.
49575	TOTAL ORGANIC CARBON, BOTT. DEP.,DRY WT.,SED MG/KG	04/17/93-04/17/93	51	39900.	38898.039	62600.	19100.	227152196.078	15071.569	19800.	21100.	53200.	58400.
61187	BIOGENETIC SILICA DRY WEIGHT SEDIMENT MG/L	04/17/93-04/17/93	51	3.8	4.241	6.3	2.7	1.198	1.094	3.1	3.3	5.3	6.06
75049	MERCURY (HG) SEDIMENT,DRY,WT,UG/KG	04/17/93-04/17/93	51	145.	143.373	165.	111.	141.718	11.905	124.4	140.	150.	156.4
81900	SEDIMENT CORE SAMPLE,UPPER DEPTH,REPORT IN INCHES	04/17/93-04/17/93	51	9.84	9.843	19.69	0.	34.258	5.853	1.65	4.72	14.96	18.032
81901	SEDIMENT CORE SAMPLE, LOWER DEPTH,REPORT IN INCHES	04/17/93-04/17/93	51	10.24	10.236	20.08	0.39	34.259	5.853	2.048	5.12	15.35	18.422
82478	CARBONATE,DISSOLVED FROM DRY DEPOSITION (MG/KG)	04/17/93-04/17/93	51	57000.	62778.431	187700.	35500.	774817725.49	27835.548	43460.	50800.	65000.	76500.

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

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

Station Inventory for Station: FOPU0049

NPS Station ID: FOPU0049
LAT/LON: 32.047059/ -80.951115
Agency: 11NPSWRD
Date Created: 10/10/98
Location: SAVANNAH RIVER AT BIRD ISLAND
FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): FOPU_SKIDAWAY_1
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03060109
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: SAVANNAH RIVER
ECO Region:
RF1 Index: 03060109
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 03060109002008.47
RF3 Mile Point: 8.65
Distance from RF3: 0.58
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE FORT PULASKI GA-SC 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS OUTSIDE THE BOUNDARY OF FORT PULASKI NATIONAL MONUMENT AND IS LOCATED AT THE SOUTH CHANNEL OF THE SAVANNAH RIVER AT BIRD ISLAND. CORE SEDIMENT SAMPLES WERE ANALYZED TO DETERMINE THE ACCRUAL OF METALS; PESTICIDES; POLYCYCLIC AROMATIC HYDROCARBONS; AND PCB'S SINCE 1900. DATA ARE FROM "POLLUTION HISTORY OF THE SAVANNAH ESTUARY;" SEPTEMBER 1994; BY THE SKIDAWAY INSTITUTE OF OCEANOGRAPHY. FOR PARK INFORMATION CONTACT FORT PULASKI NATIONAL MONUMENT; P.O. BOX 30757; SAVANNAH GA 31410-0757. (TEL. 912-786-5787). THE DATA WERE PROCESSED AND UPLOADED TO STORET BY ERIC JANNEY OF THE NATIONAL PARK SERVICE WATER RESOURCE DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525-5596. (TEL. 970-225-3516).

Parameter Inventory for Station: FOPU0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	04/17/93-04/17/93	57	2800.	2759.649	3500.	1600.	263164.16	512.995	1940.	2450.	3200.	3400.
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	04/17/93-04/17/93	57	1109.	1108.614	1458.	488.	30948.17	175.921	885.4	995.5	1243.	1308.8
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/17/93-04/17/93	57	16.7	16.312	26.6	6.9	13.944	3.734	11.7	14.55	18.35	20.64
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/17/93-04/17/93	57	0.17	0.166	0.22	0.1	0.001	0.027	0.12	0.15	0.19	0.2
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/17/93-04/17/93	57	81.5	78.407	93.5	47.8	107.929	10.389	60.74	73.85	85.25	89.7
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/17/93-04/17/93	57	24.	22.926	27.6	13.8	12.264	3.502	17.86	21.45	25.6	26.84
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/17/93-04/17/93	57	28.5	28.381	38.	13.7	18.342	4.283	23.08	26.35	31.1	33.18
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	04/17/93-04/17/93	57	546.	572.018	935.	355.	16887.875	129.953	445.2	497.5	640.	803.2
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/17/93-04/17/93	57	23.4	23.368	42.7	13.1	18.936	4.352	18.72	21.1	25.4	27.02
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	04/17/93-04/17/93	57	0.19	0.185	0.28	0.09	0.001	0.035	0.138	0.16	0.21	0.212
01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	04/17/93-04/17/93	57	0.4	0.409	0.68	0.16	0.007	0.083	0.32	0.37	0.46	0.502
01103	TIN IN BOTTOM DEPOSITS (MG/KG AS SN DRY WGT)	04/17/93-04/17/93	57	3.	2.94	3.59	1.88	0.18	0.424	2.304	2.735	3.27	3.442
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	04/17/93-04/17/93	57	89800.	86050.877	101600.	52700.	105163258.145	10254.914	71100.	80900.	92750.	96280.
01144	SILICON IN BOTTOM DEPOSITS (MG/KG AS SI DRY WGT)	04/17/93-04/17/93	57	245000.	250210.526	303000.	225000.	370133458.647	19238.853	229400.	234000.	264500.	280600.
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	04/17/93-04/17/93	25	0.64	0.593	0.98	0.	0.058	0.242	0.198	0.445	0.725	0.866
01157	ZINC, TOTAL IN BOTTOM DEPOSITS (MG/KG AS ZN)	04/17/93-04/17/93	57	98.1	96.716	120.9	57.5	142.841	11.952	80.04	89.75	104.2	109.98
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	04/17/93-04/17/93	57	42300.	41770.175	52400.	27500.	27247130.326	5219.878	35260.	38350.	46200.	48020.
49575	TOTAL ORGANIC CARBON, BOTT. DEP.,DRY WT.,SED MG/KG	04/17/93-04/17/93	57	30800.	30205.263	46600.	16000.	29858364.662	5464.281	23800.	26900.	33000.	36860.
75049	MERCURY (HG) SEDIMENT,DRY,WT,UG/KG	04/17/93-04/17/93	31	99.	98.968	136.	64.	352.232	18.768	70.4	83.	112.	121.8
81900	SEDIMENT CORE SAMPLE,UPPER DEPTH,REPORT IN INCHES	04/17/93-04/17/93	57	11.02	11.024	22.05	0.	42.706	6.535	1.89	5.315	16.735	20.158
81901	SEDIMENT CORE SAMPLE, LOWER DEPTH,REPORT IN INCHES	04/17/93-04/17/93	57	11.42	11.417	22.44	0.39	42.706	6.535	2.282	5.71	17.125	20.55
82478	CARBONATE,DISSOLVED FROM DRY DEPOSITION (MG/KG)	04/17/93-04/17/93	57	98600.	94738.596	140200.	42300.	521679912.281	22840.313	67940.	79450.	109150.	128280.

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

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

Station Inventory for Station: FOPU0050

NPS Station ID: FOPU0050
LAT/LON: 32.049448/ -81.030004
Agency: 1113S090
Date Created: / /
Location: WILMINGTON R-GREENWICH CEMETERY
FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 134115 /STA.037
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03060204
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: WILMINGTON RIVER BASIN
ECO Region:
RF1 Index: 03060204001
RF1 Mile Point: 12.680
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 03060204000108.94
RF3 Mile Point: 18.69
Distance from RF3: 0.05
On/Off RF3:
Description:
DATA FURNISHED BY CHATHAM COUNTY HEALTH DEPARTMENT AND THE STATE OF GEORGIA FOR THE BACK DATA PROJECT

Parameter Inventory for Station: FOPU0050

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

***** Data for this station locked by controlling agency *****

Station Inventory for Station: FOPU0051

NPS Station ID: FOPU0051
LAT/LON: 32.050837/ -80.907170
Agency: 11NPSWRD
Date Created: 10/10/98
Location: SAVANNAH RIVER AT TURTLE ISLAND
FIPS State/County: 45053 SOUTH CAROLINA/JASPER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): FOPU_SKIDAWAY_7
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03050208
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: SAVANNAH RIVER
ECO Region:
RF1 Index: 03050208
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 03060109002008.47
RF3 Mile Point: 8.65
Distance from RF3: 0.58
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE FORT PULASKI GA-SC 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS OUTSIDE THE BOUNDARY OF FORT PULASKI NATIONAL MONUMENT AND IS LOCATED AT THE SOUTH SIDE OF TURTLE ISLAND. CORE SEDIMENT SAMPLES WERE ANALYZED TO DETERMINE THE ACCRUAL OF METALS; PESTICIDES; POLYCYCLIC AROMATIC HYDROCARBONS; AND PCB'S SINCE 1900. DATA ARE FROM "POLLUTION HISTORY OF THE SAVANNAH ESTUARY;" SEPTEMBER 1994; BY THE SKIDAWAY INSTITUTE OF OCEANOGRAPHY. FOR MORE INFORMATION CONTACT FORT PULASKI NATIONAL MONUMENT; P.O. BOX 30757; SAVANNAH GA 31410-0757. (TEL. 912-786-5787). THE DATA WERE PROCESSED AND UPLOADED TO STORET BY ERIC JANNEY OF THE NATIONAL PARK SERVICE WATER RESOURCE DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525-5596. (TEL. 970-225-3516).

Parameter Inventory for Station: FOPU0051

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	04/17/93-04/17/93	53	1300.	1250.943	2100.	400.	207547.17	455.573	600.	800.	1600.	1900.
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	04/17/93-04/17/93	53	703.	682.	911.	329.	14759.462	121.489	481.	664.	756.	786.6
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/17/93-04/17/93	53	11.5	11.977	33.9	2.4	30.184	5.494	5.98	9.15	13.3	16.96
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/17/93-04/17/93	53	0.1	0.098	0.16	0.05	0.001	0.025	0.06	0.08	0.12	0.12
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/17/93-04/17/93	53	50.3	49.998	64.7	30.4	69.404	8.331	39.78	44.05	56.4	61.26
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/17/93-04/17/93	53	9.6	9.492	13.4	3.7	4.603	2.145	6.48	8.2	10.8	12.32
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/17/93-04/17/93	53	11.3	11.742	20.2	7.8	8.375	2.894	8.44	9.6	13.05	16.44
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	04/17/93-04/17/93	53	279.	273.642	356.	228.	570.965	23.895	237.8	258.	288.	295.6
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/17/93-04/17/93	53	13.1	12.63	19.1	6.	9.517	3.085	8.08	10.65	14.6	16.54
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	04/17/93-04/17/93	53	0.13	0.125	0.19	0.06	0.001	0.023	0.09	0.11	0.14	0.15
01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	04/17/93-04/17/93	53	0.21	0.191	0.28	0.01	0.005	0.073	0.048	0.155	0.25	0.27
01103	TIN IN BOTTOM DEPOSITS (MG/KG AS SN DRY WGT)	04/17/93-04/17/93	53	1.5	1.301	2.1	0.05	0.349	0.591	0.14	0.9	1.8	1.9
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	04/17/93-04/17/93	53	56400.	56286.792	68100.	43100.	38056937.591	6169.031	48240.	52100.	60650.	65320.
01144	SILICON IN BOTTOM DEPOSITS (MG/KG AS SI DRY WGT)	04/17/93-04/17/93	53	302000.	299603.774	334000.	260000.	411089985.486	20275.354	267600.	283000.	315500.	322600.
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	04/17/93-04/17/93	15	0.19	0.227	0.79	0.	0.037	0.192	0.06	0.1	0.33	0.526
01157	ZINC, TOTAL IN BOTTOM DEPOSITS (MG/KG AS ZN)	04/17/93-04/17/93	53	61.3	59.923	78.1	41.2	65.31	8.081	48.64	53.9	65.4	69.8
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	04/17/93-04/17/93	53	26500.	25954.717	32900.	16400.	15450602.322	3930.725	20620.	23700.	28950.	31020.
49575	TOTAL ORGANIC CARBON, BOTT. DEP.,DRY WT.,SED MG/KG	04/17/93-04/17/93	53	17200.	15271.698	25100.	4400.	30562837.446	5528.367	6640.	10400.	18850.	22640.
75049	MERCURY (HG) SEDIMENT,DRY,WT,UG/KG	04/17/93-04/17/93	30	34.5	37.667	64.	17.	182.644	13.515	21.2	26.5	51.25	57.5
81900	SEDIMENT CORE SAMPLE,UPPER DEPTH,REPORT IN INCHES	04/17/93-04/17/93	53	10.24	10.236	20.47	0.	36.97	6.08	1.73	4.92	15.55	18.74
81901	SEDIMENT CORE SAMPLE, LOWER DEPTH,REPORT IN INCHES	04/17/93-04/17/93	53	10.63	10.63	20.87	0.39	36.972	6.08	2.126	5.315	15.945	19.134
82478	CARBONATE,DISSOLVED FROM DRY DEPOSITION (MG/KG)	04/17/93-04/17/93	53	103600.	104711.321	130600.	84700.	145682177.068	12069.887	89180.	94750.	114850.	121980.

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

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

Station Inventory for Station: FOPU0052

NPS Station ID: FOPU0052
LAT/LON: 32.052226/ -81.012226
Agency: 1113S090
Date Created: / /
Location: RICHARDSON CK-OATLAND ISLAND RD
FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 134145 /STA.039
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03060204
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: WILMINGTON RIVER BASIN
ECO Region:
RF1 Index: 03060204001
RF1 Mile Point: 11.700
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 03060204261702.98
RF3 Mile Point: 5.77
Distance from RF3: 0.04
On/Off RF3:
Description:
DATA FURNISHED BY CHATHAM COUNTY HEALTH DEPARTMENT AND THE STATE OF GEORGIA FOR THE BACK DATA PROJECT

Parameter Inventory for Station: FOPU0052

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

***** Data for this station locked by controlling agency *****

Station Inventory for Station: FOPU0053

NPS Station ID: FOPU0053
LAT/LON: 32.055559/ -81.027226
Agency: 1113S090
Date Created: / /
Location: WILMINGTON R AT CAUSTON BLUFF
FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 134120 /STA.038
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03060204
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: WILMINGTON RIVER BASIN
ECO Region:
RF1 Index: 03060204001
RF1 Mile Point: 11.940
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 03060204229407.58
RF3 Mile Point: 13.58
Distance from RF3: 0.05
On/Off RF3:
Description:
DATA FURNISHED BY CHATHAM COUNTY HEALTH DEPARTMENT AND THE STATE OF GEORGIA FOR THE BACK DATA PROJECT

Parameter Inventory for Station: FOPU0053

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

***** Data for this station locked by controlling agency *****

Station Inventory for Station: FOPU0054

NPS Station ID: FOPU0054 LAT/LON: 32.059170/ -80.940837 Agency: 1114PEST Date Created: 11/09/91
Location: MIDSTREAM JUST UPSTREAM OF MARKER 37 RM4.3 FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 135050A /S-1-SRG
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03060109 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: SAVANNAH RIVER ECO Region:
RF1 Index: 03060109 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03060204003825.20 RF3 Mile Point: 26.53 Distance from RF3: 0.14 On/Off RF3:
Description:
PURSUANT TO A REQUEST FROM THE WATER MANAGEMENT DIVISION- ESD CONDUCTED A WATER QUALITY ASSESSMENT OF THE SAVANNAH RIVER NEAR THE CITY OF SAVANNAH GEORGIA THE STUDY WAS CONDUCTED FROM MARCH THROUGH NOVEMBER 1989 AND FOCUSED ON THE DO-TEMPERATURE-AND SALINITY LEVELS THROUGHOUT THE WATER COLUMN AND TO CHARACTERIZE THE EXTENT OF DO SAG WITHIN THE STUDY AREA. COMPLETE DATA IS ENTERED FOR STATION 9 (BACKGROUND) AND STATION 5 (TYPICAL) AND MAXIMUM-MINIMUM AND AVERAGE OF ALL READINGS (TIME-DEPTH-TIDE-DATE) ARE GIVEN FOR STATIONS 1-4 AND 6-8.

Parameter Inventory for Station: FOPU0054

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

******** No Parameter Data at this Station Suitable for Statistical Analysis ********

Station Inventory for Station: FOPU0055

NPS Station ID: FOPU0055 LAT/LON: 32.060837/ -80.962976 Agency: 11NPSWRD Date Created: 10/10/98
Location: SAVANNAH RIVER AT SOUTH CHANNEL AT BIRD ISLAND FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): FOPU_SKIDAWAY_3
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03060109 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: SAVANNAH RIVER ECO Region:
RF1 Index: 03060109 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03060109002008.47 RF3 Mile Point: 8.65 Distance from RF3: 0.58 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE FORT PULASKI GA-SC 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS OUTSIDE THE BOUNDARY OF FORT PULASKI NATIONAL MONUMENT AND IS LOCATED AT THE SOUTH CHANNEL OF THE SAVANNAH RIVER AT BIRD ISLAND. CORE SEDIMENT SAMPLES WERE ANALYZED TO DETERMINE THE ACCRUAL OF METALS; PESTICIDES; POLYCYCLIC AROMATIC HYDROCARBONS; AND PCB'S SINCE 1900. DATA ARE FROM "POLLUTION HISTORY OF THE SAVANNAH ESTUARY;" SEPTEMBER 1994; BY THE SKIDAWAY INSTITUTE OF OCEANOGRAPHY. FOR PARK INFORMATION CONTACT FORT PULASKI NATIONAL MONUMENT; P.O. BOX 30757; SAVANNAH GA 31410-0757. (TEL. 912-786-5787). THE DATA WERE PROCESSED AND UPLOADED TO STORET BY ERIC JANNEY OF THE NATIONAL PARK SERVICE WATER RESOURCE DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525-5596. (TEL. 970-225-3516).

Parameter Inventory for Station: FOPU0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	04/17/93-04/17/93	55	3100.	3767.273	6900.	2200.	1607797.98	1267.99	2660.	2800.	4400.	6200.
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	04/17/93-04/17/93	55	604.	612.945	814.	396.	11065.238	105.191	466.2	533.	704.	753.4
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/17/93-04/17/93	55	18.6	18.533	27.6	9.1	27.898	5.282	12.22	13.	23.2	25.5
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/17/93-04/17/93	55	0.17	0.183	0.28	0.1	0.003	0.05	0.12	0.14	0.22	0.264
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/17/93-04/17/93	55	84.5	90.767	135.8	68.1	424.232	20.597	70.12	73.3	106.6	126.4
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/17/93-04/17/93	55	34.8	33.536	46.	20.4	33.965	5.828	25.22	28.8	38.	40.26
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/17/93-04/17/93	55	22.7	26.987	51.6	13.8	128.249	11.325	15.64	17.	38.13	43.82
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	04/17/93-04/17/93	55	173.	191.036	300.	116.	3108.851	55.757	136.4	145.	220.	290.4
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/17/93-04/17/93	55	30.3	29.985	38.8	16.5	24.198	4.919	23.14	26.7	34.	35.92
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	04/17/93-04/17/93	55	0.18	0.179	0.28	0.12	0.001	0.028	0.15	0.16	0.2	0.21
01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	04/17/93-04/17/93	55	0.75	0.83	1.61	0.46	0.071	0.267	0.566	0.62	0.99	1.268
01103	TIN IN BOTTOM DEPOSITS (MG/KG AS SN DRY WGT)	04/17/93-04/17/93	55	3.67	3.685	4.43	2.83	0.109	0.331	3.3	3.4	4.	4.1
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	04/17/93-04/17/93	55	110400.	109541.818	143000.	64900.	221556922.559	14884.788	86400.	105700.	118900.	124860.
01144	SILICON IN BOTTOM DEPOSITS (MG/KG AS SI DRY WGT)	04/17/93-04/17/93	55	243000.	233854.545	271000.	161000.	910237710.438	30170.146	176000.	223000.	256000.	264000.
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	04/17/93-04/17/93	19	0.33	0.288	0.58	0.	0.032	0.179	0.	0.22	0.43	0.47
01157	ZINC, TOTAL IN BOTTOM DEPOSITS (MG/KG AS ZN)	04/17/93-04/17/93	55	98.8	102.258	142.7	66.	276.589	16.631	82.94	88.2	116.2	124.76
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	04/17/93-04/17/93	55	52100.	48438.182	75100.	24500.	245576107.744	15670.868	27920.	31300.	59100.	69640.
04354	YEAR SED CORE SAMPLE DEPOSTION,LEAD-210 MTHD YR	04/17/93-04/17/93	15	1974.	1969.6	1992.	1925.	388.971	19.722	1933.4	1959.	1987.	1990.8
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	04/17/93-04/17/93	14 ##	5.	6.5	13.	5.	9.038	3.006	5.	5.	6.5	12.5
34208	ACENAPHTHENE DRY WGTBOTUG/KG	04/17/93-04/17/93	14 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
34223	ANTHRACENE DRY WGTBOTUG/KG	04/17/93-04/17/93	14 ##	5.	5.429	11.	5.	2.571	1.604	5.	5.	5.	8.
34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	04/17/93-04/17/93	14	55.5	57.	86.	30.	279.077	16.706	33.5	43.25	71.75	83.
34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	04/17/93-04/17/93	14	28.	29.643	45.	20.	49.632	7.045	20.	25.5	35.25	42.
34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	04/17/93-04/17/93	14	12.5	16.857	43.	5.	157.363	12.544	5.	5.	24.75	41.5

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

Parameter Inventory for Station: FOPU0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34323	CHRYSENE DRY WGTBOTUG/KG	04/17/93-04/17/93	14	33.5	32.143	48.	15.	107.978	10.391	16.5	24.25	39.	47.
34379	FLUORANTHENE DRY WGTBOTUG/KG	04/17/93-04/17/93	14	77.	76.643	126.	33.	761.786	27.6	35.5	54.25	101.	117.5
34384	FLUORENE DRY WGTBOTUG/KG	04/17/93-04/17/93	14 ##	5.	5.429	11.	5.	2.571	1.604	5.	5.	5.	8.
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	04/17/93-04/17/93	14	40.5	45.	88.	19.	320.154	17.893	22.5	36.	54.75	77.
34445	NAPHTHALENE DRY WGTBOTUG/KG	04/17/93-04/17/93	14 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
34464	PHENANTHRENE DRY WGTBOTUG/KG	04/17/93-04/17/93	14	41.5	42.857	73.	13.	388.747	19.717	14.	25.	61.5	68.5
34472	PYRENE DRY WGTBOTUG/KG	04/17/93-04/17/93	14	153.	138.429	227.	44.	3382.879	58.163	48.5	72.75	173.	219.
34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	04/17/93-04/17/93	14	33.5	35.857	85.	16.	299.978	17.32	16.5	25.25	44.5	66.5
34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	04/17/93-04/17/93	14	29.5	28.786	41.	16.	65.874	8.116	18.5	21.75	34.	41.
34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	04/17/93-04/17/93	14 ##	5.	8.571	17.	5.	25.802	5.08	5.	5.	15.	16.5
39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/17/93-04/17/93	14 ##	0.001	0.001	0.001	0.001	0.	0.	0.001	0.001	0.001	0.001
39306	O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/17/93-04/17/93	14 ##	0.001	0.001	0.001	0.001	0.	0.	0.001	0.001	0.001	0.001
39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/17/93-04/17/93	14	0.86	1.266	3.61	0.09	1.384	1.177	0.1	0.258	2.38	3.15
39316	O,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/17/93-04/17/93	14	0.39	0.543	1.29	0.	0.183	0.428	0.06	0.19	0.998	1.175
39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/17/93-04/17/93	14	1.725	3.029	9.98	0.	9.071	3.012	0.	0.813	5.435	8.215
39328	O,P'DDE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	04/17/93-04/17/93	14 ##	0.	0.039	0.26	0.	0.007	0.082	0.	0.	0.03	0.21
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/17/93-04/17/93	14 ##	0.005	0.222	1.19	0.005	0.125	0.354	0.005	0.005	0.33	0.94
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	04/17/93-04/17/93	14	0.575	0.692	1.55	0.17	0.142	0.377	0.205	0.49	0.895	1.415
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	04/17/93-04/17/93	14 ##	0.004	0.004	0.004	0.004	0.	0.	0.004	0.004	0.004	0.004
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	04/17/93-04/17/93	14 ##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39526	PCBS TOTAL,IN SEDIMENT,DRY (ISOMER ANALYSES) UG/KG	04/17/93-04/17/93	14	33.5	38.571	106.	11.	627.956	25.059	11.	22.5	47.5	85.
39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	04/17/93-04/17/93	14 ##	0.003	0.003	0.003	0.003	0.	0.	0.003	0.003	0.003	0.003
49575	TOTAL ORGANIC CARBON, BOTT. DEP.,DRY WT.,SED MG/KG	04/17/93-04/17/93	55	45700.	58076.364	135600.	32900.	719209986.532	26818.091	35100.	37400.	72300.	104000.
49724	PERYLENE, DRY WEIGHT, SEDIMENT UG/KG	04/17/93-04/17/93	14	40.5	40.357	76.	5.	311.786	17.657	14.	26.75	51.25	67.5
49743	BENZO(E)PYRENE, DRY WEIGHT, SEDIMENT UG/KG	04/17/93-04/17/93	14	24.	24.857	36.	12.	44.286	6.655	15.5	20.5	30.25	35.
50596	PCB CONGENER IUPAC#29, SEDIMENT, DRY WEIGHT NG/G	04/17/93-04/17/93	14	8.41	10.131	35.36	1.26	81.982	9.054	1.89	4.49	11.145	29.005
50784	ALPHA-CHLORDANE SEDIMENT,DRY WT,BOTTOM DEP UG/KG	04/17/93-04/17/93	14	0.22	0.194	0.33	0.	0.007	0.084	0.035	0.155	0.24	0.3
50943	2,6-DIMETHYLNAPHTHALENE, DRY WEIGHT, SEDIMENTUG/KG	04/17/93-04/17/93	14 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
50945	PCB CONGENER #08 (CL2), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	14	0.55	1.254	9.56	0.	5.949	2.439	0.	0.38	0.988	5.75
50946	PCB CONGENER #18 (CL3), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	14	2.155	2.165	7.1	0.	4.87	2.207	0.	0.	3.808	5.715
50948	PCB CONGENER #52 (CL4), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	14	1.885	3.429	13.37	1.23	14.115	3.757	1.31	1.483	2.903	12.105
50949	PCB CONGENER #44 (CL4), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	14	4.075	4.869	23.02	0.38	31.701	5.63	0.635	1.35	5.478	15.23
50950	PCB CONGENER #66 (CL4), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	14	3.83	4.527	10.21	1.23	7.202	2.684	1.335	2.498	6.46	9.08
50952	PCB CONGENER #101 (CL5), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	14	4.63	4.376	8.31	0.94	4.444	2.108	1.285	2.608	6.078	7.43
50953	PCB CONGENER #118 (CL5), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	14	0.845	0.863	1.78	0.22	0.205	0.453	0.23	0.48	1.223	1.555
50954	PCB CONGENER #153 (CL6), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	14	0.935	0.899	2.13	0.17	0.244	0.494	0.195	0.633	1.088	1.695
50955	PCB CONGENER #105 (CL5), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	14	0.79	0.716	1.47	0.19	0.142	0.377	0.24	0.353	1.005	1.26
50956	PCB CONGENER #138 (CL6), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	14	0.96	0.86	2.07	0.15	0.311	0.558	0.15	0.213	1.17	1.71
50958	PCB CONGENER #187 (CL7), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	14	0.355	0.581	2.74	0.09	0.439	0.662	0.1	0.29	0.64	1.81
50959	PCB CONGENER #128 (CL6), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	14	0.235	0.298	1.06	0.03	0.064	0.253	0.06	0.133	0.413	0.74
50960	PCB CONGENER #180 (CL7), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	14	0.19	0.365	2.35	0.04	0.343	0.586	0.055	0.087	0.355	1.415
50961	PCB CONGENER #170 (CL7), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	14	0.345	0.775	2.67	0.	0.863	0.929	0.	0.	1.608	2.475
50962	PCB CONGENER #195 (CL8), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	14	0.09	0.09	0.23	0.	0.005	0.074	0.	0.	0.145	0.21
50963	PCB CONGENER #206 (CL9), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	14 ##	0.	0.044	0.27	0.	0.009	0.094	0.	0.	0.025	0.255
50964	PCB CONGENER #209 (CL10),DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	14 ##	0.	0.017	0.23	0.	0.004	0.061	0.	0.	0.	0.115
61160	PCB CONGENER #126 SEDIMENT DRY WEIGHT UG/KG	04/17/93-04/17/93	14	0.28	0.302	1.02	0.07	0.051	0.226	0.105	0.163	0.353	0.7
61161	PCB CONGENER # 77 SEDIMENT DRY WEIGHT UG/KG	04/17/93-04/17/93	14	1.105	2.033	6.34	0.26	3.966	1.992	0.28	0.508	3.845	5.54
61187	BIOGENETIC SILICA DRY WEIGHT SEDIMENT MG/L	04/17/93-04/17/93	55	3.8	3.665	5.2	2.3	0.642	0.801	2.7	2.8	4.4	4.78
75047	DIELDRIN SEDIMENT,DRY,WT,UG/KG	04/17/93-04/17/93	14	0.78	1.172	3.63	0.19	1.144	1.069	0.195	0.34	1.87	3.165
75048	ENDRIN SEDIMENT,DRY,WT,UG/KG	04/17/93-04/17/93	14 ##	0.003	0.003	0.003	0.003	0.	0.	0.003	0.003	0.003	0.003
75049	MERCURY (HG) SEDIMENT,DRY,WT,UG/KG	04/17/93-04/17/93	55	150.	151.236	221.	107.	360.295	18.981	128.	143.	158.	171.2
75558	BIPHENYL SEDIMENT,DRY WGT,UG/KG	04/17/93-04/17/93	14 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
78657	NONACHLOR, TRANS, SEDIMENT, DRY WEIGHT, UG/KG	04/17/93-04/17/93	14 ##	0.	0.062	0.86	0.	0.053	0.23	0.	0.	0.	0.43
78868	2-METHYLNAPHTHALENE IN SEDIMENT DRY WEIGHT UG/KG	04/17/93-04/17/93	14 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
79800	MIREX SEDIMENT,DRY,WT,UG/KG	04/17/93-04/17/93	14 ##	0.001	0.001	0.001	0.001	0.	0.	0.001	0.001	0.001	0.001
81900	SEDIMENT CORE SAMPLE,UPPER DEPTH,REPORT IN INCHES	04/17/93-04/17/93	56	10.435	10.454	21.26	0.	40.793	6.387	1.453	4.82	16.043	19.41
81901	SEDIMENT CORE SAMPLE, LOWER DEPTH,REPORT IN INCHES	04/17/93-04/17/93	56	10.825	10.855	21.65	0.39	40.659	6.376	1.85	5.218	16.44	19.807
82478	CARBONATE,DISSOLVED FROM DRY DEPOSITION (MG/KG)	04/17/93-04/17/93	55	45700.	44785.455	80000.	10300.	201040525.253	14178.876	24980.	36100.	55100.	61360.

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

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

Station Inventory for Station: FOPU0056

NPS Station ID: FOPU0056
LAT/LON: 32.061948/ -81.029170
Agency: 1113S090
Date Created: / /
Location: WILMINGTON R AT ISLAND BLVD BRDG
FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM
STORET Station ID(s): 133120 /WR-3120 /SRWR-6 W-6
RMI-Indexes: 0313010
Within Park Boundary: No
RMI-Miles: 0011.00
HUC: 03060204
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: SAVANNAH RIVER BASIN
ECO Region:
RF1 Index: 03060204001
RF1 Mile Point: 11.590
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 03060204000108.94
RF3 Mile Point: 18.69
Distance from RF3: 0.06
On/Off RF3:
Description:
CENTER LINE OF WILMINGTON RIVER AT ISLAND BOULEVARD BRIDGE

Parameter Inventory for Station: FOPU0056

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

***** Data for this station locked by controlling agency *****

Station Inventory for Station: FOPU0057

NPS Station ID: FOPU0057
LAT/LON: 32.064727/ -80.991392
Agency: 1113S090
Date Created: / /
Location: WILMINGTON R BTW ST AUG & ELBA I
FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM
STORET Station ID(s): 133140 /WR-3140 /SRWR-8 W-8
RMI-Indexes: 0313010
Within Park Boundary: Yes
RMI-Miles: 0013.00
HUC: 03060109
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: SAVANNAH RIVER BASIN
ECO Region:
RF1 Index: 03060109026
RF1 Mile Point: 8.690
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 03060109001601.64
RF3 Mile Point: 1.63
Distance from RF3: 0.05
On/Off RF3:
Description:
CENTER LINE OF CHAN AT INTERSECTION OF ST AUGUSTINE CR AND ELBA ISL CUT

Parameter Inventory for Station: FOPU0057

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

***** Data for this station locked by controlling agency *****

Station Inventory for Station: FOPU0058

NPS Station ID: FOPU0058
LAT/LON: 32.067503/ -80.939448
Agency: 1113GAWQ
Date Created: / /
Location: SAV. R. AT ENTRANCE TO FIELD CUT
FIPS State/County: 13000 GEORGIA/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 130002 /S-05 /G-051-02
RMI-Indexes: 0313050
Within Park Boundary: No
RMI-Miles: 0005.00
HUC: 03050208
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: SAVANNAH RIVER BASIN
ECO Region:
RF1 Index: 03050208
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 03050208347400.00
RF3 Mile Point: 1.62
Distance from RF3: 0.16
On/Off RF3:
Description:
STUDIES WERE CONDUCTED BY GEORGIA WATER QUALITY CONTROL BOARD (GWQCB), CORPS OF ENGINEERS, AND CHATHAM COUNTY HEALTH DEPARTMENT.
SAVANNAH RIVER-MAIN CHANNEL AT CENTER LINE LOWER FLATS RANGE OPPOSITE ENTRANCE TO FIELD CUT.

Parameter Inventory for Station: FOPU0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	PH, LAB, STANDARD UNITS SU	07/07/71-12/15/71	6	7.45	7.417	7.6	7.1	0.038	0.194	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/07/71-12/15/71	6	7.447	7.378	7.6	7.1	0.039	0.199	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/07/71-12/15/71	6	0.036	0.042	0.079	0.025	0.	0.021	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/07/71-07/07/71	1	2100.	2100.	2100.	2100.	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/07/71-07/07/71	1	3.322	3.322	3.322	3.322	0.	0.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			2100.								

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

EPA Water Quality Criteria Analysis for Station: FOPU0058

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-11/14 Obs	6/01-11/14 Exceed	6/01-11/14 Prop.	11/15-3/31 Obs	11/15-3/31 Exceed	11/15-3/31 Prop.	4/01-5/31 Obs	4/01-5/31 Exceed	4/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	6	0	0.00	4	0	0.00	2	0	0.00						
		Other-Lo Lim.	6.5	6	0	0.00	4	0	0.00	2	0	0.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	1	1	1.00	1	1	1.00									

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

Station Inventory for Station: FOPU0059

NPS Station ID: FOPU0059
LAT/LON: 32.067781/ -81.002504
Agency: 1113GAWQ
Date Created: / /
Location: WILMINGTON R. AT HABERSHAM CREEK
FIPS State/County: 13000 GEORGIA/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 130010 /WIL-12 /G-051-10
RMI-Indexes: 0313045
Within Park Boundary: Yes
RMI-Miles: 0012.00
HUC: 03060109
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: SAVANNAH RIVER BASIN
ECO Region:
RF1 Index: 03060109026
RF1 Mile Point: 9.320
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 03060109001603.61
RF3 Mile Point: 3.61
Distance from RF3: 0.07
On/Off RF3:
Description:
STUDIES WERE CONDUCTED BY GEORGIA WATER QUALITY CONTROL BOARD (GWQCB), CORPS OF ENGINEERS, AND CHATHAM COUNTY HEALTH DEPARTMENT.
WILMINGTON RIVER AT HABERSHAM CREEK.

Parameter Inventory for Station: FOPU0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/07/71-12/15/71	3	1.	1.	1.	1.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/07/71-12/15/71	3	24.5	23.5	29.	17.	36.75	6.062	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/02/71-12/15/71	2	12800.	12800.	13000.	12600.	80000.	282.843	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	07/07/71-11/02/71	2	0.55	0.55	0.6	0.5	0.005	0.071	**	**	**	**
00400	PH (STANDARD UNITS)	07/07/71-12/15/71	2	6.5	6.5	6.6	6.4	0.02	0.141	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/07/71-12/15/71	2	6.489	6.489	6.6	6.4	0.02	0.142	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/07/71-12/15/71	2	0.325	0.325	0.398	0.251	0.011	0.104	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/07/71-12/15/71	8	6.8	6.925	7.5	6.6	0.099	0.315	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/07/71-12/15/71	8	6.789	6.842	7.5	6.6	0.107	0.327	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/07/71-12/15/71	8	0.163	0.144	0.251	0.032	0.006	0.08	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/07/71-12/15/71	3	26.	27.333	35.	21.	50.333	7.095	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/07/71-11/02/71	2	129.	129.	130.	128.	2.	1.414	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/15/71-12/15/71	1	48.	48.	48.	48.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/07/71-07/07/71	3	3300.	3800.	5100.	3000.	1290000.	1135.782	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/02/71-12/15/71	2	4300.	4300.	4300.	4300.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	12/15/71-12/15/71	1	43000.	43000.	43000.	43000.	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	12/15/71-12/15/71	1	4.633	4.633	4.633	4.633	0.	0.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			43000.								
74010	IRON, TOTAL (MG/L AS FE)	07/07/71-12/15/71	6	1.3	1.558	3.5	0.6	0.996	0.998	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: FOPU0059

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-11/14 Obs	6/01-11/14 Exceed	6/01-11/14 Prop.	11/15-3/31 Obs	11/15-3/31 Exceed	11/15-3/31 Prop.	4/01-5/31 Obs	4/01-5/31 Exceed	4/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	2	0	0.00	1	0	0.00	1	0	0.00						
		Other-Lo Lim.	6.5	2	1	0.50	1	0	0.00	1	1	1.00						
00403	PH, LAB	Fresh Chronic	9.	8	0	0.00	5	0	0.00	3	0	0.00						
		Other-Lo Lim.	6.5	8	0	0.00	5	0	0.00	3	0	0.00						

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

EPA Water Quality Criteria Analysis for Station: FOPU0059

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-11/14 Obs	6/01-11/14 Exceed	6/01-11/14 Prop.	11/15-3/31 Obs	11/15-3/31 Exceed	11/15-3/31 Prop.	4/01-5/31 Obs	4/01-5/31 Exceed	4/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	2	1.00	1	1	1.00	1	1	1.00						
		Drinking Water	250.	2	2	1.00	1	1	1.00	1	1	1.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	1	1	1.00				1	1	1.00						

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

Station Inventory for Station: FOPU0060

NPS Station ID: FOPU0060
LAT/LON: 32.068337/ -80.955559
Agency: 1113S090
Date Created: / /
Location: SAVANNAH R OPPOSITE TO FIELD CUT
FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 133005 /SR-3005 /SRS-5 S-5
RMI-Indexes: 0313050
Within Park Boundary: No
RMI-Miles: 0005.00
HUC: 03060109
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: SAVANNAH RIVER BASIN
ECO Region:
RF1 Index: 03060109002
RF1 Mile Point: 5.190
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 03060109092400.00
RF3 Mile Point: 1.63
Distance from RF3: 0.09
On/Off RF3:
Description:
CENTER LINE LOWER FLATS RANGE OPPOSITE ENTRANCE TO FIELD CUT

Parameter Inventory for Station: FOPU0060

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

***** Data for this station locked by controlling agency *****

Station Inventory for Station: FOPU0061

NPS Station ID: FOPU0061
LAT/LON: 32.070003/ -80.975004
Agency: 1113S090
Date Created: / /
Location: S CHANL CENTER LINE OF ELBA ISLD
FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 133055 /SR-3055 /SRSC-3 SC-3
RMI-Indexes: 0313050 001010
Within Park Boundary: No
RMI-Miles: 0000.10 0006.50
HUC: 03060109
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: SAVANNAH RIVER BASIN
ECO Region:
RF1 Index: 03060109026
RF1 Mile Point: 7.780
Distance from RF1: 14.60
On/Off RF1: ON
RF3 Index: 03050208353502.85
RF3 Mile Point: 3.50
Distance from RF3: 0.09
On/Off RF3:
Description:
CEENTER LINE OF CHANNEL ON CENTER LINE OF ELBA ISLAND CUT

Parameter Inventory for Station: FOPU0061

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

***** Data for this station locked by controlling agency *****

Station Inventory for Station: FOPU0062

NPS Station ID: FOPU0062 LAT/LON: 32.072170/ -80.970005 Agency: 1114PEST Date Created: 11/09/91
Location: MIDSTREAM JUST UPSTREAM OF MARKER 40-RM6.1 FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 135050B /S-2-SRG
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03060109 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: SAVANNAH RIVER ECO Region:
RF1 Index: 03060109 RF1 Mile Point: 0.000 Distance from RF1: 2.40 On/Off RF1:
RF3 Index: 03050208347400.00 RF3 Mile Point: 0.83 Distance from RF3: 0.14 On/Off RF3:
Description:
PURSUANT TO A REQUEST FROM THE WATER MANAGEMENT DIVISION- ESD CONDUCTED A WATER QUALITY ASSESSMENT OF THE
SAVANNAH RIVER NEAR THE CITY OF SAVANNAH GEORGIA. THE STUDY WAS CONDUCTED FROM MARCH THROUGH NOVEMBER 1989
AND FOCUSED ON THE DO-TEMPERATURE-AND SALINITY LEVELS THROUGHOUT THE WATER COLUMN AND TO CHARACTERIZE THE
EXTENT OF DO SAG WITHIN THE STUDY AREA. COMPLETE DATA IS ENTERED FOR STATION 9 (BACKGROUND) AND
STATION 5 (TYPICAL) AND MAXIMUN-MINIMUM AND AVERAGE OF ALL READINGS (TIME-DEPTH-TIDE-DATE) ARE GIVEN FOR
STATIONS 1-4 AND 6-8.

Parameter Inventory for Station: FOPU0062

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

******** No Parameter Data at this Station Suitable for Statistical Analysis ********

Station Inventory for Station: FOPU0063

NPS Station ID: FOPU0063
LAT/LON: 32.072226/ -80.960560
Agency: 21GAEPD
Date Created: / /
Location: SAVANNAH R. - LOWER FLATS RANGE NEAR FIELDS CUT
FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 01025001
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03050208
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: SAVANNAH RIVER
ECO Region:
RF1 Index: 03050208
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 03060204000108.94
RF3 Mile Point: 15.22
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: FOPU0063

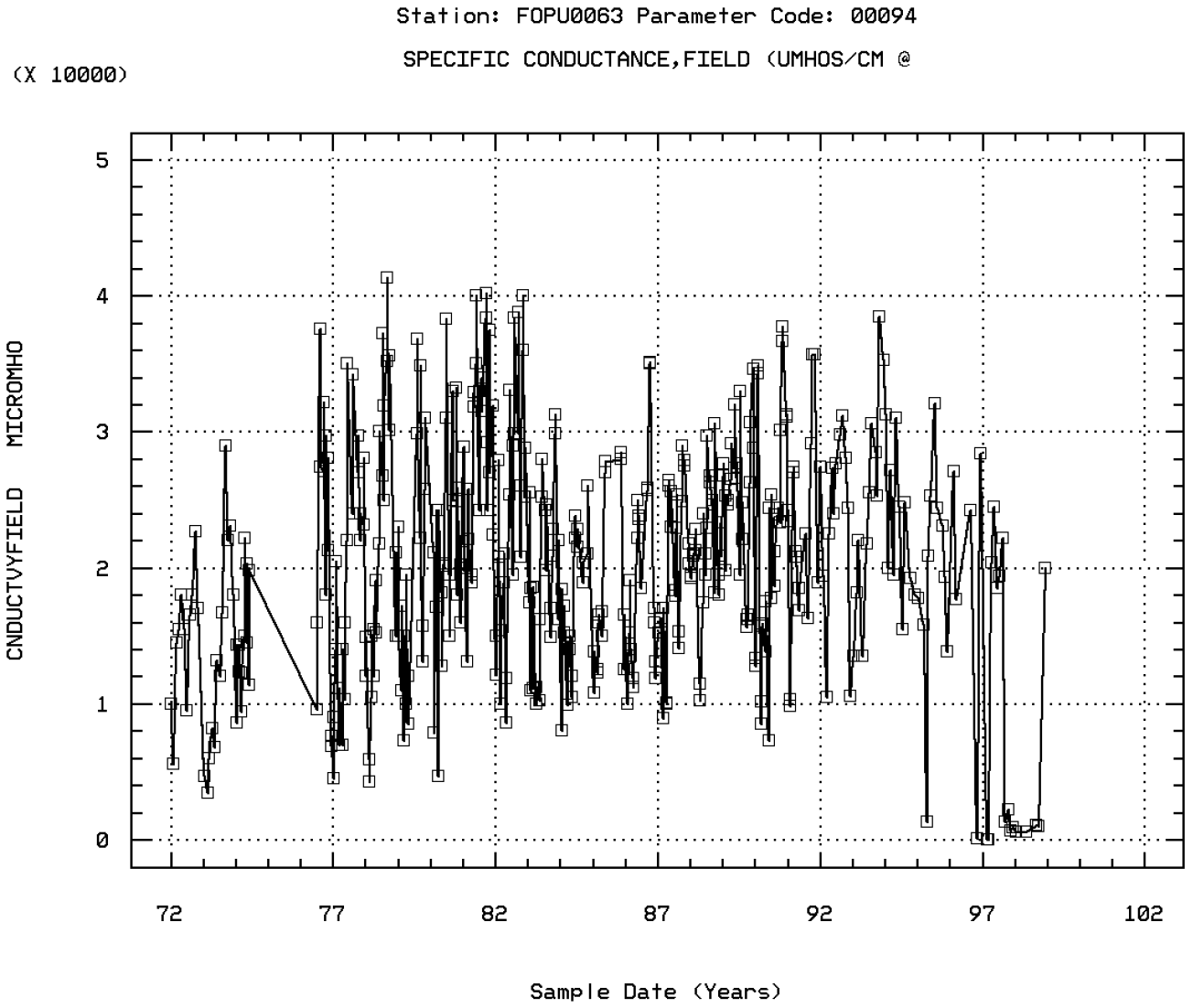
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-12/10/98	553	3.	10.042	20.	0.	72.674	8.525	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/68-12/10/98	565	20.4	20.108	31.	6.1	47.86	6.918	10.16	13.9	26.5	28.84
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/02/72-12/10/98	429	22.	20.658	35.	0.	64.789	8.049	9.	15.	27.	31.
00065	STAGE, STREAM (FEET)	02/02/72-02/27/97	17	4.7	4.076	8.	0.	6.322	2.514	0.48	1.65	6.	7.2
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/10/76-08/19/76	7	7.	9.857	23.	5.	39.81	6.309	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/15/68-12/10/98	100	11.	23.94	75.	2.	596.441	24.422	4.	7.	43.	68.6
00078	TRANSPARENCY, SECCHI DISC (METERS)	12/03/80-12/03/80	1	4312.	4312.	4312.	4312.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/12/68-12/10/98	85	20.	22.859	120.	5.	299.099	17.294	10.	10.	25.	40.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-12/10/98	441	20300.	20483.626	41300.	13.	72953325.139	8541.272	10000.	15000.	26350.	31460.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/68-12/10/98	171	19500.	20475.988	40290.	1284.	51827790.729	7199.152	12508.	15000.	24860.	31422.
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-12/10/98	567	5.9	6.108	13.7	1.4	4.189	2.047	3.5	4.7	7.6	9.
00310p	BOD, 5 DAY, 20 DEG C MG/L	03/20/68-12/10/98	208	1.	1.012	4.	0.1	0.261	0.511	0.5	0.6	1.3	1.6
00312	BOD, 6 DAY, 20 DEG C MG/L	10/08/91-10/08/91	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00400p	PH (STANDARD UNITS)	09/30/69-12/10/98	422	7.	7.016	8.22	3.6	0.282	0.531	6.3	6.7	7.3	7.7
00400p	CONVERTED PH (STANDARD UNITS)	09/30/69-12/10/98	422	7.	6.109	8.22	3.6	1.107	1.052	6.3	6.7	7.3	7.7
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/69-12/10/98	422	0.1	0.778	251.189	0.006	149.368	12.222	0.02	0.05	0.2	0.501
00403p	PH, LAB, STANDARD UNITS SU	02/15/68-12/10/98	197	7.2	7.176	8.	4.	0.232	0.481	6.7	6.9	7.55	7.7
00403p	CONVERTED PH, LAB, STANDARD UNITS	02/15/68-12/10/98	197	7.2	6.208	8.	4.	1.174	1.083	6.7	6.9	7.55	7.7
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/15/68-12/10/98	197	0.063	0.619	100.	0.01	50.679	7.119	0.02	0.028	0.126	0.2
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	05/21/68-12/10/98	198	58.	59.348	125.	16.	340.888	18.463	38.	47.	70.	85.
00480	SALINITY - PARTS PER THOUSAND	02/05/74-05/14/91	336	13.8	14.073	27.8	3.2	25.607	5.06	7.3	10.2	17.7	21.23
00505	RESIDUE, TOTAL VOLATILE (MG/L)	05/21/68-12/16/69	51	32.	34.98	85.	4.	443.1	21.05	7.8	18.	49.	66.6
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/15/68-12/10/98	199	37.	56.97	427.	2.	3249.747	57.007	10.	19.	82.	133.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/07/74-12/10/98	70	0.08	0.074	0.17	0.015	0.001	0.036	0.015	0.05	0.1	0.119
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/07/74-12/10/98	66 ##	0.01	0.067	0.56	0.01	0.009	0.097	0.01	0.01	0.123	0.193
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/07/74-12/10/98	70	0.07	0.079	0.31	0.02	0.002	0.048	0.041	0.05	0.09	0.129
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/23/73-12/10/98	84	3.95	3.732	12.	1.	3.938	1.985	1.3	2.	5.	6.1
00940p	CHLORIDE,TOTAL IN WATER MG/L	02/15/68-12/10/98	200	6600.	7161.3	17000.	1600.	8345320.734	2888.827	4002.9	5177.5	8525.75	11093.
00945	SULFATE, TOTAL (MG/L AS SO4)	01/09/97-12/10/98	8	875.	953.5	1630.	540.	112160.857	334.904	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	01/09/97-12/10/98	14 ##	10.	8.814	25.	0.05	31.311	5.596	2.525	5.	10.	17.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/15/68-06/23/70	31	7900.	20959.677	240000.	200.	2003656189.892	44762.218	820.	2400.	17200.	50320.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/15/68-06/23/70	31	3.898	3.817	5.38	2.301	0.496	0.705	2.913	3.38	4.236	4.696
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			6567.349								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-12/10/98	144	495.	5367.639	240000.	10.	477640925.155	21854.998	12.5	70.	4300.	9300.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-12/10/98	144	2.695	2.707	5.38	1.	1.127	1.062	1.088	1.845	3.633	3.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			509.368								
71870	BROMIDE (MG/L AS BR)	02/27/97-08/14/97	6	21.6	22.033	30.	13.	33.847	5.818	**	**	**	**
82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	09/21/76-05/14/91	322	12.	12.925	75.	3.	69.058	8.31	5.	7.	16.	22.

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

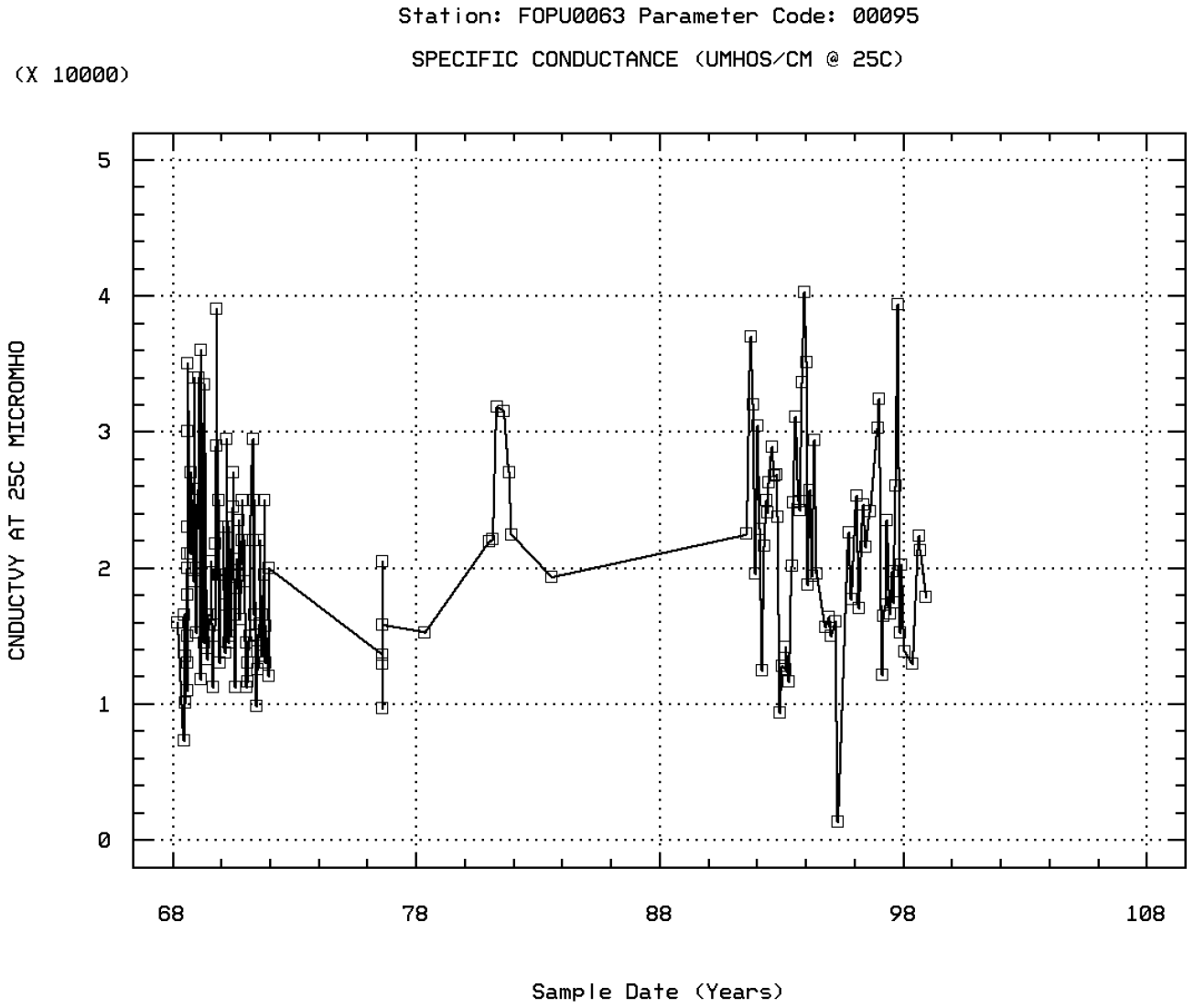
EPA Water Quality Criteria Analysis for Station: FOPU0063

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-11/14 Obs	6/01-11/14 Exceed	6/01-11/14 Prop.	11/15-3/31 Obs	11/15-3/31 Exceed	11/15-3/31 Prop.	4/01-5/31 Obs	4/01-5/31 Exceed	4/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	7	0	0.00	7	0	0.00									
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	100	22	0.22	43	8	0.19	42	9	0.21	15	5	0.33			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	567	84	0.15	275	72	0.26	200	4	0.02	92	8	0.09			
00400	PH	Fresh Chronic	9.	422	0	0.00	195	0	0.00	155	0	0.00	72	0	0.00			
		Other-Lo Lim.	6.5	422	69	0.16	195	28	0.14	155	32	0.21	72	9	0.13			
00403	PH, LAB	Fresh Chronic	9.	197	0	0.00	99	0	0.00	68	0	0.00	30	0	0.00			
		Other-Lo Lim.	6.5	197	13	0.07	99	8	0.08	68	2	0.03	30	3	0.10			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	66	0	0.00	31	0	0.00	24	0	0.00	11	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	200	200	1.00	103	103	1.00	68	68	1.00	29	29	1.00			
		Drinking Water	250.	200	200	1.00	103	103	1.00	68	68	1.00	29	29	1.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	8	8	1.00	3	3	1.00	4	4	1.00	1	1	1.00			
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	1 &	0	0.00				1	0	0.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	31	27	0.87	14	12	0.86	12	10	0.83	5	5	1.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	144	87	0.60	72	47	0.65	49	26	0.53	23	14	0.61			
82078	TURBIDITY, FIELD	Other-Hi Lim.	50.	322	1	0.00	143	0	0.00	123	1	0.01	56	0	0.00			

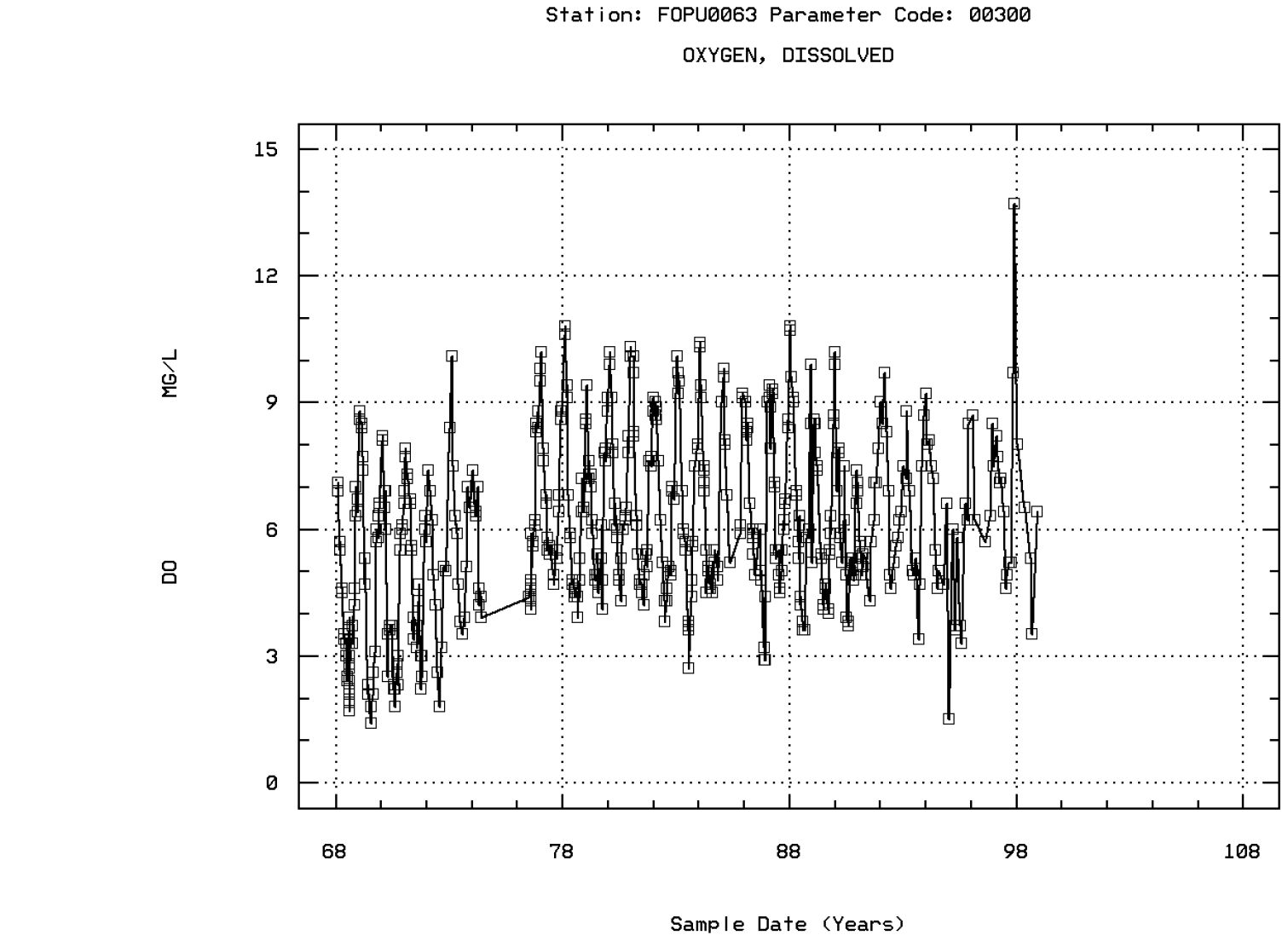
& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



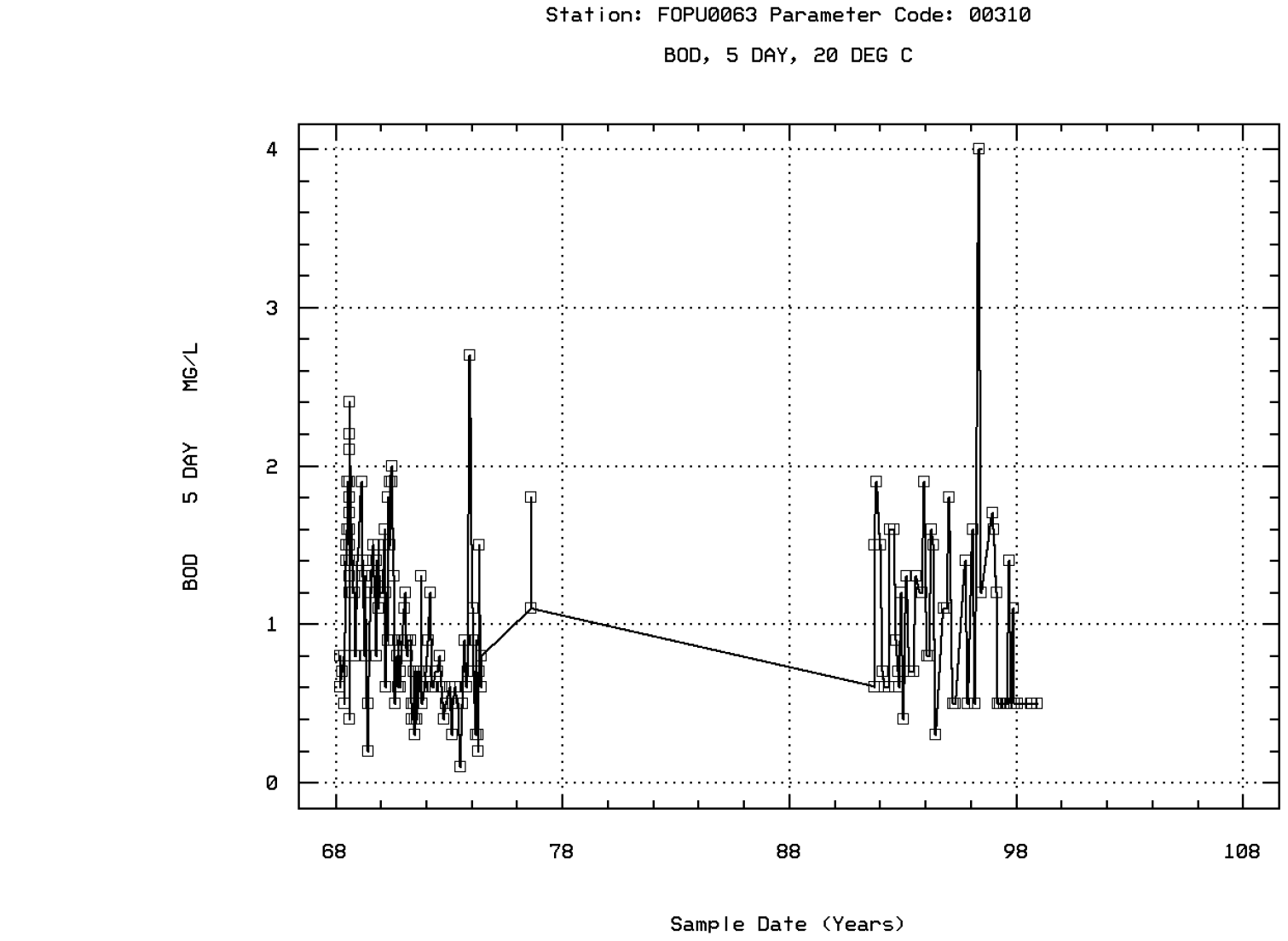
SAVANNAH R. - LOWER FLATS RANGE NEAR FI



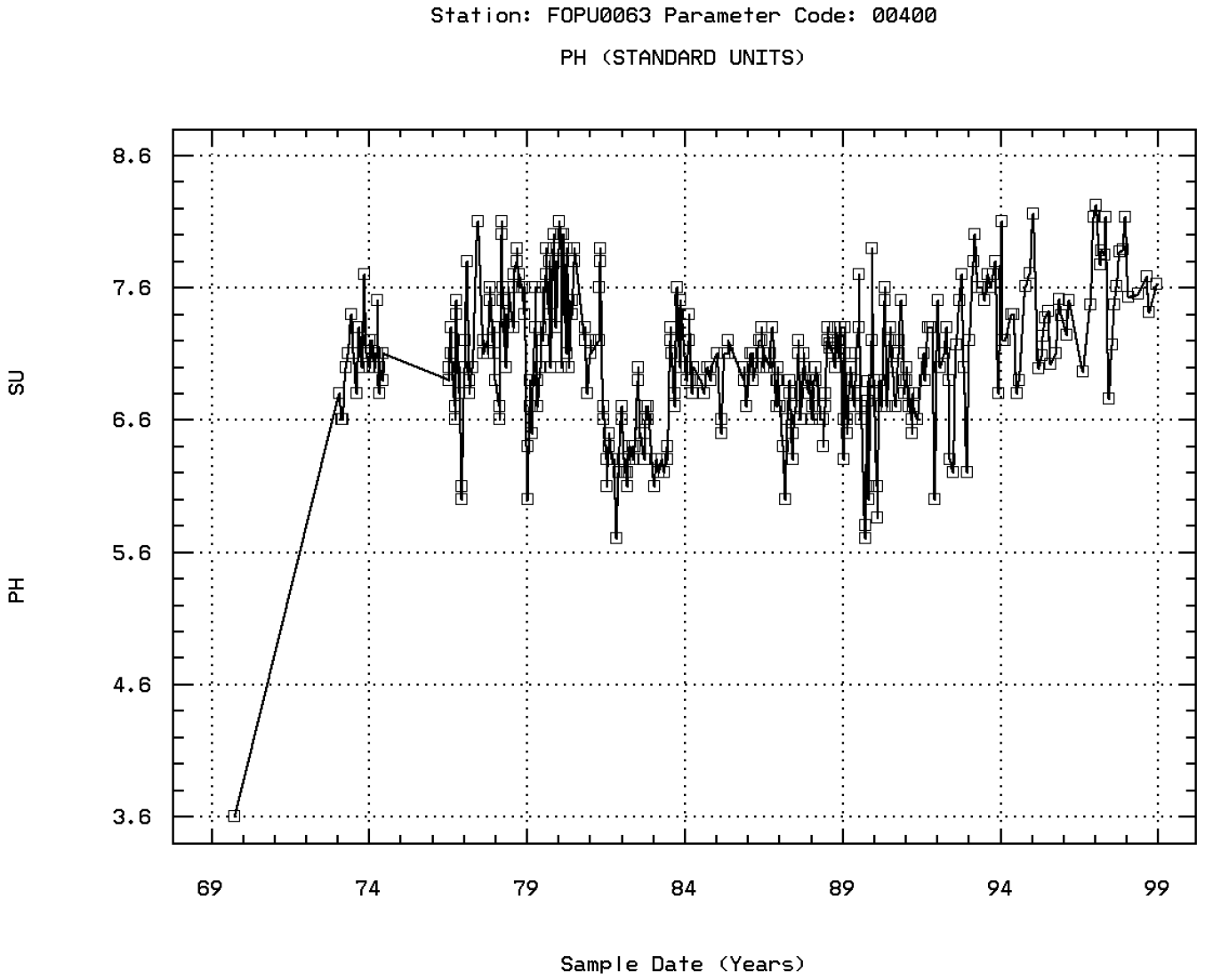
SAVANNAH R. - LOWER FLATS RANGE NEAR FI



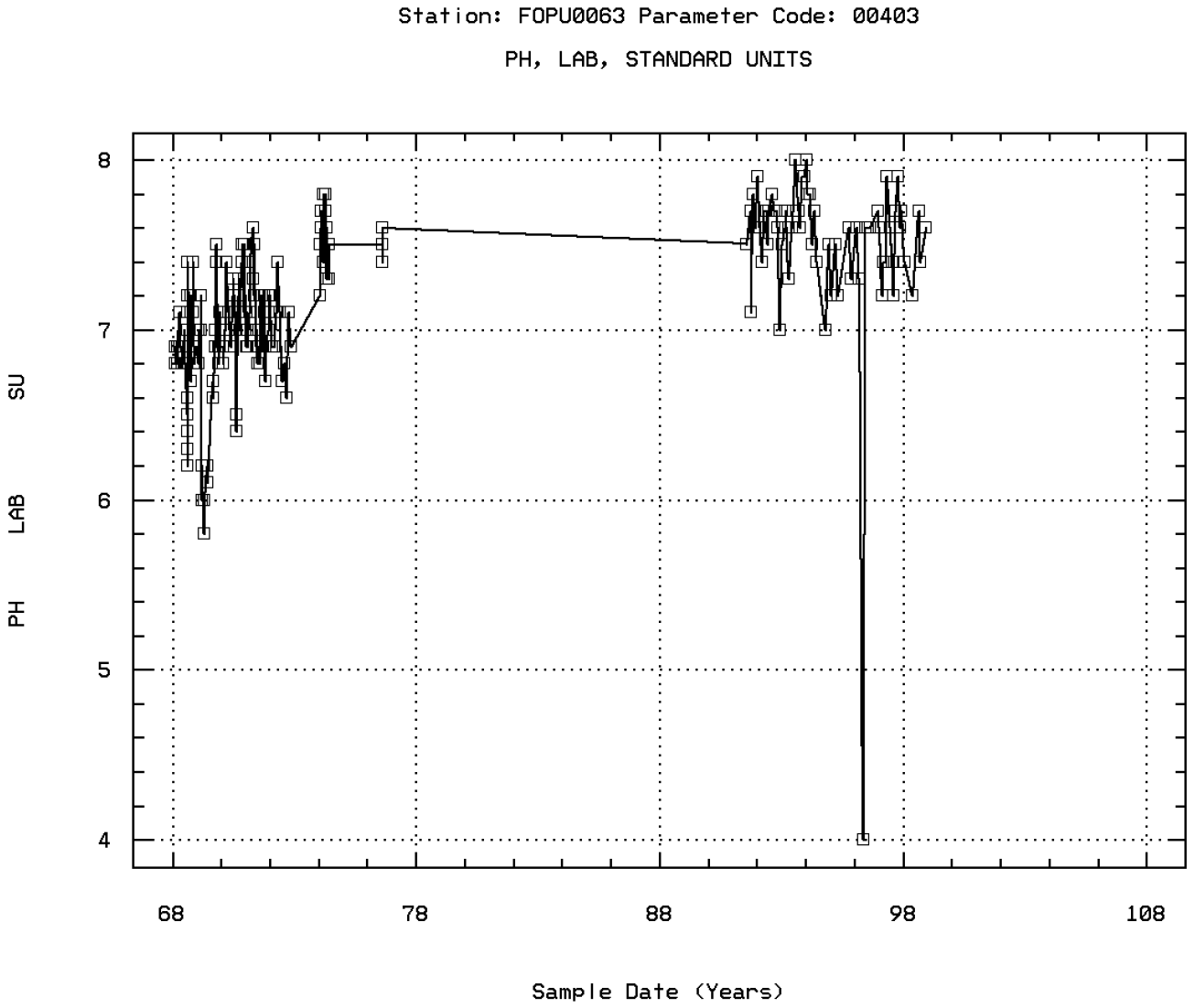
SAVANNAH R. - LOWER FLATS RANGE NEAR FI



SAVANNAH R. - LOWER FLATS RANGE NEAR FI



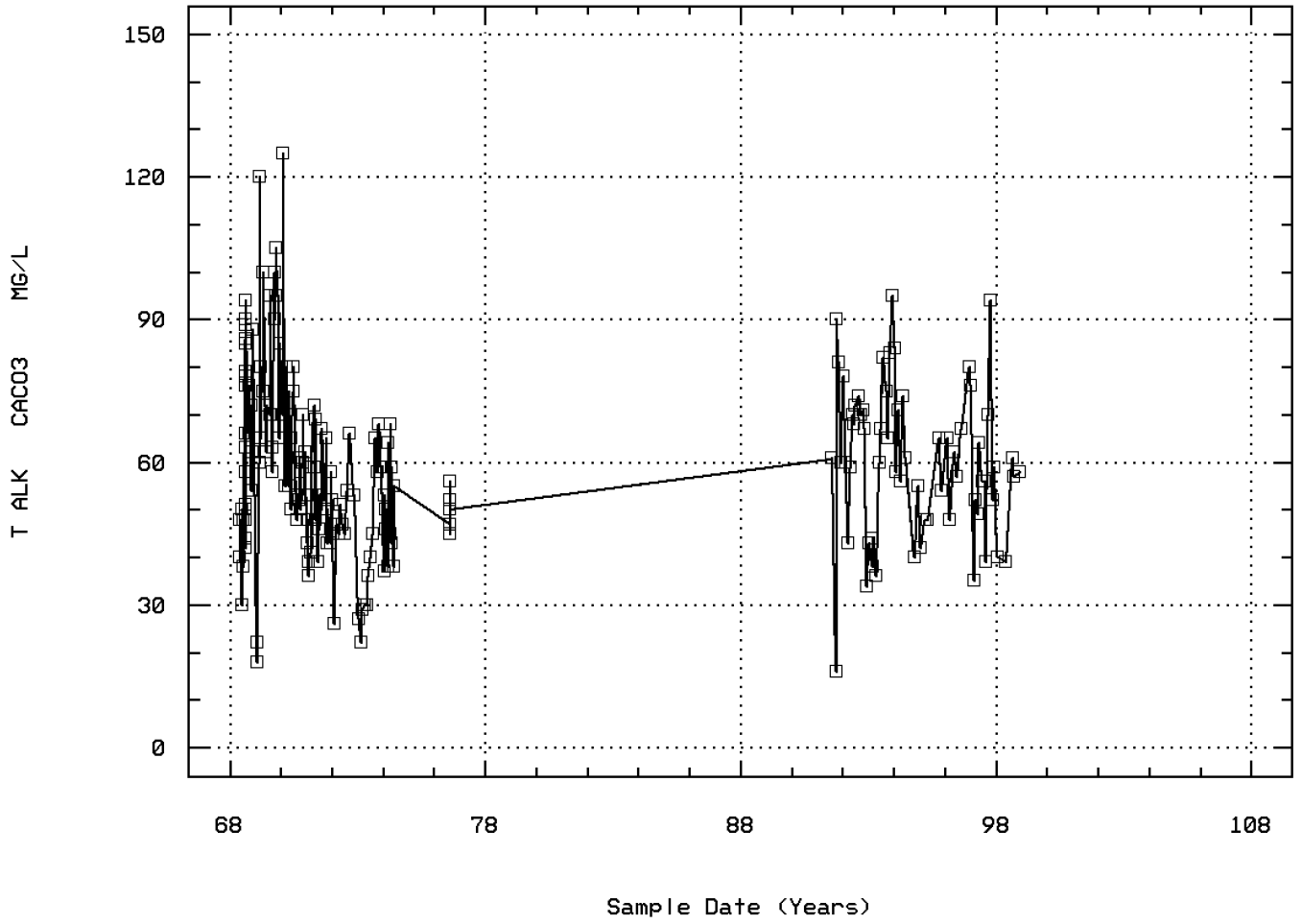
SAVANNAH R. - LOWER FLATS RANGE NEAR FI



SAVANNAH R. - LOWER FLATS RANGE NEAR FI

Station: FOPU0063 Parameter Code: 00410

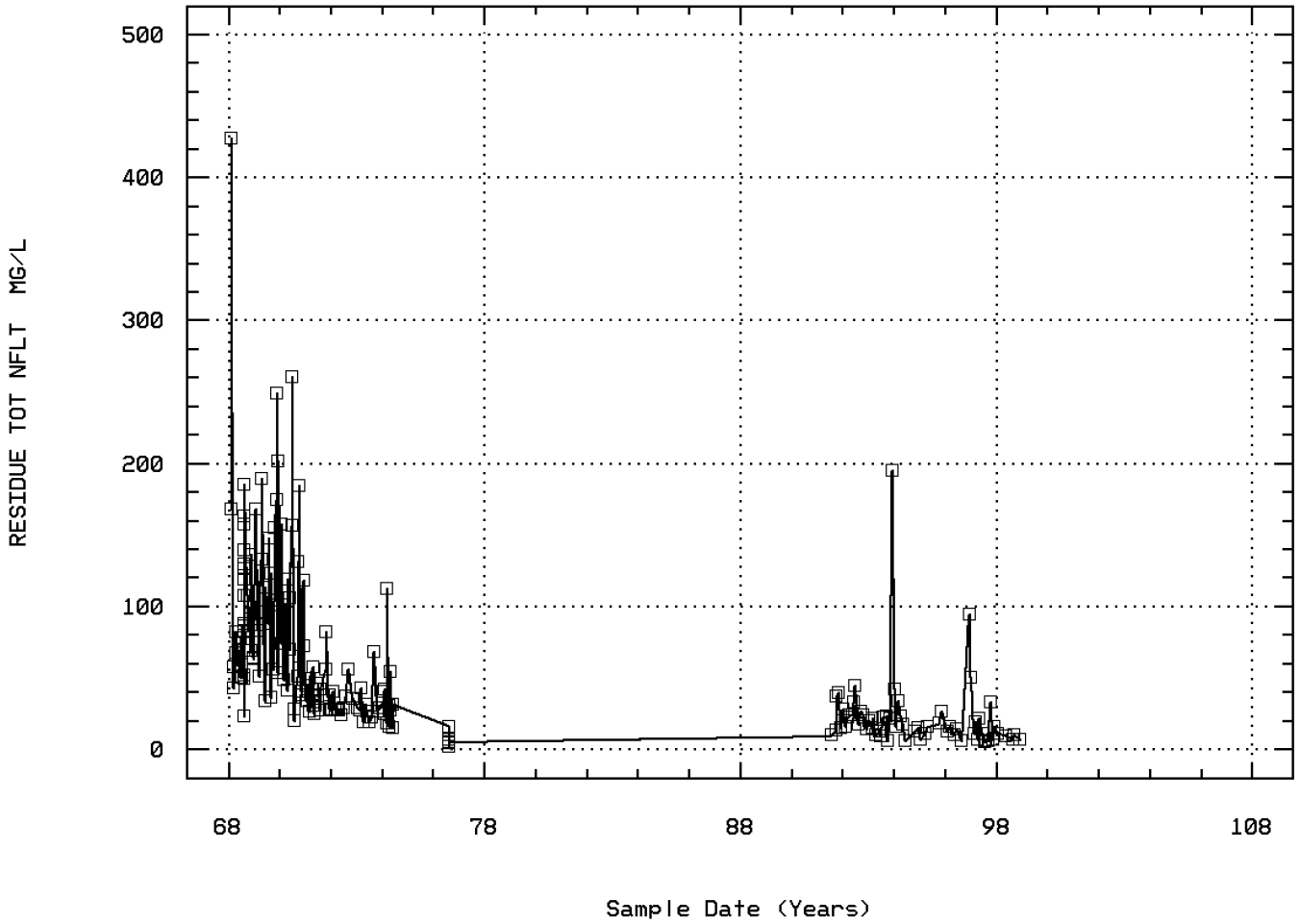
ALKALINITY, TOTAL (MG/L AS CACO3)



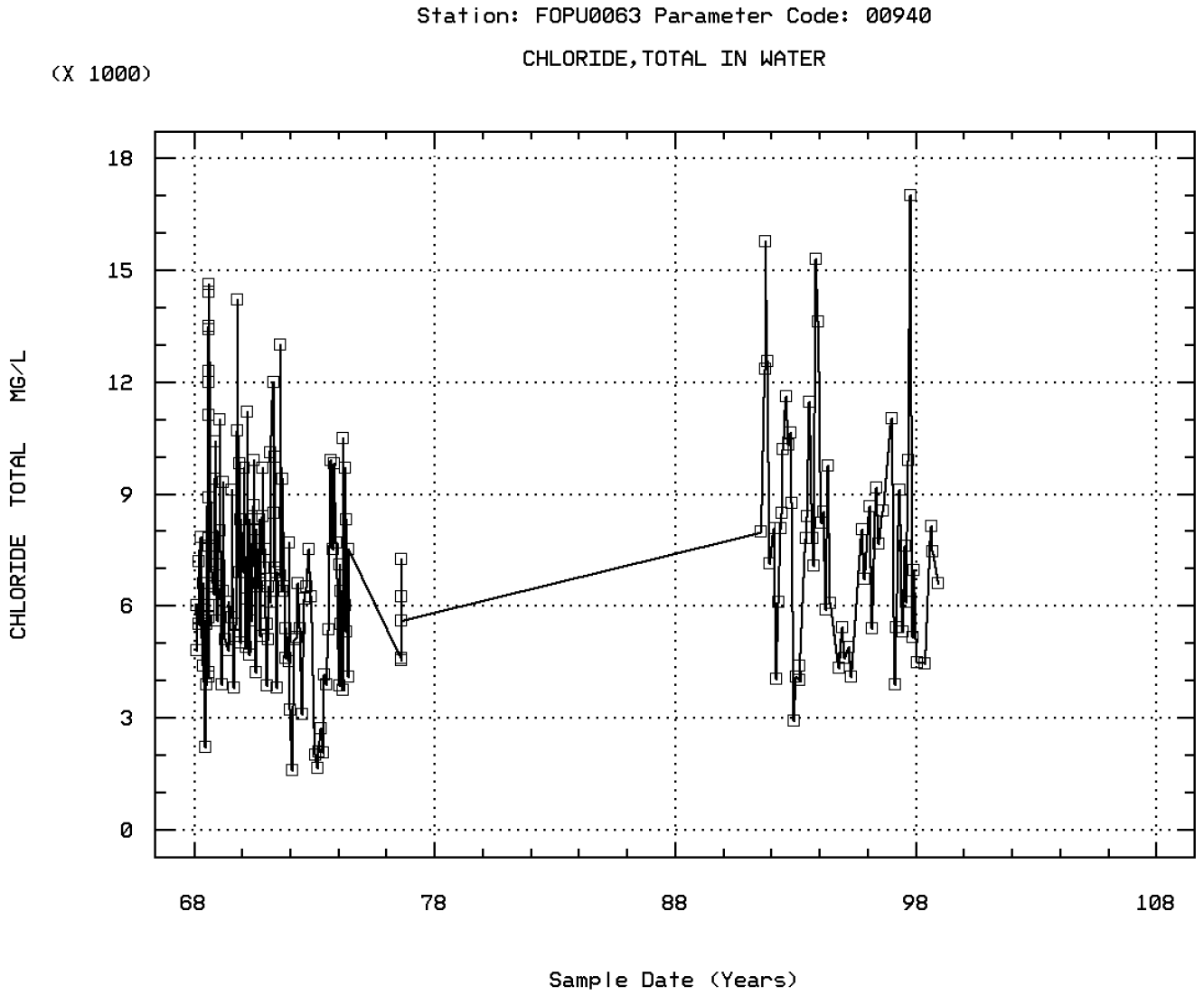
SAVANNAH R. - LOWER FLATS RANGE NEAR FI

Station: FOPU0063 Parameter Code: 00530

RESIDUE, TOTAL NONFILTRABLE (MG/L)



SAVANNAH R. - LOWER FLATS RANGE NEAR FI



SAVANNAH R. - LOWER FLATS RANGE NEAR FI

Annual Analysis for 1968 - Station FOPU0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-12/10/98	36	11.5	11.5	20.	3.	74.314	8.621	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/68-12/10/98	34	28.	24.697	30.5	9.	47.811	6.915	11.95	21.125	30.	30.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/15/68-12/10/98	14	56.5	48.786	75.	7.	429.566	20.726	10.5	32.5	64.25	72.5
00080	COLOR (PLATINUM-COBALT UNITS)	08/12/68-12/10/98	16	25.	27.188	40.	20.	23.229	4.82	23.5	25.	30.	36.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/68-12/10/98	26	18500.	20330.769	35000.	7250.	69631615.385	8344.556	10730.	14625.	27750.	35000.
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-12/10/98	36	3.35	3.822	7.1	1.7	2.612	1.616	2.1	2.55	4.6	6.76
00310p	BOD, 5 DAY, 20 DEG C MG/L	03/20/68-12/10/98	34	1.3	1.297	2.4	0.4	0.236	0.486	0.65	0.95	1.6	2.
00403p	PH, LAB, STANDARD UNITS SU	02/15/68-12/10/98	36	6.85	6.867	7.4	6.2	0.078	0.28	6.47	6.8	7.075	7.26
00403p	CONVERTED PH, LAB, STANDARD UNITS	02/15/68-12/10/98	36	6.847	6.776	7.4	6.2	0.087	0.295	6.47	6.8	7.075	7.26
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/15/68-12/10/98	36	0.142	0.167	0.631	0.04	0.016	0.125	0.056	0.085	0.158	0.341
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	05/21/68-12/10/98	28	62.5	63.25	94.	30.	341.824	18.488	39.8	48.	78.75	89.1
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/15/68-12/10/98	36	82.5	99.444	427.	23.	4682.254	68.427	49.7	60.	124.25	164.5
00940p	CHLORIDE,TOTAL IN WATER MG/L	02/15/68-12/10/98	35	6599.	7792.8	14600.	2200.	11303526.106	3362.072	4160.	5600.	10400.	13500.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-12/10/98	18	2250.	16122.222	240000.	200.	3132595947.712	55969.598	200.	725.	4225.	35700.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-12/10/98	18	3.352	3.314	5.38	2.301	0.556	0.745	2.301	2.852	3.6	4.241
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2062.415								

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

Annual Analysis for 1969 - Station FOPU0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-12/10/98	22	11.5	11.5	20.	3.	75.69	8.7	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/68-12/10/98	20	19.3	18.64	29.3	9.	55.4	7.443	9.21	10.525	26.	29.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/15/68-12/10/98	20	58.	55.15	75.	15.	403.608	20.09	16.7	41.	75.	75.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/68-12/10/98	20	19500.	21562.5	39000.	11250.	75007072.368	8660.662	11920.	14625.	28200.	35800.
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-12/10/98	21	5.8	5.319	8.8	1.4	6.381	2.526	1.86	2.45	7.55	8.58
00310p	BOD, 5 DAY, 20 DEG C MG/L	03/20/68-12/10/98	22	1.2	1.155	1.9	0.2	0.133	0.365	0.59	1.	1.4	1.5
00400p	PH (STANDARD UNITS)	09/30/69-12/10/98	1	3.6	3.6	3.6	3.6	0.	0.	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	09/30/69-12/10/98	1	3.6	3.6	3.6	3.6	0.	0.	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/69-12/10/98	1	251.189	251.189	251.189	251.189	0.	0.	**	**	**	**
00403p	PH, LAB, STANDARD UNITS SU	02/15/68-12/10/98	20	6.85	6.705	7.5	5.8	0.243	0.493	6.	6.2	7.	7.38
00403p	CONVERTED PH, LAB, STANDARD UNITS	02/15/68-12/10/98	20	6.847	6.438	7.5	5.8	0.318	0.564	6.	6.2	7.	7.38
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/15/68-12/10/98	20	0.142	0.365	1.585	0.032	0.185	0.43	0.042	0.1	0.631	1.
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	05/21/68-12/10/98	22	77.5	76.818	120.	18.	627.203	25.044	32.8	62.75	95.	103.5
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/15/68-12/10/98	21	104.	116.238	249.	34.	3376.99	58.112	39.	69.5	161.5	198.6
00940p	CHLORIDE,TOTAL IN WATER MG/L	02/15/68-12/10/98	19	6400.	7305.263	14200.	3800.	7813859.649	2795.328	3900.	5100.	9300.	11000.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-12/10/98	6	5600.	8570.	24000.	50.	92932400.	9640.145	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-12/10/98	6	3.708	3.322	4.38	1.699	1.219	1.104	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2097.242								

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

Annual Analysis for 1970 - Station FOPU0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-12/10/98	24	11.5	11.5	20.	3.	75.391	8.683	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/68-12/10/98	21	24.5	22.362	29.3	12.1	41.944	6.476	12.44	15.2	28.6	29.06
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/68-12/10/98	24	19500.	19933.333	29500.	11200.	18939927.536	4352.003	14125.	16687.5	23000.	26000.
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-12/10/98	24	3.65	4.408	8.2	1.8	4.19	2.047	2.2	2.525	6.075	7.5
00310p	BOD, 5 DAY, 20 DEG C MG/L	03/20/68-12/10/98	24	0.95	1.117	2.	0.5	0.226	0.475	0.55	0.725	1.5	1.9
00403p	PH, LAB, STANDARD UNITS SU	02/15/68-12/10/98	24	7.1	7.087	7.5	6.4	0.078	0.279	6.65	6.925	7.3	7.45
00403p	CONVERTED PH, LAB, STANDARD UNITS	02/15/68-12/10/98	24	7.1	6.99	7.5	6.4	0.088	0.296	6.65	6.925	7.3	7.45
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/15/68-12/10/98	24	0.079	0.102	0.398	0.032	0.007	0.086	0.036	0.05	0.119	0.237
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	05/21/68-12/10/98	22	60.5	64.636	125.	48.	281.766	16.786	50.	53.	71.25	80.

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Annual Analysis for 1970 - Station FOPU0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/15/68-12/10/98	22	76.5	93.591	260.	20.	3402.92	58.335	31.	46.25	122.	175.9
00940p	CHLORIDE,TOTAL IN WATER MG/L	02/15/68-12/10/98	24	6950.	7297.917	11200.	4200.	3151408.514	1775.221	4800.	6275.	8375.	9800.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-12/10/98	12	2890.	3091.667	9200.	200.	5904251.515	2429.867	206.	1405.	4300.	7730.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-12/10/98	12	3.452	3.305	3.964	2.301	0.259	0.509	2.313	3.144	3.633	3.865
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2019.812								

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Annual Analysis for 1971 - Station FOPU0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-12/10/98	24	11.5	11.5	20.	3.	75.391	8.683	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/68-12/10/98	24	21.75	20.854	29.	10.3	46.56	6.823	10.85	12.875	27.625	28.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/68-12/10/98	24	15400.	16858.333	29500.	9800.	26332971.014	5131.566	11400.	13000.	21500.	25000.
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-12/10/98	22	5.55	5.191	7.9	2.2	3.396	1.843	2.65	3.35	6.75	7.58
00310p	BOD, 5 DAY, 20 DEG C MG/L	03/20/68-12/10/98	24	0.7	0.742	1.3	0.3	0.077	0.278	0.4	0.5	0.975	1.15
00403p	PH, LAB, STANDARD UNITS SU	02/15/68-12/10/98	24	7.05	7.075	7.6	6.7	0.052	0.227	6.8	6.9	7.2	7.45
00403p	CONVERTED PH, LAB, STANDARD UNITS	02/15/68-12/10/98	24	7.047	7.024	7.6	6.7	0.054	0.233	6.8	6.9	7.2	7.45
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/15/68-12/10/98	24	0.09	0.095	0.2	0.025	0.002	0.044	0.036	0.063	0.126	0.158
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	05/21/68-12/10/98	22	50.	51.5	72.	36.	107.024	10.345	39.	43.	59.	68.4
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/15/68-12/10/98	18	37.5	40.389	82.	25.	200.134	14.147	25.9	29.5	46.75	59.5
00940p	CHLORIDE,TOTAL IN WATER MG/L	02/15/68-12/10/98	22	6500.	7093.182	13000.	3800.	6218641.775	2493.72	4045.	5325.	8725.	11430.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-12/10/98	11	4300.	5253.636	21000.	930.	32768705.455	5724.396	930.	930.	7500.	18300.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-12/10/98	11	3.633	3.529	4.322	2.968	0.187	0.433	2.968	2.968	3.875	4.233
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3381.149								

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Annual Analysis for 1972 - Station FOPU0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/68-12/10/98	11	21.	20.9	30.2	13.	31.18	5.584	13.3	15.9	25.8	29.56
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/02/72-12/10/98	6	23.85	24.583	31.8	17.7	24.494	4.949	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/15/68-12/10/98	1	35.	35.	35.	35.	0.	0.	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-12/10/98	11	15500.	14800.	22700.	5600.	22746000.	4769.277	6380.	10000.	18000.	21760.
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-12/10/98	11	5.	4.818	7.4	1.8	3.084	1.756	1.96	3.2	6.2	7.3
00310p	BOD, 5 DAY, 20 DEG C MG/L	03/20/68-12/10/98	11	0.7	0.7	1.2	0.4	0.046	0.214	0.42	0.6	0.8	1.14
00403p	PH, LAB, STANDARD UNITS SU	02/15/68-12/10/98	11	6.9	6.973	7.4	6.6	0.054	0.233	6.62	6.8	7.1	7.36
00403p	CONVERTED PH, LAB, STANDARD UNITS	02/15/68-12/10/98	11	6.9	6.918	7.4	6.6	0.057	0.24	6.62	6.8	7.1	7.36
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/15/68-12/10/98	11	0.126	0.121	0.251	0.04	0.004	0.063	0.044	0.079	0.158	0.241
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	05/21/68-12/10/98	10	49.	48.6	66.	26.	101.156	10.058	27.9	45.	53.25	64.8
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/15/68-12/10/98	10	28.5	33.	56.	24.	92.	9.592	24.3	27.	37.75	54.4
00940p	CHLORIDE,TOTAL IN WATER MG/L	02/15/68-12/10/98	11	5400.	5145.455	7500.	1600.	3243227.273	1800.896	1900.	3200.	6500.	7320.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-12/10/98	11	4300.	6430.	21000.	230.	32938900.	5739.242	604.	2300.	9300.	18660.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-12/10/98	11	3.633	3.619	4.322	2.362	0.26	0.51	2.554	3.362	3.968	4.251
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4157.554								

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Annual Analysis for 1973 - Station FOPU0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/68-12/10/98	12	19.	20.333	28.5	8.	45.606	6.753	9.2	16.	27.25	28.35
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-12/10/98	12	12600.	13594.167	29000.	3480.	67757862.879	8231.516	3831.	6200.	21000.	27230.
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-12/10/98	12	6.1	6.058	10.1	3.5	4.012	2.003	3.59	4.1	7.375	9.59
00310p	BOD, 5 DAY, 20 DEG C MG/L	03/20/68-12/10/98	12	0.55	0.708	2.7	0.1	0.432	0.657	0.16	0.5	0.675	2.16
00400p	PH (STANDARD UNITS)	09/30/69-12/10/98	12	7.05	7.042	7.7	6.6	0.104	0.323	6.6	6.8	7.25	7.61
00400p	CONVERTED PH (STANDARD UNITS)	09/30/69-12/10/98	12	7.047	6.943	7.7	6.6	0.115	0.339	6.6	6.8	7.25	7.61
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/69-12/10/98	12	0.09	0.114	0.251	0.02	0.006	0.076	0.026	0.057	0.158	0.251
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	05/21/68-12/10/98	12	38.	42.417	68.	22.	261.72	16.178	23.5	29.25	58.75	67.1
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/15/68-12/10/98	11	27.	30.818	68.	19.	195.564	13.984	19.	22.	31.	63.
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/23/73-12/10/98	12	5.5	5.583	7.	4.	1.174	1.084	4.	5.	6.75	7.
00940p	CHLORIDE,TOTAL IN WATER MG/L	02/15/68-12/10/98	12	4025.	4900.833	9900.	1650.	9559917.424	3091.912	1755.	2062.5	7650.	9870.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-12/10/98	11	4300.	10230.	43000.	930.	153616300.	12394.204	1204.	4300.	9300.	39000.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-12/10/98	11	3.633	3.788	4.633	2.968	0.207	0.454	3.047	3.633	3.968	4.579
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6141.872								

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Annual Analysis for 1974 - Station FOPU0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-12/10/98	6	20.	20.	20.	20.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/68-12/10/98	12	18.8	19.25	25.4	13.5	17.375	4.168	13.5	16.025	23.3	25.31
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-12/10/98	12	14300.	14541.667	22200.	8600.	18273560.606	4274.759	8840.	11625.	18600.	21630.
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-12/10/98	10	6.35	5.86	7.4	3.9	2.016	1.42	3.93	4.35	7.1	7.4
00310p	BOD, 5 DAY, 20 DEG C MG/L	03/20/68-12/10/98	12	0.7	0.725	1.5	0.2	0.133	0.365	0.23	0.375	0.9	1.38
00400p	PH (STANDARD UNITS)	09/30/69-12/10/98	12	7.1	7.083	7.5	6.8	0.031	0.175	6.83	7.	7.175	7.41
00400p	CONVERTED PH (STANDARD UNITS)	09/30/69-12/10/98	12	7.1	7.054	7.5	6.8	0.032	0.178	6.83	7.	7.175	7.41
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/69-12/10/98	12	0.079	0.088	0.158	0.032	0.001	0.032	0.041	0.067	0.1	0.149
00403p	PH, LAB, STANDARD UNITS SU	02/15/68-12/10/98	12	7.55	7.533	7.8	7.2	0.041	0.202	7.23	7.325	7.7	7.8
00403p	CONVERTED PH, LAB, STANDARD UNITS	02/15/68-12/10/98	12	7.547	7.49	7.8	7.2	0.043	0.207	7.23	7.325	7.7	7.8
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/15/68-12/10/98	12	0.028	0.032	0.063	0.016	0.	0.015	0.016	0.02	0.048	0.059
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	05/21/68-12/10/98	12	48.	49.667	68.	37.	107.333	10.36	37.3	39.25	58.	66.8
00480p	SALINITY - PARTS PER THOUSAND	02/05/74-05/14/91	9	10.3	10.222	15.9	6.2	9.289	3.048	6.2	7.8	12.4	15.9
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/15/68-12/10/98	12	30.5	37.	112.	15.	688.364	26.237	15.3	19.75	41.5	94.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/07/74-12/10/98	2	0.09	0.09	0.1	0.08	0.	0.014	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/07/74-12/10/98	2	0.18	0.18	0.21	0.15	0.002	0.042	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/07/74-12/10/98	2	0.195	0.195	0.31	0.08	0.026	0.163	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/23/73-12/10/98	8	5.	5.75	12.	4.	7.357	2.712	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	02/15/68-12/10/98	12	6200.	6500.	10500.	3750.	4898636.364	2213.286	3780.	4400.	8100.	10260.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-12/10/98	6	2300.	2466.667	4300.	1500.	902666.667	950.088	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-12/10/98	6	3.362	3.369	3.633	3.176	0.022	0.148	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2341.498								

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Annual Analysis for 1976 - Station FOPU0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-12/10/98	14	3.	10.214	20.	2.	77.412	8.798	2.5	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/68-12/10/98	17	25.3	22.8	29.	10.1	44.19	6.648	10.1	17.8	28.	28.28
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/02/72-12/10/98	17	24.	20.6	35.	4.	110.416	10.508	4.	10.45	28.35	35.
00080	COLOR (PLATINUM-COBALT UNITS)	08/12/68-12/10/98	5	15.	16.6	25.	8.	40.3	6.348	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-12/10/98	12	24200.	21791.667	37600.	6900.	103651742.424	10180.95	7110.	11200.	29300.	35980.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/68-12/10/98	5	13600.	14500.	20500.	9700.	16025000.	4003.124	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-12/10/98	17	5.6	5.835	8.8	4.1	2.766	1.663	4.26	4.4	7.25	8.56

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Annual Analysis for 1976 - Station FOPU0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00310p	BOD, 5 DAY, 20 DEG C MG/L	03/20/68-12/10/98	5	1.1	1.2	1.8	1.	0.115	0.339	**	**	**	**
00400p	PH (STANDARD UNITS)	09/30/69-12/10/98	12	6.95	6.867	7.5	6.	0.219	0.468	6.03	6.625	7.25	7.47
00400p	CONVERTED PH (STANDARD UNITS)	09/30/69-12/10/98	12	6.947	6.612	7.5	6.	0.289	0.538	6.03	6.625	7.25	7.47
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/69-12/10/98	12	0.113	0.244	1.	0.032	0.099	0.315	0.034	0.057	0.238	0.938
00403p	PH, LAB, STANDARD UNITS SU	02/15/68-12/10/98	5	7.6	7.54	7.6	7.4	0.008	0.089	**	**	**	**
00403p	CONVERTED PH, LAB, STANDARD UNITS	02/15/68-12/10/98	5	7.6	7.532	7.6	7.4	0.008	0.09	**	**	**	**
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/15/68-12/10/98	5	0.025	0.029	0.04	0.025	0.	0.006	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	05/21/68-12/10/98	5	50.	50.	56.	45.	18.5	4.301	**	**	**	**
00480p	SALINITY - PARTS PER THOUSAND	02/05/74-05/14/91	9	15.	14.022	21.4	4.5	42.514	6.52	4.5	7.4	20.45	21.4
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/15/68-12/10/98	5	5.	6.8	16.	2.	29.7	5.45	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/07/74-12/10/98	2	0.13	0.13	0.14	0.12	0.	0.014	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/07/74-12/10/98	2	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/07/74-12/10/98	2	0.075	0.075	0.08	0.07	0.	0.007	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	02/15/68-12/10/98	5	5600.	5649.	7250.	4545.	1311505.	1145.21	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-12/10/98	5	9300.	25923.	93000.	15.	1480742645.	38480.419	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-12/10/98	5	3.968	3.622	4.968	1.176	2.116	1.455	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4184.569								
82078p	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	09/21/76-05/14/91	8	16.5	17.5	32.	8.	53.429	7.309	**	**	**	**

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Annual Analysis for 1977 - Station FOPU0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-12/10/98	20	11.5	11.5	20.	3.	76.053	8.721	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/68-12/10/98	20	15.55	16.285	28.7	6.1	57.809	7.603	6.14	10.	22.	27.81
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/02/72-12/10/98	20	19.25	19.415	32.5	5.	64.679	8.042	5.5	14.125	27.	32.08
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-12/10/98	20	21250.	19130.5	35000.	4510.	85839447.105	9264.958	7000.	10500.	26250.	33750.
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-12/10/98	20	6.7	7.095	10.2	4.7	3.422	1.85	4.94	5.5	8.75	10.16
00400p	PH (STANDARD UNITS)	09/30/69-12/10/98	16	7.15	7.244	8.1	6.8	0.12	0.346	6.87	7.	7.45	7.89
00400p	CONVERTED PH (STANDARD UNITS)	09/30/69-12/10/98	16	7.147	7.146	8.1	6.8	0.13	0.361	6.87	7.	7.45	7.89
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/69-12/10/98	16	0.071	0.071	0.158	0.008	0.002	0.041	0.013	0.036	0.1	0.136
00480p	SALINITY - PARTS PER THOUSAND	02/05/74-05/14/91	10	18.	18.38	24.	15.1	7.395	2.719	15.14	15.875	20.075	23.63
82078p	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	09/21/76-05/14/91	20	12.	16.9	75.	5.	250.516	15.828	6.	7.25	20.25	34.2

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Annual Analysis for 1978 - Station FOPU0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-12/10/98	25	3.	11.16	20.	3.	75.14	8.668	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/68-12/10/98	25	20.	19.96	29.5	6.5	51.436	7.172	8.6	15.	26.5	28.6
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/02/72-12/10/98	25	25.	22.44	30.	6.	48.569	6.969	10.2	18.5	28.	29.4
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-12/10/98	22	20100.	21609.091	41300.	4300.	112854199.134	10623.286	7280.	14175.	30550.	36720.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/68-12/10/98	1	15200.	15200.	15200.	15200.	0.	0.	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-12/10/98	25	5.9	6.448	10.8	3.9	4.198	2.049	4.4	4.65	8.	9.88
00400p	PH (STANDARD UNITS)	09/30/69-12/10/98	23	7.6	7.426	8.1	6.6	0.166	0.407	6.78	7.	7.7	7.96
00400p	CONVERTED PH (STANDARD UNITS)	09/30/69-12/10/98	23	7.6	7.231	8.1	6.6	0.205	0.453	6.78	7.	7.7	7.96
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/69-12/10/98	23	0.025	0.059	0.251	0.008	0.004	0.064	0.011	0.02	0.1	0.17
00480p	SALINITY - PARTS PER THOUSAND	02/05/74-05/14/91	25	12.8	13.84	24.6	4.1	31.269	5.592	6.84	10.	19.05	22.74
82078p	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	09/21/76-05/14/91	22	13.5	15.318	42.	4.	101.084	10.054	4.3	6.75	21.25	30.2

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Annual Analysis for 1979 - Station FOPU0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-12/10/98	36	3.	11.028	20.	3.	74.085	8.607	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/68-12/10/98	36	19.5	19.264	29.5	8.5	46.336	6.807	8.5	13.5	25.	27.05
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/02/72-12/10/98	36	20.5	18.967	29.5	1.	71.695	8.467	6.6	12.	26.525	28.45
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-12/10/98	27	17200.	18948.148	36800.	7300.	76987977.208	8774.279	8260.	12000.	25800.	31780.
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-12/10/98	34	6.15	6.385	9.4	4.1	2.317	1.522	4.5	4.9	7.8	8.5
00400p	PH (STANDARD UNITS)	09/30/69-12/10/98	36	7.25	7.172	8.	6.	0.285	0.534	6.47	6.75	7.6	7.9
00400p	CONVERTED PH (STANDARD UNITS)	09/30/69-12/10/98	36	7.247	6.836	8.	6.	0.402	0.634	6.47	6.75	7.6	7.9
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/69-12/10/98	36	0.057	0.146	1.	0.01	0.053	0.231	0.013	0.025	0.181	0.341
00480p	SALINITY - PARTS PER THOUSAND	02/05/74-05/14/91	27	13.4	12.656	22.1	5.	31.133	5.58	5.16	7.9	17.2	21.7
82078p	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	09/21/76-05/14/91	24	15.5	17.288	38.	7.2	60.511	7.779	8.1	12.	22.	29.5

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Annual Analysis for 1980 - Station FOPU0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-12/10/98	24	11.5	11.5	20.	3.	75.391	8.683	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/68-12/10/98	22	19.5	18.227	28.	7.	48.684	6.977	8.25	11.375	25.125	27.85
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/02/72-12/10/98	24	23.75	21.583	34.	5.	85.862	9.266	8.25	12.25	30.375	33.25
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-12/10/98	22	20250.	21390.909	38300.	4700.	65059913.42	8065.973	9370.	16825.	25225.	33140.
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-12/10/98	24	6.5	7.054	10.2	4.3	2.837	1.684	4.85	6.	8.65	9.5
00400p	PH (STANDARD UNITS)	09/30/69-12/10/98	18	7.5	7.5	8.1	6.8	0.194	0.441	6.8	7.075	7.9	8.01
00400p	CONVERTED PH (STANDARD UNITS)	09/30/69-12/10/98	18	7.5	7.296	8.1	6.8	0.238	0.488	6.8	7.075	7.9	8.01
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/69-12/10/98	18	0.032	0.051	0.158	0.008	0.002	0.05	0.01	0.013	0.085	0.158
00480p	SALINITY - PARTS PER THOUSAND	02/05/74-05/14/91	20	15.4	15.03	22.7	3.2	27.613	5.255	6.93	12.	19.4	22.35
82078p	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	09/21/76-05/14/91	24	8.	9.208	17.	4.	15.042	3.878	5.	6.25	12.	16.

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Annual Analysis for 1981 - Station FOPU0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-12/10/98	30	3.	9.8	20.	3.	71.752	8.471	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/68-12/10/98	30	20.	19.94	29.7	8.5	51.698	7.19	9.15	13.375	27.375	29.45
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/02/72-12/10/98	30	23.	22.983	33.5	10.	49.801	7.057	10.65	18.	29.	32.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-12/10/98	24	29050.	28475.	40200.	13100.	54050652.174	7351.915	19200.	22175.	33750.	39200.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/68-12/10/98	6	24700.	26116.667	31800.	21900.	21957666.667	4685.901	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-12/10/98	30	6.2	6.75	10.3	4.2	3.914	1.978	4.52	5.05	8.2	10.1
00400p	PH (STANDARD UNITS)	09/30/69-12/10/98	24	6.4	6.667	7.9	5.7	0.414	0.643	5.9	6.3	7.175	7.8
00400p	CONVERTED PH (STANDARD UNITS)	09/30/69-12/10/98	24	6.4	6.34	7.9	5.7	0.525	0.725	5.9	6.3	7.175	7.8
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/69-12/10/98	24	0.398	0.457	1.995	0.013	0.279	0.528	0.016	0.067	0.501	1.395
00480p	SALINITY - PARTS PER THOUSAND	02/05/74-05/14/91	30	18.2	18.893	26.5	10.4	16.403	4.05	12.46	16.9	21.975	24.71
82078p	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	09/21/76-05/14/91	23	9.	11.174	33.	5.	46.605	6.827	5.	7.	13.	22.8

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Annual Analysis for 1982 - Station FOPU0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-12/10/98	24	11.5	11.5	20.	3.	75.391	8.683	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/68-12/10/98	24	20.	20.354	29.	10.	48.271	6.948	10.25	12.5	27.75	28.25
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/02/72-12/10/98	24	24.5	22.125	32.	10.	49.918	7.065	10.	16.25	27.5	30.5
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-12/10/98	24	25300.	24266.667	40000.	8600.	86941449.275	9324.24	10950.	16275.	29900.	38600.

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Annual Analysis for 1982 - Station FOPU0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-12/10/98	24	6.45	6.479	9.1	3.8	3.003	1.733	4.3	5.025	8.35	8.95
00400p	PH (STANDARD UNITS)	09/30/69-12/10/98	22	6.45	6.482	7.	6.1	0.052	0.228	6.2	6.3	6.625	6.84
00400p	CONVERTED PH (STANDARD UNITS)	09/30/69-12/10/98	22	6.447	6.43	7.	6.1	0.055	0.234	6.2	6.3	6.625	6.84
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/69-12/10/98	22	0.357	0.372	0.794	0.1	0.031	0.177	0.148	0.238	0.501	0.631
00480p	SALINITY - PARTS PER THOUSAND	02/05/74-05/14/91	24	15.85	16.004	27.8	5.4	33.085	5.752	7.9	12.325	19.925	24.5
82078p	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	09/21/76-05/14/91	24	14.5	16.125	41.	3.	90.114	9.493	5.	8.5	19.75	32.5

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Annual Analysis for 1983 - Station FOPU0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-12/10/98	24	11.5	11.5	20.	3.	75.391	8.683	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/68-12/10/98	24	19.5	19.938	30.	8.	57.507	7.583	8.5	13.625	27.75	29.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/02/72-12/10/98	24	21.75	21.458	35.	6.	87.933	9.377	7.5	12.375	30.25	34.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-12/10/98	23	18600.	19413.043	31300.	10000.	40868458.498	6392.844	10520.	14900.	24600.	29140.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/68-12/10/98	1	19300.	19300.	19300.	19300.	0.	0.	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-12/10/98	24	6.45	6.675	10.1	2.7	5.053	2.248	3.65	4.975	8.9	9.9
00400p	PH (STANDARD UNITS)	09/30/69-12/10/98	21	6.3	6.652	7.6	6.1	0.285	0.533	6.12	6.2	7.15	7.58
00400p	CONVERTED PH (STANDARD UNITS)	09/30/69-12/10/98	21	6.3	6.433	7.6	6.1	0.335	0.579	6.12	6.2	7.15	7.58
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/69-12/10/98	21	0.501	0.369	0.794	0.025	0.075	0.274	0.026	0.071	0.631	0.762
00480p	SALINITY - PARTS PER THOUSAND	02/05/74-05/14/91	24	12.65	13.121	22.8	6.2	22.767	4.771	7.1	9.525	15.95	22.05
82078p	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	09/21/76-05/14/91	24	12.5	12.625	33.	5.	46.158	6.794	5.5	7.	15.	23.

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Annual Analysis for 1984 - Station FOPU0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-12/10/98	20	11.5	11.5	20.	3.	76.053	8.721	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/68-12/10/98	20	23.	20.775	28.5	7.5	46.039	6.785	8.65	17.	25.375	28.4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/02/72-12/10/98	20	20.	22.275	34.	14.	45.855	6.772	14.2	17.	28.5	33.65
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-12/10/98	18	17800.	17294.444	26000.	8000.	27113496.732	5207.062	9710.	13500.	21675.	24020.
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-12/10/98	20	5.35	6.385	10.4	4.5	4.023	2.006	4.51	4.85	7.475	10.21
00400p	PH (STANDARD UNITS)	09/30/69-12/10/98	15	6.9	6.967	7.4	6.8	0.025	0.159	6.8	6.9	7.	7.28
00400p	CONVERTED PH (STANDARD UNITS)	09/30/69-12/10/98	15	6.9	6.944	7.4	6.8	0.026	0.161	6.8	6.9	7.	7.28
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/69-12/10/98	15	0.126	0.114	0.158	0.04	0.001	0.034	0.054	0.1	0.126	0.158
00480p	SALINITY - PARTS PER THOUSAND	02/05/74-05/14/91	18	11.5	10.622	16.	6.5	7.91	2.812	6.77	7.225	12.625	14.02
82078p	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	09/21/76-05/14/91	18	11.5	11.444	20.	4.	26.732	5.17	4.	7.5	15.	20.

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Annual Analysis for 1985 - Station FOPU0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-12/10/98	19	3.	8.474	20.	0.	83.263	9.125	0.	0.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/68-12/10/98	14	15.5	15.607	25.	8.	31.353	5.599	8.5	9.	20.	24.75
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/02/72-12/10/98	14	14.	15.286	25.	3.	70.681	8.407	3.	6.	24.	25.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-12/10/98	15	16000.	18000.	28500.	10800.	40907142.857	6395.869	11700.	12500.	27000.	28200.
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-12/10/98	14	8.05	7.7	9.8	5.2	2.752	1.659	5.2	6.05	9.125	9.7
00400p	PH (STANDARD UNITS)	09/30/69-12/10/98	12	7.05	6.925	7.2	6.5	0.057	0.238	6.53	6.7	7.1	7.17
00400p	CONVERTED PH (STANDARD UNITS)	09/30/69-12/10/98	12	7.047	6.861	7.2	6.5	0.061	0.247	6.53	6.7	7.1	7.17
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/69-12/10/98	12	0.09	0.138	0.316	0.063	0.007	0.083	0.068	0.079	0.2	0.297

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Annual Analysis for 1985 - Station FOPU0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00480p	SALINITY - PARTS PER THOUSAND	02/05/74-05/14/91	14	11.75	13.093	19.5	9.5	12.648	3.556	9.75	10.275	16.9	19.5
82078p	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	09/21/76-05/14/91	14	14.5	16.214	49.	4.	158.951	12.608	4.5	7.5	18.25	43.

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Annual Analysis for 1986 - Station FOPU0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-12/10/98	22	11.5	11.5	20.	3.	75.69	8.7	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/68-12/10/98	20	21.75	20.215	30.	7.5	49.593	7.042	7.9	13.85	26.	28.85
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/02/72-12/10/98	20	25.5	21.1	30.	3.	74.568	8.635	3.75	14.	27.	29.7
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-12/10/98	22	17750.	19031.818	35100.	10000.	52430844.156	7240.915	11410.	12950.	24100.	32270.
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-12/10/98	22	5.95	6.027	9.	2.9	3.586	1.894	2.99	4.875	8.15	8.85
00400p	PH (STANDARD UNITS)	09/30/69-12/10/98	22	7.05	7.059	7.3	6.7	0.023	0.153	6.9	6.975	7.2	7.3
00400p	CONVERTED PH (STANDARD UNITS)	09/30/69-12/10/98	22	7.047	7.033	7.3	6.7	0.024	0.156	6.9	6.975	7.2	7.3
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/69-12/10/98	22	0.09	0.093	0.2	0.05	0.001	0.035	0.05	0.063	0.106	0.126
00480p	SALINITY - PARTS PER THOUSAND	02/05/74-05/14/91	22	11.3	12.986	21.5	7.2	19.035	4.363	7.45	9.65	17.	20.15
82078p	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	09/21/76-05/14/91	21	9.	9.667	21.	4.	19.133	4.374	4.2	6.	12.5	15.6

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Annual Analysis for 1987 - Station FOPU0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-12/10/98	24	11.5	11.5	20.	3.	75.391	8.683	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/68-12/10/98	24	19.	19.542	31.	9.	54.976	7.415	10.25	12.75	26.75	30.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/02/72-12/10/98	24	18.2	20.35	33.	5.5	70.514	8.397	8.75	14.125	29.25	32.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-12/10/98	23	20300.	19956.522	29000.	8900.	38001660.079	6164.549	10040.	15200.	25600.	27740.
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-12/10/98	24	6.85	7.05	9.4	4.5	3.006	1.734	4.75	5.5	8.975	9.25
00400p	PH (STANDARD UNITS)	09/30/69-12/10/98	24	6.7	6.683	7.2	6.	0.097	0.312	6.15	6.525	6.9	7.1
00400p	CONVERTED PH (STANDARD UNITS)	09/30/69-12/10/98	24	6.7	6.563	7.2	6.	0.112	0.335	6.15	6.525	6.9	7.1
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/69-12/10/98	24	0.2	0.273	1.	0.063	0.062	0.249	0.079	0.126	0.3	0.751
00480p	SALINITY - PARTS PER THOUSAND	02/05/74-05/14/91	22	13.	12.455	19.3	6.	18.421	4.292	6.55	8.3	15.7	19.02
82078p	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	09/21/76-05/14/91	22	8.	8.455	15.	4.	11.022	3.32	5.	5.	12.	13.4

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Annual Analysis for 1988 - Station FOPU0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-12/10/98	24	11.5	11.5	20.	3.	75.391	8.683	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/68-12/10/98	24	22.3	20.342	30.2	8.8	62.756	7.922	9.75	11.025	27.45	29.1
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/02/72-12/10/98	24	20.5	19.25	31.	2.	70.957	8.424	4.75	14.75	26.75	30.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-12/10/98	24	21000.	21414.583	30600.	10200.	22724669.384	4767.04	14450.	19250.	24450.	28250.
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-12/10/98	24	6.05	6.704	10.8	3.6	5.626	2.372	3.6	4.625	9.075	10.3
00400p	PH (STANDARD UNITS)	09/30/69-12/10/98	24	7.	6.959	7.3	6.4	0.072	0.269	6.6	6.7	7.195	7.3
00400p	CONVERTED PH (STANDARD UNITS)	09/30/69-12/10/98	24	7.	6.876	7.3	6.4	0.079	0.282	6.6	6.7	7.195	7.3
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/69-12/10/98	24	0.1	0.133	0.398	0.05	0.008	0.089	0.05	0.064	0.2	0.251
00480p	SALINITY - PARTS PER THOUSAND	02/05/74-05/14/91	24	14.6	14.213	18.9	6.5	11.919	3.452	9.2	11.55	16.95	18.55
82078p	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	09/21/76-05/14/91	24	6.5	7.246	15.	3.	8.563	2.926	4.	5.	8.	12.5

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Annual Analysis for 1989 - Station FOPU0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-12/10/98	24	11.5	11.5	20.	3.	75.391	8.683	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/68-12/10/98	24	19.85	19.871	29.1	11.6	40.187	6.339	11.85	13.25	26.575	28.95
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/02/72-12/10/98	22	24.	21.764	32.	11.	34.566	5.879	11.9	17.5	25.5	30.35
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-12/10/98	24	26400.	25112.5	34600.	15600.	29551576.087	5436.136	16200.	20375.	28525.	32500.
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-12/10/98	22	5.45	6.155	8.7	4.	2.889	1.7	4.1	4.675	7.975	8.57
00400p	PH (STANDARD UNITS)	09/30/69-12/10/98	24	6.77	6.768	7.9	5.7	0.292	0.541	5.9	6.525	7.1	7.5
00400p	CONVERTED PH (STANDARD UNITS)	09/30/69-12/10/98	24	6.769	6.45	7.9	5.7	0.398	0.631	5.9	6.525	7.1	7.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/69-12/10/98	24	0.17	0.355	1.995	0.013	0.255	0.505	0.035	0.079	0.3	1.292
00480p	SALINITY - PARTS PER THOUSAND	02/05/74-05/14/91	24	16.1	15.158	21.8	8.9	13.848	3.721	9.25	11.825	17.6	20.2
82078p	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	09/21/76-05/14/91	24	12.	13.583	31.	5.	42.514	6.52	6.5	9.5	14.	24.5

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Annual Analysis for 1990 - Station FOPU0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-12/10/98	24	11.5	11.5	20.	3.	75.391	8.683	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/68-12/10/98	24	23.05	20.688	28.8	8.7	45.228	6.725	10.35	14.175	27.25	28.65
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/02/72-12/10/98	24	24.	21.008	34.	5.8	72.272	8.501	6.05	16.25	26.	32.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-12/10/98	24	22250.	22095.	37700.	7310.	84001834.783	9165.251	9370.	14297.5	30850.	35800.
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-12/10/98	24	5.55	6.092	10.2	3.7	2.96	1.72	3.85	4.925	7.275	8.9
00400p	PH (STANDARD UNITS)	09/30/69-12/10/98	23	6.9	6.937	7.6	5.86	0.176	0.42	6.34	6.7	7.2	7.5
00400p	CONVERTED PH (STANDARD UNITS)	09/30/69-12/10/98	23	6.9	6.702	7.6	5.86	0.234	0.484	6.34	6.7	7.2	7.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/69-12/10/98	23	0.126	0.199	1.38	0.025	0.09	0.3	0.032	0.063	0.2	0.556
00480p	SALINITY - PARTS PER THOUSAND	02/05/74-05/14/91	24	12.55	13.113	23.	3.7	35.913	5.993	4.9	8.1	19.375	22.05
82078p	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	09/21/76-05/14/91	20	14.	14.95	38.	5.	44.682	6.684	6.3	12.	16.	20.8

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Annual Analysis for 1991 - Station FOPU0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-12/10/98	16	3.	8.313	20.	3.	66.229	8.138	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/68-12/10/98	16	17.2	18.656	28.4	12.4	28.739	5.361	12.47	14.325	22.975	27.98
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/02/72-12/10/98	16	16.5	18.094	29.5	9.	37.074	6.089	9.7	14.	22.	29.15
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/15/68-12/10/98	5	8.	10.	17.	6.	20.5	4.528	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/12/68-12/10/98	5	15.	19.	40.	5.	167.5	12.942	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-12/10/98	16	21850.	22357.5	35700.	9820.	56842500.	7539.397	10156.	17300.	27300.	35700.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/68-12/10/98	4	27250.	27775.	37000.	19600.	65869166.667	8115.982	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-12/10/98	16	5.65	5.906	7.9	4.3	1.05	1.025	4.72	5.15	7.05	7.34
00310p	BOD, 5 DAY, 20 DEG C MG/L	03/20/68-12/10/98	5	1.	1.2	1.9	0.6	0.255	0.505	**	**	**	**
00400p	PH (STANDARD UNITS)	09/30/69-12/10/98	16	6.8	6.819	7.3	6.	0.118	0.343	6.35	6.6	7.075	7.3
00400p	CONVERTED PH (STANDARD UNITS)	09/30/69-12/10/98	16	6.8	6.677	7.3	6.	0.139	0.373	6.35	6.6	7.075	7.3
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/69-12/10/98	16	0.158	0.21	1.	0.05	0.051	0.226	0.05	0.085	0.251	0.521
00403p	PH, LAB, STANDARD UNITS SU	02/15/68-12/10/98	5	7.6	7.54	7.8	7.1	0.073	0.27	**	**	**	**
00403p	CONVERTED PH, LAB, STANDARD UNITS	02/15/68-12/10/98	5	7.6	7.464	7.8	7.1	0.08	0.283	**	**	**	**
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/15/68-12/10/98	5	0.025	0.034	0.079	0.016	0.001	0.026	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	05/21/68-12/10/98	5	61.	61.6	90.	16.	816.3	28.571	**	**	**	**
00480p	SALINITY - PARTS PER THOUSAND	02/05/74-05/14/91	10	12.3	11.87	16.6	5.5	15.147	3.892	5.53	9.025	14.975	16.58
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/15/68-12/10/98	5	15.	22.8	39.	10.	196.2	14.007	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/07/74-12/10/98	5	0.09	0.086	0.12	0.05	0.001	0.025	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/07/74-12/10/98	4 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/07/74-12/10/98	5	0.1	0.096	0.13	0.05	0.001	0.032	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/23/73-12/10/98	5	4.6	4.36	4.9	3.5	0.398	0.631	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	02/15/68-12/10/98	5	12350.	11159.	15770.	7127.	12715907.	3565.937	**	**	**	**

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Annual Analysis for 1991 - Station FOPU0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-12/10/98	5	40.	78.	270.	10.	11770.	108.49	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-12/10/98	5	1.602	1.607	2.431	1.	0.288	0.536	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			40.428								
82078p	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	09/21/76-05/14/91	10	11.5	14.3	26.	7.	44.456	6.667	7.2	9.	21.	25.8

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Annual Analysis for 1992 - Station FOPU0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-12/10/98	12	3.	3.	3.	3.	0.	0.	3.	3.	3.	3.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/68-12/10/98	12	19.	19.192	28.7	9.9	44.775	6.691	10.05	12.4	25.675	28.28
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/02/72-12/10/98	11	20.	18.727	31.	5.	79.418	8.912	5.4	10.	27.	30.6
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/15/68-12/10/98	12	9.	9.667	13.	5.	7.333	2.708	5.6	8.	12.75	13.
00080	COLOR (PLATINUM-COBALT UNITS)	08/12/68-12/10/98	12	15.	17.083	35.	5.	83.902	9.16	6.5	10.	23.75	33.5
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-12/10/98	12	25850.	23570.833	31200.	10470.	47540644.697	6894.972	10503.	20175.	28000.	30780.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/68-12/10/98	12	24520.	23186.667	30470.	9320.	39564915.152	6290.065	10268.	21930.	26812.5	30005.
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-12/10/98	12	6.3	6.758	9.7	4.6	2.941	1.715	4.69	5.3	8.45	9.49
00310p	BOD, 5 DAY, 20 DEG C MG/L	03/20/68-12/10/98	12	0.95	1.	1.6	0.6	0.153	0.391	0.6	0.625	1.425	1.6
00400p	PH (STANDARD UNITS)	09/30/69-12/10/98	12	7.05	6.989	7.7	6.2	0.263	0.513	6.2	6.45	7.45	7.64
00400p	CONVERTED PH (STANDARD UNITS)	09/30/69-12/10/98	12	7.047	6.705	7.7	6.2	0.352	0.593	6.2	6.45	7.45	7.64
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/69-12/10/98	12	0.09	0.197	0.631	0.02	0.057	0.24	0.023	0.036	0.407	0.631
00403p	PH, LAB, STANDARD UNITS SU	02/15/68-12/10/98	12	7.7	7.608	7.9	7.	0.054	0.231	7.12	7.525	7.7	7.87
00403p	CONVERTED PH, LAB, STANDARD UNITS	02/15/68-12/10/98	12	7.7	7.535	7.9	7.	0.059	0.244	7.12	7.525	7.7	7.87
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/15/68-12/10/98	12	0.02	0.029	0.1	0.013	0.001	0.023	0.014	0.02	0.03	0.082
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	05/21/68-12/10/98	12	69.	63.833	78.	34.	171.606	13.1	36.7	59.25	71.75	76.8
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/15/68-12/10/98	11	24.	24.727	44.	14.	71.218	8.439	14.4	17.	28.	41.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/07/74-12/10/98	12	0.075	0.078	0.17	0.03	0.001	0.037	0.033	0.05	0.098	0.149
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/07/74-12/10/98	12 ##	0.01	0.01	0.01	0.01	0.	0.	0.01	0.01	0.01	0.01
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/07/74-12/10/98	12	0.06	0.079	0.18	0.02	0.002	0.044	0.029	0.053	0.108	0.165
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/23/73-12/10/98	12	3.45	3.817	6.9	1.8	3.125	1.768	1.86	2.1	5.6	6.69
00940p	CHLORIDE,TOTAL IN WATER MG/L	02/15/68-12/10/98	11	8487.	8109.	11610.	2920.	7586425.6	2754.347	3143.6	6103.	10310.	11414.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-12/10/98	11	70.	83.182	330.	10.	8231.364	90.727	10.	20.	110.	290.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-12/10/98	11	1.845	1.71	2.519	1.	0.22	0.469	1.	1.301	2.041	2.438
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			51.299								

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Annual Analysis for 1993 - Station FOPU0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-12/10/98	11	3.	3.	3.	3.	0.	0.	3.	3.	3.	3.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/68-12/10/98	11	17.2	19.8	29.6	10.8	54.34	7.372	11.04	12.5	27.1	29.42
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/02/72-12/10/98	10	14.5	17.3	30.	9.	54.511	7.383	9.1	10.375	25.125	29.55
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/15/68-12/10/98	11	8.	11.182	40.	4.	106.364	10.313	4.	4.	12.	35.2
00080	COLOR (PLATINUM-COBALT UNITS)	08/12/68-12/10/98	11	25.	32.727	120.	5.	1056.818	32.509	6.	10.	30.	108.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-12/10/98	11	25300.	24792.727	38500.	13500.	66133781.818	8132.268	13504.	18200.	30600.	37860.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/68-12/10/98	11	24230.	22736.364	40290.	11660.	91476205.455	9564.319	11836.	12730.	31110.	38958.
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-12/10/98	11	6.9	6.355	8.8	3.4	3.165	1.779	3.66	4.9	7.5	8.78
00310p	BOD, 5 DAY, 20 DEG C MG/L	03/20/68-12/10/98	11	1.	1.064	1.9	0.4	0.157	0.396	0.46	0.7	1.3	1.78
00400p	PH (STANDARD UNITS)	09/30/69-12/10/98	11	7.6	7.573	8.	6.8	0.106	0.326	6.88	7.5	7.8	7.96
00400p	CONVERTED PH (STANDARD UNITS)	09/30/69-12/10/98	11	7.6	7.428	8.	6.8	0.129	0.359	6.88	7.5	7.8	7.96
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/69-12/10/98	11	0.025	0.037	0.158	0.01	0.002	0.043	0.011	0.016	0.032	0.139
00403p	PH, LAB, STANDARD UNITS SU	02/15/68-12/10/98	11	7.7	7.682	8.	7.3	0.04	0.199	7.34	7.6	7.9	7.98
00403p	CONVERTED PH, LAB, STANDARD UNITS	02/15/68-12/10/98	11	7.7	7.64	8.	7.3	0.042	0.204	7.34	7.6	7.9	7.98

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Annual Analysis for 1993 - Station FOPU0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/15/68-12/10/98	11	0.02	0.023	0.05	0.01	0.	0.011	0.011	0.013	0.025	0.046
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	05/21/68-12/10/98	11	65.	62.545	95.	36.	407.073	20.176	36.4	43.	82.	92.6
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/15/68-12/10/98	11	20.	32.182	195.	6.	2951.364	54.326	6.6	10.	22.	160.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/07/74-12/10/98	11	0.05	0.056	0.11	0.015	0.001	0.033	0.015	0.03	0.09	0.108
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/07/74-12/10/98	11 ##	0.01	0.01	0.01	0.01	0.	0.	0.01	0.01	0.01	0.01
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/07/74-12/10/98	11	0.07	0.084	0.28	0.04	0.004	0.067	0.042	0.05	0.08	0.242
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/23/73-12/10/98	11	1.5	1.773	3.	1.	0.476	0.69	1.	1.3	2.3	2.96
00940p	CHLORIDE,TOTAL IN WATER MG/L	02/15/68-12/10/98	10	7817.	8393.9	15300.	3999.	15590664.544	3948.502	4008.6	4323.75	11987.5	15130.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-12/10/98	11	50.	115.	490.	10.	23795.	154.256	10.	10.	130.	458.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-12/10/98	11	1.699	1.731	2.69	1.	0.334	0.578	1.	1.	2.114	2.656
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			53.801								

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Annual Analysis for 1994 - Station FOPU0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-12/10/98	12	3.	2.5	3.	0.	1.364	1.168	0.	3.	3.	3.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/68-12/10/98	12	19.4	19.883	27.7	9.5	42.962	6.555	9.59	14.475	26.7	27.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/02/72-12/10/98	12	21.	18.592	27.	0.	64.11	8.007	2.1	14.75	24.5	26.4
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/15/68-12/10/98	9	7.	9.	16.	5.	14.75	3.841	5.	7.	12.	16.
00080	COLOR (PLATINUM-COBALT UNITS)	08/12/68-12/10/98	9	15.	31.111	75.	10.	773.611	27.814	10.	10.	62.5	75.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-12/10/98	12	22250.	22910.833	31230.	15500.	26307953.788	5129.128	16250.	19200.	26600.	31161.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/68-12/10/98	9	19373.	21727.111	35100.	15627.	46883275.861	6847.136	15627.	16016.	27542.	35100.
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-12/10/98	12	6.05	6.342	9.2	4.6	2.626	1.621	4.63	4.775	7.875	8.87
00310p	BOD, 5 DAY, 20 DEG C MG/L	03/20/68-12/10/98	9	1.1	1.033	1.6	0.3	0.15	0.387	0.3	0.8	1.3	1.6
00400p	PH (STANDARD UNITS)	09/30/69-12/10/98	10	7.3	7.322	8.1	6.8	0.168	0.41	6.81	6.9	7.635	8.061
00400p	CONVERTED PH (STANDARD UNITS)	09/30/69-12/10/98	10	7.289	7.175	8.1	6.8	0.192	0.438	6.81	6.9	7.635	8.061
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/69-12/10/98	10	0.051	0.067	0.158	0.008	0.003	0.052	0.009	0.023	0.126	0.155
00403p	PH, LAB, STANDARD UNITS SU	02/15/68-12/10/98	9	7.5	7.522	8.	7.	0.122	0.349	7.	7.2	7.8	8.
00403p	CONVERTED PH, LAB, STANDARD UNITS	02/15/68-12/10/98	9	7.5	7.392	8.	7.	0.141	0.375	7.	7.2	7.8	8.
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/15/68-12/10/98	9	0.032	0.041	0.1	0.01	0.001	0.035	0.01	0.016	0.07	0.1
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	05/21/68-12/10/98	9	58.	59.889	84.	40.	217.361	14.743	40.	47.5	72.5	84.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/15/68-12/10/98	9	16.	19.667	42.	6.	132.75	11.522	6.	12.	28.5	42.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/07/74-12/10/98	9	0.11	0.104	0.15	0.06	0.001	0.034	0.06	0.065	0.135	0.15
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/07/74-12/10/98	9 ##	0.01	0.074	0.56	0.01	0.033	0.182	0.01	0.01	0.023	0.56
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/07/74-12/10/98	9	0.08	0.076	0.13	0.02	0.001	0.037	0.02	0.04	0.1	0.13
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/23/73-12/10/98	9	2.	2.822	6.	1.	3.634	1.906	1.	1.5	4.5	6.
00940p	CHLORIDE,TOTAL IN WATER MG/L	02/15/68-12/10/98	8	5984.	6569.875	9759.	4345.	4088220.696	2021.935	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-12/10/98	9	80.	156.667	490.	10.	32625.	180.624	10.	10.	330.	490.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-12/10/98	9	1.903	1.783	2.69	1.	0.513	0.716	1.	1.	2.519	2.69
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			60.647								

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Annual Analysis for 1995 - Station FOPU0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-12/10/98	10	3.	3.	3.	3.	0.	0.	3.	3.	3.	3.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/68-12/10/98	10	22.15	21.25	29.9	10.9	41.249	6.423	11.18	14.9	27.05	29.69
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/02/72-12/10/98	10	20.5	20.	27.	10.	34.444	5.869	10.3	14.5	26.25	27.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/15/68-12/10/98	5	6.	6.6	9.	4.	3.8	1.949	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/12/68-12/10/98	5	20.	22.	40.	10.	120.	10.954	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-12/10/98	10	20100.	19384.3	32100.	1293.	67914831.567	8241.046	2548.7	15312.5	24625.	31420.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/68-12/10/98	5	16074.	14512.2	22549.	1284.	63079296.2	7942.248	**	**	**	**

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Annual Analysis for 1995 - Station FOPU0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-12/10/98	10	4.75	4.89	8.5	1.5	4.25	2.062	1.68	3.525	6.3	8.31
00310p	BOD, 5 DAY, 20 DEG C MG/L	03/20/68-12/10/98	5 ##	0.5	0.94	1.8	0.5	0.383	0.619	**	**	**	**
00400p	PH (STANDARD UNITS)	09/30/69-12/10/98	10	7.3	7.328	8.16	6.99	0.119	0.344	6.993	7.073	7.443	8.095
00400p	CONVERTED PH (STANDARD UNITS)	09/30/69-12/10/98	10	7.294	7.239	8.16	6.99	0.127	0.357	6.993	7.072	7.442	8.095
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/69-12/10/98	10	0.051	0.058	0.102	0.007	0.001	0.031	0.009	0.036	0.085	0.102
00403p	PH, LAB, STANDARD UNITS SU	02/15/68-12/10/98	5	7.3	7.36	7.6	7.2	0.033	0.182	**	**	**	**
00403p	CONVERTED PH, LAB, STANDARD UNITS	02/15/68-12/10/98	5	7.3	7.332	7.6	7.2	0.034	0.184	**	**	**	**
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/15/68-12/10/98	5	0.05	0.047	0.063	0.025	0.	0.018	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	05/21/68-12/10/98	5	48.	51.4	65.	42.	75.8	8.706	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/15/68-12/10/98	5	16.	15.6	26.	7.	52.3	7.232	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/07/74-12/10/98	5	0.08	0.075	0.1	0.015	0.001	0.035	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/07/74-12/10/98	5 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/07/74-12/10/98	5	0.09	0.092	0.11	0.07	0.	0.018	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/23/73-12/10/98	5	2.	2.6	4.	2.	0.8	0.894	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	02/15/68-12/10/98	5	4900.	5672.6	8055.	4086.	2758317.8	1660.818	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-12/10/98	4	75.	82.5	130.	50.	1158.333	34.034	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-12/10/98	4	1.874	1.89	2.114	1.699	0.03	0.172	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			77.674								

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Annual Analysis for 1996 - Station FOPU0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-12/10/98	7	0.	1.286	3.	0.	2.571	1.604	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/68-12/10/98	5	15.1	17.14	27.8	9.1	51.603	7.184	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/02/72-12/10/98	4	23.	21.25	35.	4.	164.917	12.842	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/15/68-12/10/98	6	7.	10.833	36.	3.	155.767	12.481	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/12/68-12/10/98	5	10.	20.	50.	10.	300.	17.321	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-12/10/98	5	24200.	19497.6	28410.	78.	134923038.8	11615.638	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/68-12/10/98	6	24393.	23799.5	30241.	17003.	19190029.5	4380.643	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-12/10/98	5	6.3	7.08	8.7	5.7	1.982	1.408	**	**	**	**
00310p	BOD, 5 DAY, 20 DEG C MG/L	03/20/68-12/10/98	5	1.6	1.8	4.	0.5	1.735	1.317	**	**	**	**
00400p	PH (STANDARD UNITS)	09/30/69-12/10/98	5	7.47	7.46	8.13	6.96	0.187	0.433	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	09/30/69-12/10/98	5	7.47	7.319	8.13	6.96	0.212	0.461	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/69-12/10/98	5	0.034	0.048	0.11	0.007	0.002	0.039	**	**	**	**
00403p	PH, LAB, STANDARD UNITS SU	02/15/68-12/10/98	6	7.6	6.967	7.7	4.	2.131	1.46	**	**	**	**
00403p	CONVERTED PH, LAB, STANDARD UNITS	02/15/68-12/10/98	6	7.6	4.778	7.7	4.	7.882	2.807	**	**	**	**
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/15/68-12/10/98	6	0.025	16.691	100.	0.02	1665.697	40.813	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	05/21/68-12/10/98	6	63.5	63.167	80.	48.	114.167	10.685	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/15/68-12/10/98	6	13.	25.333	94.	6.	1143.467	33.815	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/07/74-12/10/98	7	0.08	0.068	0.1	0.015	0.001	0.03	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/07/74-12/10/98	4 ##	0.065	0.08	0.18	0.01	0.007	0.084	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/07/74-12/10/98	7	0.06	0.066	0.12	0.05	0.001	0.025	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/23/73-12/10/98	7	2.	1.714	2.	1.	0.238	0.488	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	02/15/68-12/10/98	5	8530.	7880.4	9157.	5400.	2215663.3	1488.51	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-12/10/98	7	20.	54.286	170.	10.	3628.571	60.238	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-12/10/98	7	1.301	1.477	2.23	1.	0.274	0.524	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			29.978								

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

Annual Analysis for 1997 - Station FOPU0063

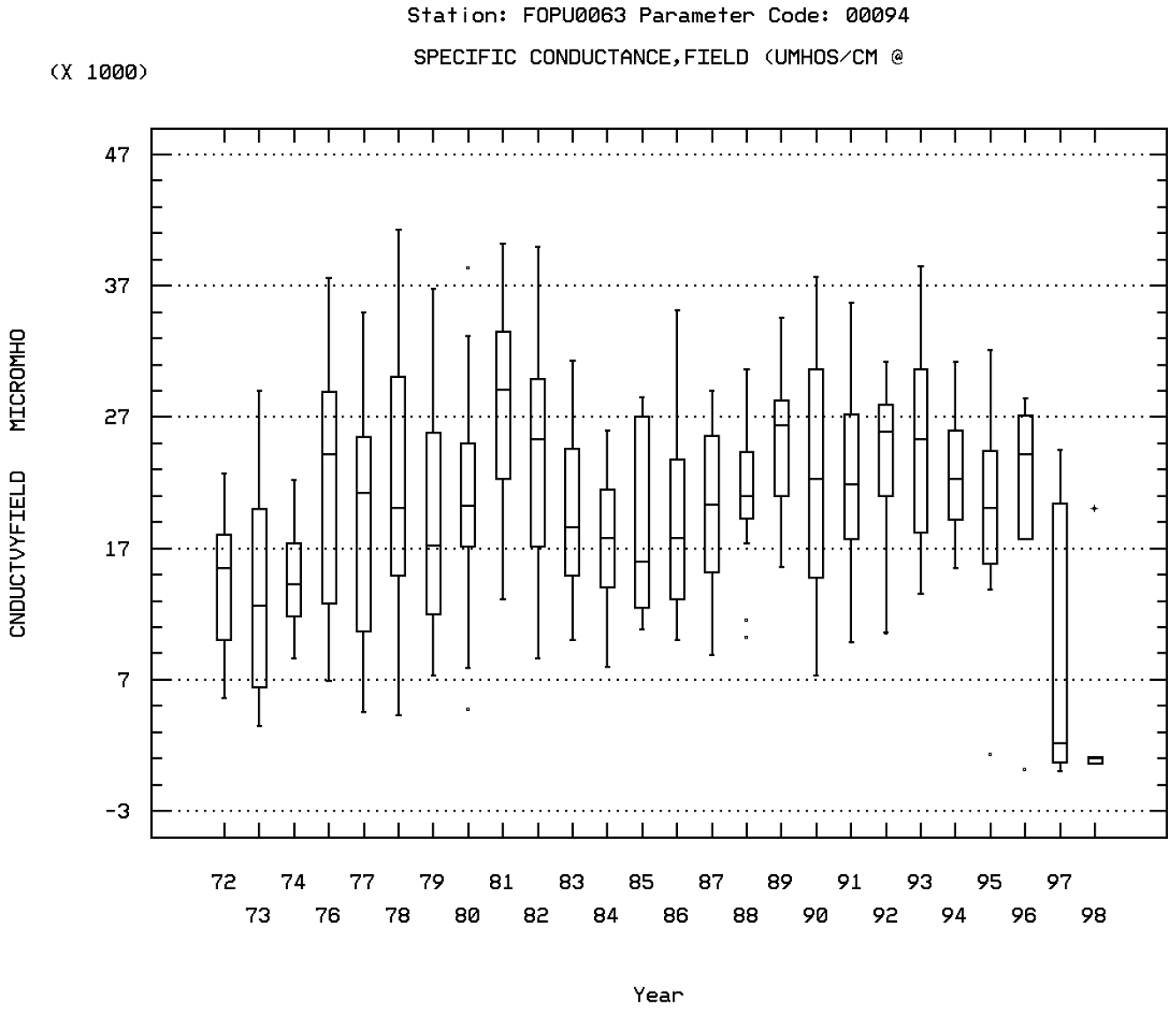
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-12/10/98	13	3.	1.846	3.	0.	2.308	1.519	0.	0.	3.	3.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/68-12/10/98	12	19.75	20.275	29.1	13.1	35.742	5.978	13.13	14.375	26.725	28.62
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/02/72-12/10/98	8	21.5	22.875	33.3	15.5	47.456	6.889	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/15/68-12/10/98	12	5.5	7.	18.	3.	23.636	4.862	3.	3.25	8.5	17.1
00080	COLOR (PLATINUM-COBALT UNITS)	08/12/68-12/10/98	12	12.5	14.167	20.	5.	31.061	5.573	6.5	10.	20.	20.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-12/10/98	11	2200.	10009.818	24500.	13.	113136217.764	10636.551	14.	698.	20400.	24030.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/68-12/10/98	12	18573.5	21356.917	39329.	12142.	61520643.538	7843.51	13061.8	16494.75	25375.	37254.2
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-12/10/98	12	7.15	7.283	13.7	4.6	6.405	2.531	4.69	5.2	8.075	12.5
00310p	BOD, 5 DAY, 20 DEG C MG/L	03/20/68-12/10/98	12 ##	0.5	0.817	1.6	0.5	0.174	0.417	0.5	0.5	1.175	1.54
00400p	PH (STANDARD UNITS)	09/30/69-12/10/98	12	7.86	7.729	8.22	6.76	0.18	0.424	6.883	7.505	8.07	8.193
00400p	CONVERTED PH (STANDARD UNITS)	09/30/69-12/10/98	12	7.86	7.487	8.22	6.76	0.244	0.494	6.883	7.505	8.07	8.193
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/69-12/10/98	12	0.014	0.033	0.174	0.006	0.002	0.048	0.006	0.009	0.032	0.142
00403p	PH, LAB, STANDARD UNITS SU	02/15/68-12/10/98	12	7.6	7.55	7.9	7.2	0.055	0.235	7.2	7.4	7.7	7.9
00403p	CONVERTED PH, LAB, STANDARD UNITS	02/15/68-12/10/98	12	7.6	7.493	7.9	7.2	0.059	0.243	7.2	7.4	7.7	7.9
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/15/68-12/10/98	12	0.025	0.032	0.063	0.013	0.	0.017	0.013	0.02	0.04	0.063
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	05/21/68-12/10/98	12	56.	58.5	94.	35.	259.	16.093	36.2	49.75	68.5	88.6
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/15/68-12/10/98	12	11.	16.	50.	5.	182.909	13.524	5.3	6.25	20.5	44.9
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/07/74-12/10/98	12	0.065	0.061	0.1	0.015	0.001	0.025	0.015	0.053	0.078	0.094
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/07/74-12/10/98	12	0.17	0.151	0.27	0.03	0.006	0.076	0.033	0.083	0.205	0.258
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/07/74-12/10/98	12	0.06	0.066	0.13	0.04	0.001	0.024	0.043	0.05	0.078	0.115
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/23/73-12/10/98	10	4.	4.1	7.	1.	2.322	1.524	1.2	3.75	5.	6.8
00940p	CHLORIDE,TOTAL IN WATER MG/L	02/15/68-12/10/98	11	6950.	7952.727	17000.	3900.	13856261.818	3722.4	4154.	5300.	9900.	15806.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-12/10/98	12	97.5	318.75	2300.	10.	409673.295	640.057	10.	27.5	290.	1757.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-12/10/98	12	1.985	1.992	3.362	1.	0.482	0.694	1.	1.401	2.446	3.16
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			98.198								

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

Annual Analysis for 1998 - Station FOPU0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-12/10/98	6	0.	0.	0.	0.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/68-12/10/98	5	20.8	21.2	28.6	11.1	46.735	6.836	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/02/72-12/10/98	4	27.5	26.1	35.	14.4	81.98	9.054	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/15/68-12/10/98	5	4.	4.2	6.	2.	2.2	1.483	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/12/68-12/10/98	5	20.	21.	40.	5.	155.	12.45	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-12/10/98	5	1000.	4650.	20000.	582.	73682182.	8583.833	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/68-12/10/98	5	17857.	17643.8	22367.	12900.	18222217.7	4268.749	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-12/10/98	5	6.4	5.94	8.	3.5	2.783	1.668	**	**	**	**
00310p	BOD, 5 DAY, 20 DEG C MG/L	03/20/68-12/10/98	5 ##	0.5	0.6	1.	0.5	0.05	0.224	**	**	**	**
00400p	PH (STANDARD UNITS)	09/30/69-12/10/98	5	7.55	7.56	7.68	7.41	0.011	0.103	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	09/30/69-12/10/98	5	7.55	7.55	7.68	7.41	0.011	0.104	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/69-12/10/98	5	0.028	0.028	0.039	0.021	0.	0.007	**	**	**	**
00403p	PH, LAB, STANDARD UNITS SU	02/15/68-12/10/98	5	7.4	7.46	7.7	7.2	0.038	0.195	**	**	**	**
00403p	CONVERTED PH, LAB, STANDARD UNITS	02/15/68-12/10/98	5	7.4	7.425	7.7	7.2	0.04	0.199	**	**	**	**
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/15/68-12/10/98	5	0.04	0.038	0.063	0.02	0.	0.017	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	05/21/68-12/10/98	5	57.	51.	61.	39.	112.5	10.607	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/15/68-12/10/98	5	9.	8.8	11.	7.	3.2	1.789	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/07/74-12/10/98	5	0.03	0.042	0.09	0.015	0.001	0.033	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/07/74-12/10/98	5	0.16	0.148	0.2	0.07	0.003	0.051	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/07/74-12/10/98	5	0.05	0.048	0.06	0.03	0.	0.013	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/23/73-12/10/98	5	5.	4.4	5.	3.	0.8	0.894	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	02/15/68-12/10/98	5	6600.	6224.	8140.	4450.	2876030.	1695.886	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-12/10/98	5	50.	48.	80.	20.	470.	21.679	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-12/10/98	5	1.699	1.641	1.903	1.301	0.048	0.219	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			43.734								

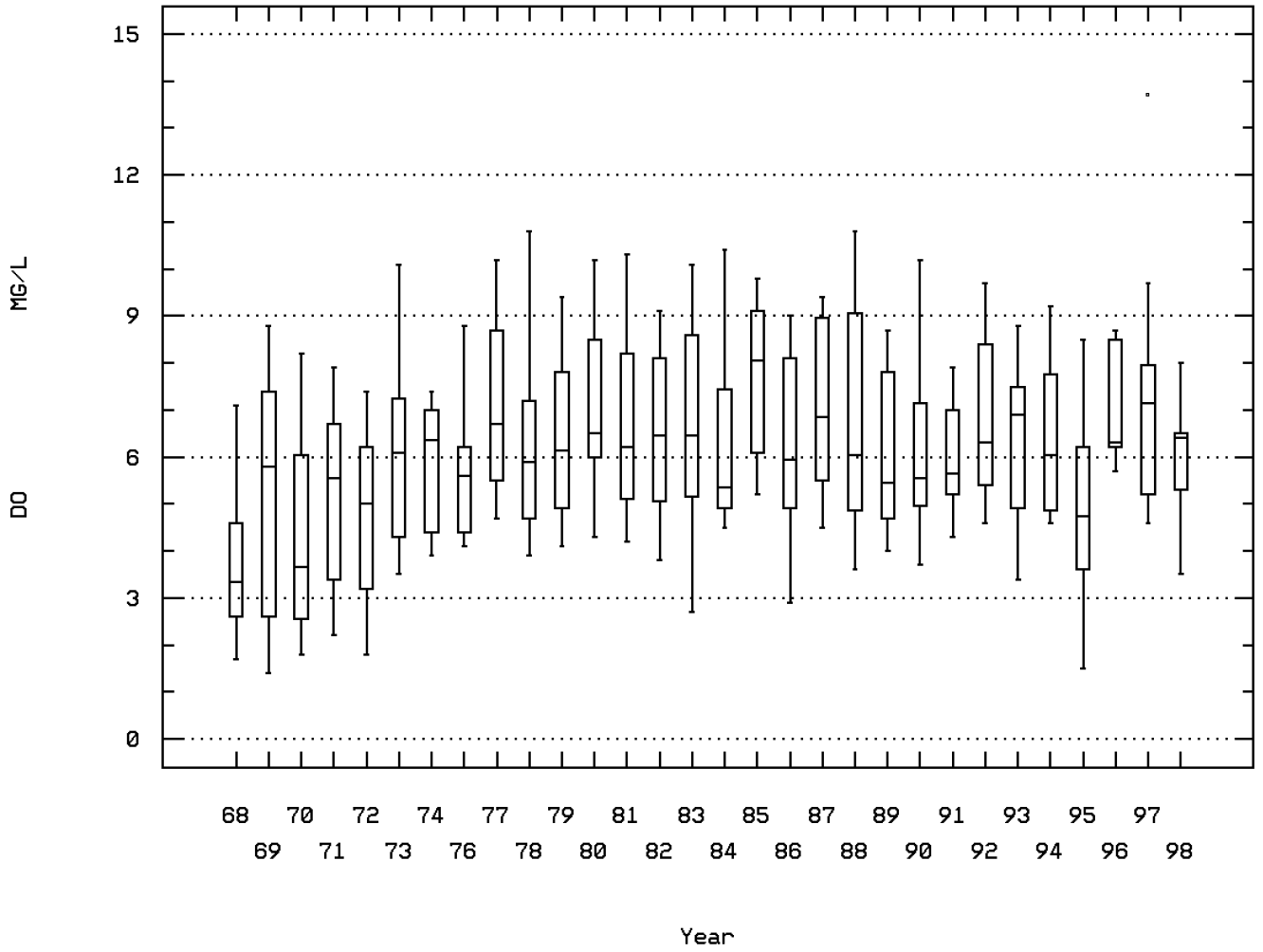
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot



SAVANNAH R. - LOWER FLATS RANGE NEAR FI

Station: FOPU0063 Parameter Code: 00300

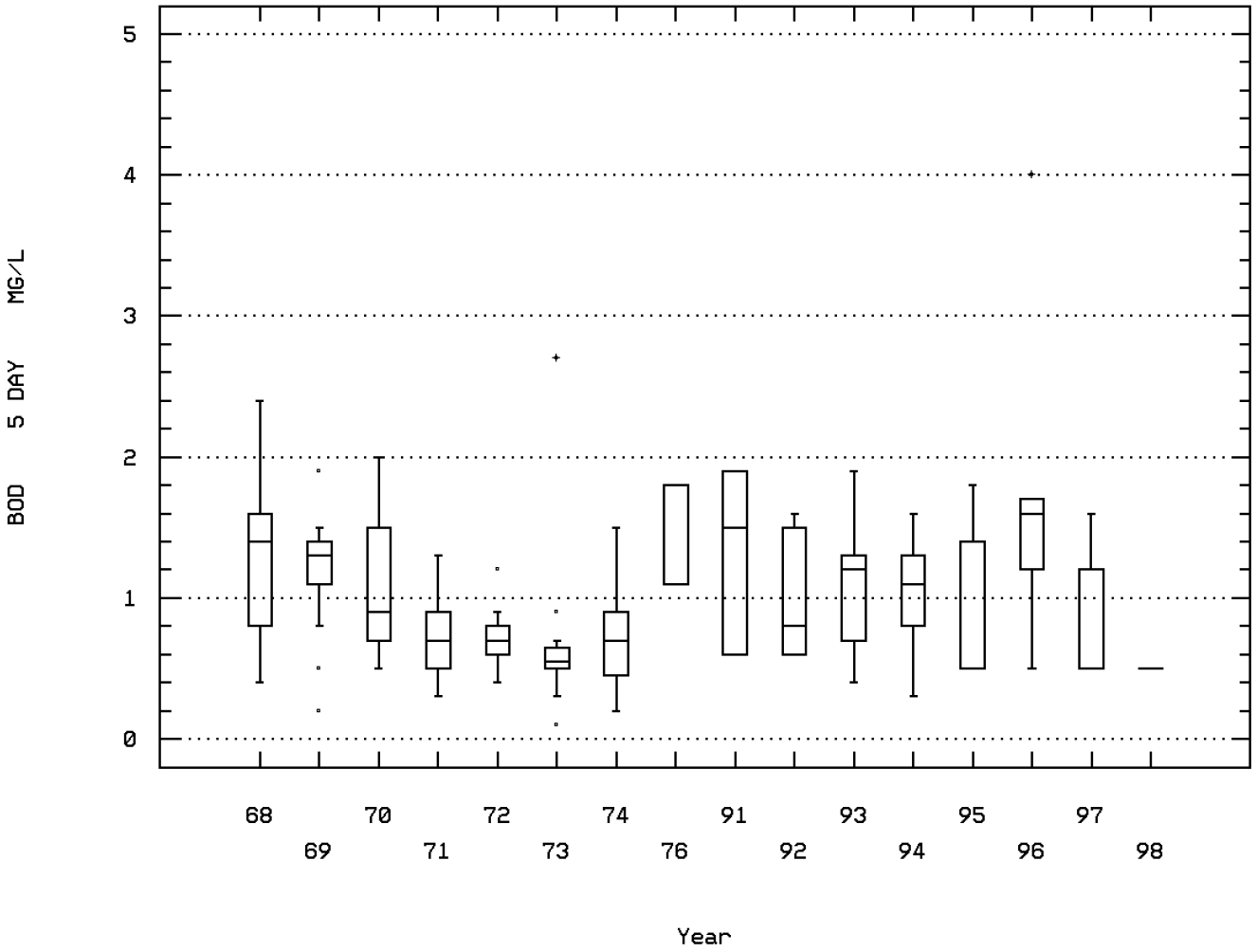
OXYGEN, DISSOLVED



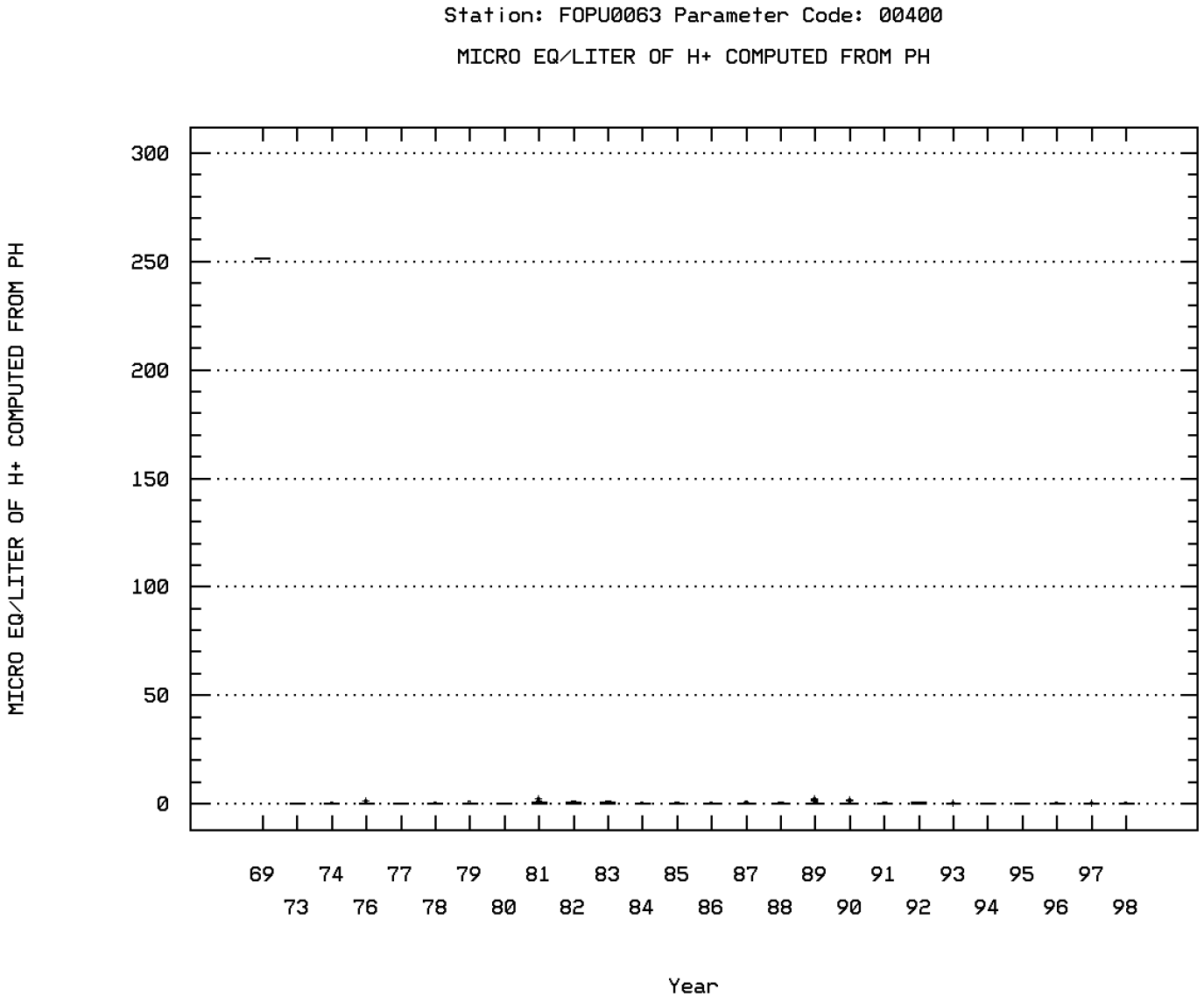
SAVANNAH R. - LOWER FLATS RANGE NEAR FI

Station: FOPU0063 Parameter Code: 00310

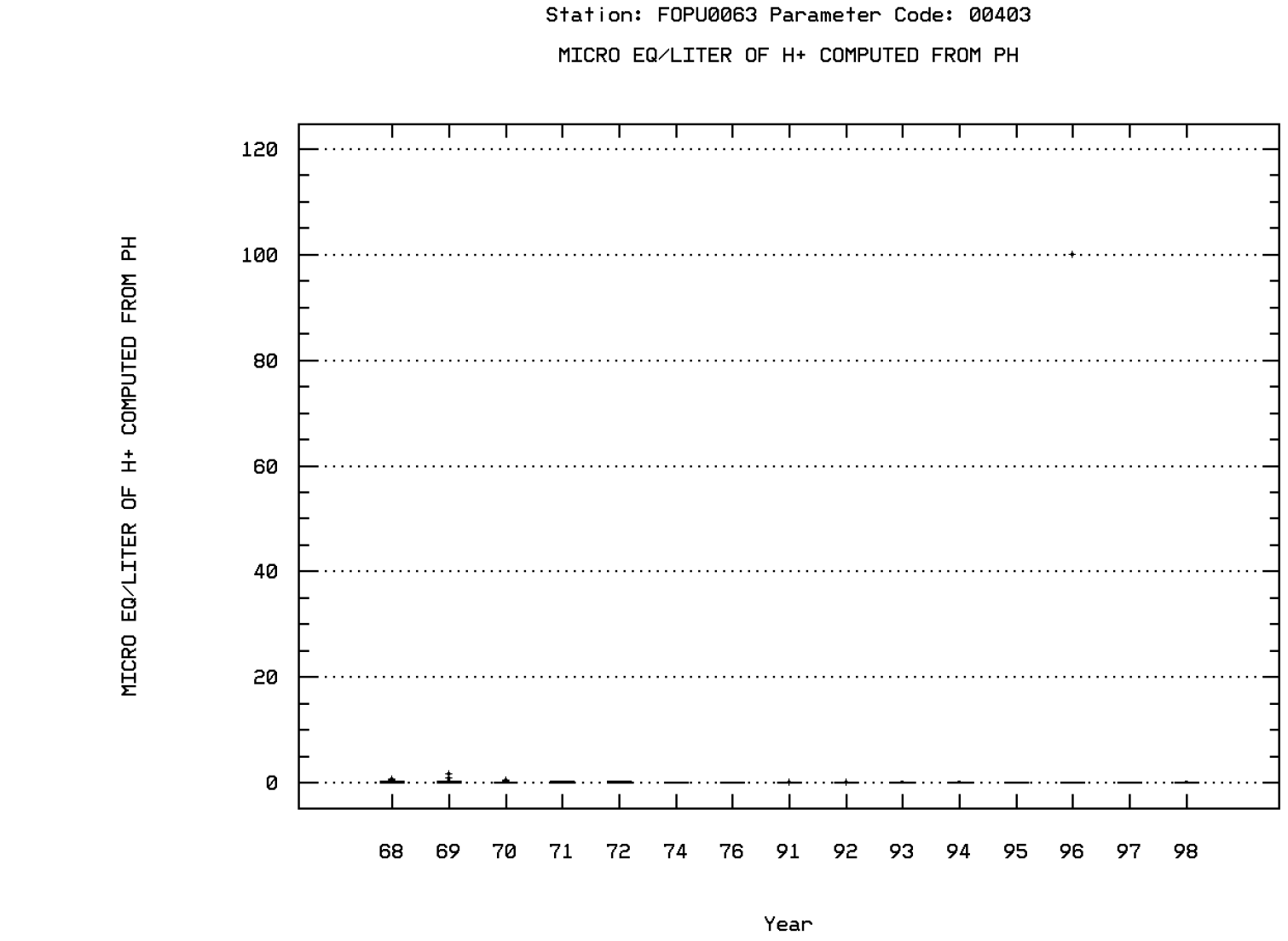
BOD, 5 DAY, 20 DEG C



SAVANNAH R. - LOWER FLATS RANGE NEAR FI



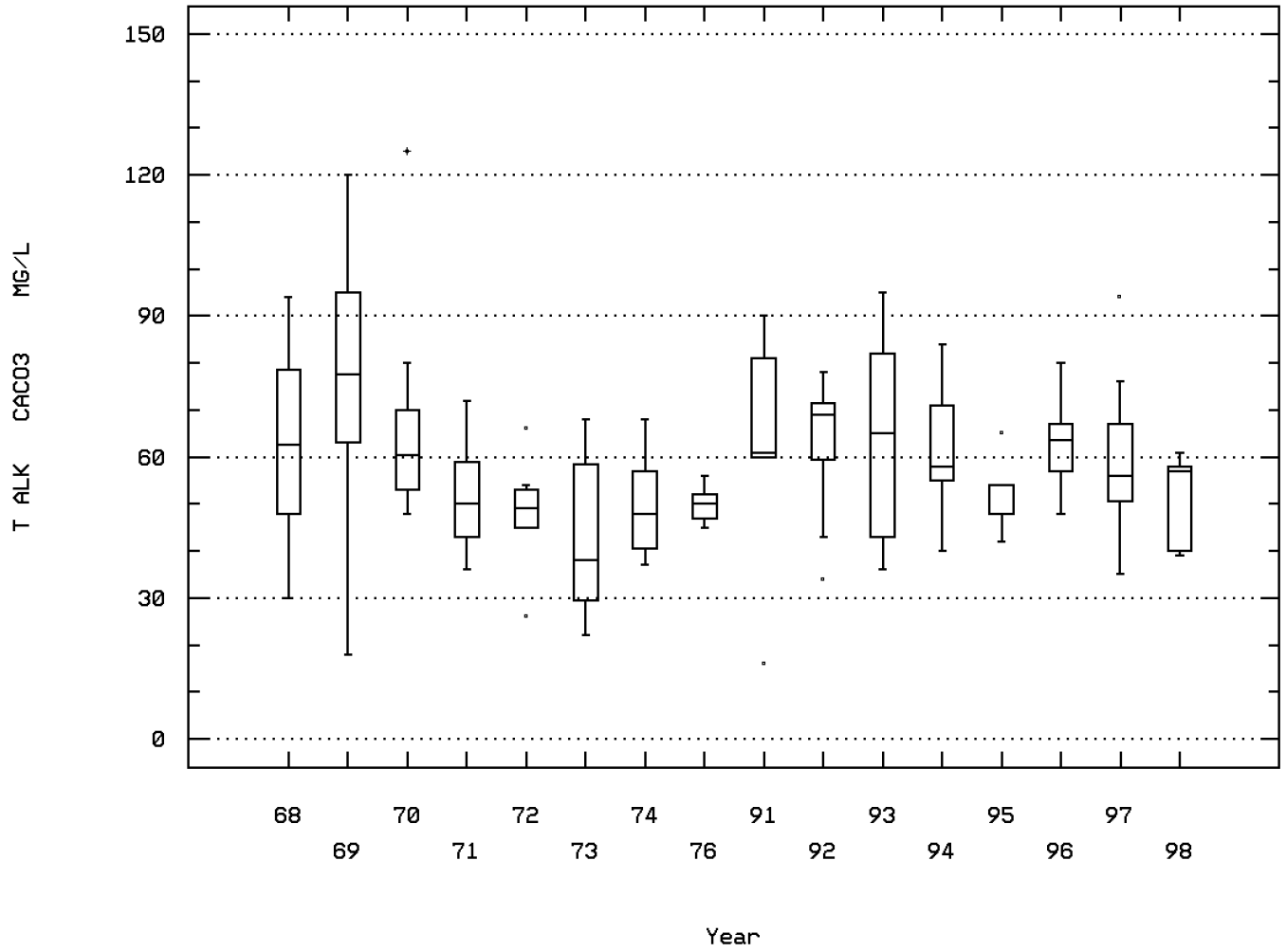
SAVANNAH R. - LOWER FLATS RANGE NEAR FI



SAVANNAH R. - LOWER FLATS RANGE NEAR FI

Station: FOPU0063 Parameter Code: 00410

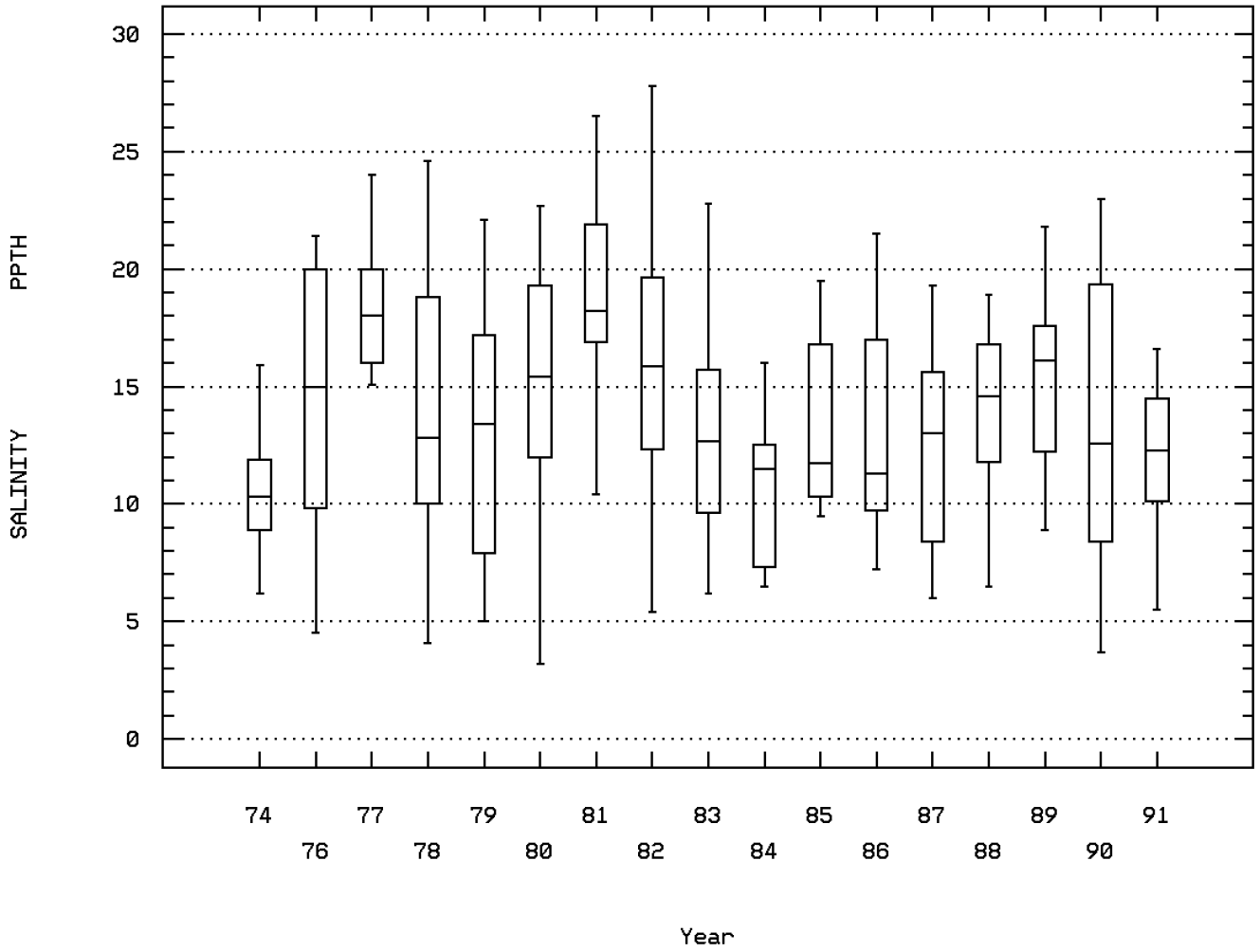
ALKALINITY, TOTAL (MG/L AS CACO3)



SAVANNAH R. - LOWER FLATS RANGE NEAR FI

Station: FOPU0063 Parameter Code: 00480

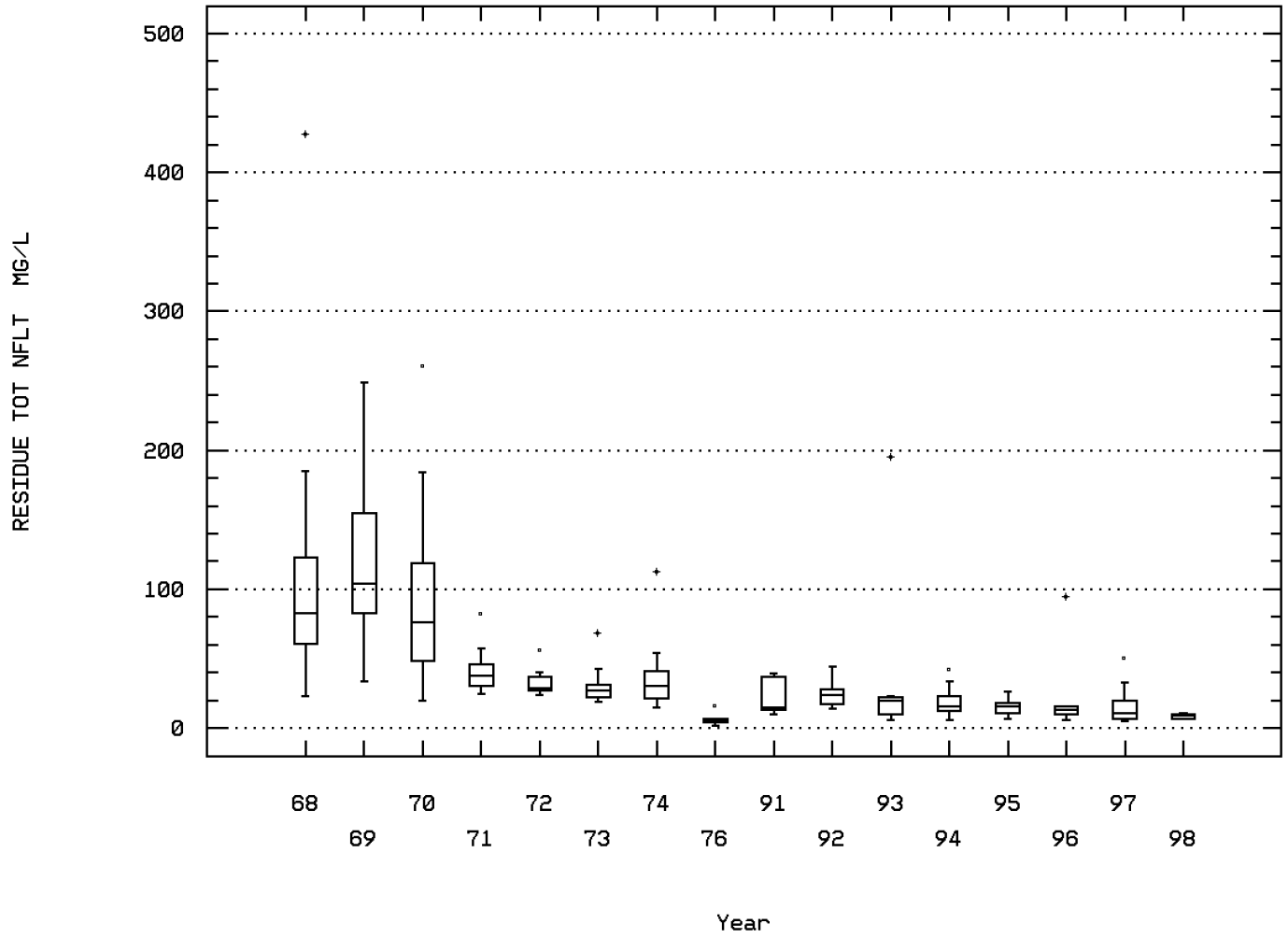
SALINITY - PARTS PER THOUSAND



SAVANNAH R. - LOWER FLATS RANGE NEAR FI

Station: FOPU0063 Parameter Code: 00530

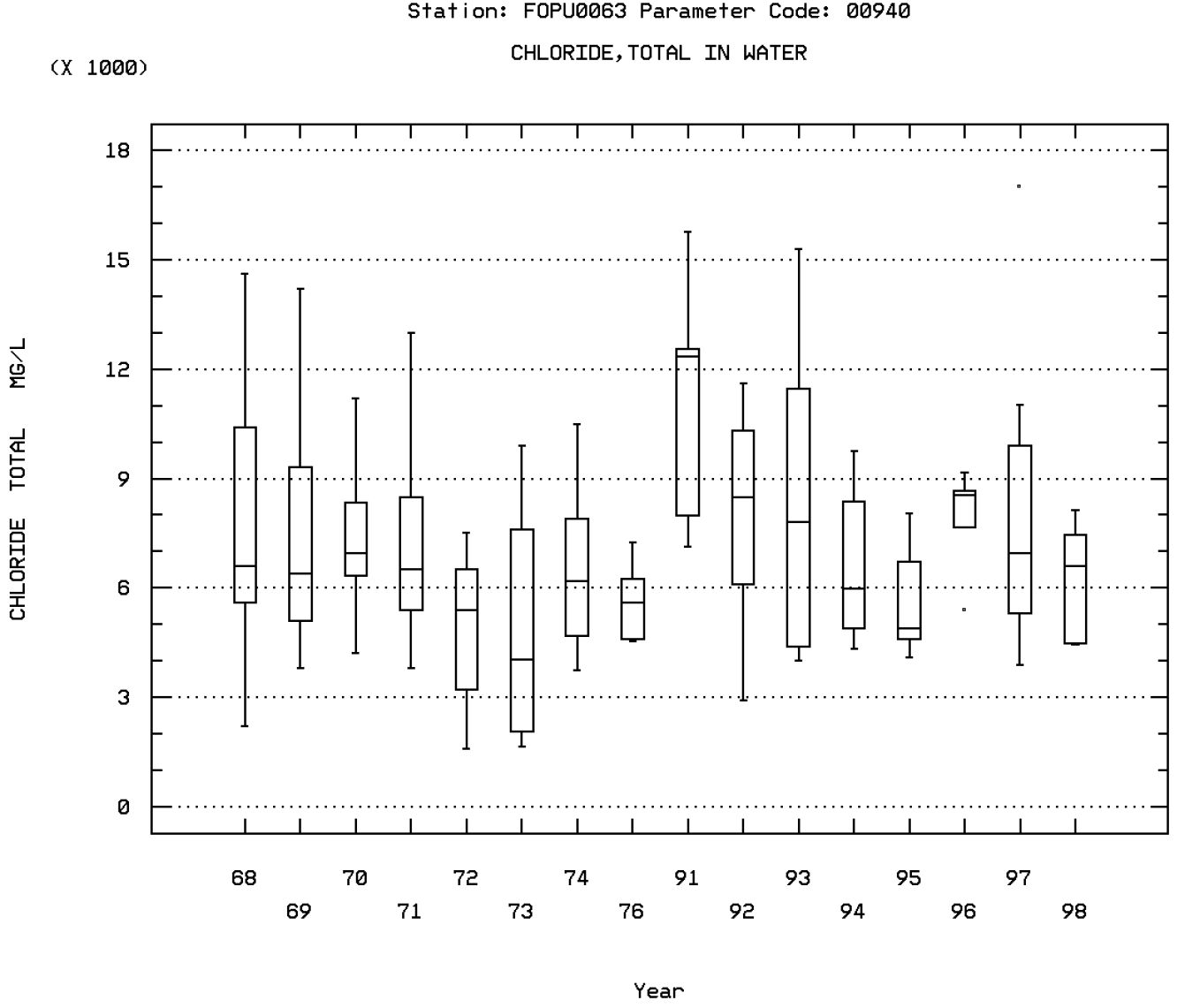
RESIDUE, TOTAL NONFILTRABLE (MG/L)



SAVANNAH R. - LOWER FLATS RANGE NEAR FI

Station: FOPU0063 Parameter Code: 00940

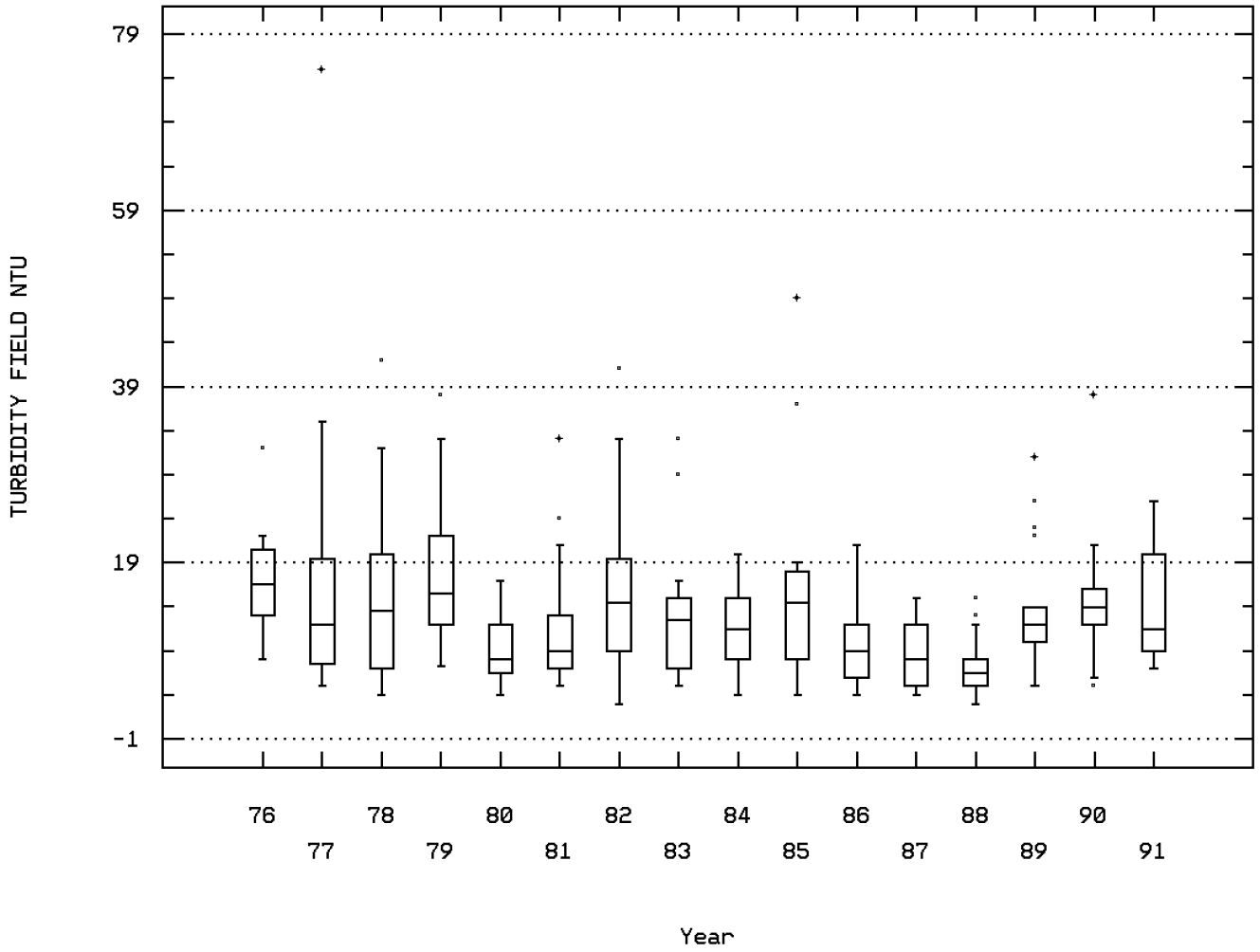
CHLORIDE,TOTAL IN WATER



SAVANNAH R. - LOWER FLATS RANGE NEAR FI

Station: FOPU0063 Parameter Code: 82078

TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY



SAVANNAH R. - LOWER FLATS RANGE NEAR FI

Seasonal Analysis for Season #1: 6/01 to 11/14 - Station FOPU0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-12/10/98	263	3.	10.015	20.	0.	72.214	8.498	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/68-12/10/98	275	26.8	25.685	31.	10.	14.411	3.796	19.5	24.1	28.5	29.54
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/02/72-12/10/98	208	27.	26.058	35.	4.	31.471	5.61	19.95	23.	30.	32.53
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/15/68-12/10/98	43	8.	20.279	75.	2.	534.682	23.123	3.	5.	28.	63.
00080p	COLOR (PLATINUM-COBALT UNITS)	08/12/68-12/10/98	50	20.	21.76	75.	5.	194.676	13.953	10.	10.	25.	34.5
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-12/10/98	202	24800.	24723.109	41300.	78.	61089960.754	7816.007	15630.	19725.	29900.	35170.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/68-12/10/98	92	20060.	20822.87	39329.	7250.	51039470.488	7144.191	12930.	15627.	24965.	31383.
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-12/10/98	275	4.8	4.767	8.5	1.4	1.869	1.367	2.7	3.9	5.6	6.34
00310p	BOD, 5 DAY, 20 DEG C MG/L	03/20/68-12/10/98	106	1.	1.008	2.4	0.1	0.24	0.489	0.5	0.6	1.325	1.73
00400p	PH (STANDARD UNITS)	09/30/69-12/10/98	195	7.1	7.053	8.1	3.6	0.291	0.539	6.4	6.76	7.4	7.7
00400p	CONVERTED PH (STANDARD UNITS)	09/30/69-12/10/98	195	7.1	5.836	8.1	3.6	1.778	1.333	6.4	6.76	7.4	7.7
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/69-12/10/98	195	0.079	1.457	251.189	0.008	323.217	17.978	0.02	0.04	0.174	0.398
00403p	PH, LAB, STANDARD UNITS SU	02/15/68-12/10/98	99	7.2	7.155	8.	6.1	0.185	0.43	6.6	6.8	7.5	7.7
00403p	CONVERTED PH, LAB, STANDARD UNITS	02/15/68-12/10/98	99	7.2	6.936	8.	6.1	0.233	0.483	6.6	6.8	7.5	7.7
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/15/68-12/10/98	99	0.063	0.116	0.794	0.01	0.019	0.138	0.02	0.032	0.158	0.251
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	05/21/68-12/10/98	102	60.5	61.833	105.	16.	280.695	16.754	40.6	50.	72.	88.1
00480	SALINITY - PARTS PER THOUSAND	02/05/74-05/14/91	153	16.	15.968	27.8	3.7	21.085	4.592	9.84	12.45	19.3	22.16
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/15/68-12/10/98	96	37.	56.531	260.	2.	2657.536	51.551	6.7	18.25	85.25	133.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/07/74-12/10/98	33	0.09	0.081	0.17	0.015	0.002	0.04	0.015	0.055	0.105	0.132
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/07/74-12/10/98	31 ##	0.01	0.059	0.27	0.01	0.006	0.08	0.01	0.01	0.1	0.204
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/07/74-12/10/98	33	0.06	0.069	0.13	0.02	0.001	0.028	0.032	0.055	0.08	0.116
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	01/23/73-12/10/98	39	3.8	3.744	12.	1.	4.988	2.233	1.3	2.	5.	6.
00940p	CHLORIDE,TOTAL IN WATER MG/L	02/15/68-12/10/98	103	7450.	7845.165	17000.	2200.	9744821.002	3121.67	4200.	5600.	9700.	12820.
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-12/10/98	72	930.	7673.958	240000.	10.	908119089.393	30135.014	16.5	80.	4300.	9300.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-12/10/98	72	2.968	2.814	5.38	1.	1.154	1.074	1.214	1.903	3.633	3.968
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			651.314								
82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	09/21/76-05/14/91	143	10.	11.94	49.	3.	69.655	8.346	5.	6.	15.	21.2

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

Seasonal Analysis for Season #2: 11/15 to 3/31 - Station FOPU0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-12/10/98	199	3.	10.025	20.	0.	73.459	8.571	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/68-12/10/98	197	12.	12.283	20.5	6.1	9.313	3.052	8.5	10.	14.05	16.18
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/02/72-12/10/98	149	13.	12.887	26.	0.	33.768	5.811	5.	9.	17.	21.
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/15/68-12/10/98	42	14.5	27.	75.	4.	599.756	24.49	4.3	7.	44.	74.7
00080p	COLOR (PLATINUM-COBALT UNITS)	08/12/68-12/10/98	25	20.	25.4	120.	5.	589.417	24.278	8.	10.	27.5	54.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-12/10/98	161	16000.	16841.528	35300.	13.	56941587.413	7545.965	7360.	11950.	21550.	27400.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/68-12/10/98	57	19000.	20001.246	40290.	9320.	52541201.224	7248.531	12113.6	14335.	22900.	32730.4
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-12/10/98	200	8.2	7.976	13.7	1.5	2.605	1.614	6.	6.9	9.	9.9
00310p	BOD, 5 DAY, 20 DEG C MG/L	03/20/68-12/10/98	70	1.	1.033	2.7	0.3	0.194	0.44	0.5	0.7	1.3	1.6
00400p	PH (STANDARD UNITS)	09/30/69-12/10/98	155	6.9	6.955	8.22	5.86	0.302	0.55	6.2	6.6	7.2	7.832
00400p	CONVERTED PH (STANDARD UNITS)	09/30/69-12/10/98	155	6.9	6.663	8.22	5.86	0.388	0.623	6.2	6.6	7.2	7.832
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/69-12/10/98	155	0.126	0.218	1.38	0.006	0.069	0.263	0.015	0.063	0.251	0.631
00403p	PH, LAB, STANDARD UNITS SU	02/15/68-12/10/98	68	7.2	7.232	8.	6.	0.156	0.395	6.8	6.9	7.6	7.71
00403p	CONVERTED PH, LAB, STANDARD UNITS	02/15/68-12/10/98	68	7.2	7.03	8.	6.	0.197	0.444	6.8	6.9	7.6	7.71
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/15/68-12/10/98	68	0.063	0.093	1.	0.01	0.019	0.139	0.02	0.025	0.126	0.158
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	05/21/68-12/10/98	66	55.	56.97	125.	18.	469.63	21.671	32.5	42.75	66.25	85.9
00480	SALINITY - PARTS PER THOUSAND	02/05/74-05/14/91	123	12.5	13.042	26.	4.1	24.625	4.962	6.28	9.5	16.8	19.46
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/15/68-12/10/98	71	40.	62.437	427.	7.	4738.535	68.837	12.4	20.	79.	165.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/07/74-12/10/98	25	0.06	0.064	0.13	0.015	0.001	0.029	0.024	0.04	0.085	0.104
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/07/74-12/10/98	24 ##	0.01	0.07	0.56	0.01	0.015	0.122	0.01	0.01	0.087	0.195
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/07/74-12/10/98	25	0.07	0.086	0.28	0.03	0.003	0.053	0.04	0.055	0.1	0.15
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	01/23/73-12/10/98	31	4.	3.687	7.	1.	3.258	1.805	1.	2.	5.	6.76
00940p	CHLORIDE,TOTAL IN WATER MG/L	02/15/68-12/10/98	68	6150.	6313.574	13600.	1600.	6181037.681	2486.169	3695.	4525.5	7700.	10130.
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-12/10/98	49	220.	2682.551	24000.	10.	27012977.211	5197.401	10.	50.	3640.	9300.

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

Seasonal Analysis for Season #2: 11/15 to 3/31 - Station FOPU0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-12/10/98	49	2.342	2.528	4.38	1.	1.086	1.042	1.	1.699	3.561	3.968
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			336.922								
82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	09/21/76-05/14/91	123	12.	13.195	75.	4.	72.667	8.524	6.	8.	17.	22.

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

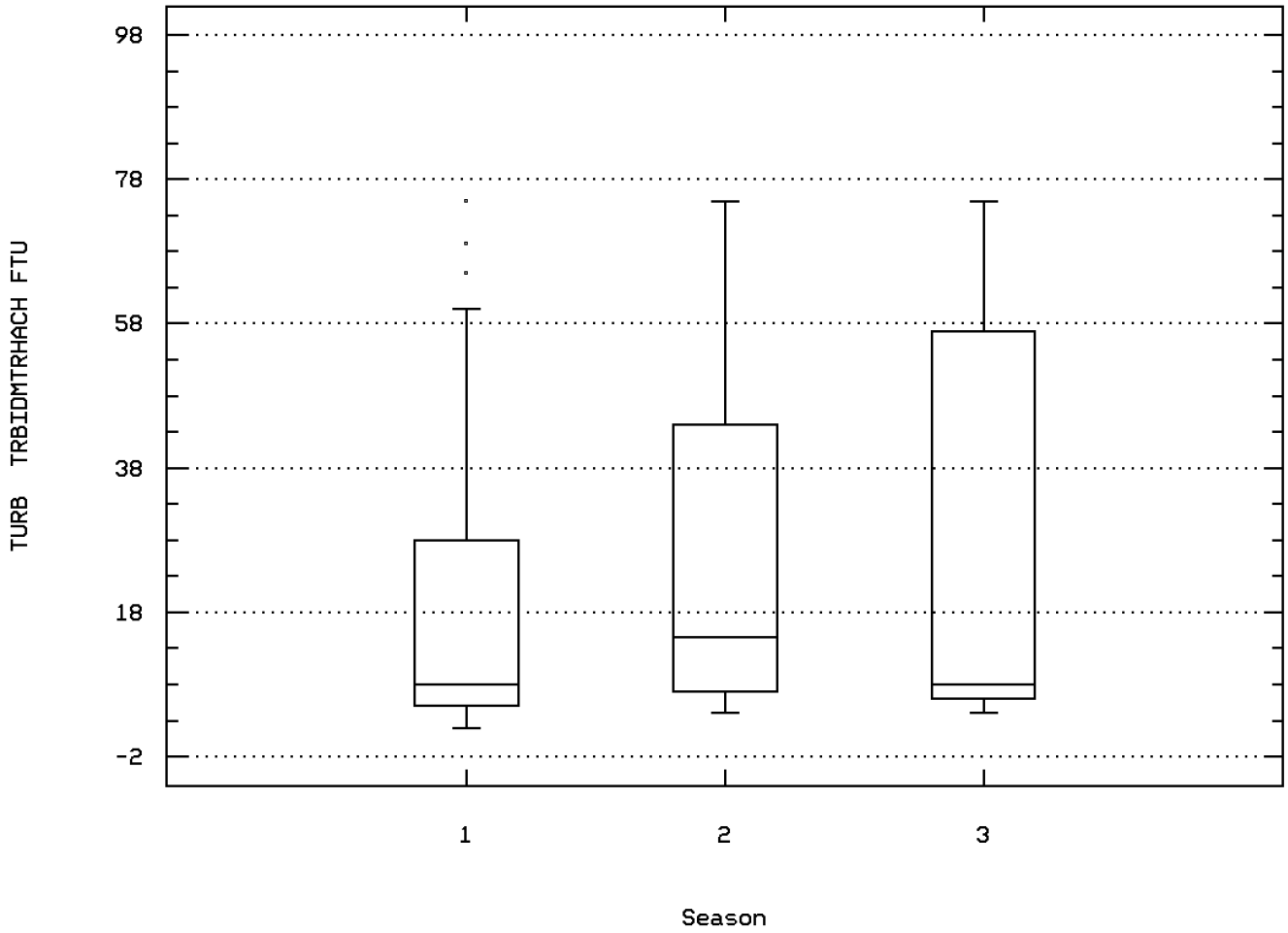
Seasonal Analysis for Season #3: 4/01 to 5/31 - Station FOPU0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-12/10/98	91	3.	10.154	20.	0.	73.887	8.596	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/68-12/10/98	93	20.	20.191	26.5	13.5	6.545	2.558	17.32	18.	22.	23.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/02/72-12/10/98	72	21.	21.14	31.	13.5	16.019	4.002	14.6	18.125	24.	25.7
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/15/68-12/10/98	15	8.	25.867	75.	4.	783.981	28.	4.6	6.	57.	72.
00080p	COLOR (PLATINUM-COBALT UNITS)	08/12/68-12/10/98	10	20.	22.	40.	5.	134.444	11.595	5.5	13.75	32.5	40.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-12/10/98	78	16500.	17022.115	32900.	582.	52063528.883	7215.506	8500.	11425.	21450.	27300.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/68-12/10/98	22	20506.5	20255.409	33500.	1284.	57087532.539	7555.629	12032.	14875.	24985.	31110.
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-12/10/98	92	6.15	6.055	9.3	2.5	1.627	1.276	4.29	5.3	6.9	7.5
00310p	BOD, 5 DAY, 20 DEG C MG/L	03/20/68-12/10/98	32	0.8	0.981	4.	0.2	0.496	0.705	0.43	0.525	1.225	1.74
00400p	PH (STANDARD UNITS)	09/30/69-12/10/98	72	7.	7.047	8.13	6.2	0.21	0.458	6.4	6.7	7.4	7.6
00400p	CONVERTED PH (STANDARD UNITS)	09/30/69-12/10/98	72	7.	6.831	8.13	6.2	0.257	0.507	6.4	6.7	7.4	7.6
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/69-12/10/98	72	0.1	0.148	0.631	0.007	0.023	0.152	0.025	0.04	0.2	0.398
00403p	PH, LAB, STANDARD UNITS SU	02/15/68-12/10/98	30	7.25	7.12	7.9	4.	0.568	0.754	6.08	6.9	7.6	7.7
00403p	CONVERTED PH, LAB, STANDARD UNITS	02/15/68-12/10/98	30	7.247	5.459	7.9	4.	3.421	1.85	6.08	6.9	7.6	7.7
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/15/68-12/10/98	30	0.057	3.474	100.	0.013	332.472	18.234	0.02	0.025	0.126	0.916
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	05/21/68-12/10/98	30	55.5	56.133	100.	30.	240.189	15.498	36.3	45.	68.25	74.9
00480	SALINITY - PARTS PER THOUSAND	02/05/74-05/14/91	60	10.3	11.355	22.8	3.2	21.114	4.595	6.5	7.8	14.1	17.69
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/15/68-12/10/98	32	29.	46.156	189.	7.	1722.717	41.506	10.	19.5	64.75	115.1
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/07/74-12/10/98	12	0.07	0.073	0.14	0.015	0.001	0.031	0.026	0.053	0.095	0.128
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/07/74-12/10/98	11 ##	0.01	0.082	0.21	0.01	0.007	0.084	0.01	0.01	0.16	0.204
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/07/74-12/10/98	12	0.065	0.089	0.31	0.04	0.005	0.073	0.043	0.05	0.1	0.25
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	01/23/73-12/10/98	14	4.5	3.8	7.	1.	3.034	1.742	1.5	2.	5.	6.
00940p	CHLORIDE,TOTAL IN WATER MG/L	02/15/68-12/10/98	29	6500.	6720.172	12000.	2050.	5354880.719	2314.062	4086.	5125.	8400.	9759.
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-12/10/98	23	1700.	3868.261	43000.	10.	79164360.474	8897.436	10.	80.	4300.	8520.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-12/10/98	23	3.23	2.755	4.633	1.	1.122	1.059	1.	1.903	3.633	3.928
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			569.178								
82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	09/21/76-05/14/91	56	13.	14.846	38.	3.	55.581	7.455	5.	10.	19.5	25.3

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

Station: FOPU0063 Parameter Code: 00076

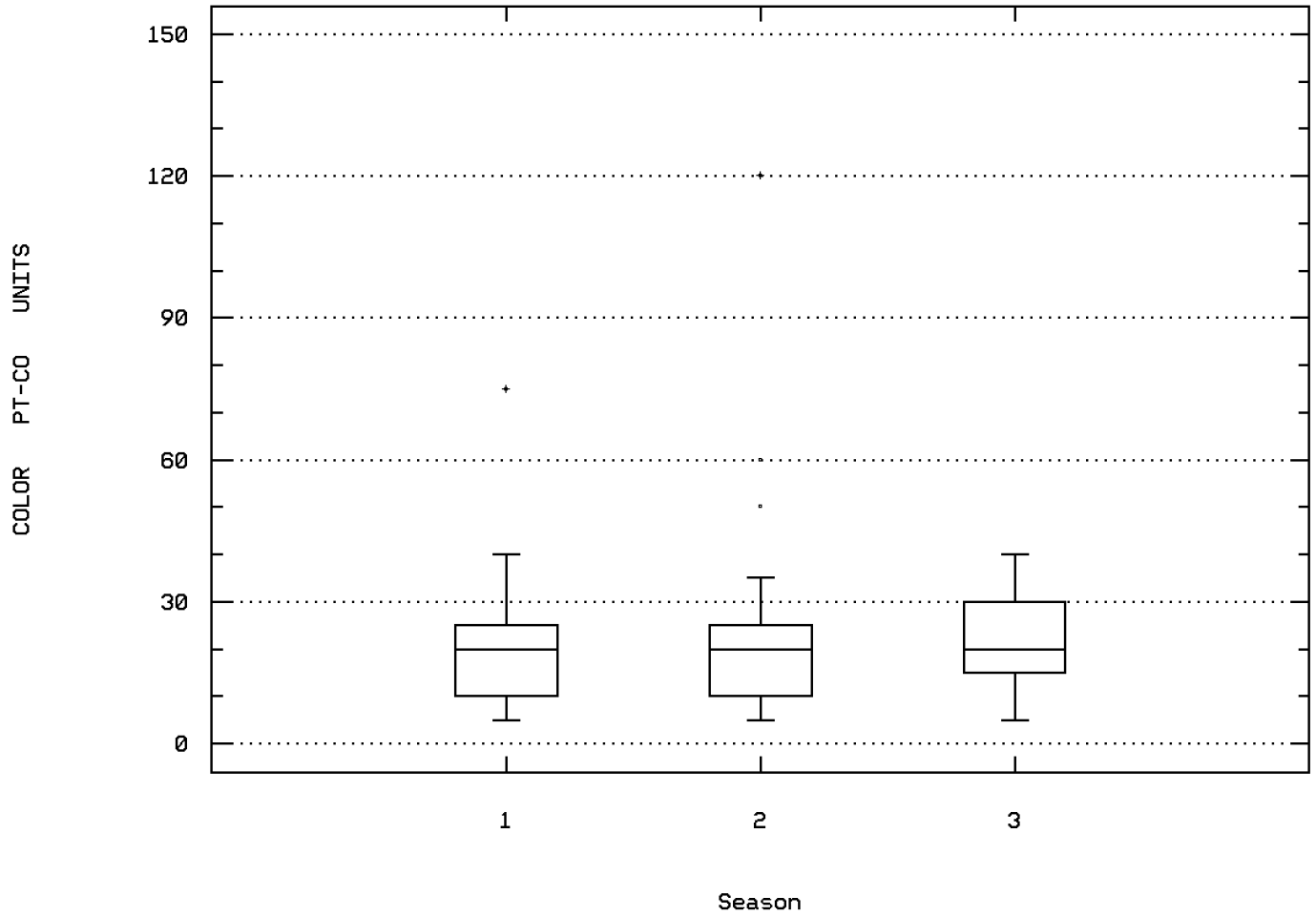
TURBIDITY,HACH TURBIDIMETER (FORMAZIN T



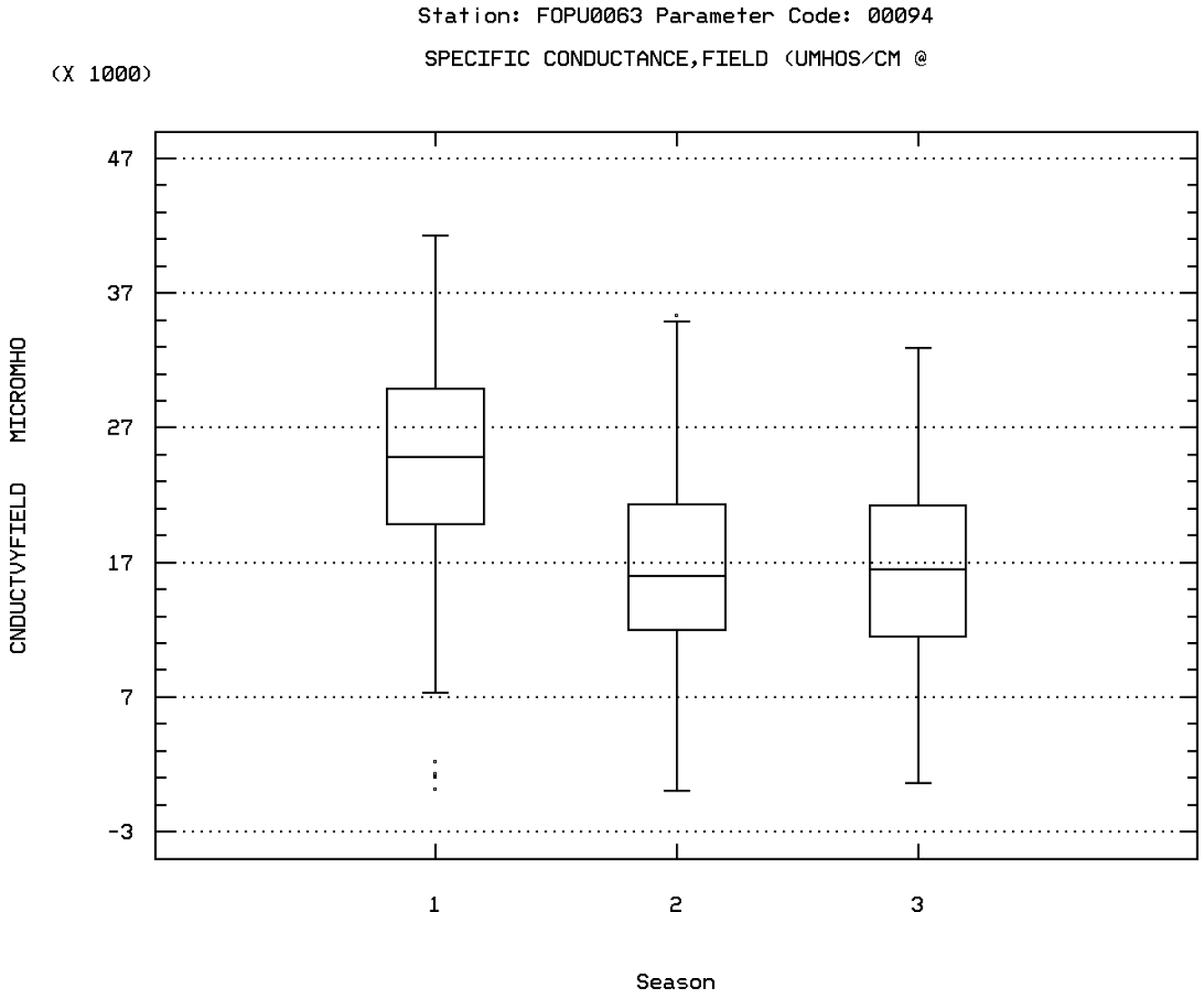
SAVANNAH R. - LOWER FLATS RANGE NEAR FI

Station: FOPU0063 Parameter Code: 00080

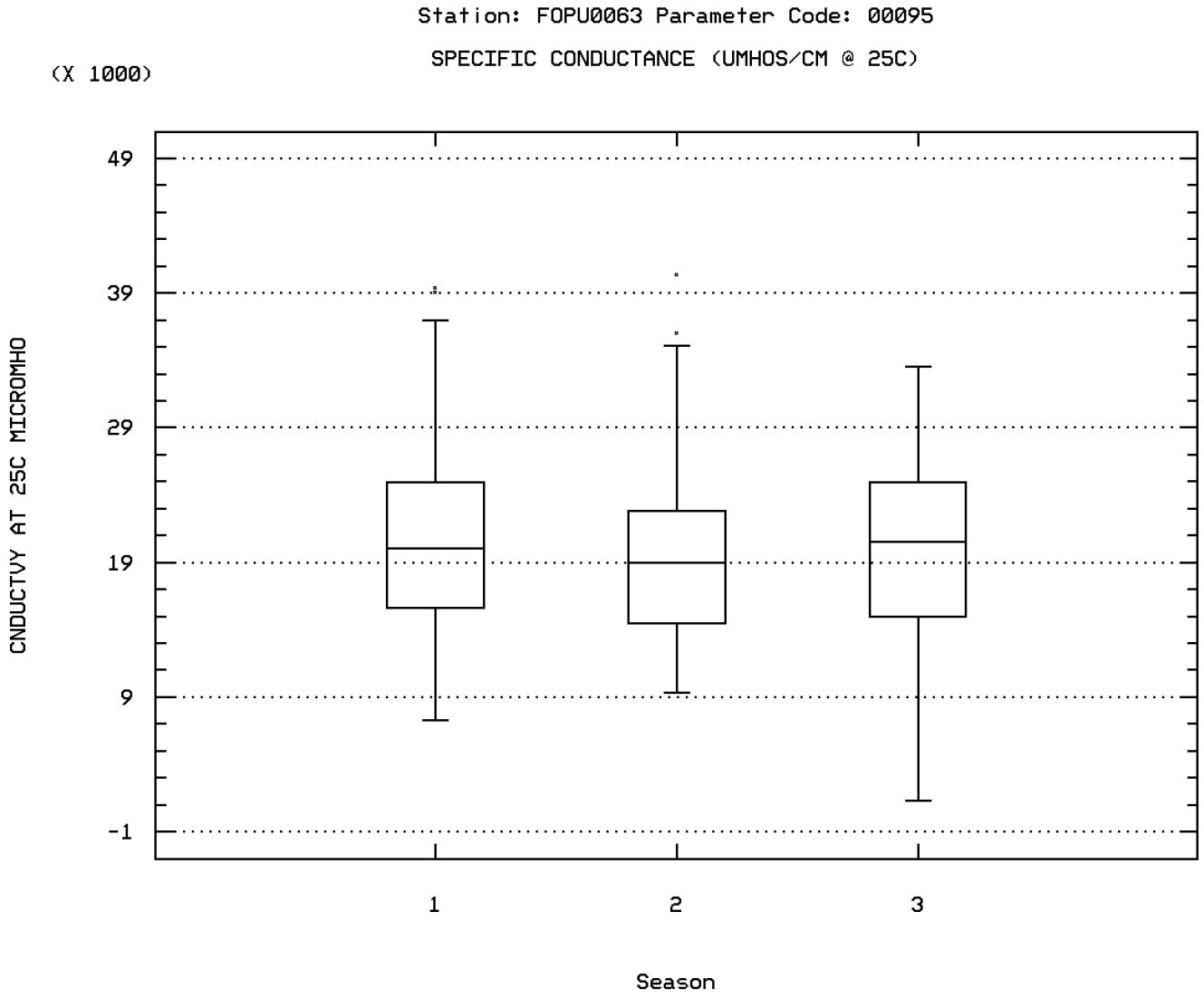
COLOR (PLATINUM-COBALT UNITS)



SAVANNAH R. - LOWER FLATS RANGE NEAR FI



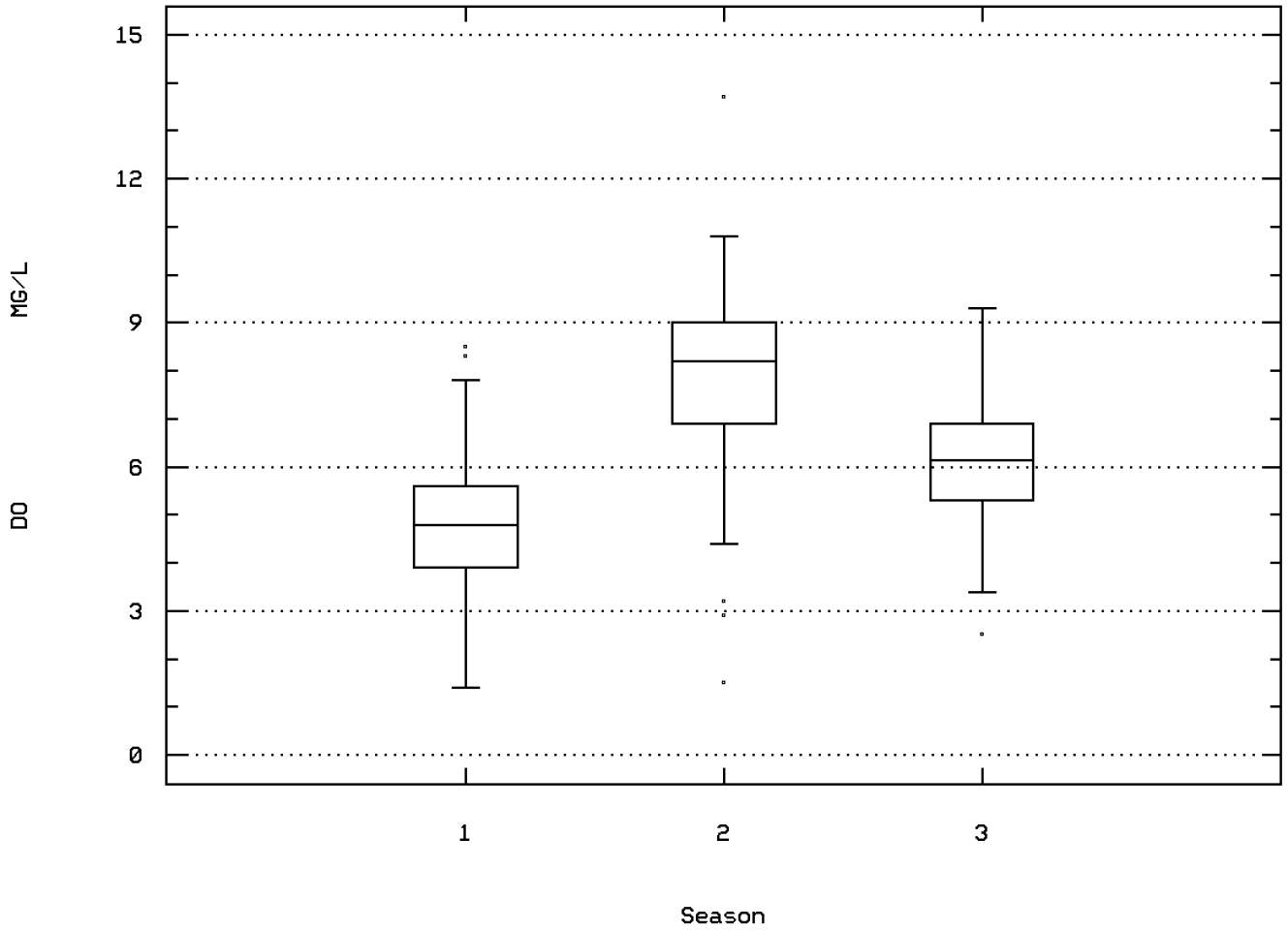
SAVANNAH R. - LOWER FLATS RANGE NEAR FI



SAVANNAH R. - LOWER FLATS RANGE NEAR FI

Station: FOPU0063 Parameter Code: 00300

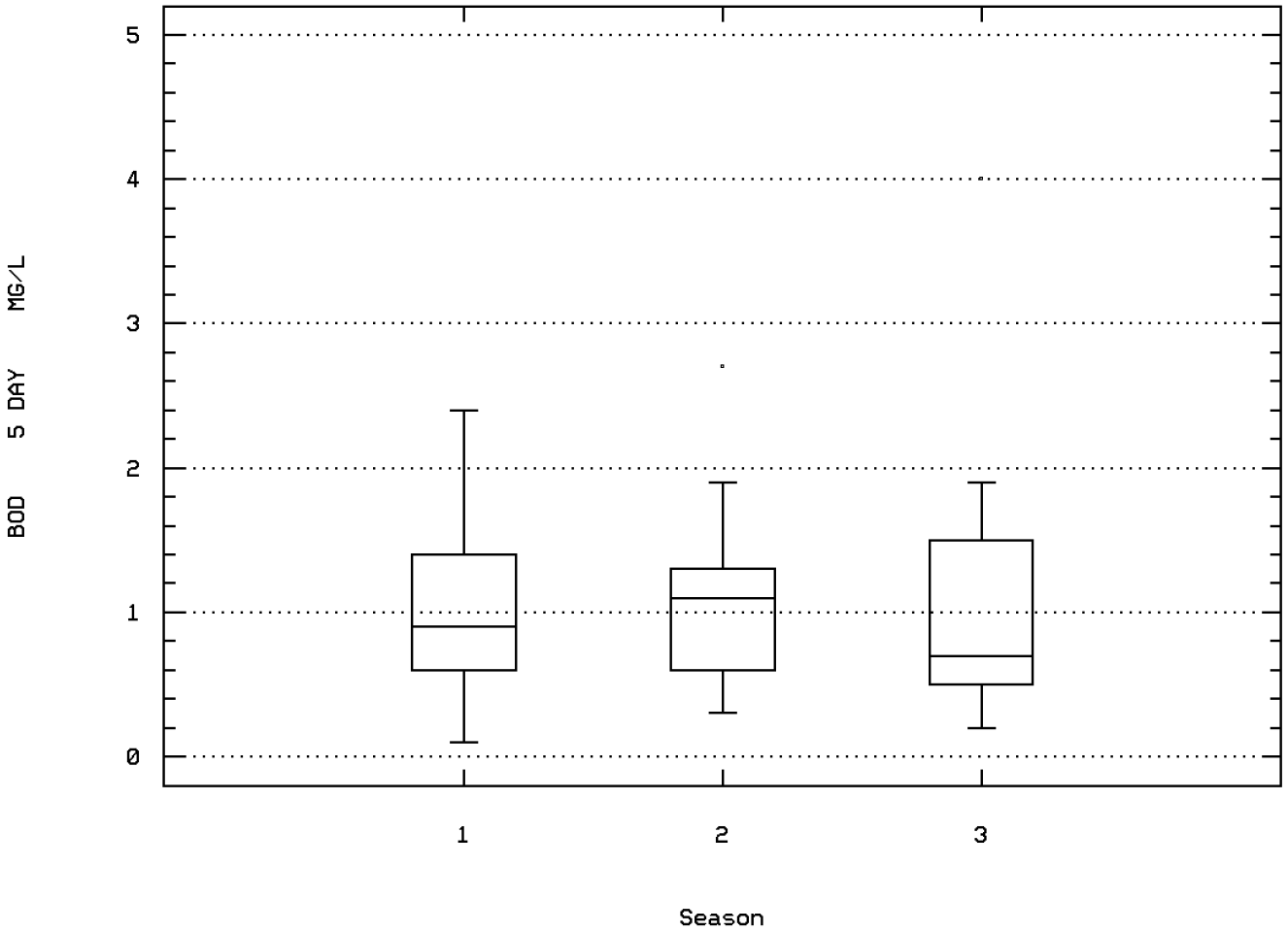
OXYGEN, DISSOLVED



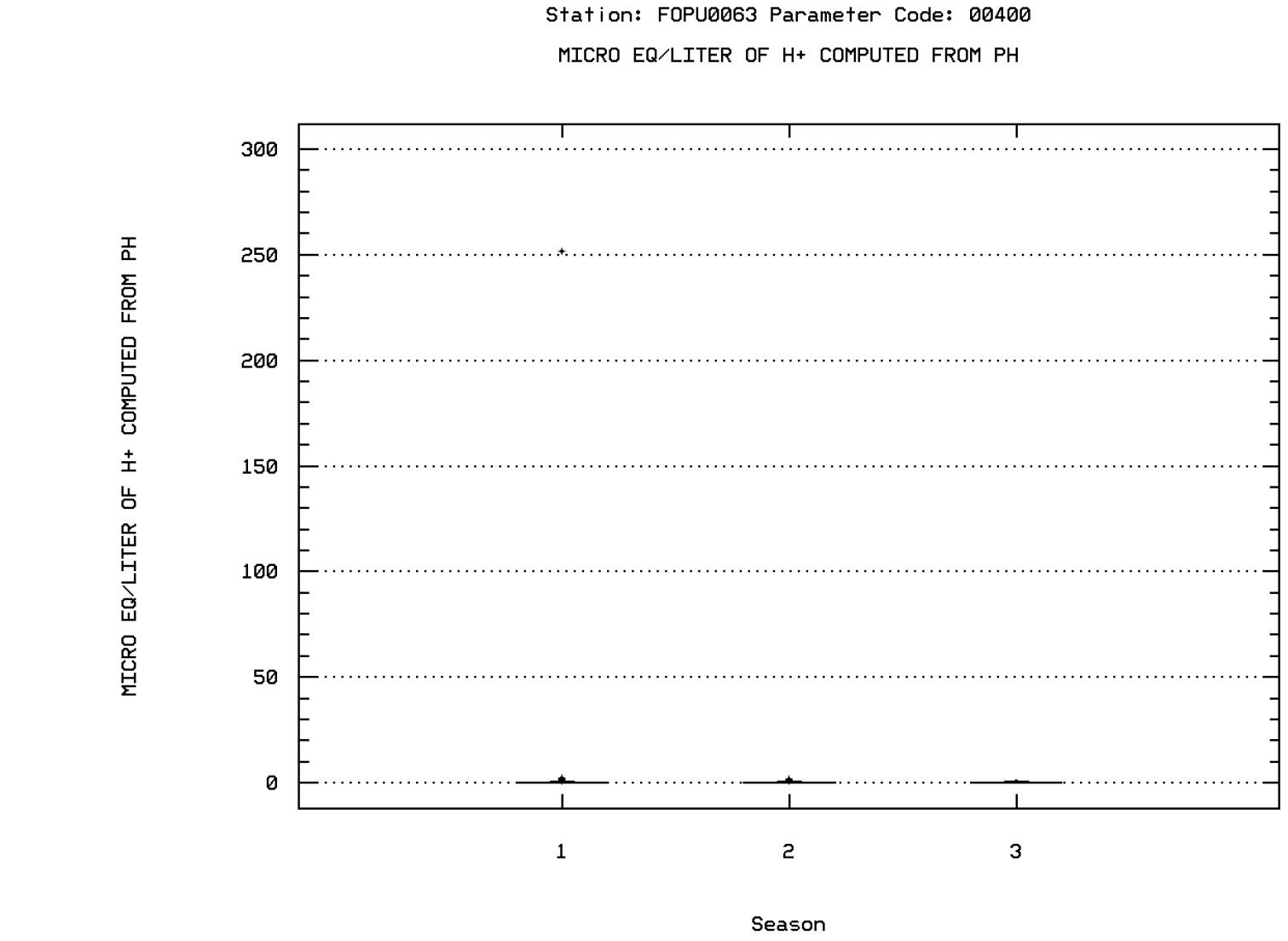
SAVANNAH R. - LOWER FLATS RANGE NEAR FI

Station: FOPU0063 Parameter Code: 00310

BOD, 5 DAY, 20 DEG C



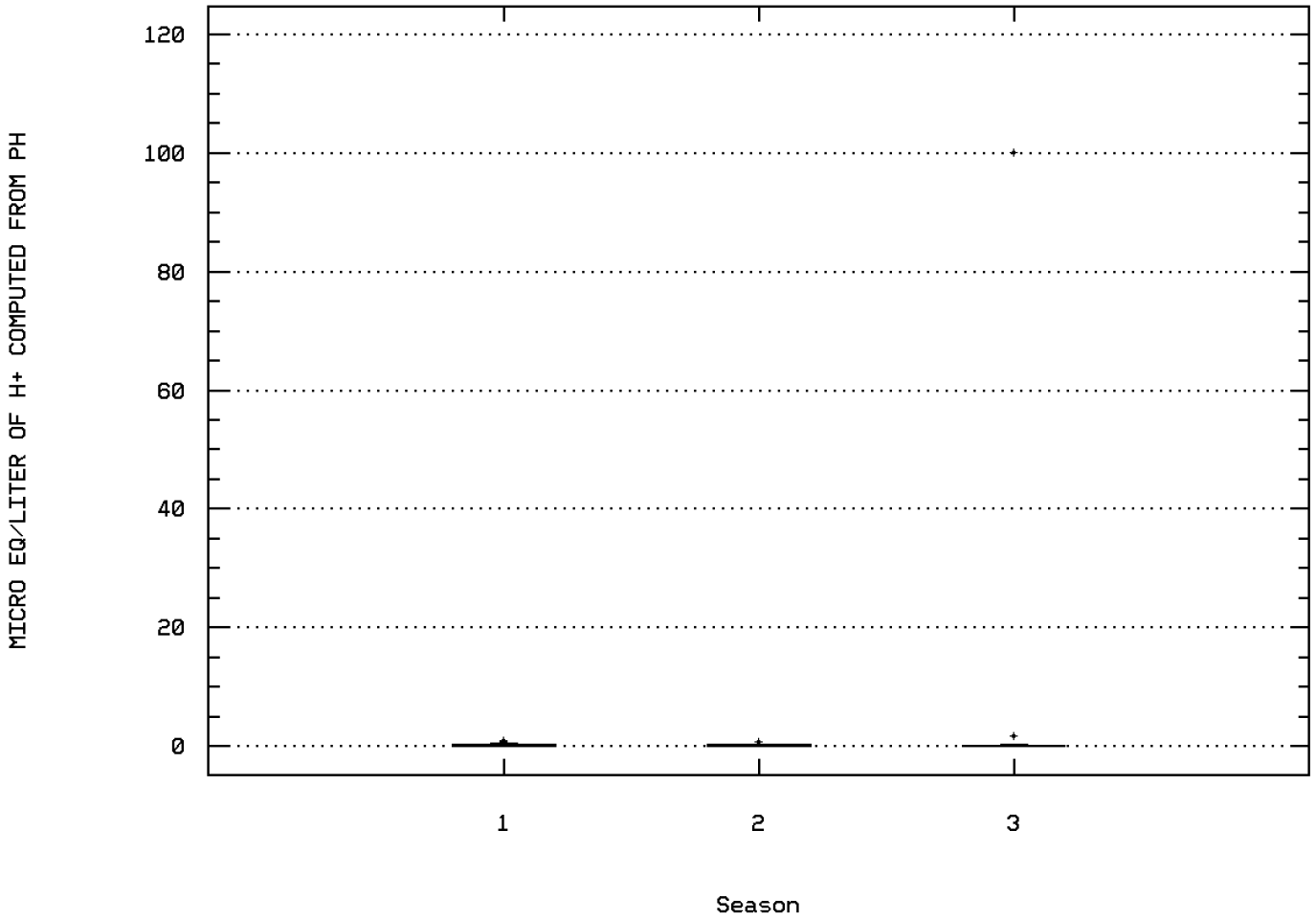
SAVANNAH R. - LOWER FLATS RANGE NEAR FI



SAVANNAH R. - LOWER FLATS RANGE NEAR FI

Station: FOPU0063 Parameter Code: 00403

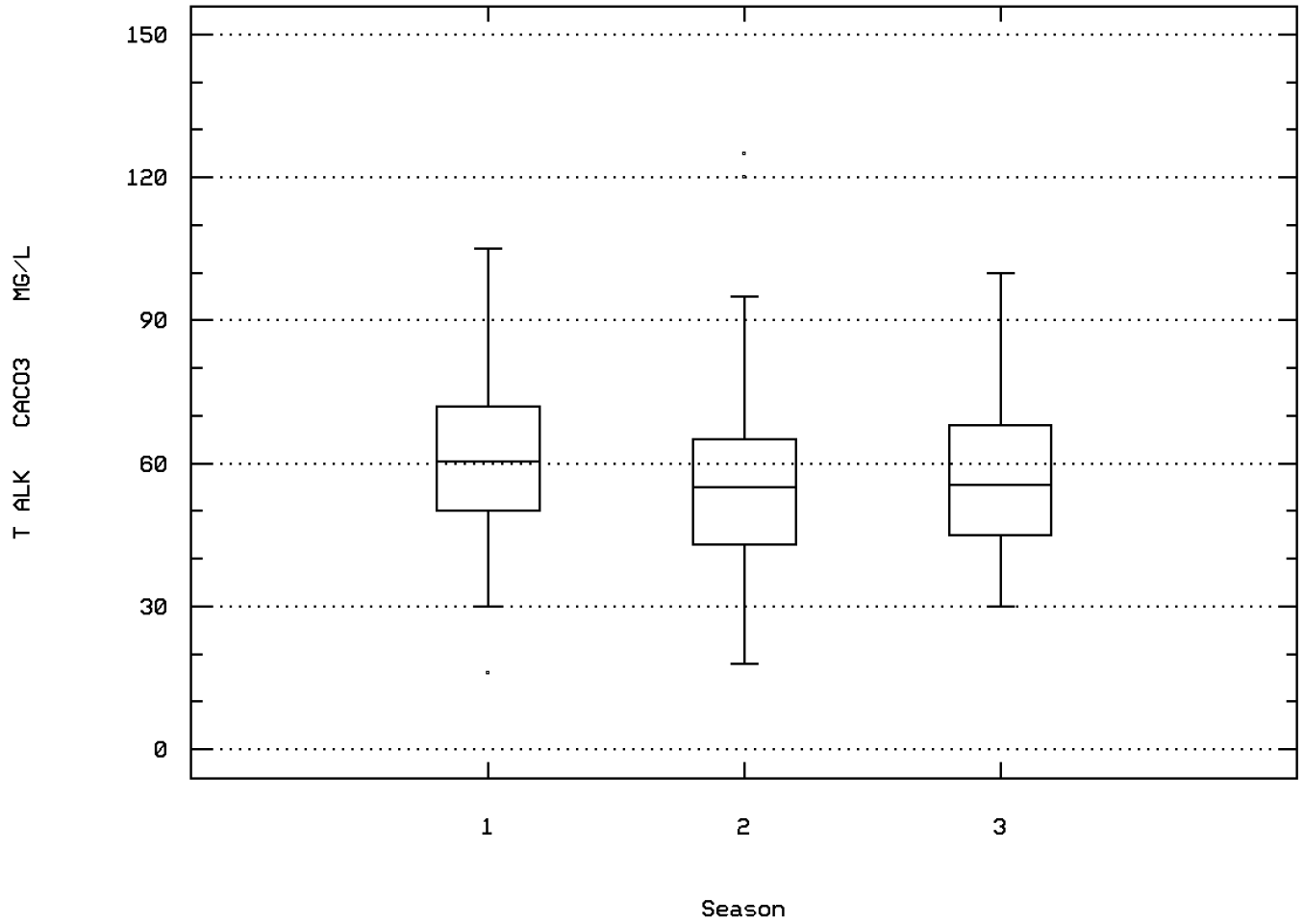
MICRO EQ/LITER OF H+ COMPUTED FROM PH



SAVANNAH R. - LOWER FLATS RANGE NEAR FI

Station: FOPU0063 Parameter Code: 00410

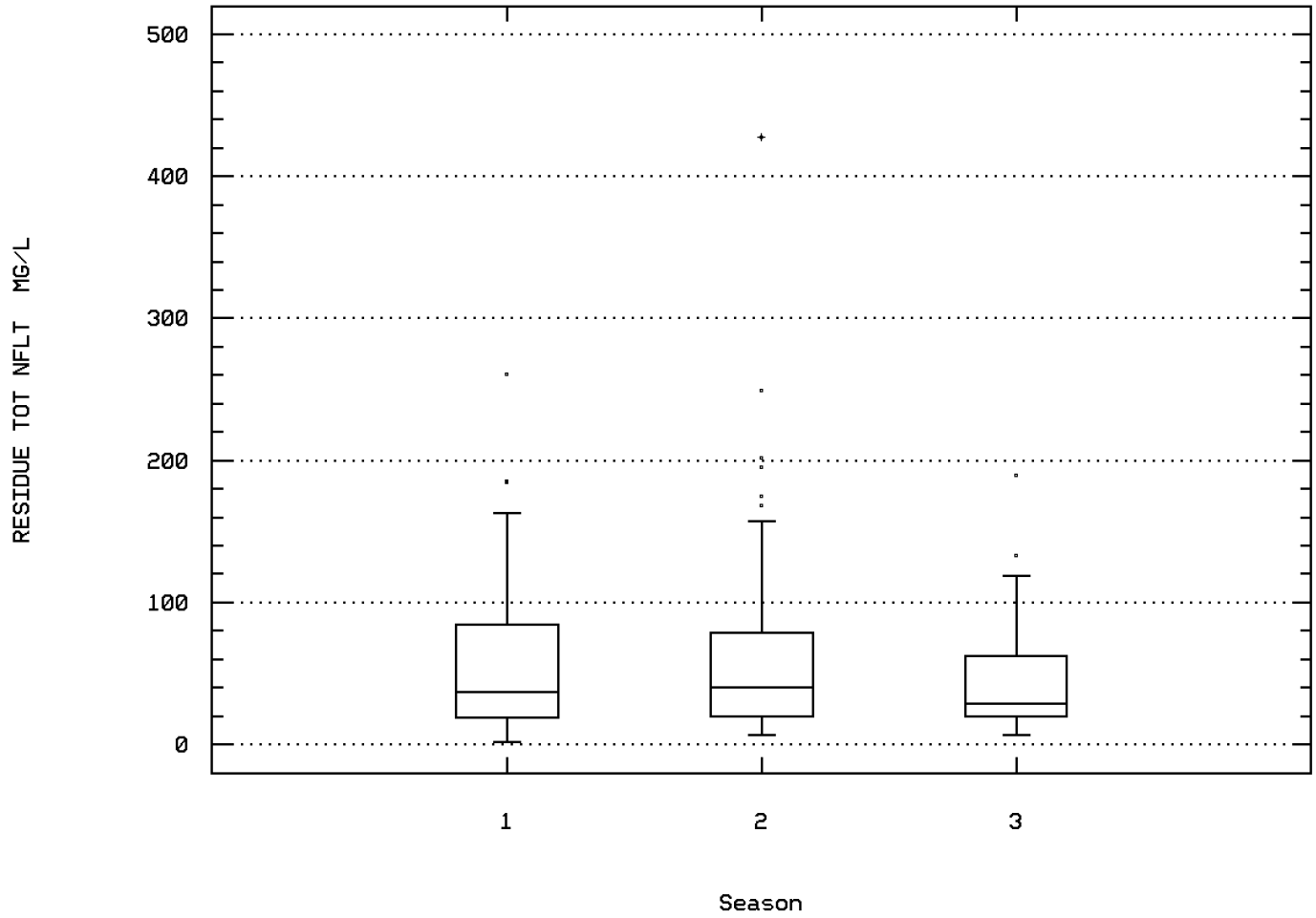
ALKALINITY, TOTAL (MG/L AS CACO3)



SAVANNAH R. - LOWER FLATS RANGE NEAR FI

Station: FOPU0063 Parameter Code: 00530

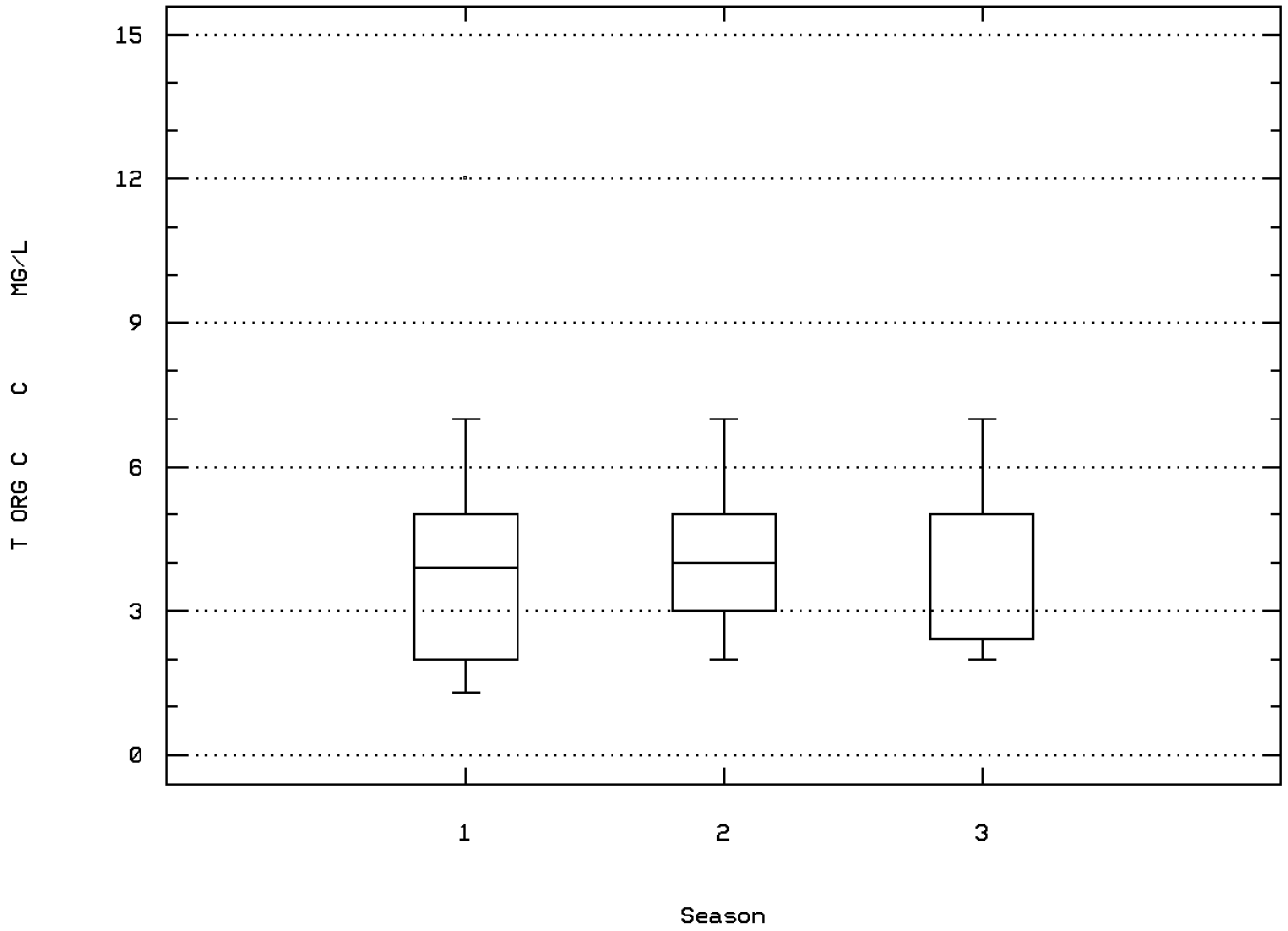
RESIDUE, TOTAL NONFILTRABLE (MG/L)



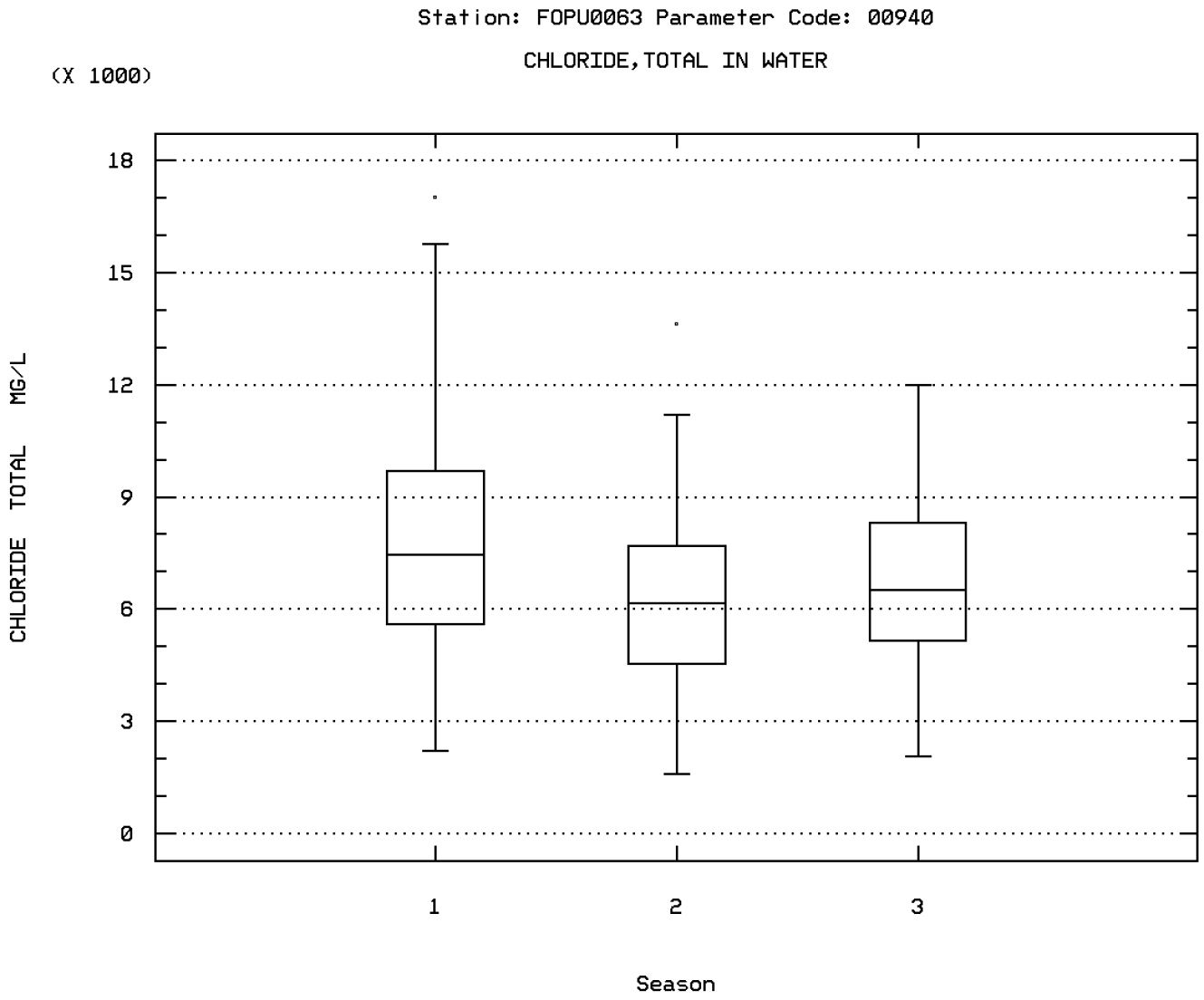
SAVANNAH R. - LOWER FLATS RANGE NEAR FI

Station: FOPU0063 Parameter Code: 00680

CARBON, TOTAL ORGANIC (MG/L AS C)



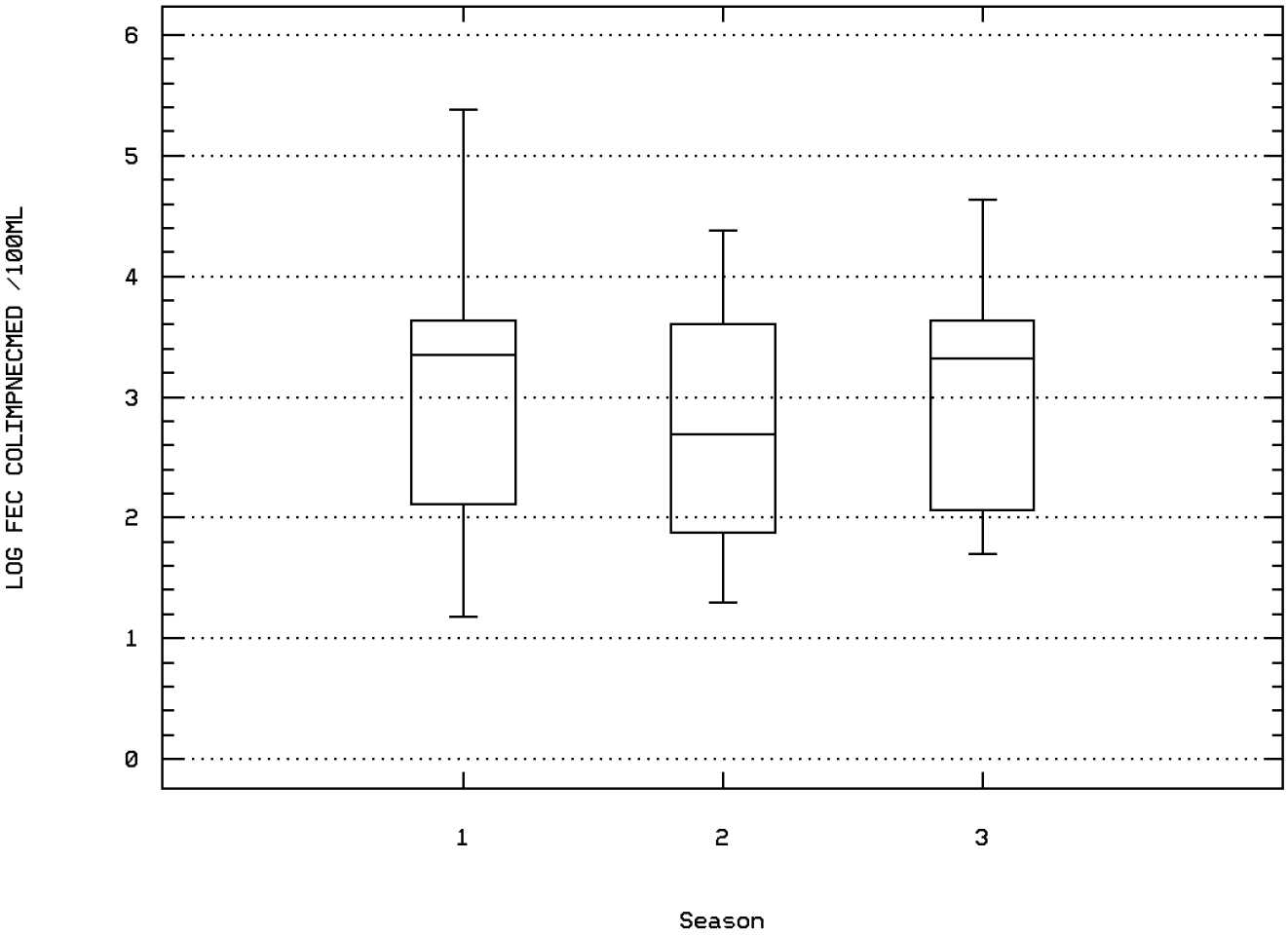
SAVANNAH R. - LOWER FLATS RANGE NEAR FI



SAVANNAH R. - LOWER FLATS RANGE NEAR FI

Station: FOPU0063 Parameter Code: 31615

LOG FECAL COLIFORM,MPN,EC MED,44.5C (TU



SAVANNAH R. - LOWER FLATS RANGE NEAR FI

Station Inventory for Station: FOPU0064

NPS Station ID: FOPU0064 LAT/LON: 32.072503/ -81.015004 Agency: 21GAEPD Date Created: / /
Location: HABERSHAM CR. - 150 FT UPSTREAM OF WILMINGTON R. FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 01024001
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03060204 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: SAVANNAH RIVER ECO Region:
RF1 Index: 03060204001 RF1 Mile Point: 10.570 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 03050208450900.00 RF3 Mile Point: 0.00 Distance from RF3: 0.10 On/Off RF3:
Description:

Parameter Inventory for Station: FOPU0064

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/72-06/04/74	27	20.	20.756	30.7	9.8	31.854	5.644	12.4	16.5	26.1	28.1
00065	STAGE, STREAM (FEET)	03/07/72-07/05/72	2	4.25	4.25	6.7	1.8	12.005	3.465	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-06/04/74	27	14000.	12888.148	26800.	2880.	43325446.439	6582.207	4170.	5500.	18500.	22280.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/07/72-07/05/72	2	11700.	11700.	15000.	8400.	21780000.	4666.905	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/23/73-12/04/73	12	0.5	0.767	4.6	0.1	1.484	1.218	0.13	0.3	0.5	3.43
00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/72-06/04/74	28	0.5	0.721	4.6	0.1	0.66	0.813	0.2	0.4	0.8	1.14
00400	PH (STANDARD UNITS)	01/15/74-06/04/74	5	6.5	6.5	6.7	6.2	0.035	0.187	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/15/74-06/04/74	5	6.5	6.465	6.7	6.2	0.037	0.191	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-06/04/74	5	0.316	0.343	0.631	0.2	0.028	0.168	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/04/72-06/04/74	28	6.5	6.593	7.6	6.	0.162	0.403	6.19	6.3	6.775	7.3
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/72-06/04/74	28	6.5	6.455	7.6	6.	0.182	0.426	6.19	6.3	6.775	7.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/72-06/04/74	28	0.316	0.351	1.	0.025	0.058	0.241	0.05	0.169	0.501	0.647
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/04/72-06/04/74	27	28.	30.148	61.	6.	231.208	15.206	10.8	17.	43.	51.4
00480	SALINITY - PARTS PER THOUSAND	03/12/74-06/04/74	4	8.85	7.65	9.7	3.2	8.963	2.994	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/04/72-06/04/74	26	37.	38.654	72.	14.	184.795	13.594	24.1	27.75	44.5	60.9
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/07/74-05/07/74	1	0.14	0.14	0.14	0.14	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/07/74-05/07/74	1	0.13	0.13	0.13	0.13	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/07/74-05/07/74	1	0.14	0.14	0.14	0.14	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/23/73-06/04/74	16	5.	5.938	13.	2.	8.063	2.839	2.7	4.25	7.5	10.9
00940	CHLORIDE,TOTAL IN WATER MG/L	01/04/72-06/04/74	28	4550.	4609.464	9800.	1150.	6663430.258	2581.362	1209.	2137.5	6975.	8330.
01045	IRON, TOTAL (UG/L AS FE)	01/04/72-06/04/74	26	2050.	2080.769	4600.	200.	1197615.385	1094.356	300.	1275.	2725.	3800.

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

EPA Water Quality Criteria Analysis for Station: FOPU0064

				Total	Exceed	Prop.	----------6/01-11/14----------			----------11/15-3/31----------			----------4/01-5/31----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	12	11	0.92	6	6	1.00	4	3	0.75	2	2	1.00			
00400	PH	Fresh Chronic	9.	5	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00			
		Other-Lo Lim.	6.5	5	3	0.60	1	0	0.00	2	1	0.50	2	2	1.00			
00403	PH, LAB	Fresh Chronic	9.	28	0	0.00	13	0	0.00	9	0	0.00	6	0	0.00			
		Other-Lo Lim.	6.5	28	15	0.54	13	6	0.46	9	7	0.78	6	2	0.33			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00							1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	28	28	1.00	13	13	1.00	9	9	1.00	6	6	1.00			
		Drinking Water	250.	28	28	1.00	13	13	1.00	9	9	1.00	6	6	1.00			

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

Station Inventory for Station: FOPU0065

NPS Station ID: FOPU0065
LAT/LON: 32.073616/ -81.014727
Agency: 1113S090
Date Created: / /
Location: WILMINGTON R ENT OF HABERSHAM CR
FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 133125 /WR-3125 /SW
RMI-Indexes: 0313010
Within Park Boundary: No
RMI-Miles: 0012.30
HUC: 03060204
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: SAVANNAH RIVER BASIN
ECO Region:
RF1 Index: 03060204001
RF1 Mile Point: 10.420
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 03060204229409.33
RF3 Mile Point: 9.87
Distance from RF3: 0.02
On/Off RF3:
Description:
WILMINGTON RIVER AT ENTRANCE OF HABERSHAM CREEK

Parameter Inventory for Station: FOPU0065

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

***** Data for this station locked by controlling agency *****

Station Inventory for Station: FOPU0066

NPS Station ID: FOPU0066
LAT/LON: 32.073892/ -81.015004
Agency: 1113S090
Date Created: / /
Location: HABERSHAM CR 150 FT FROM MOUTH
FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM
STORET Station ID(s): 133130 /WR-3130 /SH HC
RMI-Indexes: 0313010 001250
Within Park Boundary: No
RMI-Miles: 0012.30 0000.10
HUC: 03060204
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: SAVANNAH RIVER BASIN
ECO Region:
RF1 Index: 03060204001
RF1 Mile Point: 10.420
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 030602040000108.94
RF3 Mile Point: 15.22
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: FOPU0066

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

***** Data for this station locked by controlling agency *****

Station Inventory for Station: FOPU0067

NPS Station ID: FOPU0067 LAT/LON: 32.074170/ -81.015281 Agency: 21GAEPD Date Created: / /
Location: WILMINGTON RIVER - MOUTH OF HABERSHAM CR. FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 01024101
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03060204 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: SAVANNAH RIVER ECO Region:
RF1 Index: 03060204001 RF1 Mile Point: 10.420 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 03060204229403.20 RF3 Mile Point: 4.13 Distance from RF3: 0.03 On/Off RF3:
Description:

Parameter Inventory for Station: FOPU0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/11/70-06/04/74	34	15.	10.794	20.	3.	46.653	6.83	3.	3.	15.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/70-06/04/74	63	20.	20.397	30.5	10.3	33.476	5.786	12.4	16.	26.	28.3
00065	STAGE, STREAM (FEET)	01/04/72-11/06/73	14	6.05	5.671	8.8	0.9	3.75	1.936	2.15	4.825	6.775	8.1
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/04/72-01/04/72	1	40.	40.	40.	40.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/02/72-06/04/74	35	14900.	14515.571	29300.	345.	52465457.017	7243.304	4660.	6800.	20000.	23020.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/11/70-12/15/71	28	16900.	17339.286	26000.	9400.	15128399.471	3889.524	11450.	15000.	19875.	23000.
00300	OXYGEN, DISSOLVED MG/L	10/11/70-06/04/74	59	5.8	5.431	9.8	2.5	2.931	1.712	3.1	3.8	6.8	7.6
00310	BOD, 5 DAY, 20 DEG C MG/L	10/11/70-06/04/74	64	0.6	0.566	1.1	0.05	0.064	0.254	0.3	0.3	0.775	0.9
00400	PH (STANDARD UNITS)	01/15/74-06/04/74	12	6.55	6.567	7.1	6.3	0.059	0.242	6.3	6.4	6.675	7.04
00400	CONVERTED PH (STANDARD UNITS)	01/15/74-06/04/74	12	6.547	6.514	7.1	6.3	0.062	0.249	6.3	6.4	6.675	7.04
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-06/04/74	12	0.284	0.306	0.501	0.079	0.019	0.137	0.093	0.212	0.398	0.501
00403	PH, LAB, STANDARD UNITS SU	10/11/70-06/04/74	64	6.6	6.68	7.7	6.	0.158	0.398	6.2	6.325	7.	7.3
00403	CONVERTED PH, LAB, STANDARD UNITS	10/11/70-06/04/74	64	6.6	6.528	7.7	6.	0.181	0.426	6.2	6.325	7.	7.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/70-06/04/74	64	0.251	0.296	1.	0.02	0.052	0.229	0.05	0.1	0.475	0.631
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/70-06/04/74	61	37.	35.541	84.	8.	227.519	15.084	18.	23.5	44.	54.8
00480	SALINITY - PARTS PER THOUSAND	02/05/74-06/04/74	10	9.8	9.55	16.	3.	21.734	4.662	3.03	4.2	14.	15.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/70-06/04/74	55	36.	37.618	92.	7.	261.537	16.172	17.2	27.	46.	56.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/07/74-05/07/74	2	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/07/74-05/07/74	2	0.135	0.135	0.15	0.12	0.	0.021	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/07/74-05/07/74	2	0.175	0.175	0.3	0.05	0.031	0.177	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/23/73-06/04/74	20	5.	5.6	9.	4.	2.779	1.667	4.	4.	7.	8.
00940	CHLORIDE,TOTAL IN WATER MG/L	10/11/70-06/04/74	62	6000.	5938.919	10700.	98.	6285265.846	2507.043	1900.	4500.	7775.	9490.
01045	IRON, TOTAL (UG/L AS FE)	01/04/72-06/04/74	32	1750.	1960.938	5900.	400.	1520441.028	1233.062	765.	1300.	2350.	3570.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/10/70-06/04/74	37	2300.	3911.622	15000.	430.	10917580.631	3304.176	930.	1500.	4300.	9300.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/10/70-06/04/74	37	3.362	3.45	4.176	2.633	0.135	0.367	2.968	3.176	3.633	3.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2817.127								

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

EPA Water Quality Criteria Analysis for Station: FOPU0067

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-11/14 Obs	6/01-11/14 Exceed	6/01-11/14 Prop.	11/15-3/31 Obs	11/15-3/31 Exceed	11/15-3/31 Prop.	4/01-5/31 Obs	4/01-5/31 Exceed	4/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1	0	0.00				1	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	59	16	0.27	26	16	0.62	21	0	0.00	12	0	0.00			

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

EPA Water Quality Criteria Analysis for Station: FOPU0067

Parameter				Total	Exceed	Prop.	6/01-11/14			11/15-3/31			4/01-5/31			n/a		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	12	0	0.00	2	0	0.00	6	0	0.00	4	0	0.00			
		Other-Lo Lim.	6.5	12	6	0.50	2	0	0.00	6	5	0.83	4	1	0.25			
00403	PH, LAB	Fresh Chronic	9.	64	0	0.00	28	0	0.00	24	0	0.00	12	0	0.00			
		Other-Lo Lim.	6.5	64	25	0.39	28	11	0.39	24	10	0.42	12	4	0.33			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00							2	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	62	61	0.98	26	25	0.96	24	24	1.00	12	12	1.00			
		Drinking Water	250.	62	61	0.98	26	25	0.96	24	24	1.00	12	12	1.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	37	37	1.00	17	17	1.00	13	13	1.00	7	7	1.00			

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

Annual Analysis for 1970 - Station FOPU0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/70-06/04/74	4	15.7	15.825	18.1	13.8	5.509	2.347	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/11/70-06/04/74	4	5.6	5.4	6.	4.4	0.507	0.712	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	10/11/70-06/04/74	4	0.8	0.8	1.1	0.5	0.087	0.294	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/11/70-06/04/74	4	6.7	6.725	6.9	6.6	0.016	0.126	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/11/70-06/04/74	4	6.7	6.712	6.9	6.6	0.016	0.127	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/70-06/04/74	4	0.2	0.194	0.251	0.126	0.003	0.052	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/70-06/04/74	4	42.	42.75	53.	34.	60.917	7.805	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/70-06/04/74	4	59.	58.75	71.	46.	136.917	11.701	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/11/70-06/04/74	4	5800.	6400.	8400.	5600.	1813333.333	1346.601	**	**	**	**

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

Annual Analysis for 1971 - Station FOPU0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/70-06/04/74	24	22.	21.083	28.5	10.3	45.602	6.753	11.05	13.75	27.375	28.5
00300	OXYGEN, DISSOLVED MG/L	10/11/70-06/04/74	22	5.3	5.095	8.4	2.5	3.653	1.911	2.56	3.35	6.85	7.91
00310	BOD, 5 DAY, 20 DEG C MG/L	10/11/70-06/04/74	24	0.65	0.619	1.1	0.05	0.06	0.244	0.25	0.5	0.8	0.9
00403	PH, LAB, STANDARD UNITS SU	10/11/70-06/04/74	24	6.6	6.667	7.3	6.1	0.123	0.351	6.2	6.325	7.	7.2
00403	CONVERTED PH, LAB, STANDARD UNITS	10/11/70-06/04/74	24	6.6	6.543	7.3	6.1	0.139	0.373	6.2	6.325	7.	7.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/70-06/04/74	24	0.251	0.286	0.794	0.05	0.044	0.209	0.063	0.1	0.475	0.631
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/70-06/04/74	22	37.	38.455	63.	21.	134.165	11.583	22.	29.25	46.5	56.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/70-06/04/74	18	42.	41.889	71.	11.	157.163	12.536	23.6	38.25	49.	56.6
00940	CHLORIDE,TOTAL IN WATER MG/L	10/11/70-06/04/74	22	6150.	6615.909	10700.	4300.	3159377.706	1777.464	4500.	5375.	8000.	9700.

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

Annual Analysis for 1972 - Station FOPU0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/70-06/04/74	12	20.55	20.442	30.5	13.	32.648	5.714	13.27	14.95	25.375	29.45
00300	OXYGEN, DISSOLVED MG/L	10/11/70-06/04/74	11	5.8	5.182	7.2	3.	2.306	1.518	3.1	3.6	6.6	7.12
00310	BOD, 5 DAY, 20 DEG C MG/L	10/11/70-06/04/74	12	0.55	0.575	1.	0.3	0.051	0.226	0.3	0.4	0.75	0.97
00403	PH, LAB, STANDARD UNITS SU	10/11/70-06/04/74	12	6.55	6.508	6.8	6.2	0.041	0.202	6.23	6.3	6.7	6.77
00403	CONVERTED PH, LAB, STANDARD UNITS	10/11/70-06/04/74	12	6.547	6.466	6.8	6.2	0.043	0.207	6.23	6.3	6.7	6.77
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/70-06/04/74	12	0.284	0.342	0.631	0.158	0.025	0.158	0.171	0.2	0.501	0.592
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/70-06/04/74	11	31.	34.091	55.	11.	160.091	12.653	13.8	25.	43.	53.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/70-06/04/74	11	33.	34.182	54.	23.	95.764	9.786	23.2	24.	42.	52.
00940	CHLORIDE,TOTAL IN WATER MG/L	10/11/70-06/04/74	12	5600.	5612.333	9750.	98.	7368425.333	2714.484	638.6	4462.5	7750.	9180.

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

Annual Analysis for 1973 - Station FOPU0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/70-06/04/74	11	19.5	21.545	28.5	12.	33.923	5.824	12.7	17.5	28.	28.4
00300	OXYGEN, DISSOLVED MG/L	10/11/70-06/04/74	12	6.15	5.842	9.8	3.1	4.297	2.073	3.19	3.925	7.325	9.32
00310	BOD, 5 DAY, 20 DEG C MG/L	10/11/70-06/04/74	12	0.3	0.329	0.6	0.05	0.025	0.157	0.095	0.225	0.4	0.6
00403	PH, LAB, STANDARD UNITS SU	10/11/70-06/04/74	12	6.35	6.433	7.4	6.	0.177	0.421	6.03	6.125	6.55	7.31
00403	CONVERTED PH, LAB, STANDARD UNITS	10/11/70-06/04/74	12	6.347	6.307	7.4	6.	0.194	0.441	6.03	6.125	6.55	7.31
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/70-06/04/74	12	0.45	0.493	1.	0.04	0.085	0.292	0.052	0.288	0.753	0.938
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/70-06/04/74	12	19.	27.583	84.	8.	503.356	22.436	8.6	12.25	39.	75.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/70-06/04/74	12	31.	34.417	58.	23.	121.72	11.033	23.6	27.5	35.75	57.1

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

Annual Analysis for 1973 - Station FOPU0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00940	CHLORIDE,TOTAL IN WATER MG/L	10/11/70-06/04/74	12	3300.	4720.	10200.	1420.	11525909.091	3394.983	1444.	1750.	8127.5	10050.

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

Annual Analysis for 1974 - Station FOPU0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/70-06/04/74	12	19.15	19.45	25.8	13.5	17.415	4.173	13.65	16.025	23.15	25.68
00300	OXYGEN, DISSOLVED MG/L	10/11/70-06/04/74	10	6.25	5.96	7.6	4.1	1.494	1.222	4.14	4.8	7.025	7.55
00310	BOD, 5 DAY, 20 DEG C MG/L	10/11/70-06/04/74	12	0.7	0.608	0.9	0.3	0.055	0.235	0.3	0.325	0.8	0.9
00403	PH, LAB, STANDARD UNITS SU	10/11/70-06/04/74	12	7.15	7.108	7.7	6.4	0.126	0.355	6.49	6.85	7.375	7.61
00403	CONVERTED PH, LAB, STANDARD UNITS	10/11/70-06/04/74	12	7.147	6.966	7.7	6.4	0.148	0.385	6.49	6.85	7.375	7.61
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/70-06/04/74	12	0.071	0.108	0.398	0.02	0.011	0.105	0.026	0.042	0.144	0.339
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/70-06/04/74	12	35.5	37.083	62.	19.	209.72	14.482	19.6	23.5	49.	60.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/11/70-06/04/74	10	20.	29.1	92.	7.	627.878	25.057	7.5	15.	34.75	87.7
00940	CHLORIDE,TOTAL IN WATER MG/L	10/11/70-06/04/74	12	6050.	6089.583	9900.	1800.	6678347.538	2584.25	1837.5	4325.	8462.5	9600.

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

Station Inventory for Station: FOPU0068

NPS Station ID: FOPU0068 LAT/LON: 32.074476/ -81.002393 Agency: 11NPSWRD Date Created: 10/10/98
Location: SAVANNAH RIVER AT NW SIDE MCQUEENS ISLAND FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): FOPU_SKIDAWAY_2
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03060109 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: SAVANNAH RIVER ECO Region:
RF1 Index: 03060109 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03060109002008.47 RF3 Mile Point: 8.65 Distance from RF3: 0.58 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE SAVANNAH GA-SC 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS OUTSIDE THE BOUNDARY OF FORT PULASKI NATIONAL MONUMENT AND IS LOCATED AT THE NORTHWEST SIDE OF MCQUEENS ISLAND. CORE SEDIMENT SAMPLES WERE ANALYZED TO DETERMINE THE ACCRUAL OF METALS; PESTICIDES; POLYCYCLIC AROMATIC HYDROCARBONS; AND PCB'S SINCE 1900. DATA ARE FROM "POLLUTION HISTORY OF THE SAVANNAH ESTUARY;" SEPTEMBER 1994; BY THE SKIDAWAY INSTITUTE OF OCEANOGRAPHY. FOR PARK INFORMATION CONTACT FORT PULASKI NATIONAL MONUMENT; P.O. BOX 30757; SAVANNAH GA 31410-0757. (TEL. 912-786-5787). THE DATA WERE PROCESSED AND UPLOADED TO STORET BY ERIC JANNEY OF THE NATIONAL PARK SERVICE WATER RESOURCE DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525-5596. (TEL. 970-225-3516).

Parameter Inventory for Station: FOPU0068

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	04/17/93-04/17/93	58	1800.	1855.172	3200.	1000.	239358.742	489.243	1300.	1500.	2025.	2800.
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	04/17/93-04/17/93	58	807.5	815.466	1514.	323.	40644.604	201.605	543.6	718.5	885.5	1079.4
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/17/93-04/17/93	58	16.15	16.357	23.7	8.4	15.879	3.985	10.97	14.025	19.525	21.93
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/17/93-04/17/93	58	0.24	0.237	0.38	0.12	0.003	0.054	0.17	0.2	0.26	0.311
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/17/93-04/17/93	58	83.95	81.707	101.6	47.5	159.926	12.646	62.57	73.175	92.2	97.81
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/17/93-04/17/93	58	28.8	29.49	48.1	16.3	60.876	7.802	19.19	22.875	35.05	39.31
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/17/93-04/17/93	58	34.95	35.057	48.7	21.2	56.166	7.494	25.66	28.675	42.05	44.75
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	04/17/93-04/17/93	58	619.5	692.862	1114.	425.	35948.788	189.602	515.4	548.	781.5	1068.1
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/17/93-04/17/93	58	25.6	27.086	37.8	16.2	34.531	5.876	20.36	22.325	33.025	35.92
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	04/17/93-04/17/93	58	0.19	0.195	0.3	0.12	0.002	0.044	0.139	0.17	0.223	0.251
01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	04/17/93-04/17/93	58	0.585	0.592	1.04	0.36	0.02	0.142	0.43	0.48	0.665	0.78
01103	TIN IN BOTTOM DEPOSITS (MG/KG AS SN DRY WGT)	04/17/93-04/17/93	58	3.995	3.857	5.91	2.1	0.889	0.943	2.5	3.075	4.5	5.283
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	04/17/93-04/17/93	58	86550.	91017.241	138500.	45000.	650120399.274	25497.459	58090.	71075.	116775.	126190.
01144	SILICON IN BOTTOM DEPOSITS (MG/KG AS SI DRY WGT)	04/17/93-04/17/93	58	282000.	283155.172	397000.	191000.	2120624621.9	46050.24	218800.	251750.	305500.	353200.
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	04/17/93-04/17/93	53	0.	0.121	0.89	0.	0.053	0.231	0.	0.	0.1	0.486
01157	ZINC, TOTAL IN BOTTOM DEPOSITS (MG/KG AS ZN)	04/17/93-04/17/93	58	94.	99.148	182.7	36.1	803.411	28.345	65.71	83.175	118.575	131.82
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	04/17/93-04/17/93	58	50750.	49087.931	63000.	24800.	83821430.732	9155.404	35150.	43525.	56100.	59230.
04354	YEAR SED CORE SAMPLE DEPOSTION,LEAD-210 MTHD YR	04/17/93-04/17/93	14	1964.5	1958.143	1993.	1899.	871.67	29.524	1904.	1941.5	1982.	1990.5
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	04/17/93-04/17/93	13	12.	24.308	146.	5.	1486.897	38.56	5.	5.	27.5	104.4
34208	ACENAPHTHENE DRY WGTBOTUG/KG	04/17/93-04/17/93	13 ##	5.	5.615	13.	5.	4.923	2.219	5.	5.	5.	9.8
34223	ANTHRACENE DRY WGTBOTUG/KG	04/17/93-04/17/93	13	16.	17.923	47.	5.	157.91	12.566	5.	8.5	19.	44.2
34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	04/17/93-04/17/93	13	57.	111.	611.	25.	24151.	155.406	26.6	40.5	99.5	435.
34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	04/17/93-04/17/93	13	32.	72.308	426.	5.	12046.564	109.757	10.6	26.5	62.5	301.2
34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	04/17/93-04/17/93	13	30.	68.308	464.	5.	14620.231	120.914	7.	18.	64.5	307.6

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

Parameter Inventory for Station: FOPU0068

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34323	CHRYSENE DRY WGTBOTUG/KG	04/17/93-04/17/93	13	66.	128.308	866.	18.	50231.231	224.123	19.6	45.5	103.	572.8
34379	FLUORANTHENE DRY WGTBOTUG/KG	04/17/93-04/17/93	13	144.	151.	340.	42.	6013.5	77.547	47.2	103.5	198.	290.
34384	FLUORENE DRY WGTBOTUG/KG	04/17/93-04/17/93	13 ##	5.	25.769	206.	5.	3019.859	54.953	5.	5.	23.	136.4
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	04/17/93-04/17/93	13	20.	42.154	192.	5.	2585.141	50.844	8.6	17.	42.5	154.4
34445	NAPHTHALENE DRY WGTBOTUG/KG	04/17/93-04/17/93	13 ##	5.	6.077	19.	5.	15.077	3.883	5.	5.	5.	13.4
34464	PHENANTHRENE DRY WGTBOTUG/KG	04/17/93-04/17/93	13	34.	37.385	79.	13.	309.256	17.586	16.6	24.	47.	70.6
34472	PYRENE DRY WGTBOTUG/KG	04/17/93-04/17/93	13	170.	169.385	337.	56.	6500.923	80.628	68.8	109.	213.5	316.2
34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	04/17/93-04/17/93	13	16.	30.692	153.	5.	1631.564	40.393	5.	8.5	34.	117.8
34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	04/17/93-04/17/93	13	58.	81.692	424.	16.	11192.564	105.795	18.4	36.	74.5	297.6
34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	04/17/93-04/17/93	13 ##	5.	9.769	46.	5.	137.192	11.713	5.	5.	8.	35.6
39526	PCBS TOTAL,IN SEDIMENT,DRY (ISOMER ANALYSES) UG/KG	04/17/93-04/17/93	5	13.	15.8	27.	7.	60.7	7.791	**	**	**	**
49575	TOTAL ORGANIC CARBON, BOTT. DEP.,DRY WT.,SED MG/KG	04/17/93-04/17/93	58	21000.	22708.621	39400.	13100.	38307819.117	6189.331	15500.	19000.	25425.	33680.
49724	PERYLENE, DRY WEIGHT, SEDIMENT UG/KG	04/17/93-04/17/93	13	129.	214.846	472.	40.	29127.641	170.668	46.	79.	410.	470.8
49743	BENZO(E)PYRENE, DRY WEIGHT, SEDIMENT UG/KG	04/17/93-04/17/93	13	22.	49.846	288.	5.	5479.974	74.027	7.8	17.5	45.5	203.2
50596	PCB CONGENER IUPAC#29, SEDIMENT, DRY WEIGHT NG/G	04/17/93-04/17/93	5	2.22	62.944	308.	0.	18768.072	136.997	**	**	**	**
50943	2,6-DIMETHYLNAPHTHALENE, DRY WEIGHT, SEDIMENTUG/KG	04/17/93-04/17/93	13 ##	5.	6.077	14.	5.	7.577	2.753	5.	5.	5.	12.4
50945	PCB CONGENER #08 (CL2), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	5	0.001	0.23	0.67	0.	0.104	0.322	**	**	**	**
50946	PCB CONGENER #18 (CL3), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	5 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
50948	PCB CONGENER #52 (CL4), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	5	1.92	1.83	2.47	1.26	0.243	0.493	**	**	**	**
50949	PCB CONGENER #44 (CL4), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	5	1.76	2.228	5.37	0.69	3.364	1.834	**	**	**	**
50950	PCB CONGENER #66 (CL4), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	5	2.73	3.234	7.17	1.18	5.288	2.3	**	**	**	**
50952	PCB CONGENER #101 (CL5), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	5	2.07	2.668	5.55	1.06	3.032	1.741	**	**	**	**
50953	PCB CONGENER #118 (CL5), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	5	0.53	0.582	0.91	0.3	0.088	0.297	**	**	**	**
50954	PCB CONGENER #153 (CL6), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	5	0.45	0.46	0.74	0.26	0.038	0.195	**	**	**	**
50955	PCB CONGENER #105 (CL5), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	5	0.3	0.41	0.72	0.26	0.041	0.202	**	**	**	**
50956	PCB CONGENER #138 (CL6), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	5	0.36	0.382	0.78	0.18	0.057	0.238	**	**	**	**
50958	PCB CONGENER #187 (CL7), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	5	0.27	0.262	0.29	0.21	0.001	0.031	**	**	**	**
50959	PCB CONGENER #128 (CL6), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	5	0.08	0.102	0.3	0.	0.015	0.124	**	**	**	**
50960	PCB CONGENER #180 (CL7), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	5	0.07	0.074	0.18	0.	0.006	0.078	**	**	**	**
50961	PCB CONGENER #170 (CL7), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	5 ##	0.	0.06	0.18	0.	0.007	0.085	**	**	**	**
50962	PCB CONGENER #195 (CL8), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	5 ##	0.	0.034	0.09	0.	0.002	0.047	**	**	**	**
50963	PCB CONGENER #206 (CL9), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	5 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
50964	PCB CONGENER #209 (CL10),DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	5 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61160	PCB CONGENER #126 SEDIMENT DRY WEIGHT UG/KG	04/17/93-04/17/93	5	0.19	0.23	0.37	0.13	0.009	0.093	**	**	**	**
61161	PCB CONGENER # 77 SEDIMENT DRY WEIGHT UG/KG	04/17/93-04/17/93	5	1.72	2.116	3.85	1.14	1.189	1.09	**	**	**	**
61187	BIOGENETIC SILICA DRY WEIGHT SEDIMENT MG/L	04/17/93-04/17/93	58	3.75	4.419	7.8	2.2	2.519	1.587	2.5	3.3	6.1	6.91
75049	MERCURY (HG) SEDIMENT,DRY,WT,UG/KG	04/17/93-04/17/93	58	121.5	125.19	167.	73.	714.683	26.734	93.9	100.	151.5	162.
75558	BIPHENYL SEDIMENT,DRY WGT,UG/KG	04/17/93-04/17/93	13 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
78868	2-METHYLNAPHTHALENE IN SEDIMENT DRY WEIGHT UG/KG	04/17/93-04/17/93	13 ##	5.	6.077	13.	5.	7.077	2.66	5.	5.	5.	12.2
81900	SEDIMENT CORE SAMPLE,UPPER DEPTH,REPORT IN INCHES	04/17/93-04/17/93	58	11.22	11.221	22.44	0.	44.204	6.649	1.93	5.413	17.028	20.51
81901	SEDIMENT CORE SAMPLE, LOWER DEPTH,REPORT IN INCHES	04/17/93-04/17/93	58	11.615	11.614	22.83	0.39	44.202	6.648	2.321	5.81	17.42	20.909
82478	CARBONATE,DISSOLVED FROM DRY DEPOSITION (MG/KG)	04/17/93-04/17/93	58	81200.	86800.	213700.	17700.	1325561052.632	36408.255	36190.	63625.	113475.	134880.

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

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

Station Inventory for Station: FOPU0069

NPS Station ID: FOPU0069
LAT/LON: 32.076392/ -81.001670
Agency: 1113S090
Date Created: / /
Location: WILMINGTON R DNST OF SOUTH CHANL
FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 133135 /WR-3135 /SRWR-7 W-7
RMI-Indexes: 0313010
Within Park Boundary: No
RMI-Miles: 0013.00
HUC: 03060109
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: SAVANNAH RIVER BASIN
ECO Region:
RF1 Index: 03060109026
RF1 Mile Point: 9.750
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 03060204000108.94
RF3 Mile Point: 15.22
Distance from RF3: 0.01
On/Off RF3:
Description:
CENTER LINE OF WILMINGTON RIVER 91 MILE DWNSTR OF CONFLUENCE WITH S CHAN

Parameter Inventory for Station: FOPU0069

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

***** Data for this station locked by controlling agency *****

Station Inventory for Station: FOPU0070

NPS Station ID: FOPU0070
LAT/LON: 32.076670/ -81.071003
Agency: 1114PEST
Date Created: 11/09/91
Location: MIDSTREAM AT CHANNEL MARKER 62 RM13.6
FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 135050E /S-5-SRG
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03060109
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: SAVANNAH RIVER
ECO Region:
RF1 Index: 03060109
RF1 Mile Point: 0.000
Distance from RF1: 1.10
On/Off RF1:
RF3 Index: 03060109001601.64
RF3 Mile Point: 1.63
Distance from RF3: 0.11
On/Off RF3:
Description:
SEE STATION 135050A FOR NARRATIVE INFORMATION.

Parameter Inventory for Station: FOPU0070

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/15/89-11/14/89	309	24.	23.285	51.	1.	200.237	14.151	3.	12.	36.	42.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/15/89-11/14/89	309	27.4	24.043	29.7	11.4	33.879	5.821	13.3	19.5	29.	29.2
00300	OXYGEN, DISSOLVED MG/L	03/15/89-11/14/89	309	4.1	4.664	8.	2.4	2.338	1.529	2.9	3.5	5.4	7.8
00480	SALINITY - PARTS PER THOUSAND	03/15/89-11/14/89	309	12.9	12.763	28.1	3.3	43.027	6.56	3.8	6.85	17.35	21.5

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

EPA Water Quality Criteria Analysis for Station: FOPU0070

				Total	Exceed	Prop.	----------6/01-11/14----------			----------11/15-3/31----------			----------4/01-5/31----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	309	150	0.49	252	150	0.60	39	0	0.00	18	0	0.00			

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

Station Inventory for Station: FOPU0071

NPS Station ID: FOPU0071 LAT/LON: 32.077115/ -81.001031 Agency: 11NPSWRD Date Created: 01/16/99
Location: WILMINGTON RIVER AT THE SAVANNAH RIVER FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): FOPU_GDNR_26
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03060109 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: SAVANNAH RIVER ECO Region:
RF1 Index: 03060109 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03060109002008.47 RF3 Mile Point: 8.65 Distance from RF3: 0.58 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE SAVANNAH GA-SC 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE AND IS LOCATED OUTSIDE OF FORT PULASKI NATIONAL MONUMENT (FOPU). THE SITE IS LOCATED AT THE CONFLUENCE OF THE SAVANNAH RIVER AND THE WILMINGTON RIVER. SAMPLES WERE COLLECTED BY THE CITY OF SAVANNAH AND ITS CONTRACTORS AS PART OF A MULTI-AGENCY SAMPLING EFFORT. DATA ARE FROM THE GEORGIA DEPARTMENT OF NATURAL RESOURCES REPORT "RELEASE OF 7500 CURIES OF TRITIUM TO THE SAVANNAH RIVER FROM THE SAVANNAH RIVER SITE" (JAMES HARDEMAN JR.; JANUARY 1992). THE REPORT DOCUMENTS THE RESPONSE OF NUMEROUS AGENCIES TO TRITIUM RELEASED BY A NUCLEAR REACTOR AT THE SAVANNAH RIVER SITE. FOR INFORMATION ABOUT THE MONUMENT CONTACT NATURAL RESOURCES; FOPU; P.O. BOX 30757; SAVANNAH GA 31410 TEL(912)786-5787. DATA WERE PROCESSED AND UPLOADED TO STORET BY ARIA BRISSETTE; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 TEL(970)225-3516.

Parameter Inventory for Station: FOPU0071

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
04124 TRITIUM, TOTAL, WATER PCI/ML	01/03/92-01/06/92	5	14.77	12.114	16.8	1.56	39.465	6.282	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: FOPU0071

			Total	Exceed	Prop.	6/01-11/14			11/15-3/31			4/01-5/31			n/a		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.

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

Station Inventory for Station: FOPU0072

NPS Station ID: FOPU0072
LAT/LON: 32.079448/ -81.000005
Agency: 1113S090
Date Created: / /
Location: S CHANL OPP ENT TO WILMINGTON RI
FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 133060 /SR-3060 /SRSC-4 SC-4
RMI-Indexes: 0313050 001010
Within Park Boundary: No
RMI-Miles: 0000.10 0008.00
HUC: 03060109
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: SAVANNAH RIVER BASIN
ECO Region:
RF1 Index: 03060109026
RF1 Mile Point: 9.750
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 03060109066900.00
RF3 Mile Point: 0.00
Distance from RF3: 0.07
On/Off RF3:
Description:
CENTER LINE OF CHANNEL OPPOSITE ENTRANCE TO WILMINGTON RIVER

Parameter Inventory for Station: FOPU0072

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

***** Data for this station locked by controlling agency *****

Station Inventory for Station: FOPU0073

NPS Station ID: FOPU0073
LAT/LON: 32.079671/ -81.082837
Agency: 1114PEST
Date Created: 11/09/91
Location: MIDSTREAM ACROSS FM SPANKS AND PARK PIER RM14.3
FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 135050F /S-6-SRG
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03060109
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: SAVANNAH RIVER
ECO Region:
RF1 Index: 03060109
RF1 Mile Point: 0.000
Distance from RF1: 3.50
On/Off RF1:
RF3 Index: 03060109001601.64
RF3 Mile Point: 1.63
Distance from RF3: 0.12
On/Off RF3:
Description:
SEE STATION 135050A FOR NARRATIVE INFORMATION

Parameter Inventory for Station: FOPU0073

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

******** No Parameter Data at this Station Suitable for Statistical Analysis ********

Station Inventory for Station: FOPU0074

NPS Station ID: FOPU0074
LAT/LON: 32.080559/ -80.922782
Agency: 1113S090
Date Created: / /
Location: S CHANL 2.8 MI UPST FROM SR-3055
FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM
STORET Station ID(s): 133050 /SR-3050 /SRSC-2 SC-2
RMI-Indexes: 0313050 001010
Within Park Boundary: No
RMI-Miles: 0000.10 0003.80
HUC: 03050208
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: SAVANNAH RIVER BASIN
ECO Region:
RF1 Index: 03050208
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 03060109001600.04
RF3 Mile Point: 0.28
Distance from RF3: 0.10
On/Off RF3:
Description:
CENTER LINE OF CHANNEL, 4700 YARDS FROM SC-1 OPPOSITE NAVIGATION LIGHT

Parameter Inventory for Station: FOPU0074

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

***** Data for this station locked by controlling agency *****

Station Inventory for Station: FOPU0075

NPS Station ID: FOPU0075 LAT/LON: 32.080753/ -81.081531 Agency: 11NPSWRD Date Created: 10/10/98
Location: SAVANNAH R HUTCHINSON IS. BELOW EXCAVATED HULL FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): FOPU_SKIDAWAY_6
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03060109 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: SAVANNAH RIVER ECO Region:
RF1 Index: 03060109 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03060109002008.47 RF3 Mile Point: 8.65 Distance from RF3: 0.58 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE SAVANNAH GA-SC 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS OUTSIDE THE BOUNDARY OF FORT PULASKI NATIONAL MONUMENT. THE PUSHCORE SAMPLE WAS TAKEN FROM BENEATH THE HULL OF AN EXCAVATED SHIP IN THE SAVANNAH RIVER AT HUTCHINSON ISLAND. CORE SEDIMENT SAMPLES WERE ANALYZED TO DETERMINE THE ACCRUAL OF METALS; PESTICIDES; POLYCYCLIC AROMATIC HYDROCARBONS; AND PCB'S SINCE 1900. DATA ARE FROM "POLLUTION HISTORY OF THE SAVANNAH ESTUARY;" SEPTEMBER 1994; BY THE SKIDAWAY INSTITUTE OF OCEANOGRAPHY. FOR MORE INFORMATION CONTACT FORT PULASKI NATIONAL MONUMENT; P.O. BOX 30757; SAVANNAH GA 31410-0757. (TEL. 912-786-5787). THE DATA WERE PROCESSED AND UPLOADED TO STORET BY ERIC JANNEY OF THE NATIONAL PARK SERVICE WATER RESOURCE DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525-5596. (TEL. 9870-225-3516).

Parameter Inventory for Station: FOPU0075

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	04/17/93-04/17/93	10	2050.	2010.	2200.	1800.	29888.889	172.884	1800.	1800.	2200.	2200.
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	04/17/93-04/17/93	10	783.	787.9	912.	701.	4282.322	65.439	701.5	733.75	839.25	905.4
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/17/93-04/17/93	10	1.75	1.67	3.3	0.1	1.311	1.145	0.1	0.475	2.65	3.25
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/17/93-04/17/93	10	0.165	0.163	0.19	0.14	0.	0.019	0.14	0.14	0.18	0.189
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/17/93-04/17/93	10	77.2	77.16	79.9	71.6	6.389	2.528	71.96	75.725	79.35	79.86
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/17/93-04/17/93	10	36.7	40.69	72.1	28.1	166.15	12.89	28.57	32.95	45.875	70.04
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/17/93-04/17/93	10	81.15	140.	507.	33.5	20605.88	143.547	33.86	50.45	177.6	478.71
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	04/17/93-04/17/93	10	647.5	734.	1149.	482.	61527.333	248.047	484.4	524.75	949.5	1146.6
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/17/93-04/17/93	10	28.7	28.92	31.9	26.	2.511	1.585	26.16	28.125	29.825	31.73
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	04/17/93-04/17/93	10	0.175	0.176	0.21	0.15	0.	0.018	0.151	0.16	0.185	0.209
01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	04/17/93-04/17/93	10	0.395	0.392	0.43	0.33	0.001	0.033	0.333	0.368	0.423	0.43
01103	TIN IN BOTTOM DEPOSITS (MG/KG AS SN DRY WGT)	04/17/93-04/17/93	10	3.49	3.475	3.77	3.14	0.035	0.187	3.157	3.318	3.63	3.759
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	04/17/93-04/17/93	10	111200.	111360.	117400.	102300.	22016000.	4692.121	102690.	108675.	115025.	117380.
01144	SILICON IN BOTTOM DEPOSITS (MG/KG AS SI DRY WGT)	04/17/93-04/17/93	10	241000.	241100.	247000.	236000.	12322222.222	3510.302	236200.	238000.	244250.	246800.
01157	ZINC, TOTAL IN BOTTOM DEPOSITS (MG/KG AS ZN)	04/17/93-04/17/93	10	91.	92.2	102.	87.	29.511	5.432	87.	87.75	96.25	101.8
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	04/17/93-04/17/93	10	49050.	51280.	62400.	47400.	22099555.556	4701.016	47460.	48225.	53975.	61700.
49575	TOTAL ORGANIC CARBON, BOTT. DEP.,DRY WT.,SED MG/KG	04/17/93-04/17/93	10	23700.	25010.	38700.	20000.	27941000.	5285.925	20090.	21725.	26400.	37470.
75049	MERCURY (HG) SEDIMENT,DRY,WT,UG/KG	04/17/93-04/17/93	10	63.5	62.6	76.	49.	72.933	8.54	49.6	55.	68.	75.8
81900	SEDIMENT CORE SAMPLE,UPPER DEPTH,REPORT IN INCHES	04/17/93-04/17/93	10	8.855	8.937	17.72	0.39	34.185	5.847	0.587	3.545	14.273	17.523
81901	SEDIMENT CORE SAMPLE, LOWER DEPTH,REPORT IN INCHES	04/17/93-04/17/93	10	9.255	9.331	18.11	0.79	34.151	5.844	0.987	3.938	14.663	17.913
82478	CARBONATE,DISSOLVED FROM DRY DEPOSITION (MG/KG)	04/17/93-04/17/93	10	48950.	52730.	85700.	37900.	224002333.333	14966.707	38250.	41550.	64250.	83840.

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

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

Station Inventory for Station: FOPU0076

NPS Station ID: FOPU0076
LAT/LON: 32.081392/ -81.085281
Agency: 1113MONA
Date Created: / /
Location: SAVANNAH R AT FT JACKSON SAV.,GA
FIPS State/County: 13000 GEORGIA/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 137508 /SAV-08
RMI-Indexes: 0313050
Within Park Boundary: No
RMI-Miles: 0011.20
HUC: 03060109
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: SAVANNAH RIVER BASIN
ECO Region:
RF1 Index: 03060109006
RF1 Mile Point: 2.070
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 03060109009200.00
RF3 Mile Point: 0.00
Distance from RF3: 0.04
On/Off RF3:
Description:
THIS STATION OPERATED BY EPA SURVEILLANCE AND ANALYSIS DIVISION ATHENS, GA. IN COOPERATION WITH THE CORPS OF ENGINEERS AND STATE OF GEORGIA.
THIS IS A CONTINUOUS MONITORING STATION.

Parameter Inventory for Station: FOPU0076

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/25/69-07/04/75	227	73.	67.776	82.5	43.4	130.007	11.402	51.22	58.9	77.2	79.4
00060	FLOW, STREAM, MEAN DAILY CFS	09/25/69-09/30/74	1832	9580.	12773.166	133000.	6720.	59986288.06	7745.082	7530.	8200.	13800.	23370.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/25/69-07/04/75	227	9020.	9862.079	27780.	1135.	27888840.25	5280.989	3680.6	6378.	12880.	16990.
00300	OXYGEN, DISSOLVED MG/L	09/25/69-07/04/75	302	4.65	5.089	10.6	0.3	5.676	2.382	2.2	3.275	6.925	8.7
00400	PH (STANDARD UNITS)	09/25/69-07/04/75	222	6.7	6.722	7.58	5.78	0.065	0.255	6.42	6.528	6.903	7.047
00400	CONVERTED PH (STANDARD UNITS)	09/25/69-07/04/75	222	6.7	6.649	7.58	5.78	0.07	0.265	6.42	6.528	6.903	7.047
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/25/69-07/04/75	222	0.2	0.224	1.66	0.026	0.023	0.15	0.09	0.125	0.297	0.38

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

EPA Water Quality Criteria Analysis for Station: FOPU0076

				Total	Exceed	Prop.	6/01-11/14			11/15-3/31			4/01-5/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	302	109	0.36	101	62	0.61	65	0	0.00	136	47	0.35			
00400	PH	Fresh Chronic	9.	222	0	0.00	80	0	0.00	63	0	0.00	79	0	0.00			
		Other-Lo Lim.	6.5	222	45	0.20	80	4	0.05	63	7	0.11	79	34	0.43			

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

Annual Analysis for 1969 - Station FOPU0076

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/25/69-07/04/75	10	74.35	74.27	74.7	73.6	0.133	0.365	73.63	73.9	74.6	74.69
00060	FLOW, STREAM, MEAN DAILY CFS	09/25/69-09/30/74	98	7780.	8031.327	10700.	7000.	687158.016	828.95	7209.	7400.	8402.5	9289.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/25/69-07/04/75	10	8901.5	9754.6	13640.	7165.	6278084.933	2505.611	7186.2	7475.25	12575.	13580.
00300	OXYGEN, DISSOLVED MG/L	09/25/69-07/04/75	10	2.5	2.55	3.8	1.1	0.636	0.798	1.16	2.	3.225	3.75
00400	PH (STANDARD UNITS)	09/25/69-07/04/75	10	6.81	6.778	6.92	6.51	0.014	0.119	6.528	6.705	6.87	6.915
00400	CONVERTED PH (STANDARD UNITS)	09/25/69-07/04/75	10	6.81	6.762	6.92	6.51	0.014	0.12	6.528	6.705	6.87	6.915
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/25/69-07/04/75	10	0.155	0.173	0.309	0.12	0.003	0.055	0.122	0.135	0.197	0.299

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

Annual Analysis for 1970 - Station FOPU0076

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/25/69-07/04/75	38	77.4	77.584	80.6	74.6	1.485	1.218	76.27	76.8	78.05	79.51
00060	FLOW, STREAM, MEAN DAILY CFS	09/25/69-09/30/74	365	8100.	8820.877	20800.	6720.	5288806.372	2299.741	7236.	7455.	9135.	10900.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/25/69-07/04/75	38	9167.5	9339.526	15080.	4663.	8169134.148	2858.17	5221.7	7204.75	11322.5	13649.
00300	OXYGEN, DISSOLVED MG/L	09/25/69-07/04/75	38	2.2	2.155	3.8	0.3	0.47	0.686	1.25	1.875	2.425	2.86
00400	PH (STANDARD UNITS)	09/25/69-07/04/75	37	6.69	6.689	7.23	5.78	0.049	0.22	6.52	6.61	6.765	6.948
00400	CONVERTED PH (STANDARD UNITS)	09/25/69-07/04/75	37	6.69	6.612	7.23	5.78	0.055	0.234	6.52	6.61	6.765	6.948
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/25/69-07/04/75	37	0.204	0.244	1.66	0.059	0.062	0.248	0.113	0.172	0.246	0.302

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

Annual Analysis for 1971 - Station FOPU0076

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/25/69-07/04/75	21	73.8	76.2	82.5	72.6	18.026	4.246	72.66	73.05	81.7	82.38
00060	FLOW, STREAM, MEAN DAILY CFS	09/25/69-09/30/74	365	10400.	12923.699	52900.	8060.	38902341.502	6237.174	8806.	9380.	14550.	20440.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/25/69-07/04/75	21	11260.	11687.429	17070.	8173.	6656580.557	2580.035	8347.	9901.	13095.	16190.
00300	OXYGEN, DISSOLVED MG/L	09/25/69-07/04/75	21	3.7	3.39	4.5	2.	0.589	0.767	2.12	2.65	4.	4.2
00400	PH (STANDARD UNITS)	09/25/69-07/04/75	19	7.	7.103	7.58	6.84	0.046	0.216	6.94	6.94	7.24	7.48
00400	CONVERTED PH (STANDARD UNITS)	09/25/69-07/04/75	19	7.	7.06	7.58	6.84	0.048	0.22	6.94	6.94	7.24	7.48
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/25/69-07/04/75	19	0.1	0.087	0.145	0.026	0.001	0.034	0.033	0.058	0.115	0.115

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

Annual Analysis for 1972 - Station FOPU0076

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/25/69-07/04/75	12	55.4	55.192	55.8	54.5	0.27	0.52	54.5	54.6	55.6	55.8
00060	FLOW, STREAM, MEAN DAILY CFS	09/25/69-09/30/74	366	9230.	12232.104	36300.	7010.	43777295.014	6616.441	7507.	8005.	13500.	23000.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/25/69-07/04/75	12	7927.5	8288.25	11450.	6005.	2762292.205	1662.015	6095.9	6703.	9476.	11078.
00300	OXYGEN, DISSOLVED MG/L	09/25/69-07/04/75	87	4.1	4.214	7.9	1.9	2.335	1.528	2.38	3.1	4.7	6.84
00400	PH (STANDARD UNITS)	09/25/69-07/04/75	12	7.02	7.045	7.22	6.92	0.01	0.101	6.923	6.963	7.14	7.211
00400	CONVERTED PH (STANDARD UNITS)	09/25/69-07/04/75	12	7.02	7.035	7.22	6.92	0.01	0.102	6.923	6.963	7.14	7.211
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/25/69-07/04/75	12	0.096	0.092	0.12	0.06	0.	0.02	0.062	0.073	0.109	0.119

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

Annual Analysis for 1973 - Station FOPU0076

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/25/69-07/04/75	53	52.2	51.791	63.6	43.4	30.221	5.497	44.16	47.	53.9	60.46
00060	FLOW, STREAM, MEAN DAILY CFS	09/25/69-09/30/74	365	13100.	17343.836	44400.	7500.	91828531.951	9582.72	8110.	8990.	23950.	31520.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/25/69-07/04/75	53	4033.	4344.34	12520.	1135.	6402811.69	2530.378	1534.	2297.5	5565.	7625.2
00300	OXYGEN, DISSOLVED MG/L	09/25/69-07/04/75	53	8.9	8.828	10.6	6.2	1.206	1.098	6.84	8.45	9.8	10.06
00400	PH (STANDARD UNITS)	09/25/69-07/04/75	51	6.77	6.773	7.21	6.41	0.046	0.214	6.492	6.58	6.92	7.058
00400	CONVERTED PH (STANDARD UNITS)	09/25/69-07/04/75	51	6.77	6.723	7.21	6.41	0.048	0.22	6.492	6.58	6.92	7.058
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/25/69-07/04/75	51	0.17	0.189	0.389	0.062	0.008	0.091	0.088	0.12	0.263	0.322

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

Annual Analysis for 1974 - Station FOPU0076

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00060	FLOW, STREAM, MEAN DAILY CFS	09/25/69-09/30/74	273	10300.	14172.711	133000.	7450.	103301257.331	10163.723	7980.	8530.	18950.	26100.

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

Annual Analysis for 1975 - Station FOPU0076

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/25/69-07/04/75	93	73.6	71.901	81.	58.9	52.137	7.221	59.68	65.65	77.6	79.86
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/25/69-07/04/75	93	11540.	13022.57	27780.	4883.	30379467.704	5511.757	6652.2	8644.	16650.	21444.
00300	OXYGEN, DISSOLVED MG/L	09/25/69-07/04/75	93	5.3	5.632	7.8	3.9	1.334	1.155	4.4	4.8	6.55	7.6
00400	PH (STANDARD UNITS)	09/25/69-07/04/75	93	6.56	6.581	7.04	6.16	0.034	0.185	6.364	6.435	6.71	6.848
00400	CONVERTED PH (STANDARD UNITS)	09/25/69-07/04/75	93	6.56	6.543	7.04	6.16	0.036	0.189	6.364	6.435	6.71	6.848
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/25/69-07/04/75	93	0.275	0.286	0.692	0.091	0.014	0.118	0.142	0.195	0.367	0.433

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

Station Inventory for Station: FOPU0077

NPS Station ID: FOPU0077
LAT/LON: 32.081392/ -81.086116
Agency: 1113GAWQ
Date Created: / /
Location: SAV. R. AT SAVANNAH CITY HALL
FIPS State/County: 13000 GEORGIA/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 130006 /S-14 /G-051-06
RMI-Indexes: 0313050
Within Park Boundary: No
RMI-Miles: 0014.00
HUC: 03060109
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: SAVANNAH RIVER BASIN
ECO Region:
RF1 Index: 03060109006
RF1 Mile Point: 2.070
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 03060109091200.00
RF3 Mile Point: 0.00
Distance from RF3: 0.16
On/Off RF3:
Description:
STUDIES WERE CONDUCTED BY GEORGIA WATER QUALITY CONTROL BOARD (GWQCB), CORPS OF ENGINEERS, AND CHATHAM COUNTY HEALTH DEPARTMENT.
SAVANNAH RIVER-MAIN CHANNEL AT CENTER LINE CITY FRONT CHANNEL OPPOSITE SAVANNAH CITY HALL.

Parameter Inventory for Station: FOPU0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/05/71-10/05/71	2	29.5	29.5	29.5	29.5	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/08/71-11/02/71	3	6700.	6566.667	7000.	6000.	263333.333	513.16	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/07/71-12/15/71	8	7.05	7.1	7.4	6.9	0.034	0.185	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/07/71-12/15/71	8	7.047	7.068	7.4	6.9	0.035	0.188	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/07/71-12/15/71	8	0.09	0.086	0.126	0.04	0.001	0.033	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/08/71-09/08/71	2	8.5	8.5	9.	8.	0.5	0.707	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: FOPU0077

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-11/14 Obs	6/01-11/14 Exceed	6/01-11/14 Prop.	11/15-3/31 Obs	11/15-3/31 Exceed	11/15-3/31 Prop.	4/01-5/31 Obs	4/01-5/31 Exceed	4/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	8	0	0.00	6	0	0.00	2	0	0.00						
		Other-Lo Lim.	6.5	8	0	0.00	6	0	0.00	2	0	0.00						

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

Station Inventory for Station: FOPU0078

NPS Station ID: FOPU0078
LAT/LON: 32.081392/ -81.087226
Agency: 32PHLANS
Date Created: 03/21/92
Location: SAVANNAH RIVER
FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 6
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03060109
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: SAVANNAH RIVER
ECO Region:
RF1 Index: 03060109
RF1 Mile Point: 0.000
Distance from RF1: 4.00
On/Off RF1:
RF3 Index: 03060109001602.21
RF3 Mile Point: 2.21
Distance from RF3: 0.11
On/Off RF3:
Description:
IN THE DREDGED CHANNEL

Parameter Inventory for Station: FOPU0078

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/10/90-08/03/90	34	28.	25.138	29.9	17.	27.3	5.225	17.5	18.	29.025	29.55
00068	DEPTH, MAXIMUM, OF SAMPLE (FEET)	04/10/90-08/03/90	34	0.5	3.324	14.	0.	15.498	3.937	0.5	0.5	6.	9.5
00300	OXYGEN, DISSOLVED MG/L	04/10/90-08/03/90	34	5.05	4.809	6.7	0.	2.622	1.619	3.35	4.1	6.225	6.55
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/10/90-08/03/90	34	65.	59.147	75.	0.	287.463	16.955	47.	56.	69.25	72.5
00310	BOD, 5 DAY, 20 DEG C MG/L	06/14/90-10/25/90	8	0.9	1.038	2.8	0.1	0.823	0.907	**	**	**	**
00324	BOD, 20 DAY, 20 DEG C MG/L	06/14/90-10/25/90	8	3.1	3.1	4.4	1.6	0.723	0.85	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	04/10/90-08/03/90	34	8.	8.415	21.	1.5	22.019	4.692	2.5	5.3	10.95	15.5
00612	AMMONIA, UNIONZED (MG/L AS N)	06/14/90-10/25/90	8	0.09	0.108	0.2	0.06	0.002	0.05	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/14/90-10/25/90	8	0.5	0.475	0.9	0.	0.068	0.26	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/14/90-10/25/90	8	0.03	0.035	0.08	0.01	0.001	0.027	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: FOPU0078

				Total	Exceed	Prop.	6/01-11/14			11/15-3/31			4/01-5/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	34	7	0.21	23	7	0.30				11	0	0.00			

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

Station Inventory for Station: FOPU0079

NPS Station ID: FOPU0079
LAT/LON: 32.081503/ -81.033837
Agency: 1114PEST
Date Created: 11/09/91
Location: MIDSTREAM ACROSS FROM FORT JACKSON RM11.4
FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 135050D /S-4-SRG
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03060109
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: SAVANNAH RIVER
ECO Region:
RF1 Index: 03060109
RF1 Mile Point: 0.000
Distance from RF1: 2.20
On/Off RF1:
RF3 Index: 03050208464800.00
RF3 Mile Point: 0.00
Distance from RF3: 0.12
On/Off RF3:
Description:
SEE STATION 135050A FOR NARRATIVE INFORMATION.

Parameter Inventory for Station: FOPU0079

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

******** No Parameter Data at this Station Suitable for Statistical Analysis ********

Station Inventory for Station: FOPU0080

NPS Station ID: FOPU0080
LAT/LON: 32.081670/ -81.088615
Agency: 21GAEPD
Date Created: / /
Location: SAVANNAH RIVER - SAVANNAH CITY HALL
FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 01019001
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03060109
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: SAVANNAH RIVER
ECO Region:
RF1 Index: 03060109006
RF1 Mile Point: 2.700
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 03060109001602.78
RF3 Mile Point: 3.59
Distance from RF3: 0.05
On/Off RF3:
Description:

Parameter Inventory for Station: FOPU0080

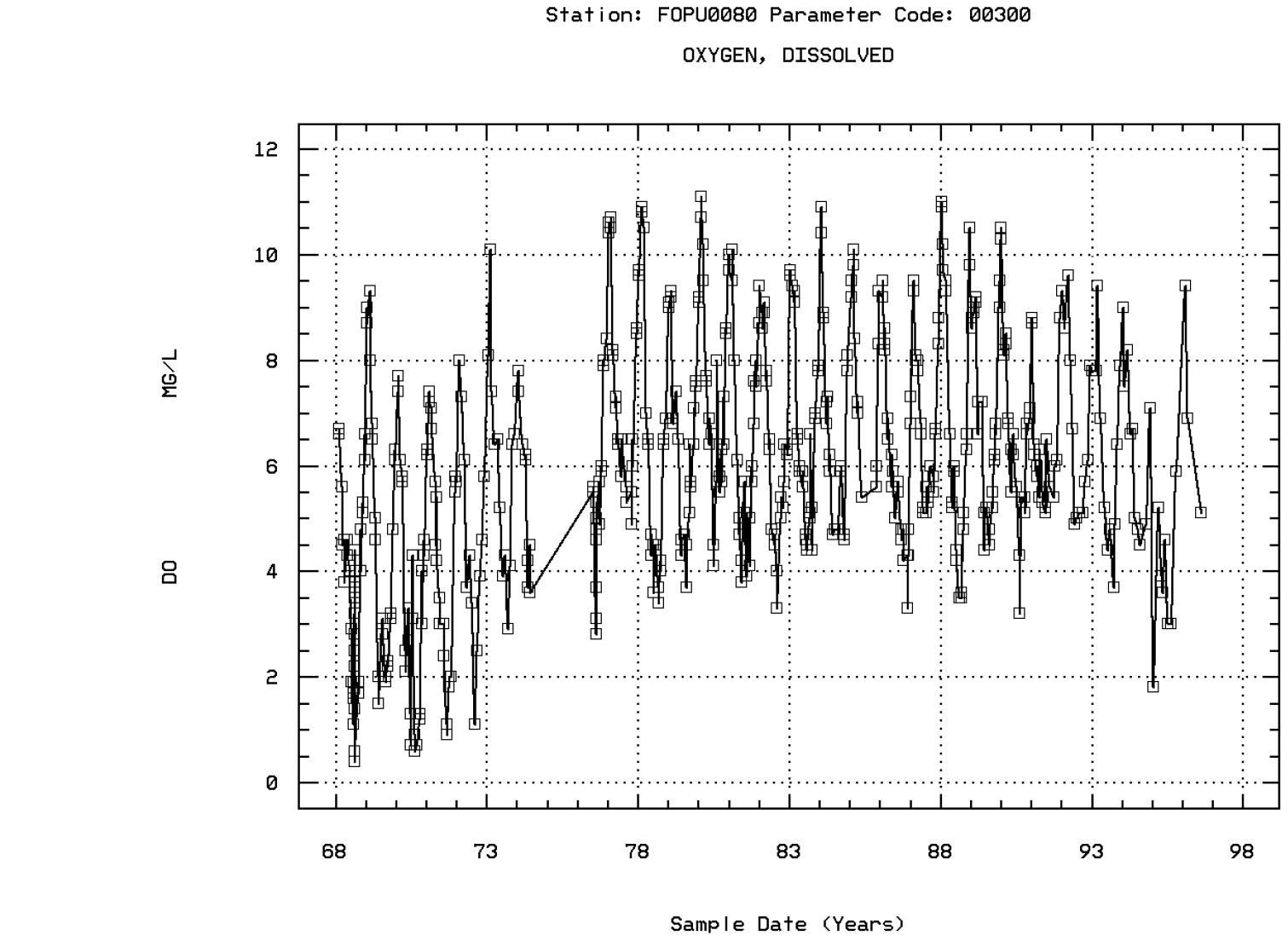
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	539	3.	10.508	20.	0.	72.626	8.522	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/20/68-08/15/96	552	20.	19.988	31.	5.8	45.871	6.773	10.03	14.	26.425	28.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/07/72-08/15/96	416	22.	20.45	38.	0.	64.991	8.062	9.	15.	26.5	30.65
00065	STAGE, STREAM (FEET)	01/04/72-11/06/73	16	6.1	5.063	8.5	0.2	7.021	2.65	1.04	2.525	7.05	8.29
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/10/76-08/19/76	8	10.5	13.75	27.	8.	58.5	7.649	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/15/68-02/02/72	39	41.	40.41	75.	7.	327.143	18.087	13.	25.	56.	61.
00080	COLOR (PLATINUM-COBALT UNITS)	08/12/68-08/19/76	22	37.5	35.909	50.	10.	111.039	10.538	20.	30.	41.25	50.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-08/15/96	424	7800.	7682.91	22200.	60.	25111205.065	5011.108	790.	3457.5	11600.	14300.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/68-09/14/83	118	5100.	6373.449	29000.	60.	22702912.831	4764.757	1745.	3537.5	8475.	12070.
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-08/15/96	556	5.9	6.013	11.1	0.4	4.946	2.224	3.2	4.6	7.5	9.2
00310	BOD, 5 DAY, 20 DEG C MG/L	03/20/68-08/19/76	146	1.35	1.425	4.4	0.2	0.608	0.78	0.5	0.8	1.925	2.43
00400	PH (STANDARD UNITS)	01/15/74-08/15/96	398	6.8	6.844	8.38	5.4	0.179	0.423	6.3	6.6	7.1	7.4
00400	CONVERTED PH (STANDARD UNITS)	01/15/74-08/15/96	398	6.8	6.616	8.38	5.4	0.231	0.48	6.3	6.6	7.1	7.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-08/15/96	398	0.158	0.242	3.981	0.004	0.16	0.4	0.04	0.079	0.251	0.501
00403	PH, LAB, STANDARD UNITS SU	02/15/68-08/19/76	143	7.	6.996	8.1	6.1	0.098	0.313	6.64	6.8	7.2	7.4
00403	CONVERTED PH, LAB, STANDARD UNITS	02/15/68-08/19/76	143	7.	6.888	8.1	6.1	0.11	0.331	6.64	6.8	7.2	7.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/15/68-08/19/76	143	0.1	0.129	0.794	0.008	0.012	0.108	0.04	0.063	0.158	0.231
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/21/68-08/19/76	134	33.	35.575	90.	13.	173.449	13.17	21.	26.75	42.	50.
00480	SALINITY - PARTS PER THOUSAND	02/05/74-06/25/91	346	4.9	5.097	26.	0.	12.026	3.468	0.47	2.8	7.2	9.2
00505	RESIDUE, TOTAL VOLATILE (MG/L)	05/21/68-12/16/69	51	28.	29.392	81.	0.5	424.033	20.592	4.2	10.	43.	58.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/15/68-08/19/76	137	44.	59.299	250.	3.	2428.52	49.28	18.	30.	69.5	128.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/25/69-08/18/76	5	0.14	6.104	30.	0.1	178.444	13.358	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/07/74-08/18/76	4	0.17	0.178	0.25	0.12	0.005	0.068	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/07/74-08/18/76	4	0.21	0.22	0.39	0.07	0.027	0.164	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	12/05/72-06/04/74	20	6.	6.45	13.	4.	5.418	2.328	5.	5.	6.75	11.7
00940	CHLORIDE,TOTAL IN WATER MG/L	02/15/68-08/19/76	145	1700.	2059.628	9800.	31.	2796928.749	1672.402	222.2	900.	2925.	4240.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/15/68-06/23/70	32	24000.	41709.375	240000.	2000.	3595711844.758	59964.255	7900.	10900.	34800.	139600.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/15/68-06/23/70	32	4.38	4.36	5.38	3.301	0.208	0.456	3.898	4.037	4.542	5.132
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			22886.285								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-08/19/76	83	7000.	20452.53	230000.	15.	2196316281.935	46864.873	930.	2300.	15000.	35400.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-08/19/76	83	3.845	3.766	5.362	1.176	0.53	0.728	2.968	3.362	4.176	4.532
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5827.907								
82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	09/21/76-05/14/91	324	14.	16.873	80.	4.	116.383	10.788	7.	10.	20.	30.

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

EPA Water Quality Criteria Analysis for Station: FOPU0080

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-11/14 Obs	6/01-11/14 Exceed	6/01-11/14 Prop.	11/15-3/31 Obs	11/15-3/31 Exceed	11/15-3/31 Prop.	4/01-5/31 Obs	4/01-5/31 Exceed	4/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	8	0	0.00	8	0	0.00									
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	39	17	0.44	14	8	0.57	19	7	0.37	6	2	0.33			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	556	92	0.17	272	81	0.30	196	2	0.01	88	9	0.10			
00400	PH	Fresh Chronic	9.	398	0	0.00	187	0	0.00	144	0	0.00	67	0	0.00			
		Other-Lo Lim.	6.5	398	89	0.22	187	43	0.23	144	29	0.20	67	17	0.25			
00403	PH, LAB	Fresh Chronic	9.	143	0	0.00	75	0	0.00	48	0	0.00	20	0	0.00			
		Other-Lo Lim.	6.5	143	6	0.04	75	5	0.07	48	1	0.02	20	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	4	0	0.00	2	0	0.00				2	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	145	110	0.76	74	57	0.77	49	36	0.73	22	17	0.77			
		Drinking Water	250.	145	130	0.90	74	68	0.92	49	42	0.86	22	20	0.91			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	32	32	1.00	16	16	1.00	12	12	1.00	4	4	1.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	83	80	0.96	42	40	0.95	28	27	0.96	13	13	1.00			
82078	TURBIDITY, FIELD	Other-Hi Lim.	50.	324	7	0.02	144	1	0.01	124	3	0.02	56	3	0.05			

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



SAVANNAH RIVER - SAVANNAH CITY HALL

Annual Analysis for 1968 - Station FOPU0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	36	11.5	11.5	20.	3.	74.314	8.621	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/20/68-08/15/96	32	27.5	24.6	31.	9.4	41.955	6.477	14.5	20.	29.375	30.35
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/68-09/14/83	25	5000.	5796.	12000.	1750.	10188108.333	3191.882	2190.	3125.	8600.	10900.
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-08/15/96	36	3.75	3.542	6.7	0.4	2.96	1.721	1.31	1.9	4.6	6.25
00310	BOD, 5 DAY, 20 DEG C MG/L	03/20/68-08/19/76	34	1.85	2.021	4.4	0.8	0.589	0.767	1.25	1.4	2.5	2.95
00403	PH, LAB, STANDARD UNITS SU	02/15/68-08/19/76	36	7.	7.047	7.6	6.4	0.095	0.308	6.67	6.8	7.3	7.5
00403	CONVERTED PH, LAB, STANDARD UNITS	02/15/68-08/19/76	36	7.	6.946	7.6	6.4	0.106	0.325	6.67	6.8	7.3	7.5
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/15/68-08/19/76	36	0.1	0.113	0.398	0.025	0.006	0.08	0.032	0.05	0.158	0.215
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/21/68-08/19/76	28	32.	33.464	50.	22.	59.591	7.72	23.8	26.5	41.	42.3
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/15/68-08/19/76	36	53.	66.833	250.	3.	3386.314	58.192	15.4	31.	73.5	163.4
00940	CHLORIDE,TOTAL IN WATER MG/L	02/15/68-08/19/76	35	1500.	1600.886	4300.	37.	1209154.987	1099.616	480.	700.	1800.	3640.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-08/19/76	17	10900.	27258.824	160000.	1700.	2539571323.529	50394.16	2100.	2550.	20000.	160000.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-08/19/76	17	4.037	3.998	5.204	3.23	0.342	0.585	3.32	3.406	4.301	5.204
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9952.109								

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

Annual Analysis for 1969 - Station FOPU0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	22	11.5	11.5	20.	3.	75.69	8.7	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/20/68-08/15/96	22	19.5	18.491	28.7	9.1	45.435	6.741	9.96	11.175	25.3	27.81
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/68-09/14/83	22	5125.	7954.545	29000.	800.	54567359.307	7386.972	1795.	3325.	10737.5	21850.
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-08/15/96	22	4.7	4.727	9.3	1.5	6.403	2.53	1.93	2.275	6.575	8.91
00310	BOD, 5 DAY, 20 DEG C MG/L	03/20/68-08/19/76	21	1.6	1.686	2.8	0.7	0.349	0.591	1.	1.15	2.	2.74
00403	PH, LAB, STANDARD UNITS SU	02/15/68-08/19/76	16	7.1	7.125	8.1	6.4	0.199	0.446	6.54	6.825	7.275	7.96
00403	CONVERTED PH, LAB, STANDARD UNITS	02/15/68-08/19/76	16	7.1	6.945	8.1	6.4	0.234	0.484	6.54	6.825	7.275	7.96
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/15/68-08/19/76	16	0.079	0.113	0.398	0.008	0.011	0.105	0.011	0.053	0.15	0.295
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/21/68-08/19/76	21	45.	51.429	90.	13.	388.657	19.714	30.	39.	65.	84.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/15/68-08/19/76	22	59.5	68.318	134.	27.	1205.751	34.724	30.5	37.75	98.	124.4
00940	CHLORIDE,TOTAL IN WATER MG/L	02/15/68-08/19/76	21	1600.	2690.476	9800.	300.	6547904.762	2558.887	800.	1100.	3600.	7840.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-08/19/76	7	3480.	3621.429	7000.	170.	7831014.286	2798.395	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-08/19/76	7	3.542	3.337	3.845	2.23	0.349	0.591	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2170.944								

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

Annual Analysis for 1970 - Station FOPU0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	24	11.5	11.5	20.	3.	75.391	8.683	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/20/68-08/15/96	22	24.5	22.236	29.4	12.1	34.476	5.872	13.15	16.2	27.55	28.83
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/68-09/14/83	24	5150.	5663.75	14000.	150.	14580911.413	3818.496	415.	2612.5	8337.5	12050.
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-08/15/96	24	3.05	3.35	7.7	0.6	4.992	2.234	0.7	1.225	5.425	6.75
00310	BOD, 5 DAY, 20 DEG C MG/L	03/20/68-08/19/76	24	1.65	1.7	3.5	0.6	0.51	0.714	0.85	1.1	2.15	2.75
00403	PH, LAB, STANDARD UNITS SU	02/15/68-08/19/76	24	6.8	6.846	7.4	6.1	0.101	0.318	6.35	6.7	7.	7.3
00403	CONVERTED PH, LAB, STANDARD UNITS	02/15/68-08/19/76	24	6.8	6.717	7.4	6.1	0.118	0.344	6.35	6.7	7.	7.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/15/68-08/19/76	24	0.158	0.192	0.794	0.04	0.038	0.195	0.051	0.1	0.2	0.523
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/21/68-08/19/76	22	39.	38.136	50.	25.	65.266	8.079	28.6	30.	45.	50.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/15/68-08/19/76	22	46.	66.955	244.	28.	3017.379	54.931	28.6	35.75	65.25	161.9
00940	CHLORIDE,TOTAL IN WATER MG/L	02/15/68-08/19/76	24	1800.	1886.042	4600.	100.	1675904.303	1294.567	137.5	900.	2825.	4150.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-08/19/76	12	2300.	6396.667	24000.	690.	60524060.606	7779.721	708.	1140.	13355.	21600.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-08/19/76	12	3.362	3.514	4.38	2.839	0.279	0.528	2.85	3.038	4.087	4.327
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3268.053								

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

Annual Analysis for 1971 - Station FOPU0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	24	11.5	11.5	20.	3.	75.391	8.683	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/20/68-08/15/96	24	21.25	20.538	27.5	10.5	39.321	6.271	11.1	13.875	26.875	27.25
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/68-09/14/83	24	4850.	6352.083	19000.	2050.	17850973.732	4225.041	2425.	4025.	6800.	14350.
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-08/15/96	22	4.35	4.259	7.4	0.9	4.65	2.156	1.31	2.	6.225	7.17
00310	BOD, 5 DAY, 20 DEG C MG/L	03/20/68-08/19/76	24	0.95	1.196	2.3	0.3	0.387	0.622	0.6	0.7	1.6	2.3
00403	PH, LAB, STANDARD UNITS SU	02/15/68-08/19/76	24	6.8	6.863	7.3	6.5	0.042	0.204	6.65	6.7	7.	7.2
00403	CONVERTED PH, LAB, STANDARD UNITS	02/15/68-08/19/76	24	6.8	6.821	7.3	6.5	0.043	0.208	6.65	6.7	7.	7.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/15/68-08/19/76	24	0.158	0.151	0.316	0.05	0.004	0.064	0.063	0.1	0.2	0.225
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/21/68-08/19/76	22	30.5	31.455	52.	18.	65.784	8.111	22.2	25.75	34.25	45.1
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/15/68-08/19/76	18	58.5	64.944	140.	28.	1072.291	32.746	28.	38.25	87.75	118.4
00940	CHLORIDE,TOTAL IN WATER MG/L	02/15/68-08/19/76	22	1765.	2181.591	6200.	600.	2231669.968	1493.877	732.5	1290.	2150.	5105.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-08/19/76	11	9300.	27427.273	230000.	2300.	4527540181.818	67286.999	2700.	4300.	9300.	187000.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-08/19/76	11	3.968	3.937	5.362	3.362	0.279	0.528	3.416	3.633	3.968	5.125
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8650.318								

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Annual Analysis for 1972 - Station FOPU0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/20/68-08/15/96	12	20.9	20.442	30.	12.	34.388	5.864	12.39	15.2	25.625	29.1
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/07/72-08/15/96	6	27.25	27.2	33.	20.	23.436	4.841	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-08/15/96	12	6250.	6599.167	14800.	170.	25791867.424	5078.569	297.5	1343.75	11550.	13930.
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-08/15/96	12	4.45	4.7	8.	1.1	3.92	1.98	1.52	3.475	6.025	7.79
00310	BOD, 5 DAY, 20 DEG C MG/L	03/20/68-08/19/76	12	0.85	0.842	1.3	0.4	0.081	0.284	0.43	0.55	1.075	1.27
00403	PH, LAB, STANDARD UNITS SU	02/15/68-08/19/76	12	6.9	6.958	7.5	6.7	0.044	0.211	6.73	6.825	7.	7.41
00403	CONVERTED PH, LAB, STANDARD UNITS	02/15/68-08/19/76	12	6.9	6.921	7.5	6.7	0.046	0.215	6.73	6.825	7.	7.41
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/15/68-08/19/76	12	0.126	0.12	0.2	0.032	0.002	0.044	0.041	0.1	0.15	0.187
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/21/68-08/19/76	10	29.	32.1	47.	15.	105.211	10.257	15.9	25.5	43.25	46.7
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/15/68-08/19/76	11	29.	28.182	44.	19.	66.564	8.159	19.	19.	33.	42.
00940	CHLORIDE,TOTAL IN WATER MG/L	02/15/68-08/19/76	12	2000.	2223.417	4800.	31.	3291861.902	1814.349	66.7	375.	4075.	4620.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-08/19/76	11	7500.	26696.364	210000.	930.	3758525565.455	61306.815	930.	1500.	23000.	172600.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-08/19/76	11	3.875	3.836	5.322	2.968	0.484	0.696	2.968	3.176	4.362	5.13
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6853.867								

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Annual Analysis for 1973 - Station FOPU0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/20/68-08/15/96	12	18.95	20.133	28.5	7.7	42.108	6.489	9.14	16.375	26.25	28.35
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-08/15/96	12	1840.	4986.25	18000.	360.	31910532.386	5648.941	361.5	687.5	9575.	15720.
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-08/15/96	12	6.4	5.992	10.1	2.9	4.115	2.029	3.2	4.15	7.2	9.5
00310	BOD, 5 DAY, 20 DEG C MG/L	03/20/68-08/19/76	12	0.55	0.625	1.6	0.2	0.148	0.384	0.2	0.4	0.775	1.42
00403	PH, LAB, STANDARD UNITS SU	02/15/68-08/19/76	12	6.9	6.967	7.6	6.5	0.102	0.32	6.53	6.725	7.175	7.54
00403	CONVERTED PH, LAB, STANDARD UNITS	02/15/68-08/19/76	12	6.9	6.872	7.6	6.5	0.112	0.335	6.53	6.725	7.175	7.54
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/15/68-08/19/76	12	0.126	0.134	0.316	0.025	0.007	0.086	0.03	0.067	0.189	0.297
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/21/68-08/19/76	12	23.	28.75	48.	15.	142.75	11.948	15.9	18.75	41.75	47.1
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/15/68-08/19/76	11	31.	44.455	176.	16.	2024.073	44.99	16.4	21.	46.	150.6
00940	CHLORIDE,TOTAL IN WATER MG/L	02/15/68-08/19/76	12	1320.	2183.	6900.	79.	5573794.727	2360.889	100.3	171.75	3525.	6510.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-08/19/76	12	23000.	39866.667	230000.	7500.	3772955151.515	61424.386	8040.	9300.	43000.	173900.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-08/19/76	12	4.362	4.359	5.362	3.875	0.178	0.422	3.903	3.968	4.633	5.143
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			22838.093								

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

Annual Analysis for 1974 - Station FOPU0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	6	20.	20.	20.	20.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/20/68-08/15/96	13	19.8	19.146	24.8	13.5	15.369	3.92	13.5	15.8	23.1	24.68
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-08/15/96	12	5900.	5596.5	11800.	235.	13770611.545	3710.877	237.4	1915.	8175.	11230.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/68-09/14/83	1	243.	243.	243.	243.	0.	0.	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-08/15/96	11	6.2	5.7	7.8	3.6	2.128	1.459	3.62	4.2	6.4	7.72
00310	BOD, 5 DAY, 20 DEG C MG/L	03/20/68-08/19/76	13	0.6	0.592	1.	0.4	0.034	0.185	0.4	0.45	0.65	0.96
00400p	PH (STANDARD UNITS)	01/15/74-08/15/96	13	6.6	6.662	7.	6.1	0.051	0.226	6.26	6.6	6.85	6.96
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-08/15/96	13	6.6	6.599	7.	6.1	0.055	0.235	6.26	6.6	6.85	6.96
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-08/15/96	13	0.251	0.252	0.794	0.1	0.031	0.175	0.11	0.142	0.251	0.603
00403	PH, LAB, STANDARD UNITS SU	02/15/68-08/19/76	13	7.2	7.169	7.5	6.8	0.039	0.197	6.88	7.	7.25	7.5
00403	CONVERTED PH, LAB, STANDARD UNITS	02/15/68-08/19/76	13	7.2	7.129	7.5	6.8	0.041	0.202	6.88	7.	7.25	7.5
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/15/68-08/19/76	13	0.063	0.074	0.158	0.032	0.001	0.034	0.032	0.057	0.1	0.135
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/21/68-08/19/76	13	27.	27.	39.	15.	67.	8.185	16.2	18.5	35.	37.8
00480p	SALINITY - PARTS PER THOUSAND	02/05/74-06/25/91	10	3.4	4.32	15.3	0.1	21.064	4.59	0.1	0.1	6.225	14.49
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/15/68-08/19/76	11	43.	66.455	246.	12.	4827.673	69.481	13.2	19.	84.	224.
00940	CHLORIDE,TOTAL IN WATER MG/L	02/15/68-08/19/76	13	1900.	1902.231	4350.	46.	2125887.192	1458.042	46.	268.5	2975.	4050.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-08/19/76	7	2300.	6151.429	23000.	930.	63568214.286	7972.968	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-08/19/76	7	3.362	3.518	4.362	2.968	0.263	0.513	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3294.039								

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

Annual Analysis for 1976 - Station FOPU0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	14	3.	10.286	20.	3.	76.22	8.73	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/20/68-08/15/96	18	24.5	22.8	28.	10.8	36.627	6.052	10.89	20.1	27.425	28.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/07/72-08/15/96	17	25.2	22.835	38.	6.5	107.464	10.366	6.5	13.	31.5	38.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-08/15/96	12	8150.	6485.833	13100.	200.	21887681.061	4678.427	230.	897.5	9850.	12440.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/68-09/14/83	6	6100.	6241.667	11500.	350.	13720416.667	3704.108	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-08/15/96	18	5.4	5.567	8.4	2.8	2.839	1.685	3.07	4.6	6.475	8.4
00310	BOD, 5 DAY, 20 DEG C MG/L	03/20/68-08/19/76	6	1.55	1.533	2.2	1.1	0.151	0.388	**	**	**	**
00400p	PH (STANDARD UNITS)	01/15/74-08/15/96	12	7.05	6.95	7.4	6.4	0.143	0.378	6.43	6.5	7.3	7.37
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-08/15/96	12	7.047	6.799	7.4	6.4	0.168	0.409	6.43	6.5	7.3	7.37
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-08/15/96	12	0.09	0.159	0.398	0.04	0.018	0.135	0.043	0.05	0.316	0.374
00403	PH, LAB, STANDARD UNITS SU	02/15/68-08/19/76	6	7.2	7.233	7.5	7.	0.027	0.163	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	02/15/68-08/19/76	6	7.2	7.209	7.5	7.	0.027	0.166	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/15/68-08/19/76	6	0.063	0.062	0.1	0.032	0.001	0.022	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/21/68-08/19/76	6	33.5	33.667	38.	31.	7.067	2.658	**	**	**	**
00480p	SALINITY - PARTS PER THOUSAND	02/05/74-06/25/91	12	5.05	4.233	9.	0.1	9.639	3.105	0.1	0.75	6.95	8.46
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/15/68-08/19/76	6	7.5	7.167	9.	4.	3.767	1.941	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	02/15/68-08/19/76	6	2487.	2541.5	3850.	1600.	650293.5	806.408	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-08/19/76	6	3300.	2538.333	4300.	15.	4420326.667	2102.457	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-08/19/76	6	3.498	2.769	3.633	1.176	1.534	1.238	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			587.561								
82078p	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	09/21/76-05/14/91	8	25.	23.125	29.	13.	34.696	5.89	**	**	**	**

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Annual Analysis for 1977 - Station FOPU0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	20	11.5	11.5	20.	3.	76.053	8.721	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/20/68-08/15/96	20	19.1	17.145	28.	5.8	58.242	7.632	6.	10.5	22.	27.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/07/72-08/15/96	20	19.5	20.92	32.	9.	77.229	8.788	9.3	12.	31.7	32.

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Annual Analysis for 1977 - Station FOPU0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-08/15/96	20	2725.	5570.85	18900.	60.	41166829.713	6416.138	76.9	182.25	9000.	16990.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/68-09/14/83	2	77.	77.	94.	60.	578.	24.042	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-08/15/96	20	6.8	7.45	10.7	4.9	3.633	1.906	5.32	5.85	8.575	10.59
00400p	PH (STANDARD UNITS)	01/15/74-08/15/96	20	7.2	7.2	7.7	6.5	0.099	0.315	6.81	7.	7.475	7.6
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-08/15/96	20	7.2	7.087	7.7	6.5	0.112	0.335	6.81	7.	7.475	7.6
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-08/15/96	20	0.063	0.082	0.316	0.02	0.005	0.068	0.025	0.034	0.1	0.155
00480p	SALINITY - PARTS PER THOUSAND	02/05/74-06/25/91	15	5.	8.107	26.	2.	56.091	7.489	2.	2.2	11.4	24.2
82078p	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	09/21/76-05/14/91	16	15.	20.063	53.	9.	177.529	13.324	9.	11.5	25.5	49.5

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Annual Analysis for 1978 - Station FOPU0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	24	11.5	11.5	20.	3.	75.391	8.683	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/20/68-08/15/96	24	19.25	19.75	29.	8.	50.174	7.083	8.5	14.	26.75	28.75
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/07/72-08/15/96	24	21.	21.417	32.	8.	45.297	6.73	9.5	19.25	27.	30.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-08/15/96	22	5200.	7024.091	19000.	180.	27981987.229	5289.8	756.	2857.5	10975.	15870.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/68-09/14/83	2	3560.	3560.	4110.	3010.	605000.	777.817	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-08/15/96	24	6.45	6.538	10.9	3.4	6.452	2.54	3.65	4.325	8.95	10.65
00400p	PH (STANDARD UNITS)	01/15/74-08/15/96	22	7.1	7.159	7.9	6.7	0.077	0.277	6.83	6.975	7.3	7.57
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-08/15/96	22	7.1	7.087	7.9	6.7	0.082	0.287	6.83	6.975	7.3	7.57
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-08/15/96	22	0.079	0.082	0.2	0.013	0.002	0.045	0.027	0.05	0.106	0.149
00480p	SALINITY - PARTS PER THOUSAND	02/05/74-06/25/91	24	3.1	4.496	12.2	0.2	11.322	3.365	0.85	2.125	6.425	10.8
82078p	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	09/21/76-05/14/91	22	16.	21.818	57.	9.	230.251	15.174	9.	12.75	21.25	54.3

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Annual Analysis for 1979 - Station FOPU0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	35	20.	11.743	20.	3.	74.314	8.621	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/20/68-08/15/96	34	19.5	19.321	29.	8.5	43.998	6.633	9.	14.	24.5	27.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/07/72-08/15/96	33	23.	19.091	30.	2.	86.148	9.282	3.6	11.	27.	29.2
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-08/15/96	22	3480.	4786.545	14100.	160.	20149100.26	4488.775	162.	352.5	9525.	11870.
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-08/15/96	34	6.45	6.471	9.3	3.7	2.692	1.641	4.5	4.7	7.5	9.15
00400p	PH (STANDARD UNITS)	01/15/74-08/15/96	34	6.8	6.835	7.6	6.2	0.158	0.397	6.3	6.5	7.1	7.5
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-08/15/96	34	6.8	6.685	7.6	6.2	0.181	0.425	6.3	6.5	7.1	7.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-08/15/96	34	0.158	0.207	0.631	0.025	0.027	0.164	0.032	0.079	0.316	0.501
00480p	SALINITY - PARTS PER THOUSAND	02/05/74-06/25/91	21	3.	3.205	9.8	0.	7.447	2.729	0.04	0.35	5.1	7.14
82078p	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	09/21/76-05/14/91	23	22.	25.217	44.	8.	109.996	10.488	12.	17.	34.	41.2

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Annual Analysis for 1980 - Station FOPU0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	25	20.	11.84	20.	3.	75.14	8.668	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/20/68-08/15/96	22	19.	17.523	27.5	6.5	42.178	6.494	7.55	10.875	23.5	26.45
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/07/72-08/15/96	24	23.25	21.083	36.	4.	83.601	9.143	6.5	13.5	27.75	33.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-08/15/96	22	6400.	6322.409	14200.	361.	21228699.872	4607.461	402.4	1500.	9850.	13260.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/68-09/14/83	1	8000.	8000.	8000.	8000.	0.	0.	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-08/15/96	24	7.1	7.417	11.1	4.1	3.569	1.889	5.	5.925	8.975	10.45

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Annual Analysis for 1980 - Station FOPU0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400p	PH (STANDARD UNITS)	01/15/74-08/15/96	19	6.9	6.974	7.5	6.6	0.082	0.286	6.6	6.8	7.2	7.5
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-08/15/96	19	6.9	6.894	7.5	6.6	0.089	0.298	6.6	6.8	7.2	7.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-08/15/96	19	0.126	0.128	0.251	0.032	0.005	0.073	0.032	0.063	0.158	0.251
00480p	SALINITY - PARTS PER THOUSAND	02/05/74-06/25/91	19	4.9	3.868	9.9	0.1	10.011	3.164	0.2	0.4	6.1	9.
82078p	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	09/21/76-05/14/91	24	14.5	13.875	26.	6.	24.549	4.955	7.	10.	17.75	19.5

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Annual Analysis for 1981 - Station FOPU0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	29	3.	10.034	20.	3.	72.606	8.521	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/20/68-08/15/96	29	20.	20.669	29.	9.	44.854	6.697	11.	14.5	27.25	29.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/07/72-08/15/96	29	22.	24.224	33.	11.	49.1	7.007	16.	19.5	32.	33.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-08/15/96	24	11150.	11042.5	19500.	4320.	13316915.217	3649.235	6700.	8200.	13150.	16150.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/68-09/14/83	6	12150.	11583.333	15000.	8200.	7113666.667	2667.146	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-08/15/96	29	6.	6.307	10.1	3.8	3.952	1.988	3.9	4.7	8.	9.7
00400p	PH (STANDARD UNITS)	01/15/74-08/15/96	24	6.35	6.475	7.3	5.4	0.309	0.556	5.5	6.3	7.	7.3
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-08/15/96	24	6.347	6.133	7.3	5.4	0.431	0.656	5.5	6.3	7.	7.3
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-08/15/96	24	0.45	0.736	3.981	0.05	1.243	1.115	0.05	0.1	0.501	3.246
00480p	SALINITY - PARTS PER THOUSAND	02/05/74-06/25/91	29	6.9	6.907	13.	3.5	5.639	2.375	4.3	5.	8.45	9.2
82078p	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	09/21/76-05/14/91	24	14.	16.042	40.	5.	76.476	8.745	5.5	9.	22.	28.

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Annual Analysis for 1982 - Station FOPU0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	25	3.	11.16	20.	3.	75.14	8.668	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/20/68-08/15/96	24	19.75	19.938	28.5	9.5	49.42	7.03	9.75	12.	27.	28.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/07/72-08/15/96	24	23.25	20.833	29.	7.5	53.145	7.29	8.25	13.75	27.125	28.5
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-08/15/96	24	6500.	8297.25	22200.	850.	30993557.152	5567.186	1495.	4115.	11975.	17400.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/68-09/14/83	1	3800.	3800.	3800.	3800.	0.	0.	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-08/15/96	24	6.25	6.388	9.4	3.3	3.292	1.814	4.25	4.85	8.4	9.
00400p	PH (STANDARD UNITS)	01/15/74-08/15/96	22	6.45	6.468	7.1	5.9	0.138	0.372	6.	6.175	6.8	7.07
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-08/15/96	22	6.447	6.332	7.1	5.9	0.158	0.397	6.	6.175	6.8	7.07
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-08/15/96	22	0.357	0.465	1.259	0.079	0.124	0.352	0.086	0.158	0.672	1.
00480p	SALINITY - PARTS PER THOUSAND	02/05/74-06/25/91	24	4.1	5.067	13.	0.4	11.412	3.378	0.8	2.95	7.725	10.85
82078p	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	09/21/76-05/14/91	24	21.5	24.542	80.	6.	297.563	17.25	6.5	11.25	30.75	50.

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Annual Analysis for 1983 - Station FOPU0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	27	3.	10.556	20.	3.	74.103	8.608	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/20/68-08/15/96	27	20.5	19.889	29.	7.5	57.449	7.579	8.	13.5	28.	29.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/07/72-08/15/96	27	22.	20.37	35.	5.5	80.127	8.951	6.7	15.	26.	35.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-08/15/96	24	5950.	6338.75	15200.	720.	14220333.152	3770.986	1560.	3375.	8925.	12000.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/68-09/14/83	4	5350.	4380.	6100.	720.	6280266.667	2506.046	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-08/15/96	27	6.5	6.696	9.7	4.4	3.54	1.881	4.48	5.	9.1	9.44
00400p	PH (STANDARD UNITS)	01/15/74-08/15/96	25	6.4	6.596	7.4	5.9	0.19	0.435	6.12	6.25	6.95	7.22
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-08/15/96	25	6.4	6.419	7.4	5.9	0.222	0.471	6.12	6.25	6.95	7.22

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Annual Analysis for 1983 - Station FOPU0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-08/15/96	25	0.398	0.381	1.259	0.04	0.1	0.315	0.064	0.113	0.566	0.779
00480p	SALINITY - PARTS PER THOUSAND	02/05/74-06/25/91	27	3.1	3.563	9.2	0.1	6.703	2.589	0.1	2.	6.2	7.52
82078p	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	09/21/76-05/14/91	24	13.	13.75	24.	6.	24.37	4.937	7.	10.25	16.75	22.

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Annual Analysis for 1984 - Station FOPU0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	22	11.5	11.5	20.	3.	75.69	8.7	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/20/68-08/15/96	22	22.1	19.759	28.	7.5	45.88	6.773	8.6	13.375	26.	27.35
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/07/72-08/15/96	22	18.05	21.05	32.	11.	42.231	6.499	12.35	16.5	28.	31.1
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-08/15/96	20	5750.	5498.35	13000.	305.	12171895.503	3488.824	399.8	2525.	7925.	9890.
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-08/15/96	22	6.1	6.609	10.9	4.6	3.687	1.92	4.7	4.8	7.875	9.95
00400p	PH (STANDARD UNITS)	01/15/74-08/15/96	18	6.85	6.872	7.4	6.2	0.069	0.263	6.56	6.775	7.	7.31
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-08/15/96	18	6.847	6.79	7.4	6.2	0.076	0.276	6.56	6.775	7.	7.31
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-08/15/96	18	0.142	0.162	0.631	0.04	0.016	0.128	0.049	0.1	0.169	0.289
00480p	SALINITY - PARTS PER THOUSAND	02/05/74-06/25/91	20	3.4	3.25	8.	0.	4.867	2.206	0.06	1.2	4.8	6.8
82078p	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	09/21/76-05/14/91	20	18.	20.05	58.	6.	157.629	12.555	6.2	12.25	23.25	40.3

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

Annual Analysis for 1985 - Station FOPU0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	19	3.	8.474	20.	0.	83.263	9.125	0.	0.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/20/68-08/15/96	14	14.5	15.071	24.5	7.	35.148	5.929	7.5	8.	19.625	24.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/07/72-08/15/96	15	13.	14.8	25.	6.	55.279	7.435	6.	7.	23.	25.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-08/15/96	16	6400.	8470.625	16200.	3130.	21945872.917	4684.642	3354.	4300.	14025.	15220.
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-08/15/96	14	8.35	7.829	10.1	5.4	2.919	1.709	5.4	5.9	9.35	9.95
00400p	PH (STANDARD UNITS)	01/15/74-08/15/96	12	6.75	6.783	7.3	6.4	0.078	0.279	6.43	6.6	6.875	7.3
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-08/15/96	12	6.747	6.714	7.3	6.4	0.083	0.288	6.43	6.6	6.875	7.3
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-08/15/96	12	0.179	0.193	0.398	0.05	0.01	0.101	0.05	0.134	0.251	0.374
00480p	SALINITY - PARTS PER THOUSAND	02/05/74-06/25/91	14	5.3	6.143	10.5	2.3	8.095	2.845	2.4	3.8	8.9	10.05
82078p	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	09/21/76-05/14/91	15	14.	13.533	21.	6.	21.267	4.612	6.6	9.	17.	19.8

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

Annual Analysis for 1986 - Station FOPU0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	25	20.	11.84	20.	3.	75.14	8.668	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/20/68-08/15/96	22	21.75	20.523	29.	7.	49.202	7.014	8.35	14.	26.75	28.85
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/07/72-08/15/96	20	25.	20.95	29.	3.	76.182	8.728	3.75	12.5	27.	28.95
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-08/15/96	24	9225.	9691.25	15600.	4380.	13854820.109	3722.206	4640.	5750.	12800.	15450.
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-08/15/96	24	5.65	6.071	9.5	3.3	3.14	1.772	4.25	4.8	7.875	8.9
00400p	PH (STANDARD UNITS)	01/15/74-08/15/96	23	6.8	6.913	7.3	6.7	0.031	0.177	6.74	6.8	7.	7.26
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-08/15/96	23	6.8	6.883	7.3	6.7	0.032	0.179	6.74	6.8	7.	7.26
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-08/15/96	23	0.158	0.131	0.2	0.05	0.002	0.044	0.055	0.1	0.158	0.183
00480p	SALINITY - PARTS PER THOUSAND	02/05/74-06/25/91	24	6.05	6.008	10.2	1.4	6.21	2.492	2.5	3.75	7.7	9.75
82078p	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	09/21/76-05/14/91	23	12.	15.087	41.	6.	83.083	9.115	7.8	9.	15.	34.4

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

Annual Analysis for 1987 - Station FOPU0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	23	20.	11.87	20.	3.	75.391	8.683	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/20/68-08/15/96	23	19.	18.991	30.	8.	52.07	7.216	9.28	13.5	27.	29.3
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/07/72-08/15/96	23	17.	18.87	31.	5.	59.755	7.73	7.8	12.	26.	30.2
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-08/15/96	23	10200.	8600.435	12900.	2400.	12784204.348	3575.501	2876.	5200.	11700.	12460.
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-08/15/96	23	6.7	6.852	9.5	5.1	1.953	1.397	5.14	5.5	8.	9.1
00400p	PH (STANDARD UNITS)	01/15/74-08/15/96	23	6.5	6.491	6.8	5.5	0.118	0.344	5.84	6.4	6.7	6.8
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-08/15/96	23	6.5	6.294	6.8	5.5	0.159	0.398	5.84	6.4	6.7	6.8
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-08/15/96	23	0.316	0.508	3.162	0.158	0.565	0.751	0.158	0.2	0.398	1.76
00480p	SALINITY - PARTS PER THOUSAND	02/05/74-06/25/91	23	6.2	5.722	9.8	1.9	6.045	2.459	2.2	3.8	7.8	8.86
82078p	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	09/21/76-05/14/91	23	12.	12.696	27.	4.	37.403	6.116	4.4	8.	15.	22.8

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

Annual Analysis for 1988 - Station FOPU0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	24	11.5	11.5	20.	3.	75.391	8.683	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/20/68-08/15/96	24	22.2	19.938	30.1	8.2	61.294	7.829	9.15	10.675	27.25	28.85
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/07/72-08/15/96	24	21.	19.042	31.	1.	64.237	8.015	4.75	14.375	23.75	29.25
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-08/15/96	24	11535.	11428.333	17800.	4530.	10090571.014	3176.566	6845.	9255.	13525.	15800.
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-08/15/96	24	6.15	6.75	11.	3.5	6.937	2.634	3.5	4.5	9.65	10.7
00400p	PH (STANDARD UNITS)	01/15/74-08/15/96	24	6.8	6.774	7.2	6.5	0.043	0.207	6.505	6.6	6.99	7.05
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-08/15/96	24	6.8	6.73	7.2	6.5	0.045	0.212	6.505	6.6	6.99	7.05
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-08/15/96	24	0.158	0.186	0.316	0.063	0.006	0.08	0.09	0.102	0.251	0.313
00480p	SALINITY - PARTS PER THOUSAND	02/05/74-06/25/91	24	7.45	7.313	10.8	2.8	5.319	2.306	3.9	5.725	9.275	10.3
82078p	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	09/21/76-05/14/91	24	7.	9.042	41.	4.	53.955	7.345	4.5	6.	10.	14.

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

Annual Analysis for 1989 - Station FOPU0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	25	20.	11.84	20.	3.	75.14	8.668	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/20/68-08/15/96	24	19.9	19.854	29.5	11.2	42.403	6.512	11.35	13.2	26.625	29.25
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/07/72-08/15/96	22	22.	20.995	31.	10.5	35.744	5.979	10.95	17.5	24.5	30.1
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-08/15/96	24	12895.	12446.667	19600.	5900.	14235544.928	3773.002	6975.	9387.5	14545.	18700.
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-08/15/96	23	6.8	6.987	9.5	4.4	2.956	1.719	4.62	5.2	8.9	9.16
00400p	PH (STANDARD UNITS)	01/15/74-08/15/96	24	6.7	6.671	7.1	5.9	0.1	0.317	6.2	6.5	6.9	7.1
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-08/15/96	24	6.7	6.543	7.1	5.9	0.117	0.343	6.2	6.5	6.9	7.1
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-08/15/96	24	0.2	0.286	1.259	0.079	0.079	0.281	0.079	0.126	0.316	0.699
00480p	SALINITY - PARTS PER THOUSAND	02/05/74-06/25/91	24	7.05	6.854	11.4	3.	5.603	2.367	3.4	4.95	8.075	10.85
82078p	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	09/21/76-05/14/91	24	12.5	13.667	32.	6.	37.188	6.098	7.	9.25	17.25	22.

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Annual Analysis for 1990 - Station FOPU0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	24	11.5	11.5	20.	3.	75.391	8.683	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/20/68-08/15/96	24	21.45	20.208	28.6	8.6	43.42	6.589	10.9	14.	26.75	28.6
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/07/72-08/15/96	24	23.	20.158	34.	3.3	66.352	8.146	7.2	14.25	25.	30.5
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-08/15/96	24	6895.	7116.833	18700.	104.	27050256.406	5200.986	580.	2067.5	10652.5	14750.
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-08/15/96	23	6.6	6.691	10.5	3.2	3.03	1.741	4.62	5.4	8.1	9.58

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Annual Analysis for 1990 - Station FOPU0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400p	PH (STANDARD UNITS)	01/15/74-08/15/96	23	6.8	6.805	7.2	6.41	0.045	0.211	6.5	6.7	7.	7.1
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-08/15/96	23	6.8	6.756	7.2	6.41	0.047	0.217	6.5	6.7	7.	7.1
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-08/15/96	23	0.158	0.175	0.389	0.063	0.008	0.087	0.079	0.1	0.2	0.316
00480p	SALINITY - PARTS PER THOUSAND	02/05/74-06/25/91	24	3.2	3.613	11.	0.	9.688	3.113	0.	0.55	5.575	8.3
82078p	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	09/21/76-05/14/91	20	13.	15.3	57.	8.	108.958	10.438	8.1	10.25	16.75	20.7

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

Annual Analysis for 1991 - Station FOPU0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	18	3.	8.667	20.	3.	68.	8.246	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/20/68-08/15/96	18	17.8	19.522	28.2	12.8	31.182	5.584	13.16	14.35	25.75	27.3
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/07/72-08/15/96	18	18.25	19.778	31.	9.	44.212	6.649	12.6	15.	25.25	29.65
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-08/15/96	18	6195.	7216.222	16100.	531.	35912969.712	5992.743	1003.5	1295.	14875.	15740.
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-08/15/96	18	6.	6.283	8.8	5.1	1.481	1.217	5.19	5.4	6.425	8.8
00400p	PH (STANDARD UNITS)	01/15/74-08/15/96	17	6.96	6.982	7.8	6.5	0.136	0.368	6.5	6.65	7.25	7.48
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-08/15/96	17	6.96	6.854	7.8	6.5	0.153	0.391	6.5	6.65	7.25	7.48
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-08/15/96	17	0.11	0.14	0.316	0.016	0.011	0.103	0.035	0.057	0.225	0.316
00480p	SALINITY - PARTS PER THOUSAND	02/05/74-06/25/91	12	1.65	2.317	6.4	0.	5.84	2.417	0.03	0.3	4.45	6.31
82078p	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	09/21/76-05/14/91	10	13.5	17.	33.	11.	54.222	7.364	11.1	12.	21.	32.4

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

Annual Analysis for 1992 - Station FOPU0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	12	3.	3.	3.	3.	0.	0.	3.	3.	3.	3.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/20/68-08/15/96	12	18.75	19.267	28.1	9.7	46.506	6.82	9.97	12.15	25.85	27.83
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/07/72-08/15/96	11	20.	18.727	31.	5.	79.418	8.912	5.4	10.	27.	30.6
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-08/15/96	12	8825.	8095.917	13210.	509.	19070062.265	4366.928	1256.9	3575.	12082.5	12931.
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-08/15/96	12	6.4	6.833	9.6	4.9	3.119	1.766	4.93	5.1	8.45	9.51
00400p	PH (STANDARD UNITS)	01/15/74-08/15/96	10	7.1	7.058	7.6	6.2	0.162	0.402	6.25	6.85	7.335	7.59
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-08/15/96	10	7.1	6.858	7.6	6.2	0.206	0.454	6.25	6.85	7.335	7.59
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-08/15/96	10	0.079	0.139	0.631	0.025	0.032	0.18	0.026	0.047	0.144	0.588

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

Annual Analysis for 1993 - Station FOPU0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	11	3.	3.	3.	3.	0.	0.	3.	3.	3.	3.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/20/68-08/15/96	11	17.4	19.727	29.3	10.8	52.862	7.271	10.96	12.6	27.6	29.06
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/07/72-08/15/96	10	15.	17.61	30.	10.	52.599	7.253	10.01	10.4	25.125	29.55
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-08/15/96	10	5460.	6152.8	15700.	90.	33884060.4	5821.002	107.9	659.75	11185.	15517.
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-08/15/96	11	6.4	6.291	9.4	3.7	3.283	1.812	3.84	4.8	7.8	9.1
00400p	PH (STANDARD UNITS)	01/15/74-08/15/96	11	7.4	7.436	7.6	7.3	0.017	0.129	7.3	7.3	7.6	7.6
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-08/15/96	11	7.4	7.419	7.6	7.3	0.017	0.13	7.3	7.3	7.6	7.6
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-08/15/96	11	0.04	0.038	0.05	0.025	0.	0.011	0.025	0.025	0.05	0.05

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

Annual Analysis for 1994 - Station FOPU0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	12	3.	2.5	3.	0.	1.364	1.168	0.	3.	3.	3.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/20/68-08/15/96	12	18.75	19.508	27.3	9.5	38.986	6.244	9.74	14.6	25.7	27.3
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/07/72-08/15/96	12	21.	18.592	27.	0.	64.11	8.007	2.1	14.75	24.5	26.4
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-08/15/96	12	3485.	5756.25	14150.	342.	24126437.841	4911.867	633.	1327.	9900.	13616.
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-08/15/96	12	5.8	6.142	9.	4.5	2.479	1.574	4.5	4.825	7.4	8.76
00400p	PH (STANDARD UNITS)	01/15/74-08/15/96	11	7.2	7.204	7.86	6.7	0.131	0.362	6.72	6.8	7.38	7.828
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-08/15/96	11	7.2	7.082	7.86	6.7	0.147	0.383	6.72	6.8	7.38	7.828
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-08/15/96	11	0.063	0.083	0.2	0.014	0.004	0.061	0.015	0.042	0.158	0.191

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

Annual Analysis for 1995 - Station FOPU0080

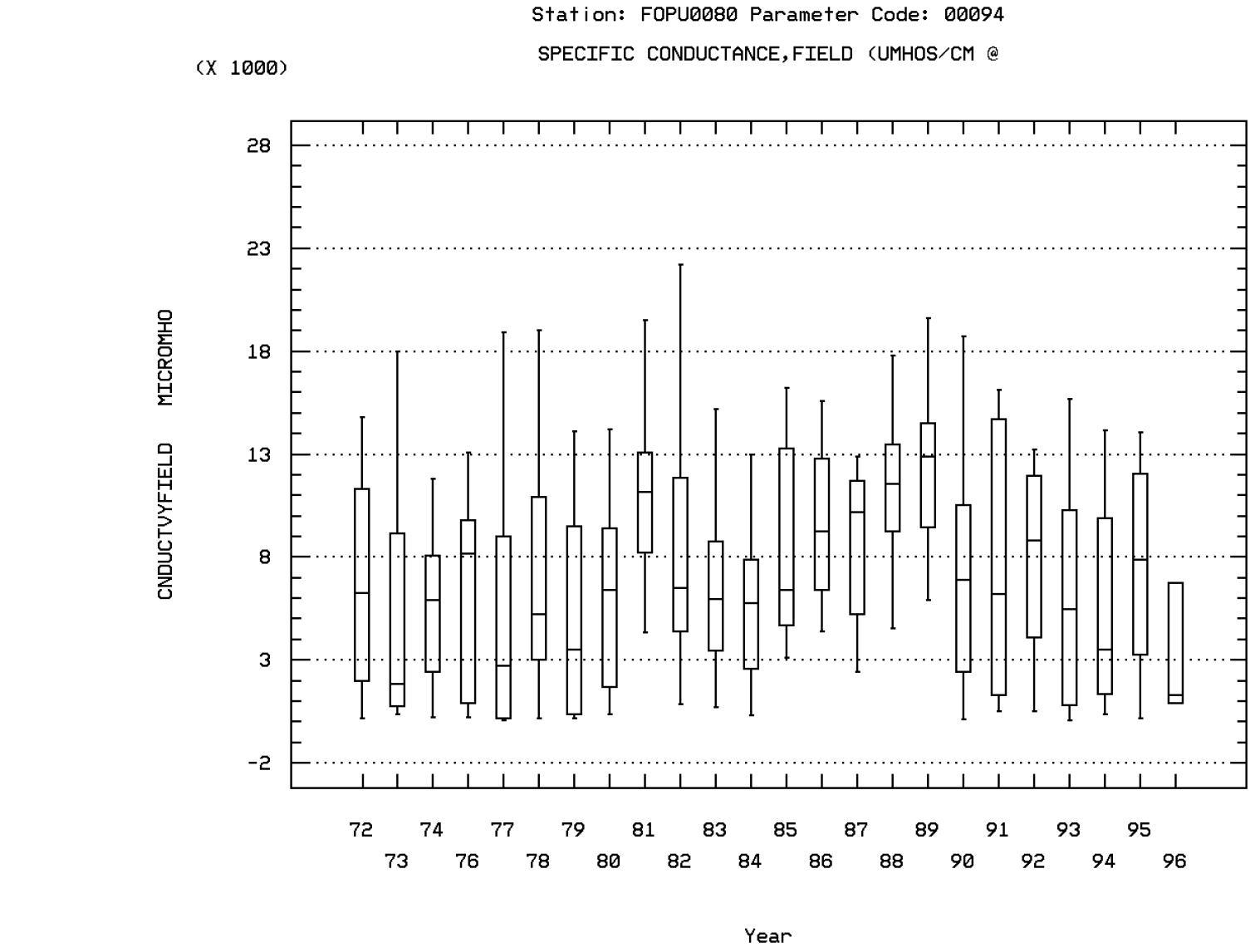
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	9	3.	2.333	3.	0.	1.75	1.323	0.	1.5	3.	3.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/20/68-08/15/96	8	23.75	22.513	29.8	10.8	40.613	6.373	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/07/72-08/15/96	8	21.	21.5	27.	10.	31.143	5.581	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-08/15/96	8	7855.	7577.	14070.	166.	26737860.571	5170.867	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-08/15/96	8	3.75	3.875	5.9	1.8	1.756	1.325	**	**	**	**
00400p	PH (STANDARD UNITS)	01/15/74-08/15/96	8	7.36	7.4	7.95	7.05	0.09	0.3	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-08/15/96	8	7.335	7.322	7.95	7.05	0.097	0.312	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-08/15/96	8	0.046	0.048	0.089	0.011	0.001	0.027	**	**	**	**

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

Annual Analysis for 1996 - Station FOPU0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	4	1.5	1.5	3.	0.	3.	1.732	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/20/68-08/15/96	3	14.5	16.367	26.9	7.7	94.773	9.735	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/07/72-08/15/96	3	22.	20.333	35.	4.	242.333	15.567	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-08/15/96	3	1290.	2983.333	6750.	910.	10676933.333	3267.558	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-08/15/96	3	6.9	7.133	9.4	5.1	4.663	2.159	**	**	**	**
00400p	PH (STANDARD UNITS)	01/15/74-08/15/96	3	7.3	7.627	8.38	7.2	0.428	0.654	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-08/15/96	3	7.3	7.408	8.38	7.2	0.5	0.707	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-08/15/96	3	0.05	0.039	0.063	0.004	0.001	0.031	**	**	**	**

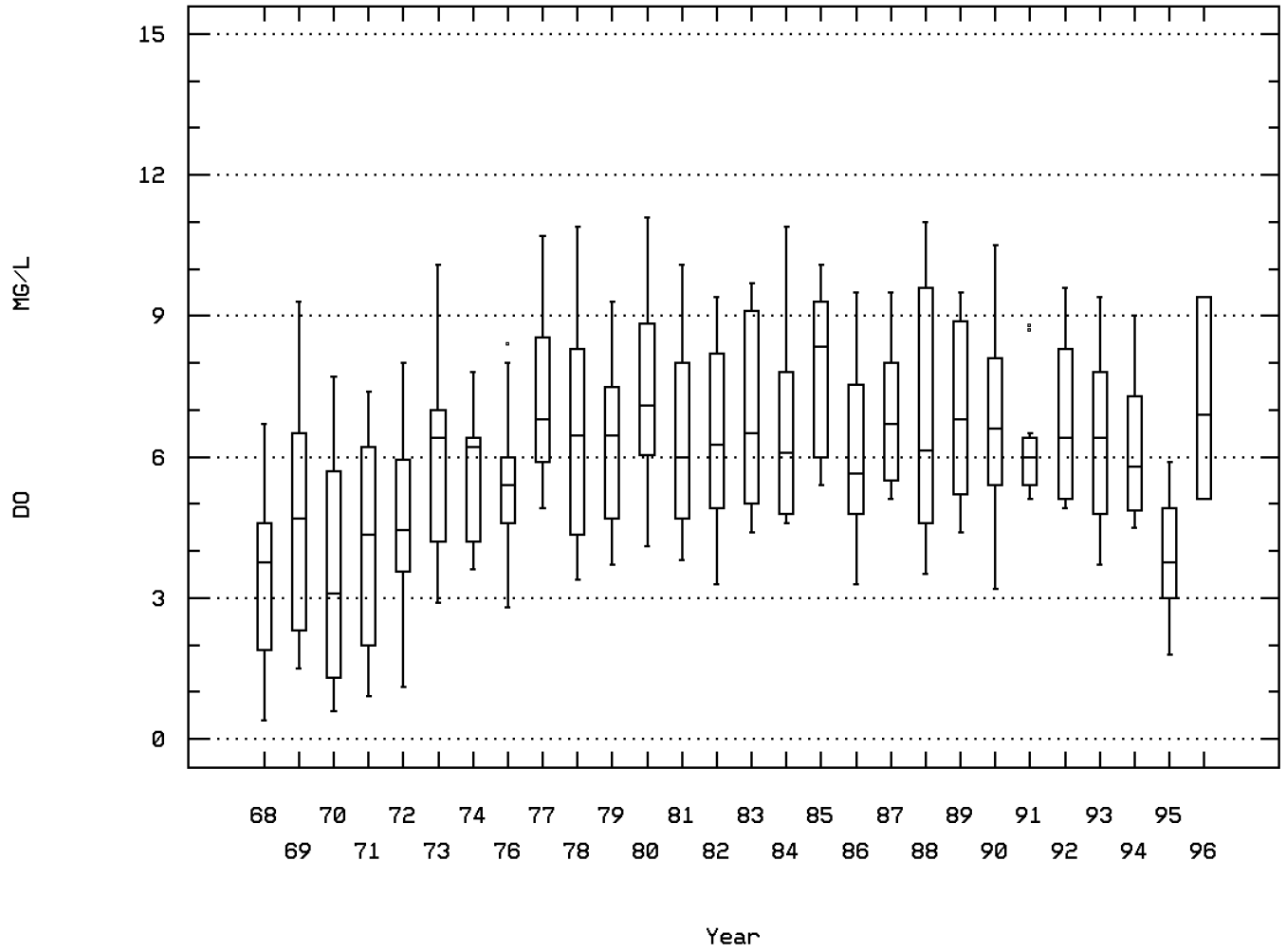
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SAVANNAH RIVER - SAVANNAH CITY HALL

Station: FOPU0080 Parameter Code: 00300

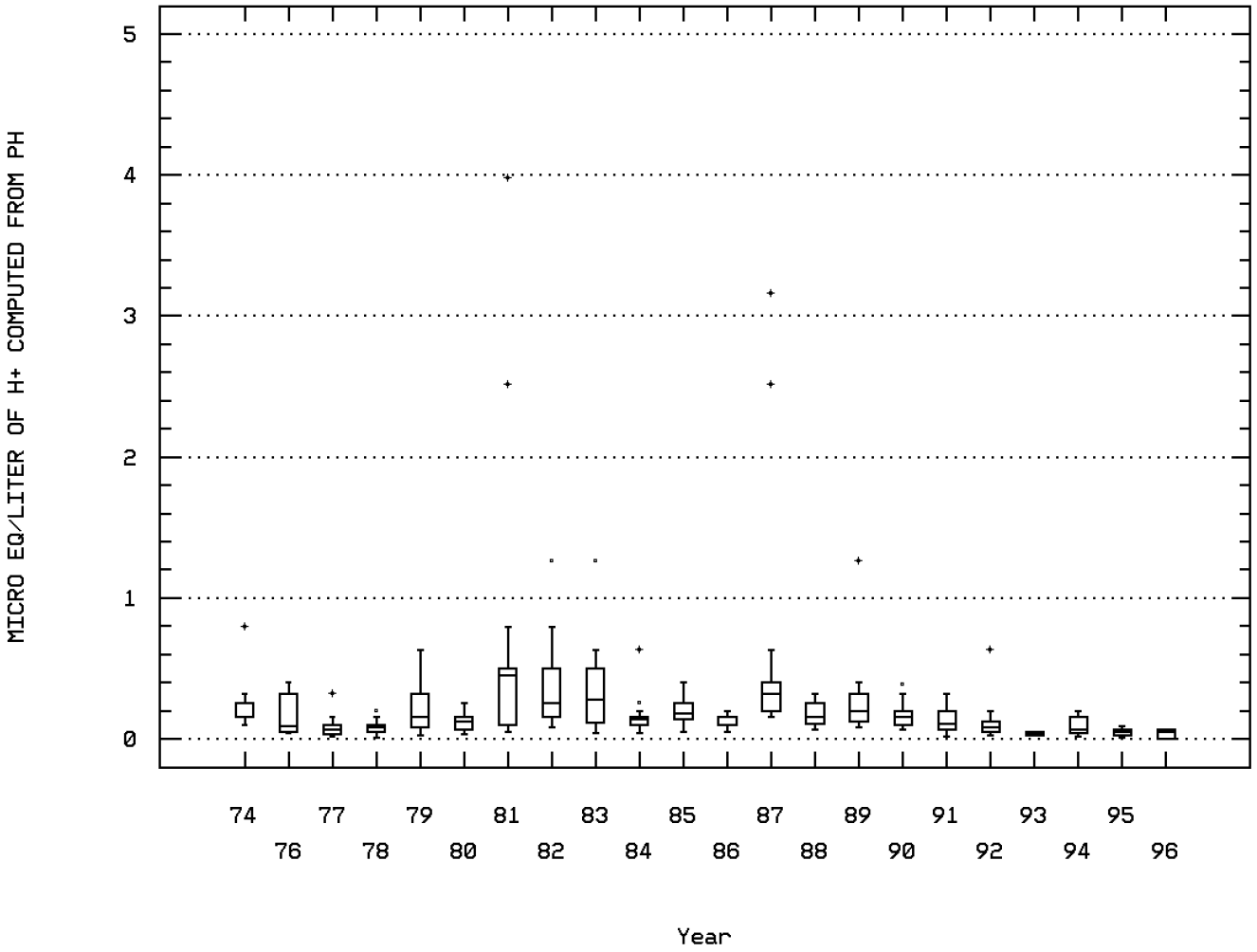
OXYGEN, DISSOLVED



SAVANNAH RIVER - SAVANNAH CITY HALL

Station: FOPU0080 Parameter Code: 00400

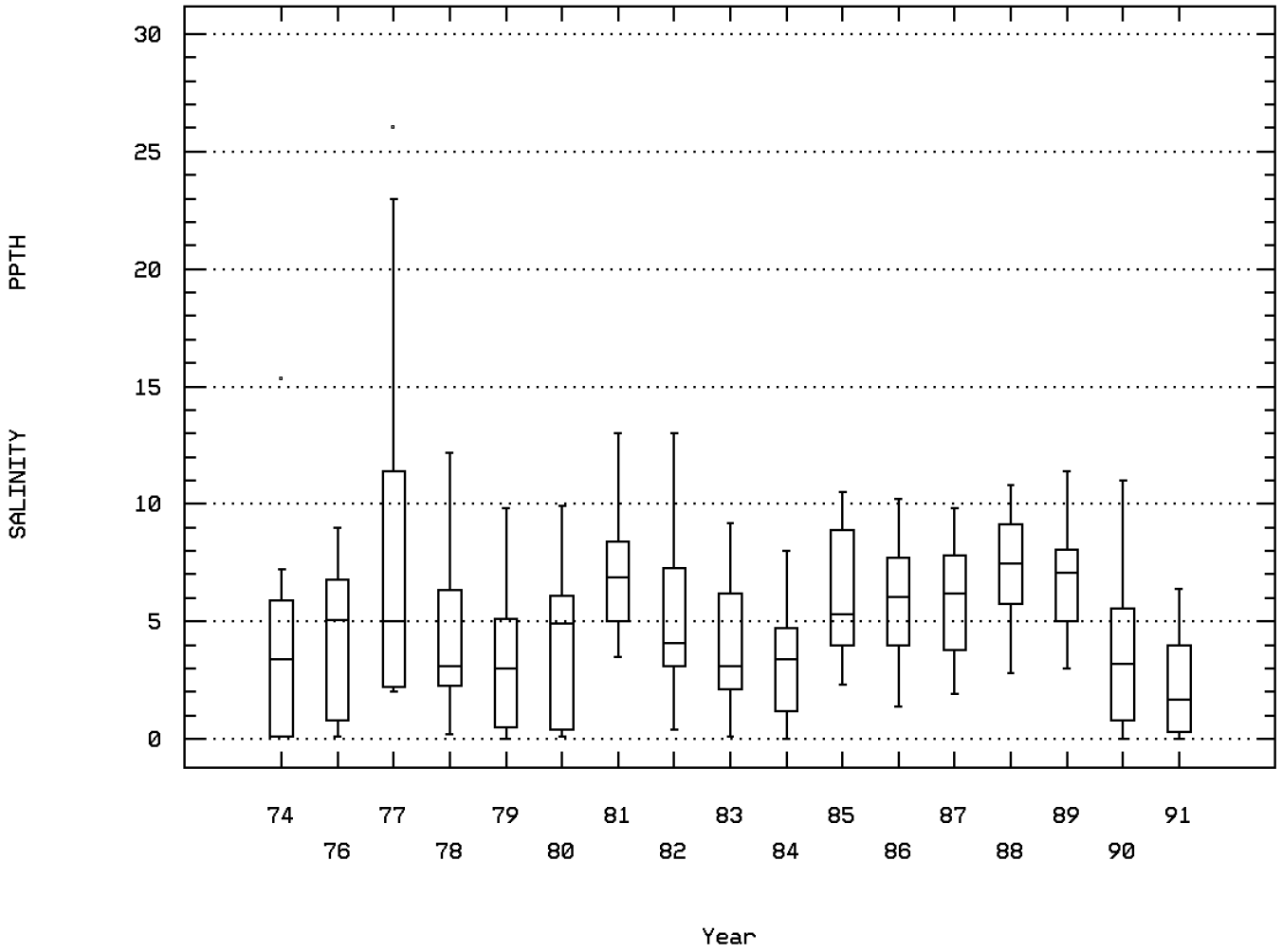
MICRO EQ/LITER OF H+ COMPUTED FROM PH



SAVANNAH RIVER - SAVANNAH CITY HALL

Station: FOPU0080 Parameter Code: 00480

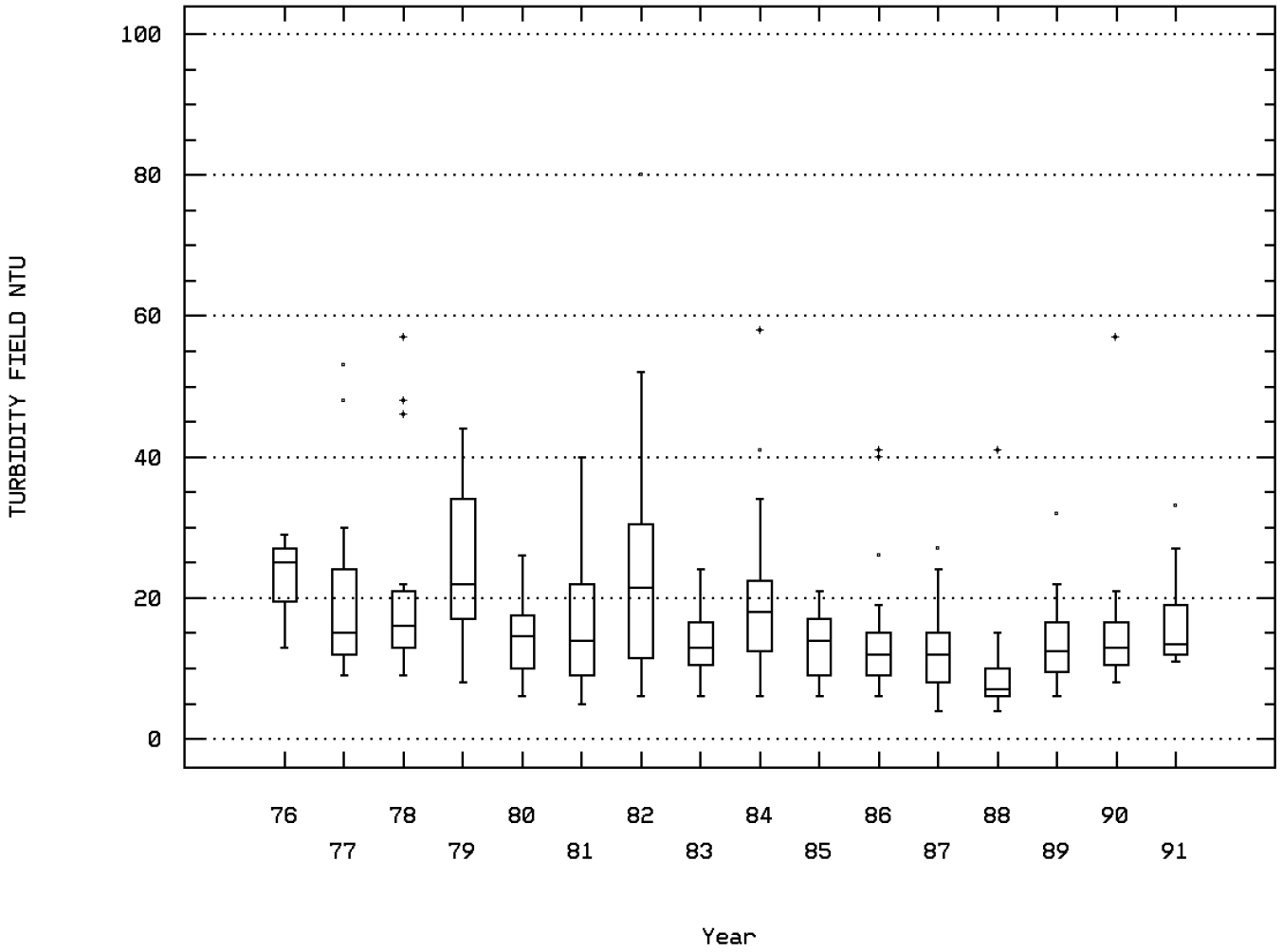
SALINITY - PARTS PER THOUSAND



SAVANNAH RIVER - SAVANNAH CITY HALL

Station: FOPU0080 Parameter Code: 82078

TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY



SAVANNAH RIVER - SAVANNAH CITY HALL

Seasonal Analysis for Season #1: 6/01 to 11/14 - Station FOPU0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	263	3.	10.323	20.	0.	72.052	8.488	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/20/68-08/15/96	272	26.1	25.331	31.	14.	12.437	3.527	19.5	23.5	28.	29.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/07/72-08/15/96	205	26.	25.723	38.	6.5	28.01	5.292	19.	23.	29.	32.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-08/15/96	195	9700.	9957.544	22200.	200.	18790957.023	4334.854	4360.	6820.	13000.	15500.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/68-09/14/83	68	5850.	6518.529	19000.	350.	16088167.954	4011.006	1795.	3925.	8875.	13020.
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-08/15/96	272	4.8	4.56	8.	0.4	2.419	1.555	2.	3.7	5.6	6.4
00310	BOD, 5 DAY, 20 DEG C MG/L	03/20/68-08/19/76	77	1.2	1.381	4.4	0.2	0.657	0.811	0.5	0.8	1.95	2.5
00400	PH (STANDARD UNITS)	01/15/74-08/15/96	187	6.8	6.826	7.86	5.4	0.156	0.395	6.3	6.6	7.1	7.3
00400	CONVERTED PH (STANDARD UNITS)	01/15/74-08/15/96	187	6.8	6.6	7.86	5.4	0.208	0.456	6.3	6.6	7.1	7.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-08/15/96	187	0.158	0.251	3.981	0.014	0.213	0.462	0.05	0.079	0.251	0.501
00403	PH, LAB, STANDARD UNITS SU	02/15/68-08/19/76	75	6.9	6.98	8.1	6.1	0.126	0.356	6.6	6.8	7.2	7.5
00403	CONVERTED PH, LAB, STANDARD UNITS	02/15/68-08/19/76	75	6.9	6.845	8.1	6.1	0.145	0.381	6.6	6.8	7.2	7.5
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/15/68-08/19/76	75	0.126	0.143	0.794	0.008	0.018	0.134	0.032	0.063	0.158	0.251
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/21/68-08/19/76	72	34.	35.958	75.	22.	92.576	9.622	25.3	30.	41.75	45.7
00480	SALINITY - PARTS PER THOUSAND	02/05/74-06/25/91	159	5.5	5.957	13.	0.1	7.386	2.718	2.6	4.	8.	9.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/15/68-08/19/76	68	44.5	50.191	176.	3.	1266.097	35.582	8.9	27.25	66.75	101.1
00940	CHLORIDE,TOTAL IN WATER MG/L	02/15/68-08/19/76	74	1800.	2176.459	6900.	37.	2311167.238	1520.252	387.5	975.	3300.	4250.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-08/19/76	42	4300.	21872.857	230000.	15.	2259414883.101	47533.303	930.	2300.	16250.	43000.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-08/19/76	42	3.633	3.732	5.362	1.176	0.69	0.831	2.968	3.362	4.207	4.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5391.999								
82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	09/21/76-05/14/91	144	12.	14.556	52.	5.	67.605	8.222	7.	9.	18.	23.5

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

Seasonal Analysis for Season #2: 11/15 to 3/31 - Station FOPU0080

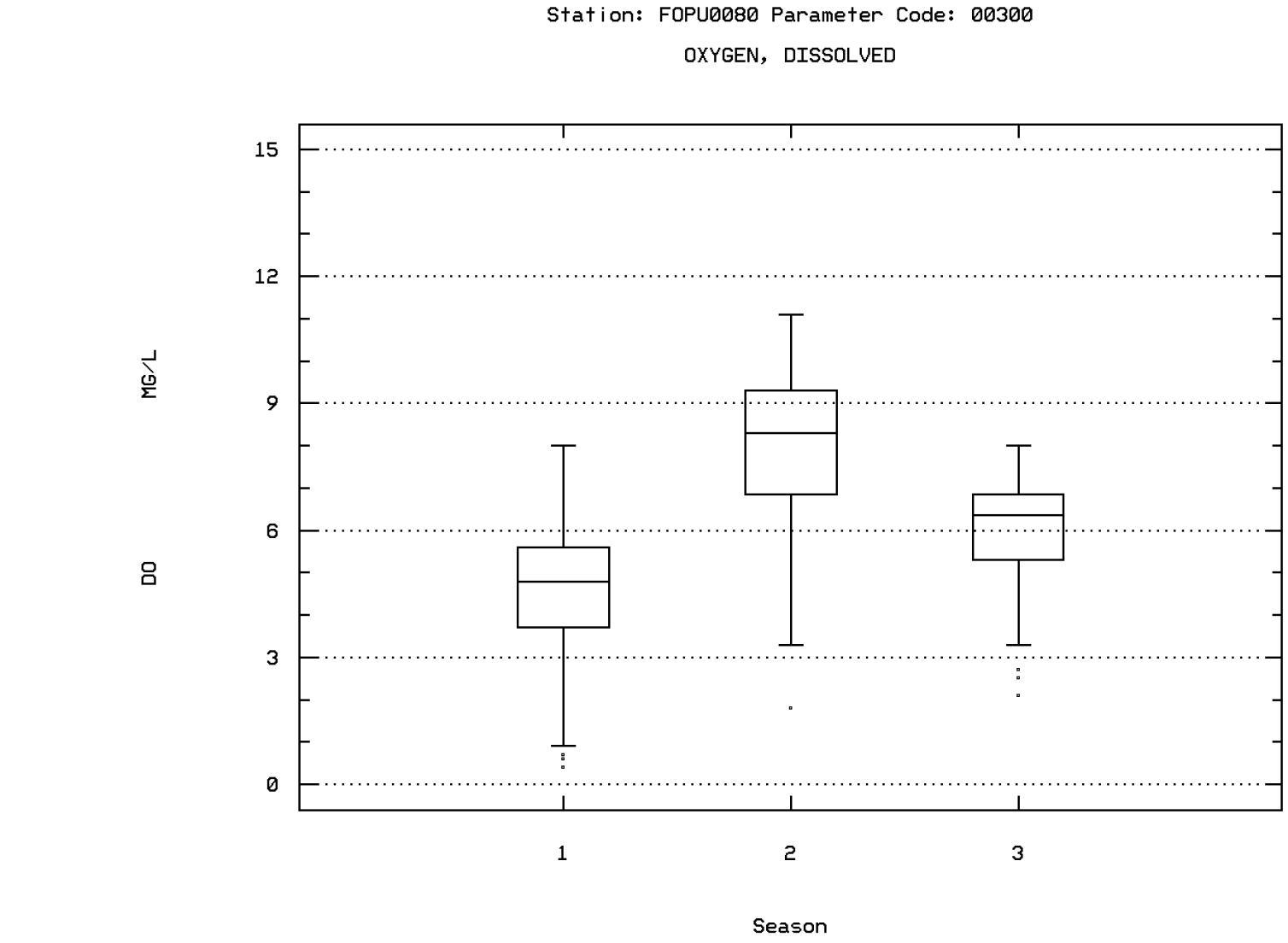
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	193	3.	10.57	20.	0.	73.632	8.581	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/20/68-08/15/96	192	12.55	12.219	19.9	5.8	9.694	3.114	8.	10.	14.	16.44
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/07/72-08/15/96	146	12.	12.594	25.	0.	32.941	5.739	5.	8.875	17.	20.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-08/15/96	156	4950.	5781.141	18800.	90.	20357772.703	4511.959	351.	1450.	9675.	12277.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/68-09/14/83	37	4100.	5822.622	29000.	94.	33571309.742	5794.075	228.4	2525.	7050.	11780.
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-08/15/96	196	8.3	8.052	11.1	1.8	2.838	1.685	5.8	6.825	9.3	10.13
00310	BOD, 5 DAY, 20 DEG C MG/L	03/20/68-08/19/76	47	1.6	1.577	3.8	0.4	0.551	0.743	0.58	1.	2.1	2.44
00400	PH (STANDARD UNITS)	01/15/74-08/15/96	144	6.85	6.893	8.38	5.5	0.211	0.459	6.3	6.6	7.275	7.5
00400	CONVERTED PH (STANDARD UNITS)	01/15/74-08/15/96	144	6.847	6.643	8.38	5.5	0.273	0.523	6.3	6.6	7.275	7.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-08/15/96	144	0.142	0.227	3.162	0.004	0.134	0.366	0.032	0.053	0.251	0.501
00403	PH, LAB, STANDARD UNITS SU	02/15/68-08/19/76	48	7.	7.023	7.5	6.5	0.071	0.266	6.69	6.8	7.2	7.41
00403	CONVERTED PH, LAB, STANDARD UNITS	02/15/68-08/19/76	48	7.	6.946	7.5	6.5	0.077	0.277	6.69	6.8	7.2	7.41
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/15/68-08/19/76	48	0.1	0.113	0.316	0.032	0.005	0.068	0.039	0.063	0.158	0.205
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/21/68-08/19/76	42	32.5	36.071	90.	13.	312.019	17.664	18.	21.	45.5	57.
00480	SALINITY - PARTS PER THOUSAND	02/05/74-06/25/91	129	3.7	4.634	26.	0.	16.774	4.096	0.2	2.	7.	8.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/15/68-08/19/76	47	47.	71.702	250.	18.	3801.257	61.654	19.8	32.	92.	179.2
00940	CHLORIDE,TOTAL IN WATER MG/L	02/15/68-08/19/76	49	1350.	1858.367	9800.	31.	3235292.529	1798.692	100.	675.	2637.5	3900.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-08/19/76	28	7700.	23263.214	230000.	170.	3139306600.397	56029.515	906.	2475.	13975.	41700.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-08/19/76	28	3.886	3.814	5.362	2.23	0.441	0.664	2.956	3.393	4.141	4.458
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6512.454								
82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	09/21/76-05/14/91	124	15.	18.008	80.	4.	138.642	11.775	6.5	10.25	22.	33.

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

Seasonal Analysis for Season #3: 4/01 to 5/31 - Station FOPU0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	83	3.	10.952	20.	0.	73.559	8.577	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/20/68-08/15/96	88	19.9	20.425	27.2	13.5	7.839	2.8	17.5	18.55	22.175	24.52
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/07/72-08/15/96	65	22.	21.466	32.	12.	26.591	5.157	14.2	18.25	24.5	31.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-08/15/96	73	4250.	5670.89	19600.	60.	27117890.349	5207.484	211.2	987.5	8250.	13690.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/68-09/14/83	13	5200.	7182.308	21500.	60.	29050302.564	5389.833	1516.	4005.	9600.	17980.
00300p	OXYGEN, DISSOLVED MG/L	02/15/68-08/15/96	88	6.35	5.959	8.	2.1	1.688	1.299	3.89	5.3	6.875	7.31
00310	BOD, 5 DAY, 20 DEG C MG/L	03/20/68-08/19/76	22	1.	1.259	2.7	0.4	0.523	0.724	0.4	0.6	1.825	2.44
00400	PH (STANDARD UNITS)	01/15/74-08/15/96	67	6.8	6.791	7.6	5.9	0.168	0.41	6.2	6.5	7.	7.4
00400	CONVERTED PH (STANDARD UNITS)	01/15/74-08/15/96	67	6.8	6.604	7.6	5.9	0.204	0.451	6.2	6.5	7.	7.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-08/15/96	67	0.158	0.249	1.259	0.025	0.068	0.26	0.04	0.1	0.316	0.631
00403	PH, LAB, STANDARD UNITS SU	02/15/68-08/19/76	20	7.	6.99	7.5	6.6	0.061	0.247	6.7	6.8	7.2	7.38
00403	CONVERTED PH, LAB, STANDARD UNITS	02/15/68-08/19/76	20	7.	6.928	7.5	6.6	0.065	0.255	6.7	6.8	7.2	7.38
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/15/68-08/19/76	20	0.1	0.118	0.251	0.032	0.004	0.062	0.042	0.063	0.158	0.2
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/21/68-08/19/76	20	30.	33.15	80.	15.	187.608	13.697	18.3	24.25	39.	44.8
00480	SALINITY - PARTS PER THOUSAND	02/05/74-06/25/91	58	3.15	3.772	11.4	0.	10.314	3.211	0.09	1.075	5.85	8.9
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/15/68-08/19/76	22	40.	60.955	246.	16.	2745.76	52.4	28.	32.25	65.25	140.6
00940	CHLORIDE,TOTAL IN WATER MG/L	02/15/68-08/19/76	22	1700.	2114.909	8300.	79.	3604114.372	1898.451	240.	900.	2837.5	4805.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-08/19/76	13	7500.	9810.	24000.	800.	76857966.667	8766.868	852.	2250.	19500.	23600.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-08/19/76	13	3.875	3.771	4.38	2.903	0.26	0.51	2.929	3.352	4.283	4.373
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5898.042								
82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	09/21/76-05/14/91	56	16.	20.321	57.	4.	168.586	12.984	8.7	12.	23.75	42.5

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



SAVANNAH RIVER - SAVANNAH CITY HALL

Station Inventory for Station: FOPU0081

NPS Station ID: FOPU0081 LAT/LON: 32.081948/ -80.879726 Agency: 21SC60WQ Date Created: / /
Location: BLOODY POINT AT MUNGEN CREEK FIPS State/County: 45013 SOUTH CAROLINA/BEAUFORT
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): 19-05
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03050208 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: SAVANNAH-SALKEHATCHIE ECO Region:
RF1 Index: 03050208 RF1 Mile Point: 0.000 Distance from RF1: 16.40 On/Off RF1:
RF3 Index: 03050208353505.32 RF3 Mile Point: 6.90 Distance from RF3: 0.18 On/Off RF3:
Description:
SHELLFISH DIVISION S C DEPT OF HEALTH AND ENVIRONMENTAL CONTROL BLOODY POINT

Parameter Inventory for Station: FOPU0081

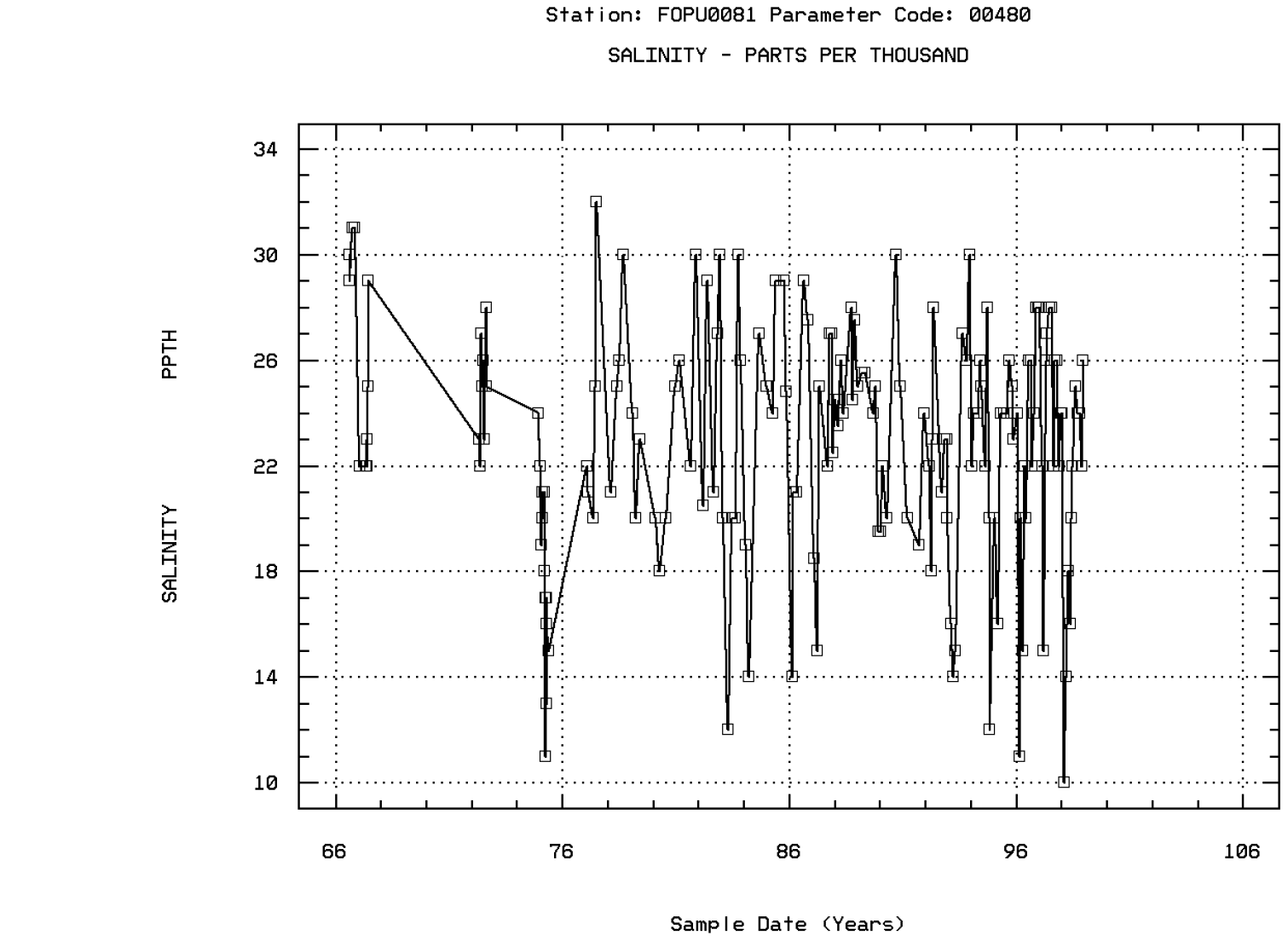
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	170	21.	20.441	32.	4.	44.839	6.696	11.	15.	26.25	29.
00016	TEMP. DIFFERENCE BETWEEN SAMPLE AND UPSTREAM PT.	02/12/79-03/09/83	2	13.5	13.5	22.	5.	144.5	12.021	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	170	22.	21.134	37.	1.	71.484	8.455	8.	16.	28.	31.
00480p	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	172	23.75	22.868	32.	10.	20.319	4.508	16.	20.	26.	28.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/08/66-08/26/86	76	79.	225.75	2400.	1.	125426.323	354.156	12.4	33.	337.5	540.6
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/08/66-08/26/86	76	1.898	1.933	3.38	0.	0.446	0.668	1.092	1.519	2.527	2.733
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			85.614								
31520	COLIFORM,TOT,MPN,IN SHELLFISH,CONFIRMED TEST,35C	02/12/79-03/09/83	2	415.	415.	700.	130.	162450.	403.051	**	**	**	**
31520	LOG COLIFORM,TOT,MPN,IN SHELLFISH,CONFIRMED TEST,3	02/12/79-03/09/83	2	2.48	2.48	2.845	2.114	0.267	0.517	**	**	**	**
31520	GM COLIFORM,TOT,MPN,IN SHELLFISH,CONFIRMED TEST,35	GEOMETRIC MEAN =			301.662								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	04/16/90-04/16/90	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	04/16/90-04/16/90	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			1.								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	162	8.	47.852	920.	1.	13442.375	115.941	2.	5.	24.	130.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	162	0.903	1.068	2.964	0.	0.473	0.687	0.301	0.699	1.379	2.114
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.686								
31640	FECAL COLIFORM,MPN,IN SHELLFISH,EC MED,44.5C	02/12/79-03/09/83	2	132.5	132.5	220.	45.	15312.5	123.744	**	**	**	**
31640	LOG FECAL COLIFORM,MPN,IN SHELLFISH,EC MED,44.5C	02/12/79-03/09/83	2	1.998	1.998	2.342	1.653	0.238	0.487	**	**	**	**
31640	GM FECAL COLIFORM,MPN,IN SHELLFISH,EC MED,44.5C	GEOMETRIC MEAN =			99.499								
31749	PLATE COUNT, TOTAL, TPC AGAR, 20C, 48 HRS	02/12/79-03/09/83	2	1275.	1275.	2000.	550.	1051250.	1025.305	**	**	**	**
31749	LOG PLATE COUNT, TOTAL, TPC AGAR, 20C, 48 HRS	02/12/79-03/09/83	2	3.021	3.021	3.301	2.74	0.157	0.396	**	**	**	**
31749	GM PLATE COUNT, TOTAL, TPC AGAR, 20C, 48 HRS	GEOMETRIC MEAN =			1048.809								

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

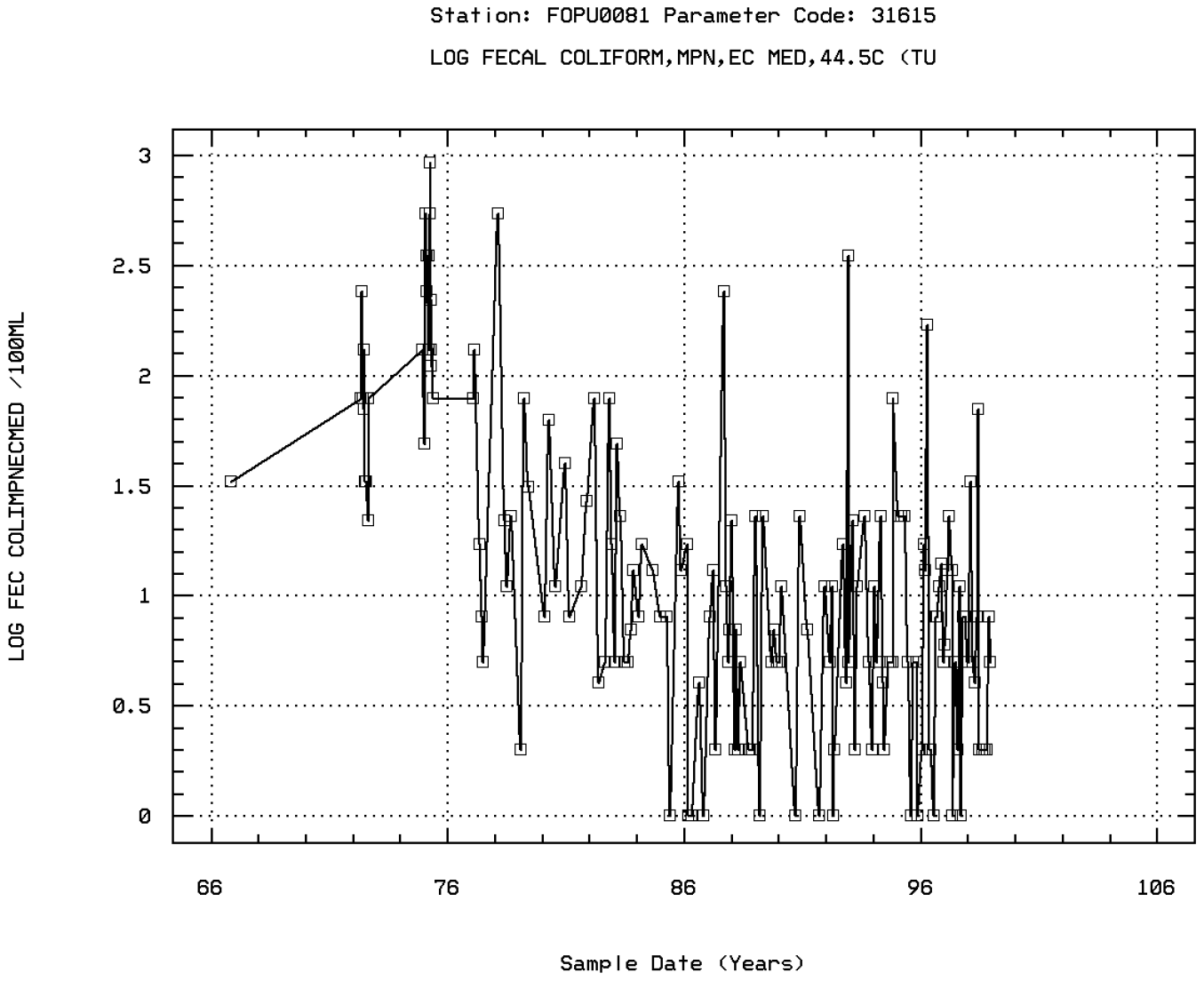
EPA Water Quality Criteria Analysis for Station: FOPU0081

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-11/14 Obs	6/01-11/14 Exceed	6/01-11/14 Prop.	11/15-3/31 Obs	11/15-3/31 Exceed	11/15-3/31 Prop.	4/01-5/31 Obs	4/01-5/31 Exceed	4/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	76	1	0.01	29	0	0.00	26	1	0.04	21	0	0.00			
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	1	0	0.00							1	0	0.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	162	11	0.07	62	1	0.02	65	6	0.09	35	4	0.11			

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



BLOODY POINT AT MUNGEN CREEK



BLOODY POINT AT MUNGEN CREEK

Annual Analysis for 1966 - Station FOPU0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	4	27.5	24.75	28.	16.	34.25	5.852	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	4	30.5	26.25	32.	12.	90.917	9.535	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	4	30.5	30.25	31.	29.	0.917	0.957	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	1	33.	33.	33.	33.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	1	1.519	1.519	1.519	1.519	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			33.								

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

Annual Analysis for 1967 - Station FOPU0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	7	24.	22.286	27.	11.	26.905	5.187	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	7	24.	23.	31.	8.	52.667	7.257	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	7	22.	23.571	29.	22.	6.952	2.637	**	**	**	**

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

Annual Analysis for 1972 - Station FOPU0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	9	25.	26.111	29.	24.	3.611	1.9	24.	24.5	28.	29.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	9	27.	27.111	29.	25.	2.111	1.453	25.	26.	28.5	29.
00480	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	9	25.	24.889	28.	22.	3.861	1.965	22.	23.	26.5	28.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	9	79.	85.	240.	22.	4470.	66.858	22.	33.	104.5	240.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	9	1.898	1.824	2.38	1.342	0.104	0.322	1.342	1.519	2.006	2.38
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			66.605								

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

Annual Analysis for 1974 - Station FOPU0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	1	24.	24.	24.	24.	0.	0.	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	1	130.	130.	130.	130.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	1	2.114	2.114	2.114	2.114	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			130.								

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

Annual Analysis for 1975 - Station FOPU0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	12	16.5	16.75	23.	11.	11.841	3.441	11.6	15.25	17.	23.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	12	21.5	20.5	32.	9.	32.091	5.665	11.1	16.5	23.5	29.9
00480	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	12	17.5	17.5	22.	11.	11.364	3.371	11.6	15.25	20.75	21.7
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	12	230.	304.833	920.	49.	65460.152	255.852	58.	115.	492.5	806.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	12	2.361	2.341	2.964	1.69	0.145	0.38	1.752	2.06	2.685	2.894
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			219.468								

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

Annual Analysis for 1977 - Station FOPU0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	5	25.	19.6	30.	4.	140.3	11.845	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	5	29.	21.6	37.	1.	224.8	14.993	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	5	22.	24.	32.	20.	23.5	4.848	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	5	17.	47.8	130.	5.	3023.7	54.988	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	5	1.23	1.369	2.114	0.699	0.38	0.616	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			23.378								

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Annual Analysis for 1978 - Station FOPU0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	4	29.	23.75	30.	7.	125.583	11.206	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	4	29.5	24.5	32.	7.	139.	11.79	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	4	25.5	25.5	30.	21.	13.667	3.697	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	4	22.5	149.5	542.	11.	68499.	261.723	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	4	1.352	1.62	2.734	1.041	0.573	0.757	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			41.676								

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Annual Analysis for 1979 - Station FOPU0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	3	17.	17.	24.	10.	49.	7.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	3	22.	24.333	33.	18.	60.333	7.767	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	3	23.	22.333	24.	20.	4.333	2.082	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	3	31.	37.333	79.	2.	1512.333	38.889	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	3	1.491	1.23	1.898	0.301	0.689	0.83	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			16.983								

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

Annual Analysis for 1980 - Station FOPU0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	4	16.	17.5	30.	8.	86.333	9.292	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	4	18.	18.	32.	4.	136.667	11.69	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	4	20.	20.75	25.	18.	8.917	2.986	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	4	25.5	30.5	63.	8.	677.667	26.032	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	4	1.322	1.336	1.799	0.903	0.187	0.432	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			21.701								

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Annual Analysis for 1981 - Station FOPU0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	3	24.4	21.8	25.	16.	25.32	5.032	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	3	17.	18.667	28.	11.	74.333	8.622	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	3	26.	26.	30.	22.	16.	4.	**	**	**	**

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Annual Analysis for 1981 - Station FOPU0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	3	11.	15.333	27.	8.	104.333	10.214	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	3	1.041	1.125	1.431	0.903	0.075	0.274	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			13.344								

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

Annual Analysis for 1982 - Station FOPU0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	5	21.	22.	29.	14.	37.	6.083	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	5	24.	22.2	27.	15.	20.7	4.55	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	5	27.	25.5	30.	20.5	20.	4.472	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	5	17.	36.8	79.	4.	1510.2	38.861	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	5	1.23	1.265	1.898	0.602	0.39	0.625	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			18.422								

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

Annual Analysis for 1983 - Station FOPU0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	6	18.5	18.667	25.	11.	23.467	4.844	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	6	20.	19.333	25.	11.	28.667	5.354	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	6	20.	21.333	30.	12.	37.867	6.154	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	7	7.	15.286	49.	5.	264.571	16.266	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	7	0.845	1.015	1.69	0.699	0.152	0.39	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.361								

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

Annual Analysis for 1984 - Station FOPU0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	3	18.	15.	23.	4.	97.	9.849	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	3	19.	15.667	24.	4.	108.333	10.408	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	3	19.	20.	27.	14.	43.	6.557	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	3	13.	12.667	17.	8.	20.333	4.509	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	3	1.114	1.082	1.23	0.903	0.028	0.166	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.092								

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

Annual Analysis for 1985 - Station FOPU0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	3	23.5	23.167	26.	20.	9.083	3.014	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	3	26.	27.	29.	26.	3.	1.732	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	5	25.	26.36	29.	24.	5.948	2.439	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	5	8.	12.6	33.	1.	148.3	12.178	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	5	0.903	0.888	1.519	0.	0.309	0.556	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.722								

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

Annual Analysis for 1986 - Station FOPU0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	5	20.	19.4	30.	13.	49.3	7.021	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	5	19.	20.2	34.	11.	73.7	8.585	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	5	21.	22.5	29.	14.	36.	6.	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	5 ##	1.	4.8	17.	1.	48.2	6.943	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	5 ##	0.	0.367	1.23	0.	0.301	0.549	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.325								

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

Annual Analysis for 1987 - Station FOPU0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	7	17.	17.429	29.	11.	35.952	5.996	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	7	14.	14.143	26.	4.	45.81	6.768	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	7	22.5	22.429	27.	15.	19.869	4.457	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	7	8.	40.857	240.	2.	7724.476	87.889	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	7	0.903	1.041	2.38	0.301	0.42	0.648	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.978								

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

Annual Analysis for 1988 - Station FOPU0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	8	17.5	17.125	25.	8.	42.411	6.512	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	8	16.	16.	22.	5.	26.857	5.182	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	8	24.5	25.313	28.	23.5	2.781	1.668	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	8	2.	5.5	22.	2.	48.	6.928	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	8	0.301	0.549	1.342	0.301	0.15	0.387	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.54								

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

Annual Analysis for 1989 - Station FOPU0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	6	20.5	20.167	29.	12.	42.167	6.494	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	6	18.5	17.833	27.	4.	69.367	8.329	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	6	25.	24.083	25.5	19.5	5.342	2.311	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	6	6.	10.667	23.	1.	95.067	9.75	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	6	0.772	0.828	1.362	0.	0.258	0.508	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.726								

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

Annual Analysis for 1990 - Station FOPU0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	5	18.	18.6	27.	12.	33.3	5.771	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	5	19.	20.6	28.	13.	32.3	5.683	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	5	22.	23.3	30.	19.5	18.7	4.324	**	**	**	**

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

Annual Analysis for 1990 - Station FOPU0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	4	8.	10.	23.	1.	92.	9.592	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	4	0.87	0.776	1.362	0.	0.341	0.584	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.964								

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

Annual Analysis for 1991 - Station FOPU0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	3	18.	19.	27.	12.	57.	7.55	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	3	23.	23.333	27.	20.	12.333	3.512	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	3	20.	21.	24.	19.	7.	2.646	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	3	7.	6.333	11.	1.	25.333	5.033	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	3	0.845	0.629	1.041	0.	0.306	0.553	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.254								

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

Annual Analysis for 1992 - Station FOPU0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	8	18.	18.375	32.	12.	39.982	6.323	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	8	21.	23.	34.	17.	36.	6.	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	8	22.5	22.25	28.	18.	8.5	2.915	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	8	5.	49.375	350.	1.	14782.554	121.584	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	8	0.699	0.89	2.544	0.	0.596	0.772	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.756								

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

Annual Analysis for 1993 - Station FOPU0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	6	15.	18.	30.	10.	74.8	8.649	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	6	24.	21.	30.	7.	91.6	9.571	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	6	21.	21.333	30.	14.	50.267	7.09	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	6	8.	10.833	23.	2.	92.567	9.621	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	6	0.87	0.841	1.362	0.301	0.233	0.483	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.936								

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

Annual Analysis for 1994 - Station FOPU0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	9	23.	23.111	31.	11.	41.111	6.412	11.	19.	28.5	31.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	9	26.	24.444	35.	7.	104.028	10.199	7.	16.5	31.5	35.
00480	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	9	24.	22.556	28.	12.	21.278	4.613	12.	21.	25.5	28.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	9	5.	15.444	79.	2.	608.028	24.658	2.	4.5	17.	79.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	9	0.699	0.889	1.898	0.301	0.23	0.479	0.301	0.651	1.202	1.898
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.742								

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

Annual Analysis for 1995 - Station FOPU0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	8	22.5	22.375	32.	10.	50.554	7.11	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	8	24.	22.	34.	6.	86.857	9.32	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	8	24.	22.75	26.	16.	10.5	3.24	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	8	5.	10.75	23.	1.	105.643	10.278	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	8	0.699	0.773	1.362	0.	0.322	0.567	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.926								

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

Annual Analysis for 1996 - Station FOPU0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	12	20.	20.5	29.	10.	46.455	6.816	10.9	14.	27.5	28.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	12	25.	21.583	32.	2.	86.629	9.307	5.	14.5	29.75	31.7
00480	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	12	23.	22.167	28.	11.	26.333	5.132	12.2	20.	26.	28.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	12	8.	21.083	170.	1.	2227.902	47.201	1.3	2.	13.75	124.1
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	12	0.903	0.848	2.23	0.	0.354	0.595	0.09	0.301	1.138	1.93
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.04								

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

Annual Analysis for 1997 - Station FOPU0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	12	23.	22.75	32.	10.	43.295	6.58	11.2	18.75	28.75	31.4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	12	22.5	19.667	33.	3.	127.333	11.284	3.	7.75	30.75	32.7
00480	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	12	26.	24.5	28.	15.	14.455	3.802	17.1	22.	27.75	28.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	12	7.	8.	23.	1.	40.	6.325	1.	2.75	12.5	20.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	12	0.841	0.743	1.362	0.	0.191	0.437	0.	0.401	1.096	1.287
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.532								

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

Annual Analysis for 1998 - Station FOPU0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	12	24.5	22.417	31.	11.	43.554	6.6	11.9	15.925	27.75	30.4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	12	25.4	21.483	34.	3.	103.094	10.154	4.2	14.25	29.75	33.1
00480	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	12	22.	20.417	26.	10.	24.629	4.963	11.2	16.5	24.	25.7
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	12	5.	12.167	70.	2.	404.333	20.108	2.	2.	8.	58.9
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	12	0.699	0.756	1.845	0.301	0.243	0.493	0.301	0.301	0.903	1.747
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.703								

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

Seasonal Analysis for Season #1: 6/01 to 11/14 - Station FOPU0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	66	27.	26.265	32.	16.	14.056	3.749	20.7	23.875	29.	30.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	66	28.	27.333	37.	6.	27.856	5.278	21.7	25.	31.	33.3
00480p	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	67	25.	25.057	32.	12.	12.49	3.534	20.	23.	27.5	30.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/08/66-08/26/86	29	43.	76.586	350.	8.	6664.394	81.636	11.	23.	130.	220.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/08/66-08/26/86	29	1.633	1.669	2.544	0.903	0.2	0.448	1.041	1.362	2.114	2.342
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			46.698								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	62	6.	20.839	240.	1.	1483.842	38.521	1.	2.	18.25	76.3
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	62	0.772	0.888	2.38	0.	0.353	0.594	0.	0.301	1.258	1.882
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.722								

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

Seasonal Analysis for Season #2: 11/15 to 3/31 - Station FOPU0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	65	14.	13.806	24.4	4.	15.983	3.998	9.6	11.	17.	18.82
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	65	15.	13.782	29.	1.	44.577	6.677	4.	8.	19.	22.
00480p	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	65	22.	21.738	30.	10.	18.985	4.357	14.6	20.	24.5	27.7
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/08/66-08/26/86	26	175.5	344.462	2400.	1.	246634.418	496.623	20.5	33.	540.	920.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/08/66-08/26/86	26	2.229	2.13	3.38	0.	0.521	0.722	1.309	1.519	2.732	2.964
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			134.985								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	65	11.	56.215	542.	1.	13895.609	117.88	2.	5.	30.	174.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	65	1.041	1.172	2.734	0.	0.444	0.666	0.301	0.699	1.475	2.22
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			14.864								

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

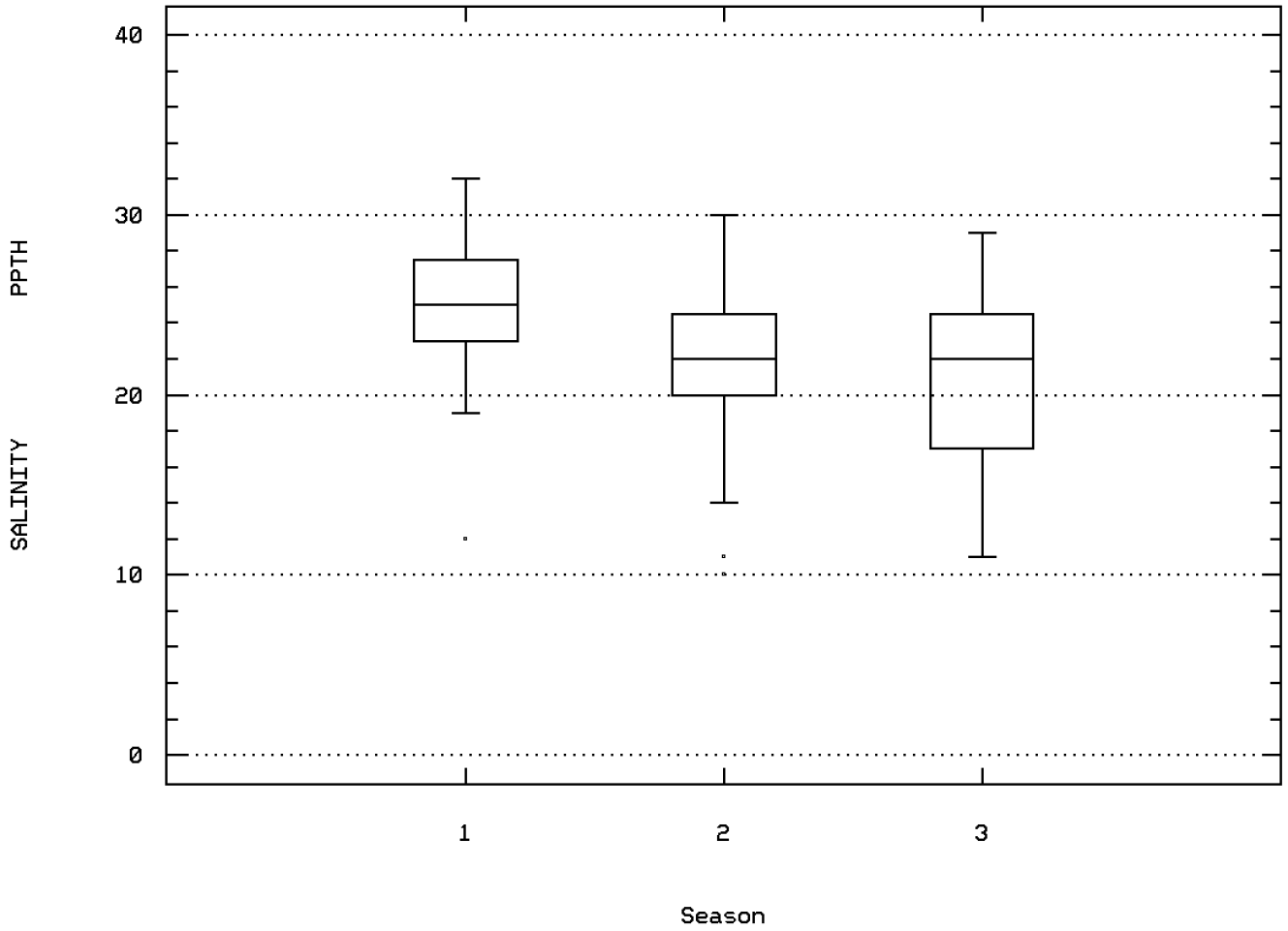
Seasonal Analysis for Season #3: 4/01 to 5/31 - Station FOPU0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	39	23.	21.641	28.	15.	12.762	3.572	17.	18.	24.	26.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	39	24.	22.897	33.	11.	32.779	5.725	16.	18.	27.	31.
00480p	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	40	22.	21.038	29.	11.	23.005	4.796	15.	17.	24.75	26.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/08/66-08/26/86	21	130.	284.762	920.	2.	98486.59	313.826	5.8	38.	445.	920.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/08/66-08/26/86	21	2.114	2.051	2.964	0.301	0.573	0.757	0.75	1.576	2.638	2.964
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			112.523								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	35	13.	80.171	920.	1.	32295.323	179.709	1.	4.	79.	228.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	35	1.114	1.192	2.964	0.	0.672	0.82	0.	0.602	1.898	2.358
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			15.577								

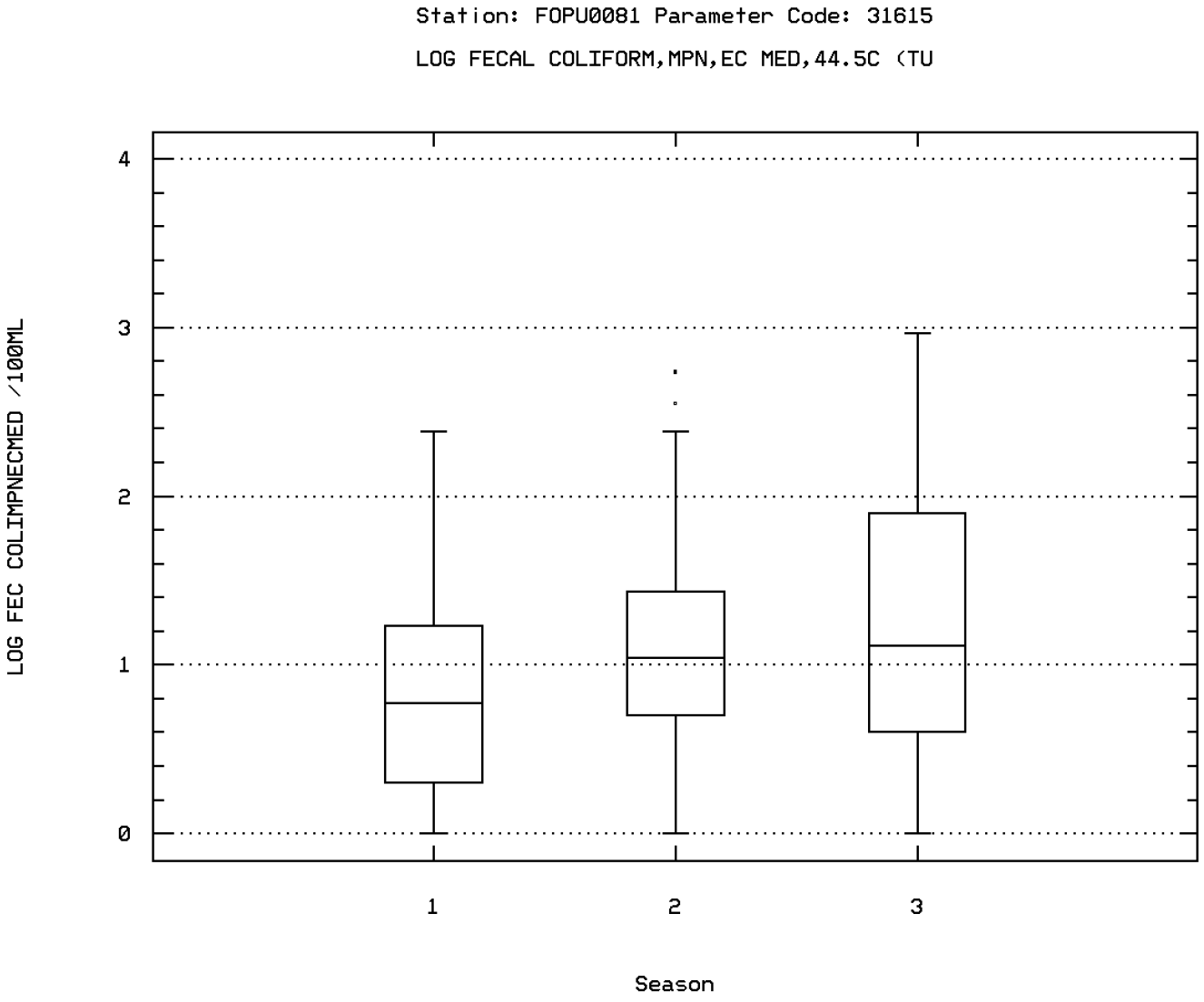
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: FOPU0081 Parameter Code: 00480

SALINITY - PARTS PER THOUSAND



BLOODY POINT AT MUNGEN CREEK



BLOODY POINT AT MUNGEN CREEK

Station Inventory for Station: FOPU0082

NPS Station ID: FOPU0082 | LAT/LON: 32.081948/ -80.918337 | Agency: 21SC60WQ | Date Created: / /
Location: WRIGHT RIVER AT MARKER #43 | FIPS State/County: 45053 SOUTH CAROLINA/JASPER
Station Type: /TYPA/AMBNT/ESTURY | STORET Station ID(s): 19-06
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 03050208 | Depth of Water: 0 | Aquifer:
Major Basin: SOUTHEAST | Elevation: 0 | Water Body Id:
Minor Basin: SAVANNAH-SALKEHATCHIE | ECO Region:
RF1 Index: 03050208 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 03050208052400.00 | RF3 Mile Point: 10.02 | Distance from RF3: 0.13 | On/Off RF3:
Description:
SHELLFISH DIVISION S C DEPT OF HEALTH AND ENVIRONMENTAL CONTROL WRIGHT RIVER-MARKER 43

Parameter Inventory for Station: FOPU0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	156	21.5	20.625	32.	4.	45.339	6.733	11.	16.	26.	29.
00016	TEMP. DIFFERENCE BETWEEN SAMPLE AND UPSTREAM PT.	02/01/77-02/12/79	2	22.	22.	22.	22.	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	156	23.4	21.563	37.	1.	72.822	8.534	7.7	16.	28.	32.
00480	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	159	22.	20.767	32.	8.	27.059	5.202	12.	18.	24.	26.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/08/66-04/20/86	77	130.	296.091	2400.	1.	209632.4	457.856	12.6	33.	350.	936.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/08/66-04/20/86	77	2.114	1.993	3.38	0.	0.544	0.737	1.099	1.519	2.544	2.971
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			98.354								
31520	COLIFORM,TOT,MPN,IN SHELLFISH,CONFIRMED TEST,35C	02/12/79-02/12/79	1	130.	130.	130.	130.	0.	0.	**	**	**	**
31520	LOG COLIFORM,TOT,MPN,IN SHELLFISH,CONFIRMED TEST,3	02/12/79-02/12/79	1	2.114	2.114	2.114	2.114	0.	0.	**	**	**	**
31520	GM COLIFORM,TOT,MPN,IN SHELLFISH,CONFIRMED TEST,35	GEOMETRIC MEAN =			130.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	152	9.	40.572	540.	1.	7269.942	85.264	2.	5.	31.5	124.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	152	0.954	1.071	2.732	0.	0.433	0.658	0.301	0.699	1.497	2.092
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.773								
31640	FECAL COLIFORM,MPN,IN SHELLFISH,EC MED,44.5C	02/12/79-02/12/79	1	45.	45.	45.	45.	0.	0.	**	**	**	**
31640	LOG FECAL COLIFORM,MPN,IN SHELLFISH,EC MED,44.5C	02/12/79-02/12/79	1	1.653	1.653	1.653	1.653	0.	0.	**	**	**	**
31640	GM FECAL COLIFORM,MPN,IN SHELLFISH,EC MED,44.5C	GEOMETRIC MEAN =			45.								
31749	PLATE COUNT, TOTAL, TPC AGAR, 20C, 48 HRS	02/12/79-02/12/79	1	3000.	3000.	3000.	3000.	0.	0.	**	**	**	**
31749	LOG PLATE COUNT, TOTAL, TPC AGAR, 20C, 48 HRS	02/12/79-02/12/79	1	3.477	3.477	3.477	3.477	0.	0.	**	**	**	**
31749	GM PLATE COUNT, TOTAL, TPC AGAR, 20C, 48 HRS	GEOMETRIC MEAN =			3000.								

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

EPA Water Quality Criteria Analysis for Station: FOPU0082

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-11/14 Obs	6/01-11/14 Exceed	6/01-11/14 Prop.	11/15-3/31 Obs	11/15-3/31 Exceed	11/15-3/31 Prop.	4/01-5/31 Obs	4/01-5/31 Exceed	4/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	77	7	0.09	26	1	0.04	28	3	0.11	23	3	0.13			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	152	9	0.06	59	0	0.00	59	7	0.12	34	2	0.06			

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

Annual Analysis for 1966 - Station FOPU0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	4	27.5	24.5	28.	15.	40.333	6.351	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	4	30.5	26.25	32.	12.	90.917	9.535	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	4	25.	25.	30.	20.	16.667	4.082	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	1	49.	49.	49.	49.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	1	1.69	1.69	1.69	1.69	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			49.								

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

Annual Analysis for 1967 - Station FOPU0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	5	23.	20.8	24.	11.	30.7	5.541	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	5	23.	21.4	27.	8.	61.3	7.829	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	5	22.	20.2	22.	17.	6.2	2.49	**	**	**	**

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

Annual Analysis for 1972 - Station FOPU0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	9	25.	26.111	29.	24.	3.611	1.9	24.	24.5	28.	29.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	9	27.	27.111	29.	25.	2.111	1.453	25.	26.	28.5	29.
00480	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	9	23.	23.111	26.	20.	4.361	2.088	20.	21.	25.	26.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	9	70.	68.556	130.	21.	2155.028	46.422	21.	22.	120.	130.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	9	1.845	1.726	2.114	1.322	0.118	0.344	1.322	1.342	2.078	2.114
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			53.26								

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

Annual Analysis for 1974 - Station FOPU0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	1	22.	22.	22.	22.	0.	0.	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	1	540.	540.	540.	540.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	1	2.732	2.732	2.732	2.732	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			540.								

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

Annual Analysis for 1975 - Station FOPU0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	12	16.5	16.917	25.	11.	14.447	3.801	11.6	15.25	17.	24.4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	12	21.5	20.5	32.	9.	32.091	5.665	11.1	16.5	23.5	29.9
00480	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	12	15.	14.667	19.	9.	13.152	3.627	9.3	11.25	18.	19.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	12	230.	215.5	540.	23.	21853.	147.828	35.3	86.75	322.5	483.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	12	2.361	2.21	2.732	1.362	0.147	0.384	1.495	1.934	2.503	2.676
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			162.32								

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

Annual Analysis for 1977 - Station FOPU0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	5	25.	19.6	30.	4.	140.3	11.845	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	5	29.	21.6	37.	1.	224.8	14.993	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	5	20.	23.	30.	19.	23.	4.796	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	5	23.	40.2	130.	8.	2577.7	50.771	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	5	1.362	1.385	2.114	0.903	0.21	0.458	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			24.256								

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Annual Analysis for 1978 - Station FOPU0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	4	29.	23.75	30.	7.	125.583	11.206	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	4	29.5	24.5	32.	7.	139.	11.79	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	4	22.5	22.5	28.	17.	21.667	4.655	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	4	8.5	47.5	172.	1.	6915.	83.156	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	4	0.858	0.988	2.236	0.	0.899	0.948	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.725								

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

Annual Analysis for 1979 - Station FOPU0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	4	20.5	18.75	24.	10.	44.917	6.702	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	4	27.5	26.5	33.	18.	59.	7.681	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	4	19.	19.	20.	18.	0.667	0.816	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	4	27.5	23.25	33.	5.	174.917	13.226	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	4	1.43	1.27	1.519	0.699	0.152	0.389	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			18.604								

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

Annual Analysis for 1980 - Station FOPU0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	4	16.	17.5	30.	8.	86.333	9.292	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	4	18.	18.	32.	4.	136.667	11.69	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	4	17.75	18.875	25.	15.	18.729	4.328	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	4	37.5	48.25	110.	8.	1976.25	44.455	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	4	1.553	1.512	2.041	0.903	0.231	0.48	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			32.54								

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

Annual Analysis for 1981 - Station FOPU0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	4	20.	20.25	25.	16.	24.25	4.924	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	4	21.	20.25	28.	11.	59.583	7.719	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	4	24.75	25.375	30.	22.	12.229	3.497	**	**	**	**

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

Annual Analysis for 1981 - Station FOPU0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	4	10.5	10.75	17.	5.	28.25	5.315	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	4	1.009	0.987	1.23	0.699	0.055	0.235	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.696								

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

Annual Analysis for 1982 - Station FOPU0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	5	21.	22.	29.	14.	37.	6.083	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	5	24.	22.2	27.	15.	20.7	4.55	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	5	28.	25.3	30.	20.	23.95	4.894	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	5	17.	30.2	79.	1.	1099.2	33.154	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	5	1.23	1.103	1.898	0.	0.593	0.77	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.69								

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

Annual Analysis for 1983 - Station FOPU0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	6	18.5	18.667	25.	11.	23.467	4.844	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	6	20.	19.333	25.	11.	28.667	5.354	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	6	21.5	21.333	29.	10.	40.267	6.346	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	7	4.	11.429	33.	1.	218.952	14.797	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	7	0.602	0.706	1.519	0.	0.36	0.6	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.078								

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

Annual Analysis for 1984 - Station FOPU0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	4	11.	12.25	23.	4.	94.917	9.743	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	4	11.5	12.75	24.	4.	106.25	10.308	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	5	15.	19.4	32.	10.	79.3	8.905	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	5	7.	52.	240.	1.	11051.	105.124	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	5	0.845	0.954	2.38	0.	0.758	0.871	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.992								

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

Annual Analysis for 1985 - Station FOPU0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	3	23.5	23.167	26.	20.	9.083	3.014	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	3	26.	27.	29.	26.	3.	1.732	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	5	24.	24.7	28.	22.	4.95	2.225	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	5	7.	7.2	13.	4.	12.2	3.493	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	5	0.845	0.821	1.114	0.602	0.037	0.194	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.623								

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

Annual Analysis for 1986 - Station FOPU0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	3	13.	15.333	20.	13.	16.333	4.041	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	3	16.	15.333	19.	11.	16.333	4.041	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	3	18.5	15.5	19.	9.	31.75	5.635	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	3	4.	12.667	33.	1.	312.333	17.673	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	3	0.602	0.707	1.519	0.	0.585	0.765	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.092								

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

Annual Analysis for 1988 - Station FOPU0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	3	22.	22.	25.	19.	9.	3.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	3	18.	18.	21.	15.	9.	3.	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	3	24.	24.333	25.	24.	0.333	0.577	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	3	2.	2.	2.	2.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	3	0.301	0.301	0.301	0.301	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.								

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

Annual Analysis for 1989 - Station FOPU0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	6	20.5	20.167	29.	12.	42.167	6.494	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	6	18.5	17.833	27.	4.	69.367	8.329	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	6	23.25	22.5	25.	17.	8.	2.828	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	6	5.	8.167	23.	1.	70.567	8.4	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	6	0.699	0.696	1.362	0.	0.252	0.502	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.963								

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

Annual Analysis for 1990 - Station FOPU0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	5	21.	19.8	27.	12.	38.7	6.221	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	5	19.	21.2	28.	13.	39.2	6.261	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	5	18.	19.3	28.	14.5	26.45	5.143	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	5	5.	4.	7.	1.	6.	2.449	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	5	0.699	0.509	0.845	0.	0.122	0.349	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.227								

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

Annual Analysis for 1991 - Station FOPU0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	3	18.	19.	27.	12.	57.	7.55	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	3	23.	23.333	27.	20.	12.333	3.512	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	3	18.	18.	22.	14.	16.	4.	**	**	**	**

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

Annual Analysis for 1991 - Station FOPU0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	3	7.	5.333	8.	1.	14.333	3.786	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	3	0.845	0.583	0.903	0.	0.256	0.505	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.826								

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

Annual Analysis for 1992 - Station FOPU0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	7	18.	19.286	32.	12.	38.905	6.237	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	7	22.	23.857	34.	17.	35.143	5.928	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	7	20.	19.857	26.	16.	11.143	3.338	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	7	9.	10.	17.	1.	27.333	5.228	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	7	0.954	0.893	1.23	0.	0.171	0.414	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.816								

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

Annual Analysis for 1993 - Station FOPU0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	6	15.	18.	30.	10.	74.8	8.649	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	6	24.	21.	30.	7.	91.6	9.571	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	6	17.5	18.5	30.	10.	89.5	9.46	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	6	15.5	32.333	110.	2.	1765.867	42.022	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	6	1.132	1.1	2.041	0.301	0.524	0.724	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.582								

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

Annual Analysis for 1994 - Station FOPU0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	9	23.	23.111	31.	11.	41.111	6.412	11.	19.	28.5	31.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	9	26.	24.444	35.	7.	104.028	10.199	7.	16.5	31.5	35.
00480	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	9	22.	20.667	25.	12.	25.75	5.074	12.	17.	24.5	25.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	9	8.	11.556	33.	2.	97.528	9.876	2.	3.5	17.	33.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	9	0.903	0.905	1.519	0.301	0.176	0.419	0.301	0.5	1.23	1.519
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.03								

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

Annual Analysis for 1995 - Station FOPU0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	8	22.5	22.375	32.	10.	50.554	7.11	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	8	24.	22.	34.	6.	86.857	9.32	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	8	21.	20.625	25.	12.	15.696	3.962	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	8	6.	13.25	33.	5.	155.929	12.487	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	8	0.772	0.974	1.519	0.699	0.133	0.365	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.419								

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

Annual Analysis for 1996 - Station FOPU0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	12	21.5	20.75	29.	10.	48.023	6.93	10.9	14.	27.5	28.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	12	25.	21.667	32.	2.	85.333	9.238	5.	15.25	29.75	31.7
00480	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	12	22.	21.667	28.	11.	29.879	5.466	11.3	20.25	26.	28.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	12	8.	13.25	79.	2.	443.295	21.055	2.	4.25	12.5	59.2
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	12	0.903	0.877	1.898	0.301	0.181	0.425	0.301	0.626	1.096	1.663
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.541								

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

Annual Analysis for 1997 - Station FOPU0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	12	23.	22.75	32.	10.	43.295	6.58	11.2	18.75	28.75	31.4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	12	22.5	19.833	33.	3.	131.424	11.464	3.	7.75	31.75	32.7
00480	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	12	23.	22.333	28.	14.	17.152	4.141	14.6	20.25	25.75	27.4
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	12	6.5	8.75	23.	1.	55.114	7.424	1.	2.5	13.	22.4
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	12	0.801	0.756	1.362	0.	0.217	0.466	0.	0.376	1.114	1.35
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.7								

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

Annual Analysis for 1998 - Station FOPU0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	12	24.	22.167	31.	11.	41.804	6.466	11.9	15.925	27.75	30.4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	12	25.4	21.65	34.	4.	101.07	10.053	4.9	14.25	29.75	33.1
00480	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	12	21.	19.	24.	8.	31.636	5.625	9.2	13.	24.	24.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	12	9.5	21.75	170.	1.	2199.477	46.899	1.3	4.25	13.	122.9
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	12	0.972	0.928	2.23	0.	0.297	0.545	0.09	0.626	1.114	1.895
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.472								

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

Seasonal Analysis for Season #1: 6/01 to 11/14 - Station FOPU0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	61	27.	26.336	32.	15.	13.673	3.698	21.	24.	29.	30.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	61	28.	27.557	37.	6.	26.384	5.137	22.	25.	31.	32.8
00480p	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	62	24.	23.274	30.	12.	13.301	3.647	20.	21.75	25.125	28.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/08/66-04/20/86	26	44.5	113.808	1000.	1.	43044.882	207.473	6.8	13.75	130.	306.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/08/66-04/20/86	26	1.648	1.616	3.	0.	0.433	0.658	0.813	1.138	2.114	2.465
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			41.34								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	59	5.	15.458	130.	1.	698.184	26.423	1.	2.	14.	33.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	59	0.699	0.821	2.114	0.	0.306	0.553	0.	0.301	1.146	1.519
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.629								

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

Seasonal Analysis for Season #2: 11/15 to 3/31 - Station FOPU0082

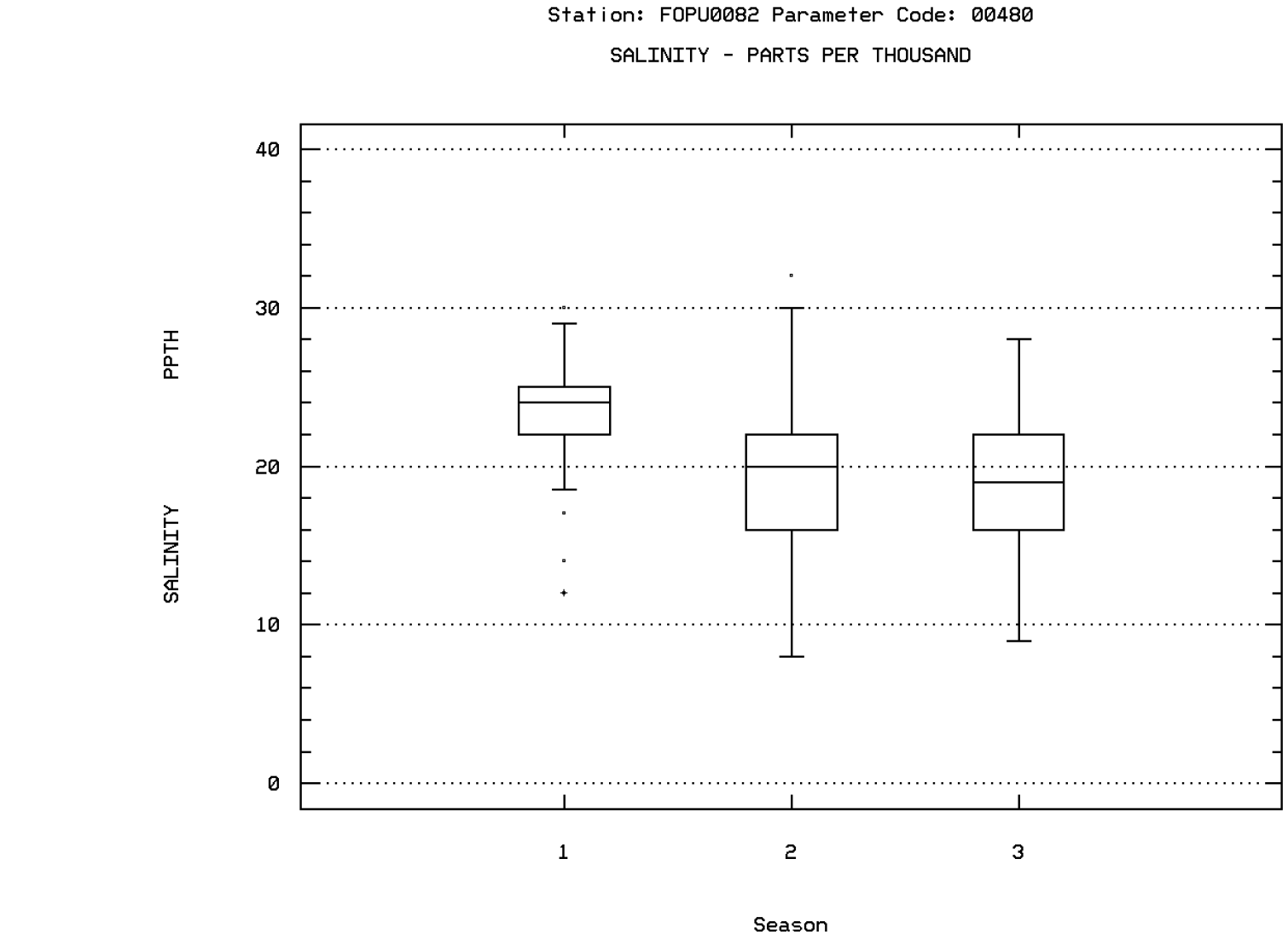
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	58	14.	13.655	22.	4.	15.987	3.998	9.8	11.	17.	18.73
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	58	15.	13.669	29.	1.	45.907	6.775	4.	7.75	19.	22.
00480p	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	59	20.	19.356	32.	8.	30.673	5.538	11.	16.	22.	28.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/08/66-04/20/86	28	230.	409.5	2400.	1.	321781.074	567.258	17.	79.	350.	1600.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/08/66-04/20/86	28	2.361	2.215	3.38	0.	0.519	0.721	1.23	1.898	2.544	3.204
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			164.105								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	59	13.	64.102	540.	1.	14965.61	122.334	4.	7.	33.	240.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	59	1.114	1.251	2.732	0.	0.444	0.666	0.602	0.845	1.519	2.38
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			17.814								

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

Seasonal Analysis for Season #3: 4/01 to 5/31 - Station FOPU0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	37	24.	22.135	28.	16.	11.231	3.351	17.	18.	24.	26.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	37	25.	24.054	33.	12.	29.219	5.405	16.	20.	28.	31.2
00480p	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	38	19.	18.868	28.	9.	28.131	5.304	10.	15.5	22.125	25.1
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/08/66-04/20/86	23	130.	364.087	1600.	5.	219885.447	468.919	15.2	33.	460.	1400.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/08/66-04/20/86	23	2.114	2.148	3.204	0.699	0.493	0.702	1.18	1.519	2.663	3.139
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			140.496								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	34	13.	43.324	240.	1.	3609.862	60.082	1.5	5.	79.	110.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	34	1.114	1.192	2.38	0.	0.478	0.692	0.151	0.699	1.898	2.041
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			15.547								

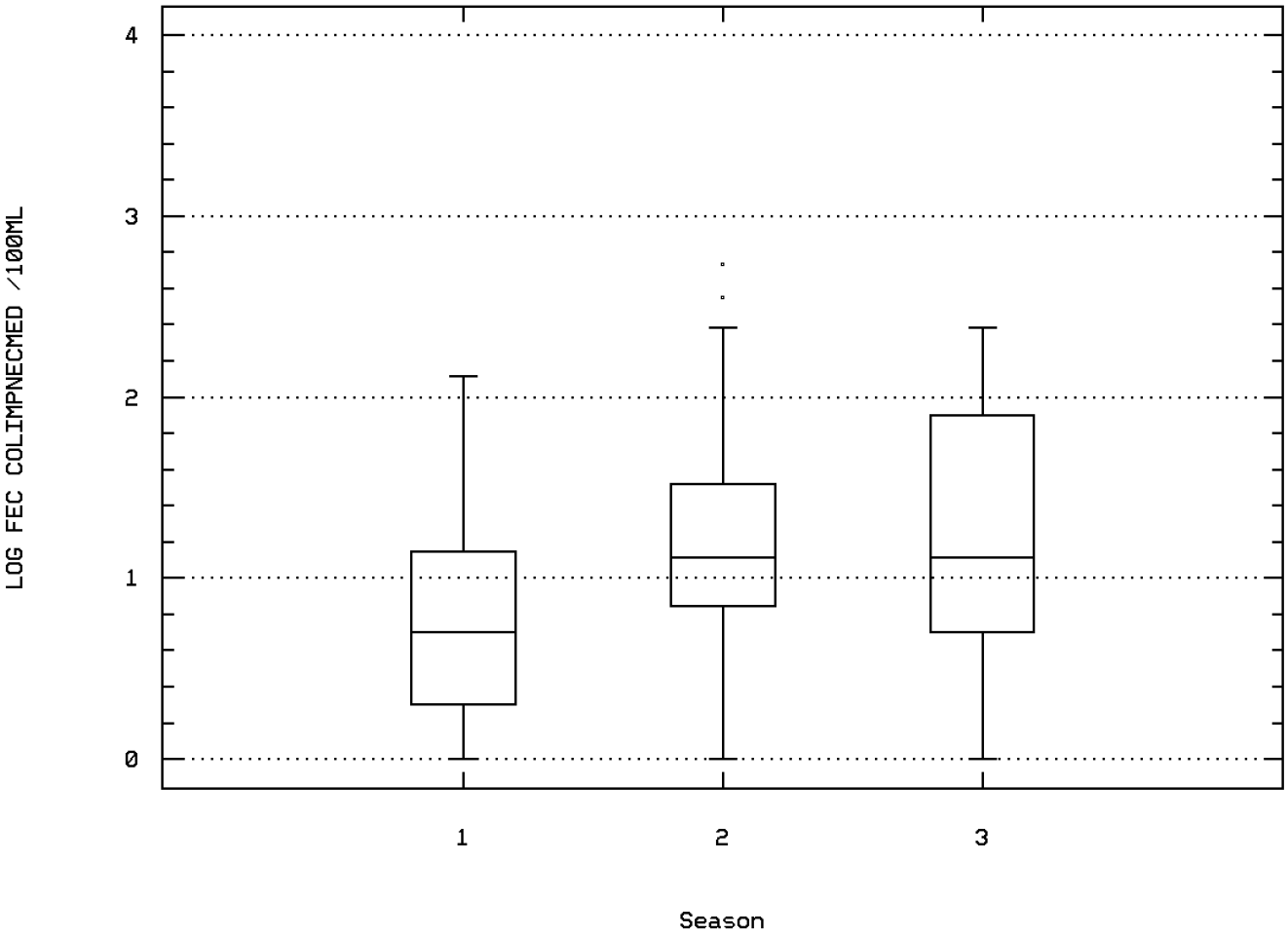
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot



WRIGHT RIVER AT MARKER #43

Station: FOPU0082 Parameter Code: 31615

LOG FECAL COLIFORM,MPN,EC MED,44.5C (TU



WRIGHT RIVER AT MARKER #43

Station Inventory for Station: FOPU0083

NPS Station ID: FOPU0083
LAT/LON: 32.082226/ -81.086670
Agency: 1113S090
Date Created: / /
Location: SAVANNAH R OPP OF SAV CITY HALL
FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 133025 /SR-3025 /SRS-14 S-14
RMI-Indexes: 0313050
Within Park Boundary: No
RMI-Miles: 0014.00
HUC: 03060109
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: SAVANNAH RIVER BASIN
ECO Region:
RF1 Index: 03060109006
RF1 Mile Point: 2.070
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 03060109091200.60
RF3 Mile Point: 4.06
Distance from RF3: 0.05
On/Off RF3:
Description:
CENTER LINE CITY FRONT CHANNEL OPPOSITE SAVANNAH CITY HALL

Parameter Inventory for Station: FOPU0083

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

***** Data for this station locked by controlling agency *****

Station Inventory for Station: FOPU0084

NPS Station ID: FOPU0084
LAT/LON: 32.082503/ -80.915005
Agency: 21SC60WQ
Date Created: 01/25/92
Location: NEW RIVER AT WALLS CUT
FIPS State/County: 45053 SOUTH CAROLINA/JASPER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 19-23
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03050208
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: SAVANNAH-SALKEHATCHIE
ECO Region:
RF1 Index: 03050208
RF1 Mile Point: 0.000
Distance from RF1: 11.00
On/Off RF1:
RF3 Index: 03050208347000.00
RF3 Mile Point: 0.00
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: FOPU0084

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/92-12/02/98	61	22.	21.77	32.	10.	42.449	6.515	12.	17.5	28.	29.8
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/09/92-12/02/98	61	25.	21.702	35.	2.	91.063	9.543	6.2	14.5	30.	32.
00480	SALINITY - PARTS PER THOUSAND	04/09/92-12/02/98	61	22.	21.361	30.	8.	24.501	4.95	14.2	18.	25.	26.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/09/92-12/02/98	61	7.	11.639	94.	1.	262.401	16.199	1.	2.	13.	31.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/09/92-12/02/98	61	0.845	0.775	1.973	0.	0.259	0.509	0.	0.301	1.114	1.487
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.956								

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

EPA Water Quality Criteria Analysis for Station: FOPU0084

				Total	Exceed	Prop.	6/01-11/14			11/15-3/31			4/01-5/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	61	0	0.00	27	0	0.00	21	0	0.00	13	0	0.00			

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

Annual Analysis for 1992 - Station FOPU0084

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/92-12/02/98	5	18.	17.4	21.	12.	10.8	3.286	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/09/92-12/02/98	5	20.	20.8	25.	17.	8.7	2.95	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	04/09/92-12/02/98	5	18.	19.6	26.	16.	14.8	3.847	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/09/92-12/02/98	5	17.	22.2	49.	5.	267.2	16.346	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/09/92-12/02/98	5	1.23	1.242	1.69	0.699	0.128	0.357	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			17.473								

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

Annual Analysis for 1993 - Station FOPU0084

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/92-12/02/98	4	22.5	21.75	30.	12.	68.25	8.261	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/09/92-12/02/98	4	28.	23.25	30.	7.	118.917	10.905	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	04/09/92-12/02/98	4	26.	23.	30.	10.	78.667	8.869	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/09/92-12/02/98	4	5.	11.	33.	1.	224.667	14.989	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/09/92-12/02/98	4	0.602	0.681	1.519	0.	0.453	0.673	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.794								

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

Annual Analysis for 1994 - Station FOPU0084

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/92-12/02/98	9	23.	23.111	31.	11.	41.111	6.412	11.	19.	28.5	31.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/09/92-12/02/98	9	26.	24.444	35.	7.	104.028	10.199	7.	16.5	31.5	35.
00480	SALINITY - PARTS PER THOUSAND	04/09/92-12/02/98	9	22.	21.333	26.	12.	22.25	4.717	12.	18.5	24.5	26.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/09/92-12/02/98	9	4.	11.	49.	1.	247.5	15.732	1.	1.5	16.5	49.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/09/92-12/02/98	9	0.602	0.698	1.69	0.	0.334	0.578	0.	0.151	1.192	1.69
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.984								

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

Annual Analysis for 1995 - Station FOPU0084

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/92-12/02/98	7	24.	22.571	32.	10.	58.619	7.656	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/09/92-12/02/98	7	25.	21.857	34.	6.	101.143	10.057	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	04/09/92-12/02/98	7	20.	19.714	24.	12.	15.238	3.904	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/09/92-12/02/98	7	8.	7.714	17.	1.	23.238	4.821	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/09/92-12/02/98	7	0.903	0.783	1.23	0.	0.145	0.38	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.073								

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

Annual Analysis for 1996 - Station FOPU0084

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/92-12/02/98	12	20.	20.5	29.	10.	46.455	6.816	10.9	14.	27.5	28.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/09/92-12/02/98	12	25.	21.583	32.	2.	86.629	9.307	5.	14.5	29.75	31.7
00480	SALINITY - PARTS PER THOUSAND	04/09/92-12/02/98	12	22.	21.917	28.	11.	25.356	5.035	12.2	20.25	26.	28.

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

Annual Analysis for 1996 - Station FOPU0084

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/09/92-12/02/98	12	5.	13.167	94.	1.	672.152	25.926	1.3	2.	11.75	70.9
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/09/92-12/02/98	12	0.699	0.722	1.973	0.	0.296	0.544	0.09	0.301	1.061	1.75
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.276								

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

Annual Analysis for 1997 - Station FOPU0084

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/92-12/02/98	12	23.	22.75	32.	10.	43.295	6.58	11.2	18.75	28.75	31.4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/09/92-12/02/98	12	22.5	19.667	33.	3.	127.333	11.284	3.	7.75	30.75	32.7
00480	SALINITY - PARTS PER THOUSAND	04/09/92-12/02/98	12	25.	23.583	28.	15.	15.72	3.965	15.9	22.	26.	28.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/09/92-12/02/98	12	5.	7.333	23.	1.	47.697	6.906	1.	1.75	11.75	21.2
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/09/92-12/02/98	12	0.699	0.667	1.362	0.	0.218	0.467	0.	0.151	1.061	1.322
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.648								

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

Annual Analysis for 1998 - Station FOPU0084

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/92-12/02/98	12	24.5	22.417	31.	11.	43.554	6.6	11.9	15.925	27.75	30.4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/09/92-12/02/98	12	25.4	21.567	34.	3.	104.362	10.216	4.2	14.25	29.75	33.1
00480	SALINITY - PARTS PER THOUSAND	04/09/92-12/02/98	12	22.	19.75	25.	8.	28.568	5.345	9.8	15.25	24.	25.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/09/92-12/02/98	12	7.	13.	49.	1.	274.545	16.569	1.3	2.	12.5	48.1
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/09/92-12/02/98	12	0.845	0.825	1.69	0.	0.282	0.531	0.09	0.301	1.096	1.682
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.685								

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

Seasonal Analysis for Season #1: 6/01 to 11/14 - Station FOPU0084

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/92-12/02/98	27	28.	27.148	32.	18.	13.208	3.634	21.4	26.	29.	31.2
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/09/92-12/02/98	27	30.	28.444	35.	6.	31.949	5.652	22.	26.	32.	34.
00480	SALINITY - PARTS PER THOUSAND	04/09/92-12/02/98	27	22.	22.704	28.	12.	13.37	3.657	17.4	21.	26.	26.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/09/92-12/02/98	27	4.	8.704	49.	1.	162.37	12.742	1.	1.	8.	27.6
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/09/92-12/02/98	27	0.602	0.596	1.69	0.	0.295	0.544	0.	0.	0.903	1.422
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.946								

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

Seasonal Analysis for Season #2: 11/15 to 3/31 - Station FOPU0084

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/92-12/02/98	21	14.	14.762	22.	10.	13.599	3.688	10.	11.5	18.	20.66
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/09/92-12/02/98	21	13.	11.752	24.	2.	45.048	6.712	3.	6.5	16.5	22.84
00480	SALINITY - PARTS PER THOUSAND	04/09/92-12/02/98	21	22.	20.571	30.	8.	35.557	5.963	11.2	16.5	24.	28.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/09/92-12/02/98	21	7.	10.81	49.	1.	112.162	10.591	2.	5.	15.	21.8
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/09/92-12/02/98	21	0.845	0.873	1.69	0.	0.156	0.395	0.301	0.699	1.172	1.335
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.463								

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

Seasonal Analysis for Season #3: 4/01 to 5/31 - Station FOPU0084

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/92-12/02/98	13	22.	21.923	26.	18.	9.91	3.148	18.	18.	24.5	26.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/09/92-12/02/98	13	25.	23.769	31.	12.	30.859	5.555	13.6	20.	28.	30.6
00480	SALINITY - PARTS PER THOUSAND	04/09/92-12/02/98	13	22.	19.846	26.	10.	26.641	5.161	12.	15.5	25.	26.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/09/92-12/02/98	13	8.	19.077	94.	2.	692.744	26.32	2.	4.5	25.	76.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/09/92-12/02/98	13	0.903	0.988	1.973	0.301	0.258	0.508	0.301	0.651	1.374	1.86
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.73								

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

Station Inventory for Station: FOPU0085

NPS Station ID: FOPU0085 LAT/LON: 32.082754/ -81.084365 Agency: 11NPSWRD Date Created: 10/10/98
Location: SAVANNAH R HUTCHINSON IS. ABANDONED BOAT SLIP FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): FOPU_SKIDAWAY_5
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03060109 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: SAVANNAH RIVER ECO Region:
RF1 Index: 03060109 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 03060109002008.47 RF3 Mile Point: 8.65 Distance from RF3: 0.58 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE SAVANNAH GA-SC 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS OUTSIDE THE BOUNDARY OF FORT PULASKI NATIONAL MONUMENT AND IS LOCATED AT AN ABANDONED BOAT SLIP ON THE SAVANNAH RIVER AT HUTCHINSON ISLAND. CORE SEDIMENT SAMPLES WERE ANALYZED TO DETERMINE THE ACCRUAL OF METALS; PESTICIDES; POLYCYCLIC AROMATIC HYDROCARBONS; AND PCB'S SINCE 1900. DATA ARE FROM "POLLUTION HISTORY OF THE SAVANNAH ESTUARY;" SEPTEMBER 1994; BY THE SKIDAWAY INSTITUTE OF OCEANOGRAPHY. FOR PARK INFORMATION CONTACT FORT PULASKI NATIONAL MONUMENT; P.O. BOX 30757; SAVANNAH GA 31410-0757. (TEL. 912-786-5787). THE DATA WERE PROCESSED AND UPLOADED TO STORET BY ERIC JANNEY OF THE NATIONAL PARK SERVICE WATER RESOURCE DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525-5596. (TEL. 970-225-3516).

Parameter Inventory for Station: FOPU0085

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	04/17/93-04/17/93	17	2200.	2605.882	5500.	1400.	1309338.235	1144.263	1560.	1850.	3000.	5180.
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	04/17/93-04/17/93	17	898.	890.176	1097.	637.	11878.029	108.986	706.6	857.	925.	1076.2
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/17/93-04/17/93	17	10.6	11.282	19.6	7.8	8.668	2.944	8.04	9.55	12.95	15.84
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/17/93-04/17/93	17	0.29	0.292	0.43	0.19	0.005	0.072	0.198	0.23	0.36	0.39
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/17/93-04/17/93	17	84.	90.976	131.8	70.8	449.311	21.197	70.8	74.75	108.75	126.76
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/17/93-04/17/93	17	32.7	32.747	38.5	24.	18.229	4.27	26.4	29.6	36.8	38.26
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/17/93-04/17/93	17	48.4	44.224	64.2	19.9	146.008	12.083	22.54	35.75	51.95	57.08
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	04/17/93-04/17/93	17	584.	632.235	1109.	225.	96198.316	310.159	247.4	331.5	951.	1092.2
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/17/93-04/17/93	17	29.9	29.453	34.2	23.3	12.564	3.545	24.42	26.05	32.75	34.12
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	04/17/93-04/17/93	17	0.26	0.258	0.36	0.17	0.004	0.062	0.186	0.205	0.31	0.352
01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	04/17/93-04/17/93	17	0.63	0.695	1.13	0.46	0.027	0.165	0.564	0.6	0.775	0.97
01103	TIN IN BOTTOM DEPOSITS (MG/KG AS SN DRY WGT)	04/17/93-04/17/93	17	4.6	4.518	5.	3.5	0.127	0.356	3.98	4.35	4.75	4.92
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	04/17/93-04/17/93	17	125500.	123382.353	156700.	91000.	414360294.118	20355.842	95240.	102450.	142200.	150380.
01144	SILICON IN BOTTOM DEPOSITS (MG/KG AS SI DRY WGT)	04/17/93-04/17/93	17	226000.	224176.471	254000.	202000.	175904411.765	13262.896	203600.	214000.	233000.	243600.
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	04/17/93-04/17/93	6	0.335	0.343	0.47	0.24	0.006	0.075	**	**	**	**
01157	ZINC, TOTAL IN BOTTOM DEPOSITS (MG/KG AS ZN)	04/17/93-04/17/93	17	100.2	101.282	111.2	91.7	38.195	6.18	93.22	95.75	106.8	110.88
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	04/17/93-04/17/93	17	59600.	58382.353	73000.	41100.	109677794.118	10472.717	43420.	47300.	67900.	71400.
04354	YEAR SED CORE SAMPLE DEPOSTION,LEAD-210 MTHD YR	04/17/93-04/17/93	15	1958.	1957.333	1993.	1920.	576.238	24.005	1921.2	1937.	1979.	1990.
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	04/17/93-04/17/93	14	11.	24.214	105.	5.	864.027	29.394	5.	5.	35.	84.
34208	ACENAPHTHENE DRY WGTBOTUG/KG	04/17/93-04/17/93	15 ##	5.	21.2	92.	5.	911.029	30.183	5.	5.	23.	82.4
34223	ANTHRACENE DRY WGTBOTUG/KG	04/17/93-04/17/93	15	24.	56.4	189.	5.	4494.971	67.045	5.	16.	73.	186.6
34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	04/17/93-04/17/93	15	72.	156.067	684.	27.	31402.067	177.206	34.2	50.	194.	488.4

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

Parameter Inventory for Station: FOPU0085

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	04/17/93-04/17/93	15	47.	99.267	425.	19.	12058.924	109.813	25.6	31.	120.	297.8
34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	04/17/93-04/17/93	15	41.	87.067	379.	16.	8966.21	94.69	20.2	31.	121.	253.6
34323	CHRYSENE DRY WGTBOTUG/KG	04/17/93-04/17/93	15	59.	139.4	540.	26.	24657.971	157.029	34.4	51.	223.	469.8
34379	FLUORANTHENE DRY WGTBOTUG/KG	04/17/93-04/17/93	15	138.	363.333	1932.	37.	262884.81	512.723	59.8	106.	393.	1440.6
34384	FLUORENE DRY WGTBOTUG/KG	04/17/93-04/17/93	15	18.	47.733	170.	5.	3607.21	60.06	5.	13.	80.	164.6
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	04/17/93-04/17/93	15	35.	80.067	395.	17.	9423.495	97.075	18.8	28.	111.	248.6
34445	NAPHTHALENE DRY WGTBOTUG/KG	04/17/93-04/17/93	15 ##	5.	7.667	28.	5.	40.81	6.388	5.	5.	5.	20.2
34464	PHENANTHRENE DRY WGTBOTUG/KG	04/17/93-04/17/93	15	52.	120.667	518.	15.	21157.381	145.456	27.6	39.	180.	419.6
34472	PYRENE DRY WGTBOTUG/KG	04/17/93-04/17/93	15	212.	383.2	1701.	38.	191148.314	437.205	61.4	117.	488.	1271.4
34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	04/17/93-04/17/93	15	33.	65.933	321.	10.	6017.067	77.57	15.4	25.	84.	202.2
34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	04/17/93-04/17/93	15	62.	165.867	702.	20.	41281.41	203.178	30.2	47.	187.	595.2
34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	04/17/93-04/17/93	15 ##	5.	17.533	99.	5.	600.41	24.503	5.	5.	24.	59.4
39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/17/93-04/17/93	15 ##	0.001	0.001	0.001	0.001	0.	0.	0.001	0.001	0.001	0.001
39306	O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/17/93-04/17/93	15 ##	0.001	0.001	0.001	0.001	0.	0.	0.001	0.001	0.001	0.001
39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/17/93-04/17/93	15	0.5	1.21	6.23	0.	2.98	1.726	0.	0.14	2.62	4.262
39316	O,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/17/93-04/17/93	15	0.29	0.342	1.57	0.	0.137	0.37	0.	0.14	0.38	0.946
39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/17/93-04/17/93	15	2.43	2.593	11.76	0.12	9.167	3.028	0.12	0.22	3.71	7.962
39328	O,P'DDE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	04/17/93-04/17/93	15 ##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/17/93-04/17/93	15	0.16	0.177	0.5	0.005	0.038	0.194	0.005	0.005	0.33	0.488
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	04/17/93-04/17/93	15	0.27	0.282	0.66	0.	0.018	0.134	0.12	0.24	0.31	0.492
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	04/17/93-04/17/93	15 ##	0.004	0.073	1.04	0.004	0.072	0.268	0.004	0.004	0.004	0.418
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	04/17/93-04/17/93	15 ##	0.	0.017	0.1	0.	0.001	0.036	0.	0.	0.	0.094
39526	PCBS TOTAL,IN SEDIMENT,DRY (ISOMER ANALYSES) UG/KG	04/17/93-04/17/93	15	14.	13.	32.	2.	72.857	8.536	2.	3.	17.	26.
39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	04/17/93-04/17/93	15 ##	0.003	0.003	0.003	0.003	0.	0.	0.003	0.003	0.003	0.003
49575	TOTAL ORGANIC CARBON, BOTT. DEP.,DRY WT.,SED MG/KG	04/17/93-04/17/93	17	28100.	32111.765	72900.	13300.	315278602.941	17756.086	13780.	18350.	39850.	71140.
49724	PERYLENE, DRY WEIGHT, SEDIMENT UG/KG	04/17/93-04/17/93	15	241.	320.067	812.	43.	54498.21	233.449	70.6	140.	464.	737.
49743	BENZO(E)PYRENE, DRY WEIGHT, SEDIMENT UG/KG	04/17/93-04/17/93	15	32.	66.6	276.	13.	5044.4	71.024	17.2	22.	92.	199.2
50596	PCB CONGENER IUPAC#29, SEDIMENT, DRY WEIGHT NG/G	04/17/93-04/17/93	15	1.43	1.823	4.3	0.	1.759	1.326	0.15	0.67	2.92	3.982
50784	ALPHA-CHLORDANE SEDIMENT,DRY WT,BOTTOM DEP UG/KG	04/17/93-04/17/93	15	0.18	0.208	0.4	0.08	0.009	0.094	0.098	0.13	0.3	0.352
50943	2,6-DIMETHYLNAPHTHALENE, DRY WEIGHT, SEDIMENTUG/KG	04/17/93-04/17/93	15 ##	5.	13.867	44.	5.	247.124	15.72	5.	5.	26.	44.
50945	PCB CONGENER #08 (CL2), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	15 ##	0.	0.042	0.63	0.	0.026	0.163	0.	0.	0.	0.252
50946	PCB CONGENER #18 (CL3), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	15	0.87	1.065	6.03	0.	2.513	1.585	0.	0.	1.57	3.786
50948	PCB CONGENER #52 (CL4), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	15	1.89	1.679	3.9	0.	1.598	1.264	0.	0.28	2.82	3.468
50949	PCB CONGENER #44 (CL4), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	15	0.74	0.871	2.87	0.04	0.511	0.715	0.16	0.29	1.18	2.084
50950	PCB CONGENER #66 (CL4), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	15	1.49	1.681	4.92	0.46	1.262	1.124	0.616	0.94	2.22	3.678
50952	PCB CONGENER #101 (CL5), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	15	1.71	1.653	3.54	0.38	0.862	0.928	0.452	0.74	2.53	3.
50953	PCB CONGENER #118 (CL5), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	15	0.38	0.476	1.27	0.	0.185	0.43	0.	0.12	0.89	1.126
50954	PCB CONGENER #153 (CL6), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	15	0.62	0.533	1.15	0.	0.173	0.416	0.	0.12	0.88	1.108
50955	PCB CONGENER #105 (CL5), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	15	0.24	0.337	0.94	0.	0.108	0.329	0.	0.	0.67	0.814
50956	PCB CONGENER #138 (CL6), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	15	0.38	0.496	1.37	0.	0.242	0.492	0.	0.	0.95	1.244
50958	PCB CONGENER #187 (CL7), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	15	0.25	0.339	1.02	0.	0.135	0.367	0.	0.	0.5	1.02
50959	PCB CONGENER #128 (CL6), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	15 ##	0.	0.157	0.47	0.	0.04	0.199	0.	0.	0.42	0.464
50960	PCB CONGENER #180 (CL7), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	15	0.11	0.115	0.31	0.	0.013	0.116	0.	0.	0.23	0.298
50961	PCB CONGENER #170 (CL7), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	15 ##	0.	0.093	0.3	0.	0.013	0.113	0.	0.	0.2	0.264
50962	PCB CONGENER #195 (CL8), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	15 ##	0.	0.047	0.18	0.	0.004	0.06	0.	0.	0.1	0.15
50963	PCB CONGENER #206 (CL9), DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	15 ##	0.	0.018	0.15	0.	0.002	0.048	0.	0.	0.	0.132
50964	PCB CONGENER #209 (CL10),DRY WEIGHT,SEDIMENT UG/KG	04/17/93-04/17/93	15 ##	0.	0.008	0.12	0.	0.001	0.031	0.	0.	0.	0.048
61160	PCB CONGENER #126 SEDIMENT DRY WEIGHT UG/KG	04/17/93-04/17/93	15 ##	0.	0.191	0.81	0.	0.079	0.281	0.	0.	0.43	0.726
61161	PCB CONGENER # 77 SEDIMENT DRY WEIGHT UG/KG	04/17/93-04/17/93	15	1.11	1.513	3.93	0.25	1.467	1.211	0.256	0.33	2.6	3.336
75047	DIELDRIN SEDIMENT,DRY,WT,UG/KG	04/17/93-04/17/93	15	0.26	0.409	1.99	0.	0.248	0.498	0.072	0.13	0.43	1.396
75048	ENDRIN SEDIMENT,DRY,WT,UG/KG	04/17/93-04/17/93	15 ##	0.003	0.023	0.23	0.003	0.004	0.061	0.003	0.003	0.003	0.14
75049	MERCURY (HG) SEDIMENT,DRY,WT,UG/KG	04/17/93-04/17/93	12	178.5	196.417	480.	118.	8881.902	94.244	120.4	146.5	202.5	401.7
75558	BIPHENYL SEDIMENT,DRY WGT,UG/KG	04/17/93-04/17/93	15	16.	14.533	38.	5.	109.267	10.453	5.	5.	21.	30.8
78657	NONACHLOR, TRANS, SEDIMENT, DRY WEIGHT, UG/KG	04/17/93-04/17/93	15 ##	0.	0.023	0.2	0.	0.004	0.061	0.	0.	0.	0.164
78868	2-METHYLNAPHTHALENE IN SEDIMENT DRY WEIGHT UG/KG	04/17/93-04/17/93	15 ##	5.	13.867	46.	5.	179.124	13.384	5.	5.	24.	38.2
79800	MIREX SEDIMENT,DRY,WT,UG/KG	04/17/93-04/17/93	15 ##	0.001	0.001	0.001	0.001	0.	0.	0.001	0.001	0.001	0.001
81900	SEDIMENT CORE SAMPLE,UPPER DEPTH,REPORT IN INCHES	04/17/93-04/17/93	29	53.15	65.164	202.76	0.	2868.4	53.557	7.48	20.275	88.58	155.51
81901	SEDIMENT CORE SAMPLE, LOWER DEPTH,REPORT IN INCHES	04/17/93-04/17/93	29	55.12	67.363	206.69	0.39	2995.103	54.728	7.87	21.455	92.52	159.45
82478	CARBONATE,DISSOLVED FROM DRY DEPOSITION (MG/KG)	04/17/93-04/17/93	17	37500.	33800.	54000.	10400.	232740000.	15255.819	10640.	19500.	47600.	51200.

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

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

Station Inventory for Station: FOPU0086

NPS Station ID: FOPU0086
LAT/LON: 32.083059/ -81.036670
Agency: 1113S090
Date Created: / /
Location: SAVANNAH R MAIN CH AT FR JACKSON
FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 133015 /SR-3015 /S-11
RMI-Indexes: 0313010
Within Park Boundary: No
RMI-Miles: 0011.00
HUC: 03060109
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: SAVANNAH RIVER BASIN
ECO Region:
RF1 Index: 03060109003
RF1 Mile Point: 0.420
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 03060109001601.64
RF3 Mile Point: 1.63
Distance from RF3: 0.07
On/Off RF3:
Description:
CENTER LINE OF MAIN CHANNEL AT FORT JACKSON

Parameter Inventory for Station: FOPU0086

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

***** Data for this station locked by controlling agency *****

Station Inventory for Station: FOPU0087

NPS Station ID: FOPU0087
LAT/LON: 32.083059/ -81.037504
Agency: 1113GAWQ
Date Created: / /
Location: SAV. R. NEAR FORT JACKSON
FIPS State/County: 13000 GEORGIA/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 130004 /S-11 /G-051-04
RMI-Indexes: 0313050
Within Park Boundary: No
RMI-Miles: 0011.00
HUC: 03060109
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: SAVANNAH RIVER BASIN
ECO Region:
RF1 Index: 03060109003
RF1 Mile Point: 0.420
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 03060109062900.00
RF3 Mile Point: 0.50
Distance from RF3: 0.02
On/Off RF3:
Description:
STUDIES WERE CONDUCTED BY GEORGIA WATER QUALITY CONTROL BOARD (GWQCB), CORPS OF ENGINEERS, AND CHATHAM COUNTY HEALTH DEPARTMENT.
SAVANNAH RIVER-MAIN CHANNEL NEAR FORT JACKSON.

Parameter Inventory for Station: FOPU0087

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/05/71-10/05/71	1	29.	29.	29.	29.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/08/71-11/02/71	2	6150.	6150.	6600.	5700.	405000.	636.396	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	11/02/71-11/02/71	1	3.1	3.1	3.1	3.1	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/07/71-10/05/71	4	7.1	7.125	7.4	6.9	0.049	0.222	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/07/71-10/05/71	4	7.089	7.085	7.4	6.9	0.051	0.226	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/07/71-10/05/71	4	0.082	0.082	0.126	0.04	0.001	0.038	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	11/02/71-12/15/71	4	7.2	7.175	7.3	7.	0.022	0.15	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	11/02/71-12/15/71	4	7.189	7.155	7.3	7.	0.023	0.152	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/02/71-12/15/71	4	0.065	0.07	0.1	0.05	0.001	0.024	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/02/71-11/02/71	1	110.	110.	110.	110.	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/08/71-09/08/71	2	6.5	6.5	7.	6.	0.5	0.707	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: FOPU0087

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-11/14 Obs	6/01-11/14 Exceed	6/01-11/14 Prop.	11/15-3/31 Obs	11/15-3/31 Exceed	11/15-3/31 Prop.	4/01-5/31 Obs	4/01-5/31 Exceed	4/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	4	0	0.00	4	0	0.00									
		Other-Lo Lim.	6.5	4	0	0.00	4	0	0.00									
00403	PH, LAB	Fresh Chronic	9.	4	0	0.00	2	0	0.00	2	0	0.00						
		Other-Lo Lim.	6.5	4	0	0.00	2	0	0.00	2	0	0.00						

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

Station Inventory for Station: FOPU0088

NPS Station ID: FOPU0088 LAT/LON: 32.083338/ -81.000005 Agency: 21SC60WQ Date Created: 09/27/86
Location: SAVANNAH R. OPPOSITE COAST GUARD STATION FIPS State/County: 45053 SOUTH CAROLINA/JASPER
Station Type: /TYPA/AMBNT/FISH/ESTURY/SOLIDS/TISSUE STORET Station ID(s): MD-655
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03060109 Depth of Water: 3 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: SAVANNAH ECO Region:
RF1 Index: 03060109026 RF1 Mile Point: 10.070 Distance from RF1: 8.10 On/Off RF1: OFF
RF3 Index: 03050208002806.20 RF3 Mile Point: 6.71 Distance from RF3: 0.31 On/Off RF3:
Description:
SAMPLED BY SOUTH CAROLINA DEPT OF HEALTH AND ENVIRONMENTAL CONTROL FIRST REPORTING DATE: STORET MARCH 1984
STATION ESTABLISHED AS PART OF TREND MONITORING NETWORK SAVANNAH RIVER AT OYSTER BED ISLAND ACROSS FROM COAST GUARD STATION
JASPER COUNTY TRUE LATITUDE IS 32-02-21 AND STAION IS ACTUALLY IN GEORGIA
TRUE LONGITUDE IS 80-54-10

Parameter Inventory for Station: FOPU0088

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/15/85-06/19/95	7	2171.	2209.571	2261.	2171.	2314.286	48.107	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/15/85-06/19/95	4 ##	0.5	0.875	2.	0.5	0.563	0.75	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/15/85-06/19/95	4	33.	30.375	54.	1.5	471.229	21.708	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	03/15/85-06/19/95	4	8.15	7.6	13.	1.1	24.02	4.901	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	03/15/85-06/19/95	4	7.65	27.2	91.	2.5	1816.193	42.617	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	03/15/85-03/27/86	2	575.	575.	600.	550.	1250.	35.355	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/15/85-06/19/95	4	9.5	10.	20.	1.	64.667	8.042	**	**	**	**
01069	NICKEL, TOTAL IN FISH OR ANIMALS-WET WEIGHT MG/KG	03/15/85-06/19/95	7 ##	0.5	0.529	1.3	0.2	0.136	0.368	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	03/15/85-06/19/95	4	41.	35.125	58.	0.5	607.729	24.652	**	**	**	**
01361	SAMPLE LENGTH-MAXIMUM CM	07/15/86-07/07/87	2	16.35	16.35	17.	15.7	0.845	0.919	**	**	**	**
01362	SAMPLE WEIGHT-MAXIMUM G	07/15/86-07/07/87	2	232.	232.	240.	224.	128.	11.314	**	**	**	**
01370	SAMPLE, INDIVID BIOLOGICAL TISS MIN.WT.COMP. GRAMS	07/15/86-07/07/87	2	131.	131.	144.	118.	338.	18.385	**	**	**	**
01371	SAMPLE, AVERAGE LENGTH BIOLOGICAL TISS.COMP. CM	07/15/86-07/07/87	2	14.59	14.59	14.98	14.2	0.304	0.552	**	**	**	**
01372	SAMPLE,INDIVID BIOLOGICAL TISS.MIN.LENGTH CM	07/15/86-07/07/87	2	13.1	13.1	13.5	12.7	0.32	0.566	**	**	**	**
01373	SAMPLE, AVG WT BIOLOGICAL TISS OF COMPOSITE GRAMS	07/15/86-07/07/87	2	175.9	175.9	184.8	167.	158.42	12.587	**	**	**	**
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	03/15/85-06/19/95	4 ##	80.	97.5	150.	80.	1225.	35.	**	**	**	**
34204	ACENAPHTHYLENE WET WGTTISMG/KG	03/15/85-06/19/95	5 ##	0.08	0.108	0.15	0.08	0.001	0.038	**	**	**	**
34208	ACENAPHTHENE DRY WGTBOTUG/KG	03/15/85-06/19/95	4 ##	5.	41.25	150.	5.	5256.25	72.5	**	**	**	**
34209	ACENAPHTHENE WET WGTTISMG/KG	03/15/85-06/19/95	5 ##	0.005	0.063	0.15	0.005	0.006	0.079	**	**	**	**
34223	ANTHRACENE DRY WGTBOTUG/KG	03/15/85-06/19/95	4 ##	19.	51.75	150.	19.	4290.25	65.5	**	**	**	**
34224	ANTHRACENE WET WGTTISMG/KG	03/15/85-07/15/86	3 ##	0.019	0.027	0.043	0.019	0.	0.014	**	**	**	**
34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	03/15/85-06/19/95	4 ##	0.75	38.063	150.	0.75	5568.891	74.625	**	**	**	**
34234	BENZO(B)FLUORANTHENE,TISSUE,WET WGT,MG/KG	03/15/85-06/19/95	5 ##	0.009	0.062	0.15	0.001	0.006	0.08	**	**	**	**
34237	BENZENE DRY WGTBOTUG/KG	03/15/85-06/19/95	4 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34238	BENZENE WET WGTTISMG/KG	03/15/85-06/19/95	5 ##	0.01	0.014	0.028	0.01	0.	0.008	**	**	**	**
34241	BENZIDINE WET WGTTISMG/KG	03/15/85-03/15/85	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	03/15/85-06/19/95	4 ##	75.162	75.162	150.	0.325	7467.535	86.415	**	**	**	**
34246	BENZO(K)FLUORANTHENE, WET WT, TISSUE MG/KG	03/15/85-06/19/95	5 ##	0.009	0.062	0.15	0.001	0.006	0.08	**	**	**	**
34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	03/15/85-06/19/95	4 ##	0.65	37.988	150.	0.65	5576.356	74.675	**	**	**	**

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

Parameter Inventory for Station: FOPU0088

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34251	BENZO-A-PYRENE WET WGTTISMG/KG	03/15/85-06/19/95	5 ##	0.001	0.06	0.15	0.001	0.007	0.082	**	**	**	**
34252	BERYLLIUM WET WGTTISMG/KG	07/07/87-07/07/87	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34257	B-BHC-BETA DRY WGTBOTUG/KG	03/15/85-06/19/95	4 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	03/15/85-06/19/95	4 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34277	BIS (2-CHLOROETHYL) ETHER WET WGTTISMG/KG	03/15/85-06/19/95	3 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	03/15/85-06/19/95	4 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34282	BIS (2-CHLOROETHOXY) METHANE WET WGTTISMG/KG	03/15/85-06/19/95	3 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	03/15/85-06/19/95	4 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34287	BIS (2-CHLOROISOPROPYL) ETHER WET WGTTISMG/KG	03/15/85-06/19/95	3 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
34290	BROMOFORM DRY WGTBOTUG/KG	03/15/85-06/19/95	4 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34291	BROMOFORM WET WGTTISMG/KG	03/15/85-06/19/95	5 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34299	CARBON TETRACHLORIDE DRY WGTBOTUG/KG	03/15/85-06/19/95	4 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34300	CARBON TETRACHLORIDE WET WGTTISMG/KG	03/15/85-06/19/95	5 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34301	CHLOROBENZENE TOTWUG/L	06/19/95-06/19/95	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34304	CHLOROBENZENE DRY WGTBOTUG/KG	03/15/85-03/09/87	3 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34305	CHLOROBENZENE WET WGTTISMG/KG	03/15/85-06/19/95	5 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34310	CHLORODIBROMOMETHANE WET WGTTISMG/KG	03/15/85-06/19/95	5 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34314	CHLOROETHANE DRY WGTBOTUG/KG	03/15/85-06/19/95	4 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34315	CHLOROETHANE WET WGTTISMG/KG	03/15/85-06/19/95	5 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34318	CHLOROFORM DRY WGTBOTUG/KG	03/15/85-06/19/95	4 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34319	CHLOROFORM WET WGTTISMG/KG	03/15/85-06/19/95	5 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34323	CHRYSENE DRY WGTBOTUG/KG	03/15/85-06/19/95	4 ##	4.	40.5	150.	4.	5329.	73.	**	**	**	**
34324	CHRYSENE WET WGTTISMG/KG	03/15/85-06/19/95	5 ##	0.035	0.069	0.15	0.004	0.006	0.075	**	**	**	**
34330	DICHLOROBROMOMETHANE DRY WGTBOTUG/KG	03/15/85-06/19/95	4 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34331	DICHLOROBROMOMETHANE WET WGTTISMG/KG	03/15/85-06/19/95	5 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	03/15/85-06/19/95	4 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34340	DIETHYL PHTHALATE WET WGTTISMG/KG	03/15/85-06/19/95	3 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	03/15/85-06/19/95	4 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34345	DIMETHYL PHTHALATE WET WGTTISMG/KG	03/15/85-06/19/95	3 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	03/15/85-06/19/95	3 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34355	ENDOSULFAN SULFATE WET WGTTISMG/KG	06/19/95-06/19/95	2 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	03/15/85-06/19/95	3 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34360	ENDOSULFAN, BETA WET WGTTISMG/KG	06/19/95-06/19/95	2 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	03/15/85-06/19/95	3 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34365	ENDOSULFAN, ALPHA WET WGTTISMG/KG	06/19/95-06/19/95	2 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	03/15/85-06/19/95	3 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34370	ENDRIN ALDEHYDE WET WGTTISMG/KG	06/19/95-06/19/95	2 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34374	ETHYLBENZENE DRY WGTBOTUG/KG	03/15/85-06/19/95	4 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34375	ETHYLBENZENE WET WGTTISMG/KG	03/15/85-06/19/95	5 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34379	FLUORANTHENE DRY WGTBOTUG/KG	03/15/85-06/19/95	4 ##	1.5	38.625	150.	1.5	5513.063	74.25	**	**	**	**
34380	FLUORANTHENE WET WGTTISMG/KG	03/15/85-06/19/95	5 ##	0.002	0.061	0.15	0.002	0.007	0.081	**	**	**	**
34384	FLUORENE DRY WGTBOTUG/KG	03/15/85-06/19/95	4 ##	16.	49.5	150.	16.	4489.	67.	**	**	**	**
34385	FLUORENE WET WGTTISMG/KG	03/15/85-06/19/95	5 ##	0.016	0.07	0.15	0.016	0.005	0.073	**	**	**	**
34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	03/15/85-06/19/95	4 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34390	HEXACHLOROCYCLOPENTADIENE WET WGTTISMG/KG	03/15/85-06/19/95	3 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
34395	HEXACHLOROBUTADIENE WET WGTTISMG/KG	03/15/85-06/19/95	3 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	03/15/85-06/19/95	4 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34400	HEXACHLOROETHANE WET WGTTISMG/KG	03/15/85-06/19/95	3 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	03/15/85-06/19/95	4 ##	0.975	38.15	150.	0.65	5560.282	74.567	**	**	**	**
34407	INDENO (1,2,3-CD) PYRENE WET WGTTISMG/KG	03/15/85-06/19/95	5 ##	0.001	0.06	0.15	0.001	0.007	0.082	**	**	**	**
34411	ISOPHORONE DRY WGTBOTUG/KG	03/15/85-06/19/95	4 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34412	ISOPHORONE WET WGTTISMG/KG	03/15/85-06/19/95	3 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
34426	METHYLENE CHLORIDE DRY WGTBOTUG/KG	03/15/85-06/19/95	4 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34427	METHYLENE CHLORIDE WET WGTTISMG/KG	03/15/85-06/19/95	5 ##	0.01	0.06	0.26	0.01	0.013	0.112	**	**	**	**
34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	03/15/85-06/19/95	4 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34432	N-NITROSODI-N-PROPYLAMINE WET WGTTISMG/KG	03/15/85-06/19/95	3 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	03/15/85-06/19/95	4 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34437	N-NITROSODIPHENYLAMINE WET WGTTISMG/KG	03/15/85-06/19/95	3 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
34441	N-NITROSODIMETHYLAMINE DRY WGTBOTUG/KG	03/15/85-06/19/95	4 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34442	N-NITROSODIMETHYLAMINE WET WGTTISMG/KG	03/15/85-06/19/95	3 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
34445	NAPHTHALENE DRY WGTBOTUG/KG	03/15/85-06/19/95	4 ##	16.	49.5	150.	16.	4489.	67.	**	**	**	**
34446	NAPHTHALENE WET WGTTISMG/KG	03/15/85-06/19/95	5 ##	0.016	0.07	0.15	0.016	0.005	0.073	**	**	**	**
34450	NITROBENZENE DRY WGTBOTUG/KG	03/15/85-06/19/95	4 ##	150.	150.	150.	150.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: FOPU0088

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34451	NITROBENZENE WET WGTTISMG/KG	03/15/85-06/19/95	3 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
34456	PARACHLOROMETA CRESOL WET WGTTISMG/KG	03/15/85-06/19/95	3 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
34464	PHENANTHRENE DRY WGTBOTUG/KG	03/15/85-06/19/95	4 ##	9.	43.	150.	4.	5110.667	71.489	**	**	**	**
34465	PHENANTHRENE WET WGTTISMG/KG	03/15/85-06/19/95	5 ##	0.004	0.062	0.15	0.001	0.006	0.081	**	**	**	**
34468	PHENOL WET WGTTISMG/KG	03/15/85-06/19/95	3 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
34472	PYRENE DRY WGTBOTUG/KG	03/15/85-06/19/95	4 ##	4.	40.5	150.	4.	5329.	73.	**	**	**	**
34473	PYRENE WET WGTTISMG/KG	03/15/85-06/19/95	5 ##	0.004	0.062	0.15	0.001	0.006	0.081	**	**	**	**
34474	SILVER WET WGTTISMG/KG	07/07/87-07/07/87	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34478	TETRACHLOROETHYLENE DRY WGTBOTUG/KG	03/15/85-06/19/95	4 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34479	TETRACHLOROETHYLENE WET WGTTISMG/KG	03/15/85-06/19/95	5 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34483	TOLUENE DRY WGTBOTUG/KG	03/15/85-06/19/95	4 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34484	TOLUENE WET WGTTISMG/KG	03/15/85-06/19/95	5 ##	0.01	0.011	0.013	0.01	0.	0.001	**	**	**	**
34487	TRICHLOROETHYLENE DRY WGTBOTUG/KG	03/15/85-06/19/95	4 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34491	TRICHLOROFLUOROMETHANE DRY WGTBOTUG/KG	03/15/85-06/19/95	4 ##	15.	15.	20.	10.	33.333	5.774	**	**	**	**
34492	TRICHLOROFLUOROMETHANE WET WGTTISMG/KG	03/15/85-06/19/95	5 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34495	VINYL CHLORIDE DRY WGTBOTUG/KG	03/15/85-06/19/95	4 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34499	1,1-DICHLOROETHANE DRY WGTBOTUG/KG	03/15/85-06/19/95	4 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34500	1,1-DICHLOROETHANE WET WGTTISMG/KG	03/15/85-06/19/95	5 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34504	1,1-DICHLOROETHYLENE DRY WGTBOTUG/KG	03/15/85-06/19/95	4 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34505	1,1-DICHLOROETHYLENE WET WGTTISMG/KG	03/15/85-06/19/95	5 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34509	1,1,1-TRICHLOROETHANE DRY WGTBOTUG/KG	03/15/86-06/19/95	4 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34510	1,1,1-TRICHLOROETHANE WET WGTTISMG/KG	03/15/85-06/19/95	5 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34514	1,1,2-TRICHLOROETHANE DRY WGTBOTUG/KG	03/15/85-06/19/95	4 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34515	1,1,2-TRICHLOROETHANE WET WGTTISMG/KG	03/15/85-06/19/95	5 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34519	1,1,2,2-TETRACHLOROETHANE DRY WGTBOTUG/KG	03/15/85-06/19/95	4 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34520	1,1,2,2-TETRACHLOROETHANE WET WGTTISMG/KG	03/15/85-06/19/95	5 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	03/15/85-06/19/95	3 ##	150.	100.217	150.	0.65	7435.141	86.227	**	**	**	**
34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	03/15/85-06/19/95	4 ##	0.4	37.8	150.	0.4	5595.04	74.8	**	**	**	**
34530	BENZO(A)ANTHRACENE1,2-BENZANTHRACENWET WGTTISMG/KG	03/15/85-06/19/95	5 ##	0.001	0.06	0.15	0.001	0.007	0.082	**	**	**	**
34534	1,2-DICHLOROETHANE DRY WGTBOTUG/KG	03/15/85-06/19/95	4 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34535	1,2-DICHLOROETHANE WET WGTTISMG/KG	03/15/85-06/19/95	5 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	03/15/85-06/19/95	4 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34540	1,2-DICHLOROBENZENE WET WGTTISMG/KG	03/15/85-06/19/95	5 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34544	1,2-DICHLOROPROPANE DRY WGTBOTUG/KG	03/15/85-06/19/95	4 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34545	1,2-DICHLOROPROPANE WET WGTTISMG/KG	03/15/85-06/19/95	5 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34549	TRANS-1,2-DICHLOROETHENE, IN SED. DRY WT. UG/KG	03/15/85-06/19/95	4 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34550	TRANS-1,2-DICHLOROETHENE, IN TISSUE, WET WT. MG/KG	03/15/85-06/19/95	5 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	03/15/85-06/19/95	4 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34555	1,2,4-TRICHLOROBENZENE WET WGTTISMG/KG	03/15/85-06/19/95	3 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	03/15/85-06/19/95	3 ##	0.65	50.433	150.	0.65	7435.141	86.227	**	**	**	**
34560	1,2,5,6-DIBENZANTHRACENE WET WGTTISMG/KG	06/19/95-06/19/95	2 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	03/15/85-06/19/95	4 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34570	1,3-DICHLOROBENZENE WET WGTTISMG/KG	03/15/85-06/19/95	5 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	03/15/85-06/19/95	4 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34575	1,4-DICHLOROBENZENE WET WGTTISMG/KG	03/15/85-06/19/95	5 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34579	2-CHLOROETHYL VINYL ETHER DRY WGTBOTUG/KG	03/15/85-06/19/95	4 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34580	2-CHLOROETHYL VINYL ETHER WET WGTTISMG/KG	03/15/85-06/19/95	5 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	03/15/85-06/19/95	4 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34585	2-CHLORONAPHTHALENE WET WGTTISMG/KG	03/15/85-06/19/95	3 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
34589	2-CHLOROPHENOL DRY WGTBOTUG/KG	03/15/85-06/19/95	4 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34590	2-CHLOROPHENOL WET WGTTISMG/KG	03/15/85-06/19/95	3 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
34594	2-NITROPHENOL DRY WGTBOTUG/KG	03/15/85-06/19/95	4 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34595	2-NITROPHENOL WET WGTTISMG/KG	03/15/85-06/19/95	3 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	03/15/85-06/19/95	4 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34600	DI-N-OCTYL PHTHALATE WET WGTTISMG/KG	03/15/85-06/19/95	3 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
34604	2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	03/15/85-06/19/95	4 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34605	2,4-DICHLOROPHENOL WET WGTTISMG/KG	03/15/85-06/19/95	3 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	03/15/85-06/19/95	4 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34610	2,4-DIMETHYLPHENOL WET WGTTISMG/KG	03/15/85-06/19/95	3 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
34614	2,4-DINITROTOLUENE DRY WGTBOTUG/KG	03/15/85-06/19/95	4 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34615	2,4-DINITROTOLUENE WET WGTTISMG/KG	03/15/85-06/19/95	3 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
34619	2,4-DINITROPHENOL DRY WGTBOTUG/KG	03/15/85-03/09/87	3 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34620	2,4-DINITROPHENOL WET WGTTISMG/KG	03/15/85-03/15/85	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**

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

Parameter Inventory for Station: FOPU0088

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34624	2,4,6-TRICHLOROPHENOL DRY WGTBOTUG/KG	03/15/85-06/19/95	4 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34625	2,4,6-TRICHLOROPHENOL WET WGTTISMG/KG	03/15/85-06/19/95	3 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
34629	2,6-DINITROTOLUENE DRY WGTBOTUG/KG	03/15/85-06/19/95	4 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34630	2,6-DINITROTOLUENE WET WGTTISMG/KG	03/15/85-06/19/95	3 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
34634	3,3'-DICHLOROBENZIDINE DRY WGTBOTUG/KG	03/15/85-06/19/95	4 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34635	3,3'-DICHLOROBENZIDINE WET WGTTISMG/KG	03/15/85-06/19/95	3 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
34638	4-BROMOPHENYL PHENYL ETHER SUSPUG/L	03/15/85-03/15/85	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
34639	4-BROMOPHENYL PHENYL ETHER DRY WGTBOTUG/KG	03/15/85-06/19/95	4 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34640	4-BROMOPHENYL PHENYL ETHER WET WGTTISMG/KG	03/15/85-06/19/95	3 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
34644	4-CHLOROPHENYL PHENYL ETHER DRY WGTBOTUG/KG	03/15/85-06/19/95	4 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34645	4-CHLOROPHENYL PHENYL ETHER WET WGTTISMG/KG	03/15/85-06/19/95	3 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
34649	4-NITROPHENOL DRY WGTBOTUG/KG	03/15/85-06/19/95	4 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34650	4-NITROPHENOL WET WGTTISMG/KG	03/15/85-06/19/95	3 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
34661	DNOC (4,6-DINITRO-ORTHO-CRESOL) WET WGTTISMG/KG	03/15/85-06/19/95	3 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
34664	PCB - 1221 WET WGTTISMG/KG	06/19/95-06/19/95	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34667	PCB - 1232 WET WGTTISMG/KG	06/19/95-06/19/95	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34669	PCB - 1248 WET WGTTISMG/KG	06/19/95-06/19/95	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34670	PCB - 1260 WET WGTTISMG/KG	06/19/95-06/19/95	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34674	PCB - 1016 WET WGTTISMG/KG	06/19/95-06/19/95	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34683	DI-N-BUTYL PHTHALATE,TISSUE,WET WGTWET WGT	06/19/95-06/19/95	2 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
34688	HEXACHLOROBENZENE WET WGTTISMG/KG	03/15/85-06/19/95	3 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
34689	PCB - 1242 WET WGTTISMG/KG	06/19/95-06/19/95	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34690	PCB - 1254 WET WGTTISMG/KG	06/19/95-06/19/95	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34692	TRICHLOROETHYLENE WET WGTTISMG/KG	03/15/85-06/19/95	5 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34693	VINYL CHLORIDE WET WGTTISMG/KG	03/15/85-06/19/95	5 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34695	PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGTTUG/KG	03/15/85-06/19/95	4 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
34697	TRANS-1,3-DICHLOROPROPENE SEDIMENT DRY WGT UG/KG	03/15/85-06/19/95	4 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34698	TRANS-1,3-DICHLOROPROPENEFISH TISSUE WET WGT MG/KG	03/15/85-06/19/95	5 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34702	CIS-1,3-DICHLOROPROPENE SEDIMENT DRY WEIGHT UG/KG	03/15/85-06/19/95	4 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34703	CIS-1,3-DICHLOROPROPENE FISH TISSUE WET WGT MG/KG	03/15/85-06/19/95	5 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39060	PCP (PENTACHLOROPHENOL) IN TISSUE WET WGT UG/G	03/15/85-06/19/95	3 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	03/15/85-06/19/95	5 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	03/15/85-06/19/95	4 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39099	BIS(2-ETHYLHEXYL)PHTHALATE,TISSUE,WET WGT,MG/KG	03/15/85-06/19/95	3 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	03/15/85-06/19/95	4 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	03/15/85-06/19/95	4 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
39121	BENZIDINE IN BOTTOM DEPOS UG/KG DRY SOLIDS	03/15/85-03/09/87	3 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	03/15/85-06/19/95	4 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39302	P P DDT IN TISSUE WET WGT (UG/G)	06/19/95-06/19/95	2 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
39306	O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	03/15/85-03/09/87	3 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	03/15/85-06/19/95	4 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39312	P P DDD IN TISSUE WET WGT (UG/G)	06/19/95-06/19/95	2 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
39316	O,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	03/15/85-03/09/87	3 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	03/15/85-06/19/95	4 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39322	P,P'-DDE IN TISSUE WET WGT MG/KG	06/19/95-06/19/95	2 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
39328	O,P'DDE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	03/15/85-03/09/87	3 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	03/15/85-06/19/95	4 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39334	ALDRIN IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	03/15/85-06/19/95	5 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39349	CHLORDANE IN FISH OR ANIMALS WET WGT UG/KG	03/15/85-06/19/95	5 ##	2.5	6.5	12.5	2.5	30.	5.477	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	03/15/85-06/19/95	3 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39364	DDD IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	03/15/85-07/15/86	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39369	DDE IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	03/15/85-07/15/86	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	03/15/85-03/27/86	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39374	DDT IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	03/15/85-07/15/86	3 ##	2.5	8.033	19.1	2.5	91.853	9.584	**	**	**	**
39376	DDT SUM ANALOGS INTISSUE WET WGT BASIS	03/15/85-07/15/86	3 ##	0.003	0.008	0.02	0.003	0.	0.01	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	03/15/85-06/19/95	4 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39387	DIELDRIN IN SHELLFISH OR ANIMAL (UG/KG WET WGT)	03/15/85-06/19/95	5 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	03/15/85-06/19/95	4 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39397	ENDRIN IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	03/15/85-06/19/95	5 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	03/15/85-03/09/87	3 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	03/15/85-06/19/95	4 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39407	TOXAPHENE IN FISH OR ANIMAL(UG/KG WET WEIGHT)	03/15/85-06/19/95	5 ##	2.5	26.5	62.5	2.5	1080.	32.863	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	03/15/85-06/19/95	4 ##	1.	1.	1.	1.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: FOPU0088

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39414	HEPTACHLOR IN SHELLFISH OR ANIMAL (UG/KG WET WGT)	03/15/85-06/19/95	5 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	03/15/85-06/19/95	4 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39424	HEPTACHLOR EPOXIDE IN SHELLFISH OR ANIMAL WET WGT	03/15/85-06/19/95	5 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	03/15/85-03/09/87	3 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39482	METHOXYCHLOR IN FISH - UG/KG	03/15/85-07/15/86	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	03/15/85-03/09/87	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	03/15/85-06/19/95	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	03/15/85-06/19/95	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	03/15/85-06/19/95	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	03/15/85-06/19/95	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	03/15/85-06/19/95	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	03/15/85-06/19/95	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39515	PCBS (MG/KG) FISH TISSUE MG/KG	03/15/85-07/15/86	3 ##	0.025	0.058	0.123	0.025	0.003	0.057	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	03/15/85-03/09/87	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	03/15/85-03/09/87	3 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
39534	MALATHION IN TISSUE WET WEIGHT MG/KG	03/15/85-07/15/86	3 ##	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	03/15/85-03/09/87	3 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	03/15/85-03/09/87	3 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
39581	GUTHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	03/15/85-03/09/87	3 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	03/15/85-06/19/95	4 ##	76.	76.	150.	2.	7301.333	85.448	**	**	**	**
39703	HEXACHLOROBENZENE IN FISH OR ANIMALS WET WGT UG/K	03/15/85-07/15/86	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	03/15/85-06/19/95	4 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	03/15/85-03/09/87	2 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	03/15/85-06/19/95	4 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39784	LINDANE IN SHELLFISH OR ANIMAL WET WEIGHT UG/KG	03/15/85-06/19/95	5 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	03/15/85-03/09/87	3 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
45012	HEXADECENOIC ACID TISWET MG/KG	03/15/85-03/15/85	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
45087	METHYL PENTANOIC ACID TISWET MG/KG	03/27/86-03/27/86	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
45582	ORGANICS, ACID EXTRACTABLE, NUMBER DETECTED	03/15/85-07/15/86	5	0.	0.6	3.	0.	1.8	1.342	**	**	**	**
45583	ORGANICS, BASE-NEUTRAL EXTRACTABLE,NUMBER DETECTED	03/15/85-07/15/86	5	0.	0.8	4.	0.	3.2	1.789	**	**	**	**
46332	RONNEL IN TISSUE WET WEIGHT MG/KG	03/15/85-07/15/86	3 ##	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
46335	ETHION IN TISSUE WET WEIGHT MG/KG	03/15/85-07/15/86	3 ##	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
47462	FEMALES IN ENTIRE SAMPLE OR CATCH NUMBER	07/15/86-07/07/87	2	4.	4.	4.	4.	0.	0.	**	**	**	**
47463	MALES IN ENTIRE SAMPLE OR CATCH NUMBER	07/15/86-07/07/87	2	10.	10.	14.	6.	32.	5.657	**	**	**	**
71232	MALES PERCENT	07/15/86-07/07/87	2	31.	31.	40.	22.	162.	12.728	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	03/15/85-06/19/95	4 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	03/15/85-06/19/95	7 ##	0.125	0.125	0.125	0.125	0.	0.	**	**	**	**
71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	03/15/85-06/19/95	7 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	03/15/85-06/19/95	7	10.	9.457	16.	4.4	18.236	4.27	**	**	**	**
71938	ZINC,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	03/15/85-06/19/95	7	240.	181.	340.	28.	21200.333	145.603	**	**	**	**
71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	03/15/85-06/19/95	7 ##	0.5	0.729	2.	0.1	0.502	0.709	**	**	**	**
71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	03/15/85-06/19/95	7	0.2	0.311	0.6	0.1	0.057	0.239	**	**	**	**
75212	BENZYL ALCOHOL SEDIMENT,DRY WGT,UG/KG	03/15/85-06/19/95	4 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
75315	BENZOIC ACID SEDIMENT,DRY WGT,UG/KG	03/15/85-06/19/95	4 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
75647	DIBENZOFURAN SEDIMENT,DRY WGT,UG/KG	03/15/85-06/19/95	4 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
76184	BENZYL ALCOHOL TISSUE ,WET WGT,MG/KG	03/15/85-06/19/95	3 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
76287	BENZOIC ACID TISSUE ,WET WGT,MG/KG	03/15/85-06/19/95	3 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
76619	DIBENZOFURAN TISSUE ,WET WGT,MG/KG	03/15/85-06/19/95	3 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
76820	TETRADECANOIC ACID TISSUE ,WET WGT,MG/KG	03/15/85-03/15/85	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
76839	PENTADECANOIC ACID TISSUE ,WET WGT,MG/KG	03/15/85-03/15/85	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
78195	DIBROMOCHLOROMETHANE SEDDRYWTUG/KG	03/15/85-06/19/95	4 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
78299	2-NITROANILINE IN SEDIMENT, DRY WEIGHT UG/KG	03/15/85-06/19/95	4 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	03/15/85-03/27/86	2 ##	0.65	0.65	0.65	0.65	0.	0.	**	**	**	**
78401	2,4,5-TRICHLOROPHENOL IN SEDIMENT,DRY WEIGHT,UG/KG	03/15/85-06/19/95	4 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
78453	PCB 1262, SEDIMENT, DRY WEIGHT, UG/KG	03/15/85-03/09/87	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
78800	BUTYL BENZYL PHTHALATE IN SEDIMENT DRY WT UG/KG	03/15/85-06/19/95	3 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
78803	P-CRESOL (4-METHYL PHENOL) IN SED DRY WGT UG/KG	03/15/85-06/19/95	4 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
78828	BENZO(GHI)PERYLENE IN SEDIMENT DRY WEIGHT UG/KG	03/15/85-03/27/86	2 ##	0.65	0.65	0.65	0.65	0.	0.	**	**	**	**
78866	ANILINE IN SEDIMENT DRY WEIGHT UG/KG	03/15/85-06/19/95	4 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
78867	4-CHLOROANILINE IN SEDIMENT DRY WEIGHT UG/KG	03/15/85-06/19/95	4 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
78868	2-METHYLNAPHTHALENE IN SEDIMENT DRY WEIGHT UG/KG	03/15/85-06/19/95	4 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
78869	3-NITROANILINE IN SEDIMENT DRY WEIGHT UG/KG	03/15/85-06/19/95	4 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
78870	4-NITROANILINE IN SEDIMENT DRY WEIGHT UG/KG	03/15/85-06/19/95	4 ##	150.	150.	150.	150.	0.	0.	**	**	**	**

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Parameter Inventory for Station: FOPU0088

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
78872	2-METHYLPENOL(O-CRESOL) SEDIMENT DRY WEIGHT UG/KG	03/15/85-06/19/95	4 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
78873	PENTACHLOROPHENOL IN SEDIMENT DRY WEIGHT UG/KG	03/15/85-06/19/95	4 ##	150.	150.	150.	150.	0.	0.	**	**	**	**
79009	HEXANAL IN FISH UG/KG	03/15/85-03/09/87	2	10.01	10.01	20.	0.02	199.6	14.128	**	**	**	**
79038	BUTYLBENZYL PHTHALATE TISWETWTMG/KG	06/19/95-06/19/95	2 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
79040	DIBENZ(A,H)ANTHRACENE TISWETWTMG/KG	03/15/85-07/15/86	3 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
79041	BENZO(GHI)PERYLENE TISWETWTMG/KG	03/15/85-06/19/95	5 ##	0.001	0.06	0.15	0.001	0.007	0.082	**	**	**	**
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	03/15/85-06/19/95	7	15.	16.857	30.	10.	39.143	6.256	**	**	**	**
81645	MIREX IN FISH TISSUE WET WEIGHT UG/G	03/15/85-07/15/86	3 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
81802	GUTHION IN FISH TISSUE,WET WEIGHT MG/KG	03/15/85-07/15/86	3 ##	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
81806	DIAZINON IN FISH TISSUE WET WEIGHT, MG/KG	03/15/85-07/15/86	3 ##	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
81809	METHYL PARATHION IN FISH TISSUE WET WEIGHT MG/KG	03/15/85-07/15/86	3 ##	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
81810	PARATHION IN FISH TISSUE WET WEIGHT MG/KG	03/15/85-07/15/86	3 ##	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
81820	BETA-BHC IN SHELLFISH TISSUE WET WEIGHT UG/KG	03/15/85-06/19/95	5 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82005	PERCENT TOTAL CARBON(INORG.&ORG.) IN SED DRY WGT	03/15/85-03/15/85	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
82643	PHOSDRIN (MEVINPHOS), SEDIMENT, DRY WEIGHT, UG/KG	03/27/86-03/27/86	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: FOPU0088

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-11/14 Obs	6/01-11/14 Exceed	6/01-11/14 Prop.	11/15-3/31 Obs	11/15-3/31 Exceed	11/15-3/31 Prop.	4/01-5/31 Obs	4/01-5/31 Exceed	4/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.

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

Station Inventory for Station: FOPU0089

NPS Station ID: FOPU0089
LAT/LON: 32.083338/ -81.037227
Agency: 21GAEPD
Date Created: / /
Location: SAVANNAH RIVER - FORT JACKSON
FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 01021001
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03060109
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: SAVANNAH RIVER
ECO Region:
RF1 Index: 03060109003
RF1 Mile Point: 0.420
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 03060109001602.78
RF3 Mile Point: 4.46
Distance from RF3: 0.07
On/Off RF3:
Description:

Parameter Inventory for Station: FOPU0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/27/70-12/10/98	598	3.	10.687	30.	0.	75.358	8.681	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/25/70-12/10/98	608	20.	19.793	30.1	6.	45.249	6.727	10.	13.8	26.	28.31
00019	SAMPLE WEIGHT IN GRAMS	06/04/90-06/04/90	1	2000.	2000.	2000.	2000.	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/04/72-12/10/98	513	22.	20.388	36.	0.	65.221	8.076	8.7	14.15	26.1	30.
00039	SAMPLE LENGTH IN MILLIMETERS	06/04/90-06/04/90	1	508.	508.	508.	508.	0.	0.	**	**	**	**
00065	STAGE, STREAM (FEET)	02/02/72-10/31/84	149	5.2	47.909	6320.	0.3	267611.929	517.312	1.3	2.6	8.6	10.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/02/72-02/03/77	70	19.	28.314	208.	2.	1038.161	32.221	7.1	11.75	31.25	61.7
00080	COLOR (PLATINUM-COBALT UNITS)	07/02/74-12/10/98	513	20.	28.896	150.	2.5	470.199	21.684	10.	10.	40.	55.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-12/10/98	522	12150.	11704.136	29200.	4.	45984018.505	6781.152	1923.	6475.	16200.	20440.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/27/70-12/10/98	566	11285.	11375.961	72500.	5.	45027006.59	6710.217	2436.4	6338.25	16000.	19800.
00300p	OXYGEN, DISSOLVED MG/L	01/27/70-12/10/98	606	6.	6.163	11.	0.6	4.272	2.067	3.7	4.6	7.8	9.13
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/27/70-12/10/98	593	0.9	0.978	6.2	0.05	0.324	0.569	0.5	0.6	1.2	1.6
00312	BOD, 6 DAY, 20 DEG C MG/L	05/21/85-10/08/91	6	1.2	1.333	2.1	0.9	0.203	0.45	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	01/02/90-09/17/98	44	31.55	38.477	192.	2.5	797.176	28.234	19.35	25.55	44.	61.8
00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	11/28/73-07/14/93	10	55985.	51343.1	90630.	4491.	675386833.878	25988.206	6521.9	27950.	67792.5	89700.
00400	PH (STANDARD UNITS)	01/15/74-12/10/98	506	6.9	6.933	8.2	1.1	0.273	0.523	6.4	6.7	7.2	7.5
00400	CONVERTED PH (STANDARD UNITS)	01/15/74-12/10/98	506	6.9	3.804	8.2	1.1	10.089	3.176	6.4	6.7	7.2	7.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-12/10/98	506	0.126	157.2	79432.823	0.00612469444.395	3531.21	0.032	0.063	0.2	0.398	
00403p	PH, LAB, STANDARD UNITS SU	01/27/70-12/10/98	603	7.3	7.25	8.1	0.5	0.183	0.428	6.9	7.1	7.5	7.6
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/27/70-12/10/98	603	7.3	3.28	8.1	0.5	15.972	3.996	6.9	7.1	7.5	7.6
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/27/70-12/10/98	603	0.05	524.536	316227.766	0.0081658373 62.218	12877.786	0.025	0.032	0.079	0.126	
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/27/70-12/10/98	577	44.	43.251	80.	1.	210.984	14.525	22.	33.	55.	61.
00480	SALINITY - PARTS PER THOUSAND	02/05/74-06/25/91	395	7.8	7.529	18.	0.	16.399	4.05	2.06	4.5	10.4	12.68
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	07/20/74-07/20/74	1	42.	42.	42.	42.	0.	0.	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/27/70-12/10/98	585	24.	38.529	690.	0.5	2899.314	53.845	9.6	15.	39.	73.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/07/74-12/10/98	522	0.12	0.139	1.6	0.01	0.012	0.111	0.06	0.09	0.17	0.22
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/77-12/10/98	168	0.4	0.529	2.4	0.05	0.11	0.332	0.2	0.4	0.6	0.9
00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	11/28/73-11/28/73	1	1100.	1100.	1100.	1100.	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/07/74-12/10/98	521	0.18	0.193	0.63	0.01	0.02	0.141	0.01	0.07	0.275	0.39
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/07/74-12/10/98	522	0.09	0.109	1.04	0.02	0.006	0.077	0.06	0.07	0.12	0.18
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	01/23/73-12/10/98	520	5.5	6.209	22.	0.5	11.129	3.336	3.	4.	7.3	10.
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	07/17/91-07/14/93	2 ##	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00721	CYANIDE IN BOTTOM DEPOSITS (MG/KG AS CN DRY WGT)	07/17/91-07/14/93	2 ##	0.565	0.565	0.71	0.42	0.042	0.205	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/02/74-01/13/77	19	557.	884.579	2580.	10.	665300.924	815.66	128.	187.	1800.	2280.
00916	CALCIUM, TOTAL (MG/L AS CA)	07/20/74-07/14/93	3	8.8	24.667	62.	3.2	1053.173	32.453	**	**	**	**
00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	07/17/91-07/14/93	2	2995.	2995.	5500.	490.	12550050.	3542.605	**	**	**	**
00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	07/17/91-07/14/93	2	3080.	3080.	5400.	760.	10764800.	3280.975	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/20/74-07/14/93	3	12.	57.633	160.	0.9	7890.003	88.826	**	**	**	**

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

Parameter Inventory for Station: FOPU0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00929	SODIUM, TOTAL (MG/L AS NA)	07/20/74-07/14/93	3	95.	349.333	950.	3.	272716.333	522.222	**	**	**	**
00934	SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	07/17/91-07/14/93	2	2400.	2400.	4200.	600.	6480000.	2545.584	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	07/20/74-07/14/93	3	2.5	17.333	48.	1.5	705.583	26.563	**	**	**	**
00938	POTASSIUM IN BOTTOM DEPOSITS (MG/KG AS K DRY WGT)	07/17/91-07/14/93	2 ##	1685.	1685.	2900.	470.	2952450.	1718.269	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/27/70-12/10/98	576	4041.	4016.738	10710.	4.	5487394.027	2342.519	684.9	2085.	5775.75	7222.9
00945	SULFATE, TOTAL (MG/L AS SO4)	07/20/74-12/10/98	9	470.	481.	990.	3.	117034.5	342.103	3.	153.	780.	990.
00951	FLUORIDE, TOTAL (MG/L AS F)	01/09/97-12/10/98	14 ##	3.95	4.368	10.	0.05	9.173	3.029	0.375	2.288	6.25	10.
01002	ARSENIC, TOTAL (UG/L AS AS)	11/28/73-07/14/93	11 ##	10.	12.727	50.	2.5	179.318	13.391	3.	5.	12.5	44.
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	11/01/77-07/14/93	10	13.	10.98	19.	2.5	42.837	6.545	2.55	4.5	17.5	19.
01007	BARIUM, TOTAL (UG/L AS BA)	07/17/91-07/14/93	2	13.	13.	16.	10.	18.	4.243	**	**	**	**
01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	07/17/91-07/14/93	2	19.75	19.75	32.	7.5	300.125	17.324	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	07/17/91-07/14/93	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	07/17/91-07/14/93	2 ##	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	11/28/73-07/14/93	12 ##	5.	14.446	50.	0.35	235.676	15.352	0.995	2.625	25.	42.5
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/28/73-07/14/93	11 ##	0.5	1.918	8.1	0.5	5.164	2.272	0.5	0.5	2.5	6.98
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/28/73-07/14/93	11	23.	21.391	45.	4.	155.381	12.465	5.	10.	30.3	42.8
01034	CHROMIUM, TOTAL (UG/L AS CR)	11/28/73-07/14/93	11 ##	25.	16.364	25.	5.	100.455	10.023	5.	5.	25.	25.
01037	COBALT, TOTAL (UG/L AS CO)	07/17/91-07/14/93	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	07/17/91-07/14/93	2 ##	4.8	4.8	8.6	1.	28.88	5.374	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	11/28/73-07/14/93	11 ##	25.	21.227	50.	3.5	160.568	12.672	4.8	10.	25.	45.
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/28/73-07/14/93	11	5.9	5.473	12.	1.	12.044	3.47	1.2	2.5	7.9	11.4
01045	IRON, TOTAL (UG/L AS FE)	07/20/74-07/14/93	3	1200.	1293.333	2500.	180.	1352133.333	1162.813	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	11/28/73-07/14/93	11 ##	50.	70.727	200.	0.5	5969.318	77.261	1.4	12.5	150.	200.
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	11/28/73-07/14/93	11	14.	16.3	38.	1.5	101.69	10.084	2.	12.	21.8	35.4
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	11/28/73-07/14/93	3	397.	329.333	550.	41.	68204.333	261.16	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	11/28/73-07/14/93	4	70.5	268.25	900.	32.	177784.25	421.645	**	**	**	**
01059	THALLIUM, TOTAL (UG/L AS TL)	07/17/91-07/14/93	2 ##	42.5	42.5	60.	25.	612.5	24.749	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	11/28/73-07/14/93	3 ##	10.	40.	100.	10.	2700.	51.962	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/28/73-07/14/93	3 ##	10.	8.333	13.	2.	32.333	5.686	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	11/28/73-07/14/93	3 ##	15.	13.4	25.	0.2	155.68	12.477	**	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	07/17/91-07/14/93	2 ##	6.5	6.5	10.	3.	24.5	4.95	**	**	**	**
01087	VANADIUM, TOTAL (UG/L AS V)	07/17/91-07/14/93	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01088	VANADIUM IN BOTTOM DEPOSITS (MG/KG AS V DRY WGT)	07/17/91-07/14/93	2	37.	37.	62.	12.	1250.	35.355	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	11/28/73-07/14/93	11 ##	25.	36.727	90.	10.	665.818	25.803	10.	10.	60.	84.
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	11/28/73-07/14/93	11	32.	31.436	72.	10.	305.905	17.49	10.4	15.	40.	66.46
01097	ANTIMONY, TOTAL (UG/L AS SB)	07/17/91-07/14/93	2 ##	36.25	36.25	47.5	25.	253.125	15.91	**	**	**	**
01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	07/17/91-07/14/93	2 ##	4.25	4.25	5.	3.5	1.125	1.061	**	**	**	**
01102	TIN, TOTAL (UG/L AS SN)	07/17/91-07/14/93	2 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01103	TIN IN BOTTOM DEPOSITS (MG/KG AS SN DRY WGT)	07/17/91-07/14/93	2 ##	8.	8.	15.	1.	98.	9.899	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	07/17/91-07/14/93	2	1180.	1180.	2100.	260.	1692800.	1301.076	**	**	**	**
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	07/17/91-07/14/93	2	11900.	11900.	19000.	4800.	100820000.	10040.916	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	07/17/91-07/14/93	2 ##	3.25	3.25	4.	2.5	1.125	1.061	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	07/17/91-07/14/93	2 ##	6.25	6.25	7.5	5.	3.125	1.768	**	**	**	**
01152	TITANIUM, TOTAL (UG/L AS TI)	07/17/91-07/14/93	2 ##	22.5	22.5	40.	5.	612.5	24.749	**	**	**	**
01153	TITANIUM IN BOTTOM DEPOSITS (MG/KG AS TI DRY WGT)	07/17/91-07/14/93	2	132.	132.	210.	54.	12168.	110.309	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	07/17/91-07/14/93	2	16700.	16700.	27000.	6400.	212180000.	14566.4	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	01/27/70-07/20/74	7	24000.	16417.143	24000.	4300.	91641390.476	9572.951	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	01/27/70-07/20/74	7	4.38	4.122	4.38	3.633	0.113	0.337	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			13235.143								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/27/70-12/10/98	333	750.	53582.523	11000000.	10.426021224039.1		652703.014	94.	175.	3200.	9300.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/27/70-12/10/98	333	2.875	2.939	7.041	1.	0.788	0.888	1.973	2.243	3.505	3.968
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			869.542								
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	07/17/91-07/14/93	2 ##	1.5	1.5	2.5	0.5	2.	1.414	**	**	**	**
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	07/17/91-07/14/93	2 ##	1.5	1.5	2.5	0.5	2.	1.414	**	**	**	**
32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	07/17/91-07/14/93	2 ##	1.5	1.5	2.5	0.5	2.	1.414	**	**	**	**
32104	BROMOFORM,WHOLE WATER,UG/L	07/17/91-07/14/93	2 ##	1.5	1.5	2.5	0.5	2.	1.414	**	**	**	**
32106	CHLOROFORM,WHOLE WATER,UG/L	07/17/91-07/14/93	2 ##	1.5	1.5	2.5	0.5	2.	1.414	**	**	**	**
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	07/17/91-07/14/93	2 ##	1.5	1.5	2.5	0.5	2.	1.414	**	**	**	**
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	07/17/91-07/14/93	2 ##	1.5	1.5	2.5	0.5	2.	1.414	**	**	**	**
34200	ACENAPHTHYLENE TOTWUG/L	07/17/91-07/14/93	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34205	ACENAPHTHENE TOTWUG/L	07/17/91-07/14/93	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34210	ACROLEIN TOTWUG/L	07/17/91-07/17/91	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34215	ACRYLONITRILE TOTWUG/L	07/17/91-07/17/91	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: FOPU0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34220	ANTHRACENE TOTWUG/L	07/17/91-07/14/93	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	07/17/91-07/14/93	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	07/17/91-07/14/93	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34247	BENZO-A-PYRENE TOTWUG/L	07/17/91-07/14/93	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34257	B-BHC-BETA DRY WGTBOTUG/KG	10/02/79-07/14/93	9 ##	0.5	0.556	1.	0.5	0.028	0.167	0.5	0.5	0.5	1.
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	07/17/91-07/14/93	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34262	DELTA BENZENE HEXACHLORIDE DRY WGTBOTUG/KG	07/17/91-07/14/93	2 ##	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	07/17/91-07/14/93	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	07/17/91-07/14/93	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	07/17/91-07/14/93	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	07/17/91-07/14/93	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34301	CHLOROBENZENE TOTWUG/L	07/17/91-07/14/93	2 ##	1.5	1.5	2.5	0.5	2.	1.414	**	**	**	**
34306	CHLORODIBROMOMETHANE TOTWUG/L	07/17/91-07/14/93	2 ##	1.5	1.5	2.5	0.5	2.	1.414	**	**	**	**
34311	CHLOROETHANE TOTWUG/L	07/17/91-07/14/93	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34320	CHRYSENE TOTWUG/L	07/17/91-07/14/93	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34336	DIETHYL PHTHALATE TOTWUG/L	07/17/91-07/14/93	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34341	DIMETHYL PHTHALATE TOTWUG/L	07/17/91-07/14/93	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34351	ENDOSULFAN SULFATE TOTWUG/L	07/17/91-07/14/93	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	07/17/91-07/14/93	2 ##	3.75	3.75	5.	2.5	3.125	1.768	**	**	**	**
34356	ENDOSULFAN, BETA TOTWUG/L	07/17/91-07/14/93	2 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	07/17/91-07/14/93	2 ##	2.25	2.25	3.	1.5	1.125	1.061	**	**	**	**
34361	ENDOSULFAN, ALPHA TOTWUG/L	07/17/91-07/14/93	2 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	07/17/91-07/14/93	2 ##	1.5	1.5	2.	1.	0.5	0.707	**	**	**	**
34366	ENDRIN ALDEHYDE TOTWUG/L	07/17/91-07/14/93	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	07/17/91-07/14/93	2 ##	3.75	3.75	5.	2.5	3.125	1.768	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	07/17/91-07/14/93	2 ##	1.5	1.5	2.5	0.5	2.	1.414	**	**	**	**
34376	FLUORANTHENE TOTWUG/L	07/17/91-07/14/93	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34381	FLUORENE TOTWUG/L	07/17/91-07/14/93	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	07/17/91-07/14/93	2 ##	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
34396	HEXACHLOROETHANE TOTWUG/L	07/17/91-07/14/93	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	07/17/91-07/14/93	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34408	ISOPHORONE TOTWUG/L	07/17/91-07/14/93	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34413	METHYL BROMIDE TOTWUG/L	07/17/91-07/14/93	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34418	METHYL CHLORIDE TOTWUG/L	07/17/91-07/14/93	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34423	METHYLENE CHLORIDE TOTWUG/L	07/17/91-07/14/93	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	07/17/91-07/14/93	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34433	N-NITROSODIPHENYLAMINE TOTWUG/L	07/17/91-07/14/93	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34438	N-NITROSODIMETHYLAMINE TOTWUG/L	07/17/91-07/14/93	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34447	NITROBENZENE TOTWUG/L	07/17/91-07/14/93	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34452	PARACHLOROMETA CRESOL TOTWUG/L	07/17/91-07/14/93	2 ##	52.5	52.5	100.	5.	4512.5	67.175	**	**	**	**
34461	PHENANTHRENE TOTWUG/L	07/17/91-07/14/93	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34469	PYRENE TOTWUG/L	07/17/91-07/14/93	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	07/17/91-07/14/93	2 ##	1.5	1.5	2.5	0.5	2.	1.414	**	**	**	**
34480	THALLIUM DRY WGTBOTMG/KG	07/17/91-07/14/93	2 ##	4.75	4.75	5.	4.5	0.125	0.354	**	**	**	**
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	07/17/91-07/14/93	2 ##	1.5	1.5	2.5	0.5	2.	1.414	**	**	**	**
34496	1,1-DICHLOROETHANE TOTWUG/L	07/17/91-07/14/93	2 ##	1.5	1.5	2.5	0.5	2.	1.414	**	**	**	**
34501	1,1-DICHLOROETHYLENE TOTWUG/L	07/17/91-07/14/93	2 ##	1.5	1.5	2.5	0.5	2.	1.414	**	**	**	**
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	07/17/91-07/14/93	2 ##	1.5	1.5	2.5	0.5	2.	1.414	**	**	**	**
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	07/17/91-07/14/93	2 ##	1.5	1.5	2.5	0.5	2.	1.414	**	**	**	**
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	07/17/91-07/14/93	2 ##	1.5	1.5	2.5	0.5	2.	1.414	**	**	**	**
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	07/17/91-07/14/93	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	07/17/91-07/14/93	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34536	1,2-DICHLOROBENZENE TOTWUG/L	07/17/91-07/14/93	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34541	1,2-DICHLOROPROPANE TOTWUG/L	07/17/91-07/14/93	2 ##	1.5	1.5	2.5	0.5	2.	1.414	**	**	**	**
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	07/17/91-07/14/93	2 ##	1.5	1.5	2.5	0.5	2.	1.414	**	**	**	**
34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	07/17/91-07/14/93	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	07/17/91-07/14/93	2 ##	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
34566	1,3-DICHLOROBENZENE TOTWUG/L	07/17/91-07/14/93	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34571	1,4-DICHLOROBENZENE TOTWUG/L	07/17/91-07/14/93	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	07/17/91-07/17/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34581	2-CHLORONAPHTHALENE TOTWUG/L	07/17/91-07/14/93	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34586	2-CHLOROPHENOL TOTWUG/L	07/17/91-07/14/93	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34591	2-NITROPHENOL TOTWUG/L	07/17/91-07/14/93	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

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Parameter Inventory for Station: FOPU0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34595	2-NITROPHENOL WET WGTTISMG/KG	07/14/93-07/14/93	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34596	DI-N-OCTYL PHTHALATE TOTWUG/L	07/17/91-07/14/93	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34601	2,4-DICHLOROPHENOL TOTWUG/L	07/17/91-07/14/93	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34606	2,4-DIMETHYLPHENOL TOTWUG/L	07/17/91-07/14/93	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34611	2,4-DINITROTOLUENE TOTWUG/L	07/17/91-07/14/93	2 ##	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
34616	2,4-DINITROPHENOL TOTWUG/L	07/17/91-07/14/93	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	07/17/91-07/14/93	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34626	2,6-DINITROTOLUENE TOTWUG/L	07/17/91-07/14/93	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	07/17/91-07/14/93	2 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	07/17/91-07/14/93	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	07/17/91-07/14/93	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34646	4-NITROPHENOL TOTWUG/L	07/17/91-07/14/93	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	07/17/91-07/14/93	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34671	PCB - 1016 TOTWUG/L	07/17/91-07/14/93	2 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	07/17/91-07/14/93	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34695	PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGTTUG/KG	09/14/87-08/09/89	2 ##	500.	500.	500.	500.	0.	0.	**	**	**	**
34696	NAPHTHALENE TOTWUG/L	07/17/91-07/14/93	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	07/17/91-07/14/93	2 ##	1.5	1.5	2.5	0.5	2.	1.414	**	**	**	**
34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	07/17/91-07/14/93	2 ##	1.5	1.5	2.5	0.5	2.	1.414	**	**	**	**
38702	AOP (AMBAM OXIDATION PRODUCT) WATER, SUSUG/L	07/17/91-07/14/93	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	07/17/91-07/14/93	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	10/06/81-07/14/93	8 ##	10.	10.5	20.	2.	46.571	6.824	**	**	**	**
39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	11/01/77-07/14/93	10 ##	0.5	0.55	1.	0.5	0.025	0.158	0.5	0.5	0.5	0.95
39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	07/17/91-07/14/93	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	07/17/91-07/14/93	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	07/17/91-07/14/93	2 ##	40.	40.	40.	40.	0.	0.	**	**	**	**
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	07/17/91-07/14/93	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	07/17/91-07/14/93	2 ##	1.5	1.5	2.5	0.5	2.	1.414	**	**	**	**
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	07/17/91-07/14/93	2 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/28/73-07/14/93	3 ##	1.	1.067	2.	0.2	0.813	0.902	**	**	**	**
39306	O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/28/73-11/28/73	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	07/17/91-07/14/93	2 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/28/73-07/14/93	3 ##	1.	1.067	2.	0.2	0.813	0.902	**	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	07/17/91-07/14/93	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/28/73-07/14/93	3 ##	0.5	0.533	1.	0.1	0.203	0.451	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	07/17/91-07/14/93	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/28/73-07/14/93	11 ##	0.5	0.55	1.	0.05	0.068	0.26	0.14	0.5	0.5	1.
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	07/17/91-07/14/93	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	07/17/91-07/14/93	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	07/17/91-07/14/93	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	08/09/89-07/14/93	3 ##	0.5	0.667	1.	0.5	0.083	0.289	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	07/17/91-07/14/93	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	11/01/77-07/14/93	10 ##	3.	3.2	5.	3.	0.4	0.632	3.	3.	3.	4.8
39359	DDT SUM ANALOGS IN SEDIMENT UG/KG DRY WEIGHT	10/08/83-07/14/93	7 ##	2.	1.929	2.5	1.	0.202	0.45	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/01/77-10/06/81	3 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
39379	SUM OF ALL DDT,DDE& DDD VALUES IN WHL WATER SAMP	07/14/93-07/14/93	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	07/17/91-07/14/93	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	11/01/77-07/14/93	10 ##	1.	1.1	2.	1.	0.1	0.316	1.	1.	1.	1.9
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	07/17/91-07/14/93	2 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/01/77-07/14/93	10 ##	1.	10.2	93.	1.	846.4	29.093	1.	1.	1.	83.8
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	07/17/91-07/14/93	2 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	11/28/73-07/14/93	11 ##	10.	10.273	20.	3.	14.818	3.849	4.4	10.	10.	18.
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	07/17/91-07/14/93	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	11/28/73-07/14/93	3 ##	0.5	0.513	1.	0.04	0.231	0.48	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	07/17/91-07/14/93	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	11/28/73-07/14/93	3 ##	0.5	0.533	1.	0.1	0.203	0.451	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	07/17/91-07/14/93	2 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	11/01/77-07/14/93	10 ##	6.	5.4	6.	2.	1.822	1.35	2.2	5.5	6.	6.
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	07/17/91-07/14/93	2 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	07/17/91-07/14/93	2 ##	4.5	4.5	6.	3.	4.5	2.121	**	**	**	**
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	07/17/91-07/14/93	2 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	07/17/91-07/14/93	2 ##	4.5	4.5	6.	3.	4.5	2.121	**	**	**	**
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	07/17/91-07/14/93	2 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**

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Parameter Inventory for Station: FOPU0089

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39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	07/17/91-07/14/93	2 ##	4.5	4.5	6.	3.	4.5	2.121	**	**	**	**
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	07/17/91-07/14/93	2 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	07/17/91-07/14/93	2 ##	4.5	4.5	6.	3.	4.5	2.121	**	**	**	**
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	07/17/91-07/14/93	2 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	08/09/89-07/14/93	3 ##	3.	4.	6.	3.	3.	1.732	**	**	**	**
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	07/17/91-07/14/93	2 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	08/09/89-07/14/93	3 ##	3.	4.	6.	3.	3.	1.732	**	**	**	**
39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	07/17/91-07/14/93	2 ##	4.5	4.5	6.	3.	4.5	2.121	**	**	**	**
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	07/17/91-07/14/93	2 ##	1.575	1.575	3.	0.15	4.061	2.015	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/28/73-07/14/93	11 ##	3.	5.636	17.	3.	27.255	5.221	3.	3.	6.	16.6
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	07/17/91-07/14/93	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	11/01/77-07/14/93	10 ##	0.375	0.425	1.	0.25	0.056	0.237	0.25	0.25	0.5	0.95
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	07/17/91-07/14/93	2 ##	1.55	1.55	2.6	0.5	2.205	1.485	**	**	**	**
39731	2,4-D IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/14/87-07/14/93	4 ##	15.	33.75	100.	5.	2039.583	45.162	**	**	**	**
39755	MIREX, TOTAL (UG/L)	07/17/91-07/14/93	2 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	11/28/73-07/14/93	8 ##	3.	2.55	4.	0.4	1.163	1.078	**	**	**	**
39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	07/17/91-07/14/93	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/14/87-07/14/93	4 ##	5.5	5.5	10.	1.	27.	5.196	**	**	**	**
39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/28/73-11/28/73	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
39811	CHLORDANE,GAMMA,IN BOTTOM DEPOS(UG/KG DRY SOLIDS)	11/01/77-09/14/87	7 ##	0.25	0.286	0.5	0.25	0.009	0.094	**	**	**	**
45013	ISOPROPYL ACETATE WH WAT UG/L	07/17/91-07/17/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
45022	PROPYL ACETATE WH WAT UG/L	07/17/91-07/17/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
70318	SOLIDS, TOTAL, PERCENT OF WET SAMPLE	11/28/73-07/14/93	10	49.55	51.86	75.	32.7	170.872	13.072	33.47	43.175	65.25	74.1
70322	SOLIDS, VOLATILE, PERCENT OF TOTAL SOLIDS	11/28/73-07/14/93	9	5.9	5.856	12.3	2.1	8.818	2.969	2.1	3.4	6.9	12.3
71870	BROMIDE (MG/L AS BR)	02/27/97-08/14/97	6	4.4	8.465	24.	2.5	69.587	8.342	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	11/28/73-07/17/91	10 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	11/28/73-07/17/91	10 ##	0.05	0.11	0.6	0.05	0.03	0.173	0.05	0.05	0.063	0.55
77041	CARBON DISULFIDE WHOLE WATER,UG/L	07/17/91-07/14/93	2 ##	1.5	1.5	2.5	0.5	2.	1.414	**	**	**	**
77057	VINYL ACETATE WHOLE WATER,UG/L	07/14/93-07/14/93	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
77103	2-HEXANONE WHOLE WATER,UG/L	07/17/91-07/14/93	2 ##	12.75	12.75	25.	0.5	300.125	17.324	**	**	**	**
77128	STYRENE WHOLE WATER,UG/L	07/17/91-07/14/93	2 ##	1.5	1.5	2.5	0.5	2.	1.414	**	**	**	**
77135	O-XYLENE WHOLE WATER,UG/L	07/17/91-07/17/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
77146	P-CRESOL WHOLE WATER,UG/L	07/14/93-07/14/93	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
77152	O-CRESOL WHOLE WATER,UG/L	07/14/93-07/14/93	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
77189	N-BUTYL ACETATE WHOLE WATER,UG/L	07/17/91-07/17/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
77416	2-METHYLNAPHTHALENE WHOLE WATER,UG/L	07/14/93-07/14/93	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	07/14/93-07/14/93	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77687	2,4,5-TRICHLOROPHENOL WHOLE WATER,UG/L	07/14/93-07/14/93	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
78132	P-XYLENE IN WHOLE WATER UG/L	07/17/91-07/17/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
81302	DIBENZOFURAN(C12H8O) WHOLE WATER SAMPLE UG/L	07/14/93-07/14/93	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
81403	DURSBAN(CHLOROPYRIFOS)WHOLE WATER SAMPLE (UG/L)	07/14/93-07/14/93	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
81551	XYLENE WHL WATER SMPL UG/L	07/14/93-07/14/93	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
81552	ACETONE WHL WATER SMPL UG/L	07/17/91-07/14/93	2 ##	27.5	27.5	50.	5.	1012.5	31.82	**	**	**	**
81585	ETHYL ACETATE WHL WATER SMPL UG/L	07/17/91-07/17/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	07/17/91-07/14/93	2 ##	27.5	27.5	50.	5.	1012.5	31.82	**	**	**	**
81596	METHYL-ISOBUTYL KETONE WHL WATER SMPL UG/L	07/17/91-07/14/93	2 ##	12.75	12.75	25.	0.5	300.125	17.324	**	**	**	**
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	06/04/90-06/04/90	1	1.	1.	1.	1.	0.	0.	**	**	**	**
81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	06/04/90-06/04/90	1	1.	1.	1.	1.	0.	0.	**	**	**	**
81710	M-XYLENE IN THE WHOLE WATER SAMPLE MG/L	07/17/91-07/17/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	03/10/77-05/14/91	322	13.	18.603	140.	3.	352.657	18.779	7.	9.	19.25	34.

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

EPA Water Quality Criteria Analysis for Station: FOPU0089

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-11/14 Obs	6/01-11/14 Exceed	6/01-11/14 Prop.	11/15-3/31 Obs	11/15-3/31 Exceed	11/15-3/31 Prop.	4/01-5/31 Obs	4/01-5/31 Exceed	4/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	70	8	0.11	39	4	0.10	23	2	0.09	8	2	0.25			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	606	81	0.13	292	70	0.24	216	3	0.01	98	8	0.08			
00400	PH	Fresh Chronic	9.	506	0	0.00	239	0	0.00	182	0	0.00	85	0	0.00			
		Other-Lo Lim.	6.5	506	83	0.16	239	39	0.16	182	33	0.18	85	11	0.13			

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EPA Water Quality Criteria Analysis for Station: FOPU0089

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-11/14 Obs	6/01-11/14 Exceed	6/01-11/14 Prop.	11/15-3/31 Obs	11/15-3/31 Exceed	11/15-3/31 Prop.	4/01-5/31 Obs	4/01-5/31 Exceed	4/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	603	0	0.00	285	0	0.00	218	0	0.00	100	0	0.00			
		Other-Lo Lim.	6.5	602 &	9	0.01	284	4	0.01	218	4	0.02	100	1	0.01			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	521	0	0.00	248	0	0.00	188	0	0.00	85	0	0.00			
00720	CYANIDE, TOTAL	Fresh Acute	0.022	2	0	0.00	2	0	0.00									
		Drinking Water	0.2	2	0	0.00	2	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	576	511	0.89	274	265	0.97	205	171	0.83	97	75	0.77			
		Drinking Water	250.	576	556	0.97	274	270	0.99	205	195	0.95	97	91	0.94			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	9	6	0.67	4	3	0.75	4	2	0.50	1	1	1.00			
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	7 &	0	0.00	1	0	0.00	4	0	0.00	2	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	11	0	0.00	10	0	0.00	1	0	0.00						
		Drinking Water	50.	10 &	0	0.00	9	0	0.00	1	0	0.00						
01007	BARIUM, TOTAL	Drinking Water	2000.	2	0	0.00	2	0	0.00									
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	2	0	0.00	2	0	0.00									
		Drinking Water	4.	0 &	0	0.00												
01027	CADMIUM, TOTAL	Fresh Acute	3.9	4 &	0	0.00	2	0	0.00	2	0	0.00						
		Drinking Water	5.	4 &	0	0.00	2	0	0.00	2	0	0.00						
01034	CHROMIUM, TOTAL	Drinking Water	100.	11	0	0.00	10	0	0.00	1	0	0.00						
01042	COPPER, TOTAL	Fresh Acute	18.	4 &	0	0.00	4	0	0.00									
		Drinking Water	1300.	11	0	0.00	10	0	0.00	1	0	0.00						
01051	LEAD, TOTAL	Fresh Acute	82.	9 &	1	0.11	8	1	0.13	1	0	0.00						
		Drinking Water	15.	7 &	2	0.29	6	2	0.33	1	0	0.00						
01059	THALLIUM, TOTAL	Fresh Acute	1400.	2	0	0.00	2	0	0.00									
		Drinking Water	2.	0 &	0	0.00												
01067	NICKEL, TOTAL	Fresh Acute	1400.	3	0	0.00	2	0	0.00	1	0	0.00						
		Drinking Water	100.	2 &	0	0.00	2	0	0.00									
01077	SILVER, TOTAL	Fresh Acute	4.1	1 &	0	0.00	1	0	0.00									
		Drinking Water	100.	3	0	0.00	2	0	0.00	1	0	0.00						
01092	ZINC, TOTAL	Fresh Acute	120.	11	0	0.00	10	0	0.00	1	0	0.00						
		Drinking Water	5000.	11	0	0.00	10	0	0.00	1	0	0.00						
01097	ANTIMONY, TOTAL	Fresh Acute	88.	2	0	0.00	2	0	0.00									
		Drinking Water	6.	0 &	0	0.00												
01147	SELENIUM, TOTAL	Fresh Acute	20.	2	0	0.00	2	0	0.00									
		Drinking Water	50.	2	0	0.00	2	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	7	7	1.00	2	2	1.00	3	3	1.00	2	2	1.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	332 &	248	0.75	158	125	0.79	119	85	0.71	55	38	0.69			
32101	BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	2	0	0.00	2	0	0.00									
32102	CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	2	0	0.00	2	0	0.00									
		Drinking Water	5.	2	0	0.00	2	0	0.00									
32103	1,2-DICHLOROETHANE,WHOLE WATER	Fresh Acute	118000.	2	0	0.00	2	0	0.00									
		Drinking Water	5.	2	0	0.00	2	0	0.00									
32104	BROMOFORM, WHOLE WATER	Drinking Water	100.	2	0	0.00	2	0	0.00									
32106	CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	2	0	0.00	2	0	0.00									
		Drinking Water	100.	2	0	0.00	2	0	0.00									
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	2	0	0.00	2	0	0.00									
		Drinking Water	1000.	2	0	0.00	2	0	0.00									
34205	ACENAPHTHENE, TOTAL	Fresh Acute	1700.	2	0	0.00	2	0	0.00									
34210	ACROLEIN, TOTAL	Fresh Acute	68.	1	0	0.00	1	0	0.00									
34215	ACRYLONITRILE, TOTAL	Fresh Acute	7550.	1	0	0.00	1	0	0.00									
34301	CHLOROBENZENE, TOTAL	Drinking Water	100.	2	0	0.00	2	0	0.00									
34306	CHLORODIBROMOMETHANE, TOTAL	Drinking Water	100.	2	0	0.00	2	0	0.00									
34356	ENDOSULFAN, BETA, TOTAL	Fresh Acute	0.22	2	0	0.00	2	0	0.00									
34361	ENDOSULFAN, ALPHA, TOTAL	Fresh Acute	0.22	2	0	0.00	2	0	0.00									
34371	ETHYLBENZENE, TOTAL	Fresh Acute	32000.	2	0	0.00	2	0	0.00									
		Drinking Water	700.	2	0	0.00	2	0	0.00									
34376	FLUORANTHENE, TOTAL	Fresh Acute	3980.	2	0	0.00	2	0	0.00									
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL	Fresh Acute	7.	1 &	0	0.00	1	0	0.00									
		Drinking Water	50.	2	0	0.00	2	0	0.00									
34396	HEXACHLOROETHANE, TOTAL	Fresh Acute	980.	2	0	0.00	2	0	0.00									

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EPA Water Quality Criteria Analysis for Station: FOPU0089

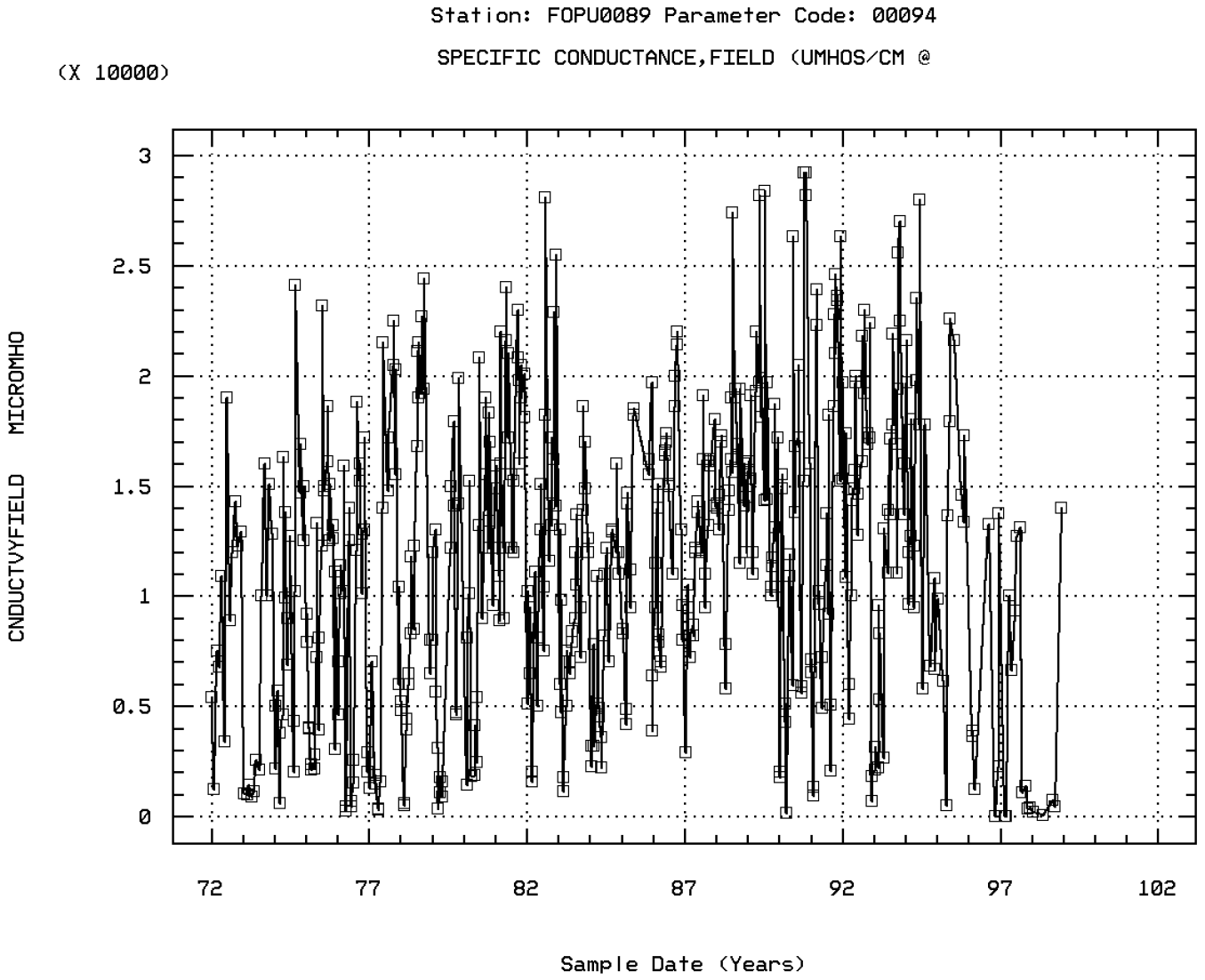
Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-11/14 Obs	6/01-11/14 Exceed	6/01-11/14 Prop.	11/15-3/31 Obs	11/15-3/31 Exceed	11/15-3/31 Prop.	4/01-5/31 Obs	4/01-5/31 Exceed	4/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
34403	INDENO (1,2,3-CD) PYRENE, TOTAL	Drinking Water	0.4	0 &	0	0.00												
34408	ISOPHORONE, TOTAL	Fresh Acute	117000.	2	0	0.00	2	0	0.00									
34423	METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	2	0	0.00	2	0	0.00									
34447	NITROBENZENE, TOTAL	Fresh Acute	27000.	2	0	0.00	2	0	0.00									
34452	PARACHLOROMETA CRESOL, TOTAL	Fresh Acute	30.	1 &	0	0.00	1	0	0.00									
34461	PHENANTHRENE, TOTAL	Fresh Acute	30.	2	0	0.00	2	0	0.00									
34475	TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	2	0	0.00	2	0	0.00									
		Drinking Water	5.	2	0	0.00	2	0	0.00									
34501	1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	2	0	0.00	2	0	0.00									
34506	1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	2	0	0.00	2	0	0.00									
34511	1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	2	0	0.00	2	0	0.00									
34536	1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	2	0	0.00	2	0	0.00									
34541	1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	2	0	0.00	2	0	0.00									
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	2	0	0.00	2	0	0.00									
34551	1,2,4-TRICHLOROBENZENE, TOTAL	Drinking Water	70.	2	0	0.00	2	0	0.00									
34566	1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	2	0	0.00	2	0	0.00									
34571	1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	2	0	0.00	2	0	0.00									
34586	2-CHLOROPHENOL, TOTAL	Fresh Acute	4380.	2	0	0.00	2	0	0.00									
34601	2,4-DICHLOROPHENOL, TOTAL	Fresh Acute	2020.	2	0	0.00	2	0	0.00									
34606	2,4-DIMETHYLPHENOL, TOTAL	Fresh Acute	2120.	2	0	0.00	2	0	0.00									
34611	2,4-DINITROTOLUENE, TOTAL	Fresh Acute	330.	2	0	0.00	2	0	0.00									
34694	PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	Fresh Acute	10200.	2	0	0.00	2	0	0.00									
34696	NAPHTHALENE, TOTAL	Fresh Acute	2300.	2	0	0.00	2	0	0.00									
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	2	0	0.00	2	0	0.00									
		Drinking Water	1.	2	0	0.00	2	0	0.00									
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	Fresh Acute	2000.	2	0	0.00	2	0	0.00									
		Drinking Water	6.	2	0	0.00	2	0	0.00									
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	0 &	0	0.00												
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	2	0	0.00	2	0	0.00									
		Drinking Water	5.	2	0	0.00	2	0	0.00									
39300	P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	2	0	0.00	2	0	0.00									
39310	P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	2	0	0.00	2	0	0.00									
39320	P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	2	0	0.00	2	0	0.00									
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	2	0	0.00	2	0	0.00									
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	2	0	0.00	2	0	0.00									
		Drinking Water	0.2	2	0	0.00	2	0	0.00									
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	2	0	0.00	2	0	0.00									
		Drinking Water	2.	2	0	0.00	2	0	0.00									
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	2	0	0.00	2	0	0.00									
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	2	0	0.00	2	0	0.00									
		Drinking Water	2.	2	0	0.00	2	0	0.00									
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	2	0	0.00	2	0	0.00									
		Drinking Water	3.	2	0	0.00	2	0	0.00									
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	2	0	0.00	2	0	0.00									
		Drinking Water	0.4	2	0	0.00	2	0	0.00									
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	2	0	0.00	2	0	0.00									
		Drinking Water	0.2	2	0	0.00	2	0	0.00									
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	2	0	0.00	2	0	0.00									
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	2	0	0.00	2	0	0.00									
		Drinking Water	1.	2	0	0.00	2	0	0.00									
39730	2,4-D IN WHOLE WATER SAMPLE	Drinking Water	70.	2	0	0.00	2	0	0.00									
39760	SILVEX IN WHOLE WATER SAMPLE	Drinking Water	50.	2	0	0.00	2	0	0.00									
71900	MERCURY, TOTAL	Fresh Acute	2.4	10	0	0.00	9	0	0.00	1	0	0.00						
		Drinking Water	2.	10	0	0.00	9	0	0.00	1	0	0.00						
77128	STYRENE, WHOLE WATER	Drinking Water	100.	2	0	0.00	2	0	0.00									
77651	1,2-DIBROMOETHANE, WHOLE WATER	Drinking Water	0.05	0 &	0	0.00												
77687	2,4,5-TRICHLOROPHENOL, WHOLE WATER	Fresh Acute	100.	1	0	0.00	1	0	0.00									
81403	DURSBAN (CHLOROPYRIFOS) WHOLE WATER SAMP	Fresh Acute	0.083	1	0	0.00	1	0	0.00									

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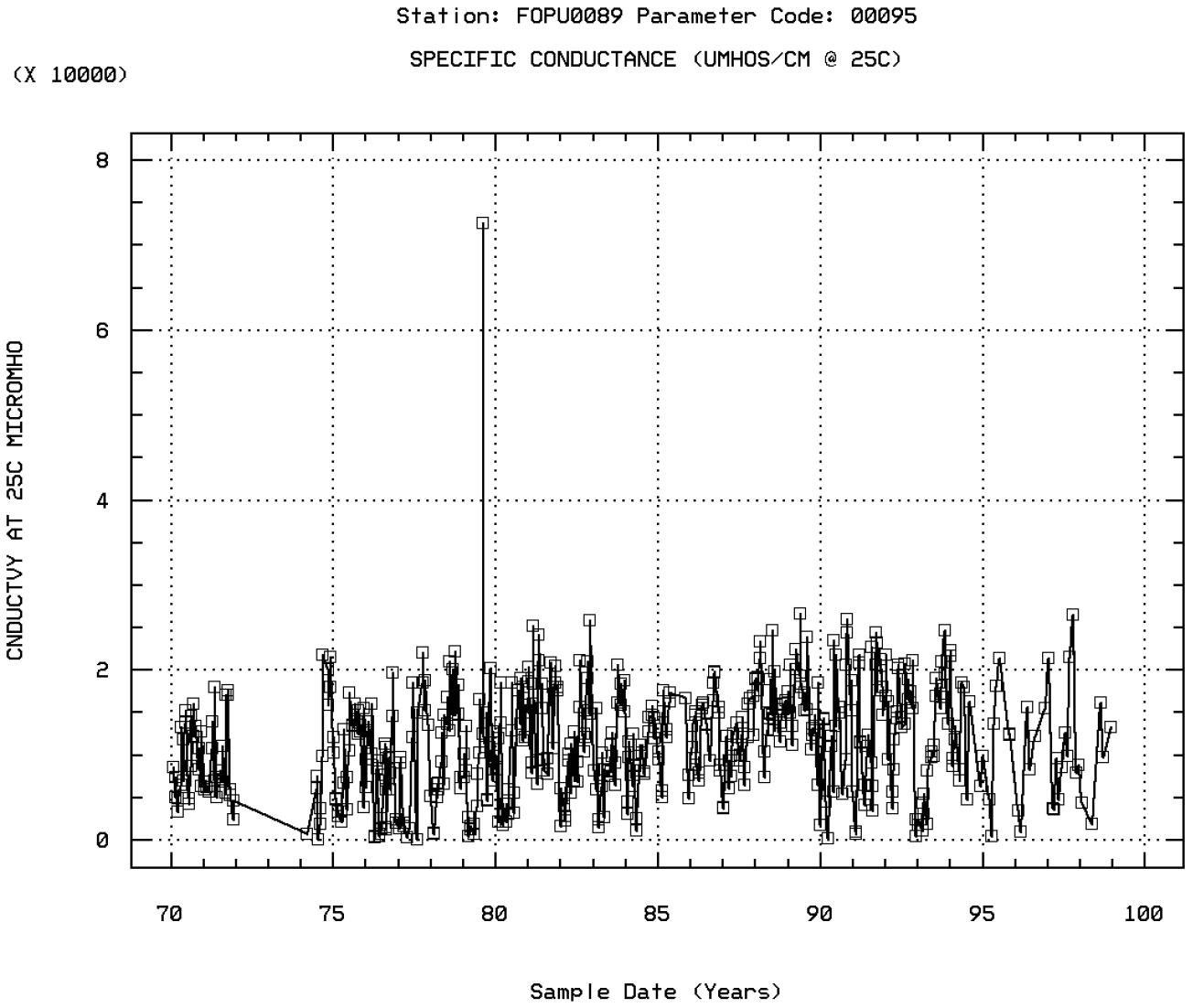
EPA Water Quality Criteria Analysis for Station: FOPU0089

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-11/14 Obs	6/01-11/14 Exceed	6/01-11/14 Prop.	11/15-3/31 Obs	11/15-3/31 Exceed	11/15-3/31 Prop.	4/01-5/31 Obs	4/01-5/31 Exceed	4/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
82078	TURBIDITY, FIELD	Other-Hi Lim.	50.	322	17	0.05	144	4	0.03	120	6	0.05	58	7	0.12			

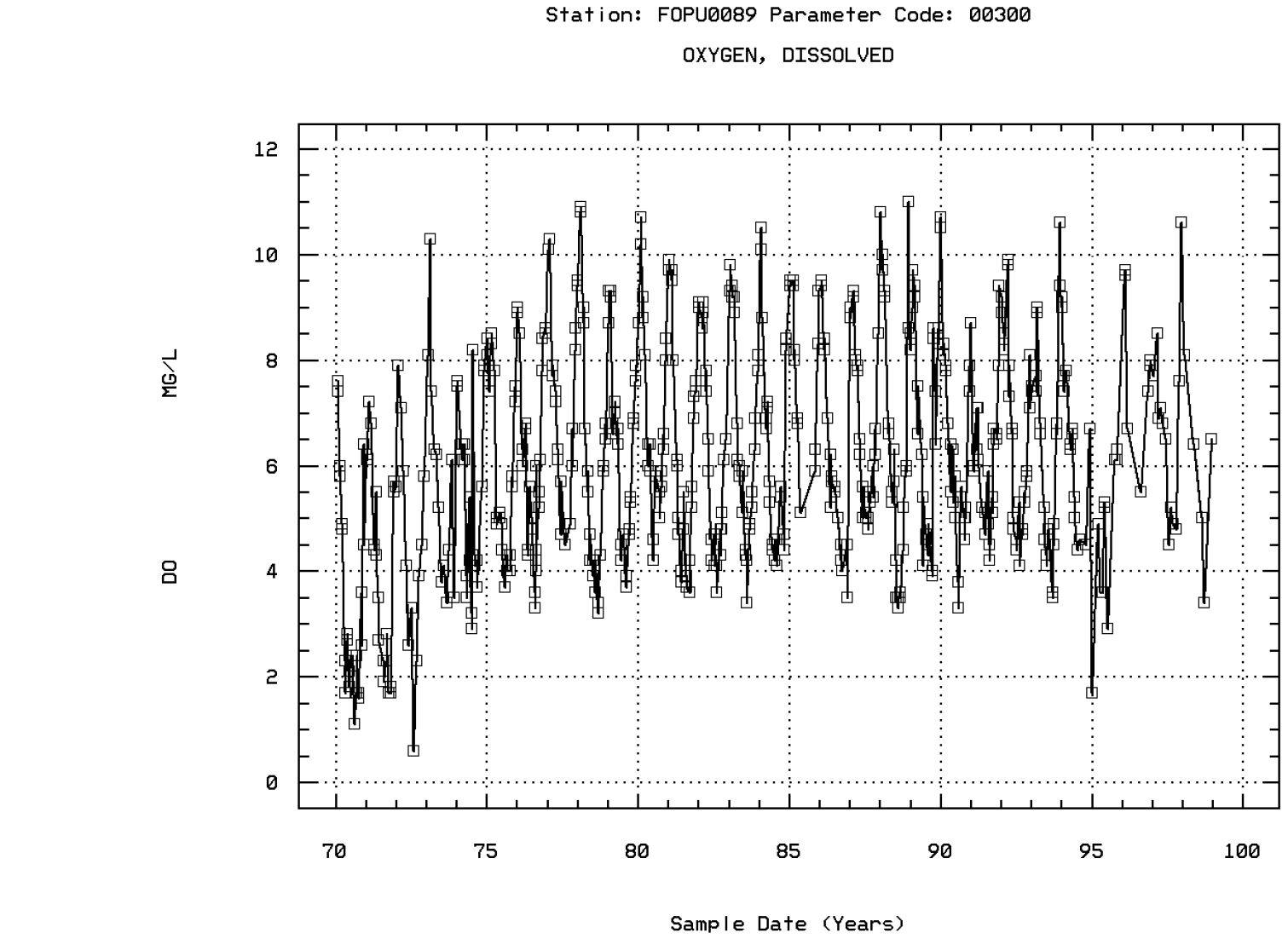
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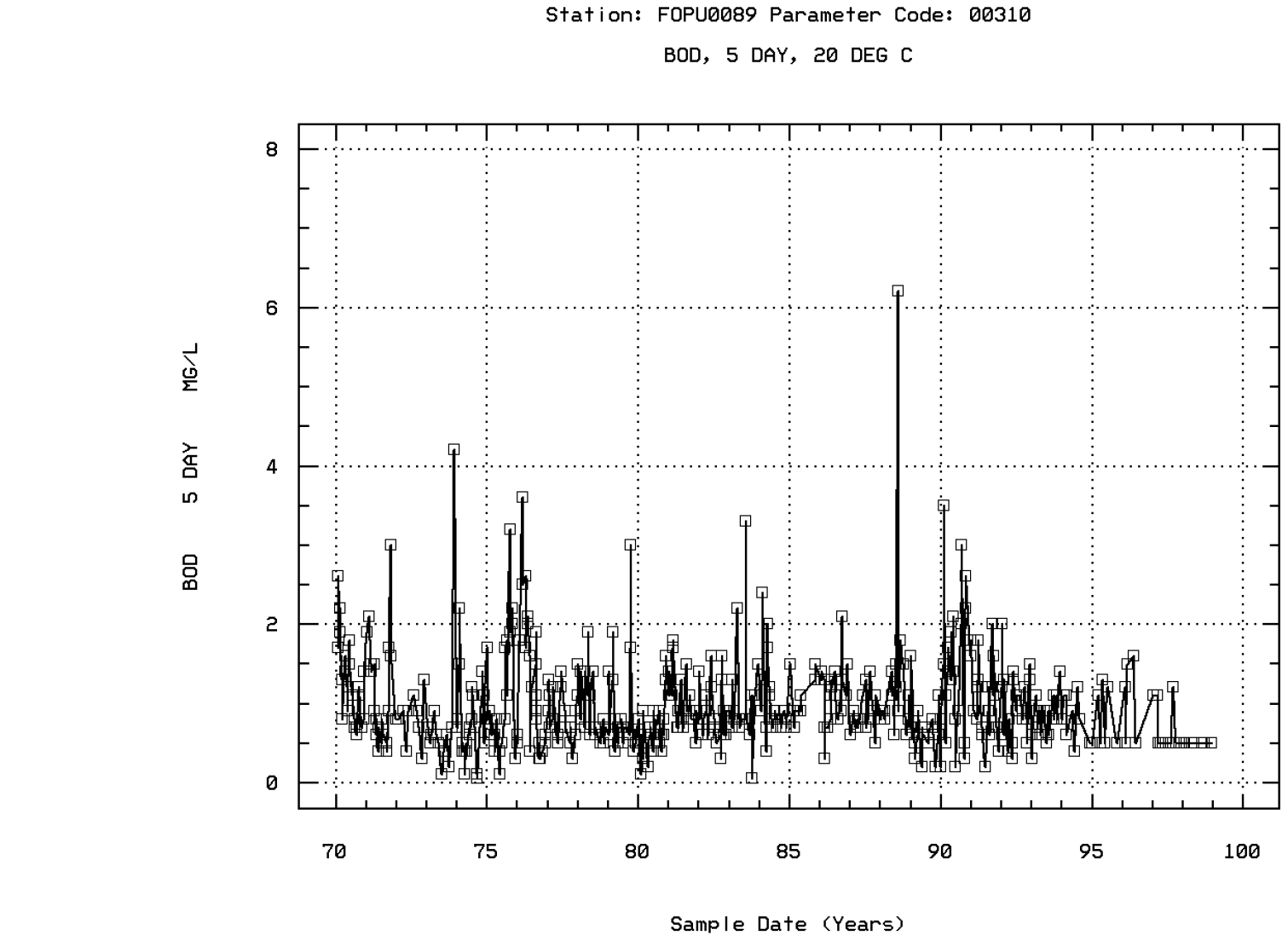
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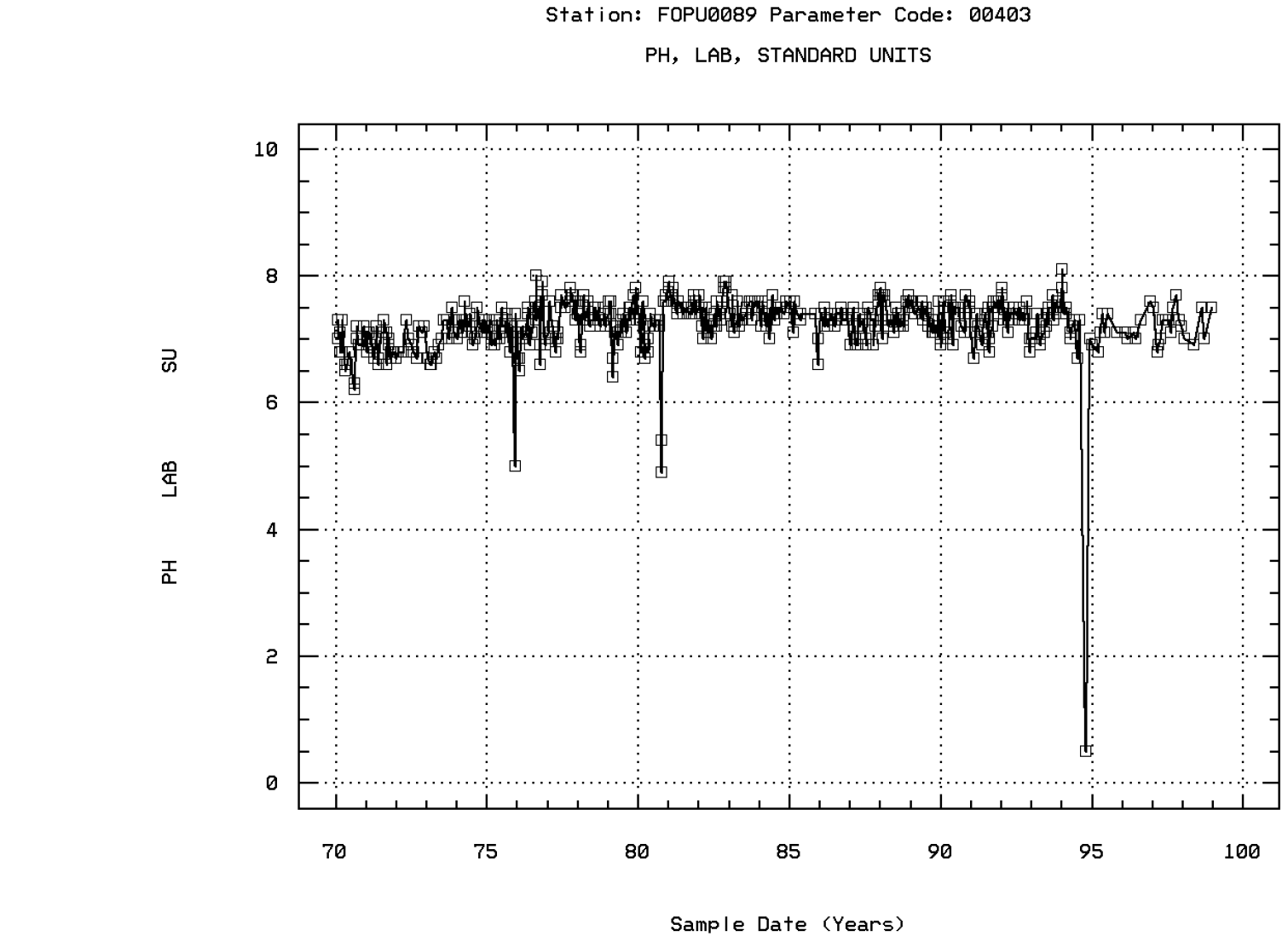
SAVANNAH RIVER - FORT JACKSON



SAVANNAH RIVER - FORT JACKSON



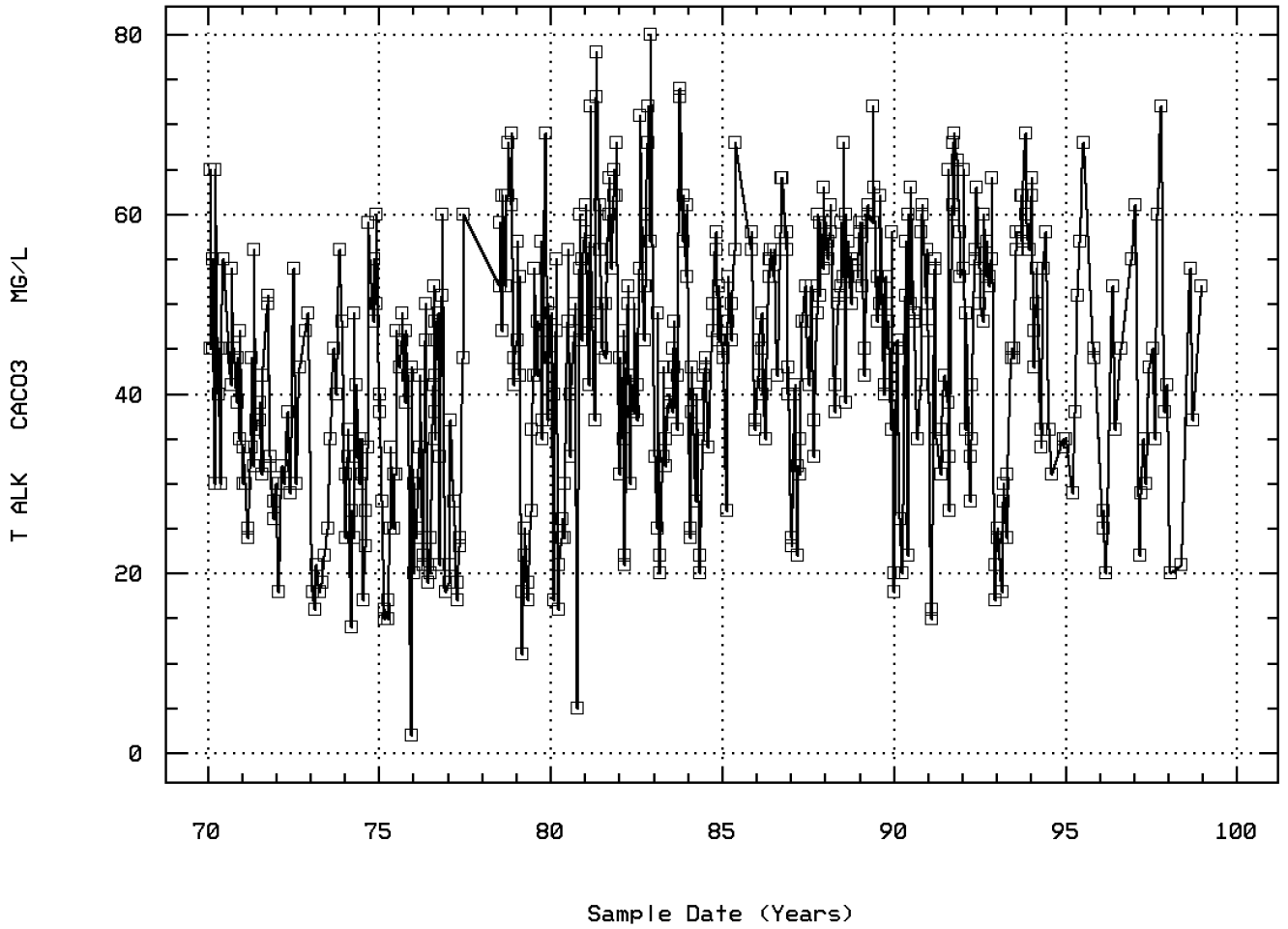
SAVANNAH RIVER - FORT JACKSON



SAVANNAH RIVER - FORT JACKSON

Station: FOPU0089 Parameter Code: 00410

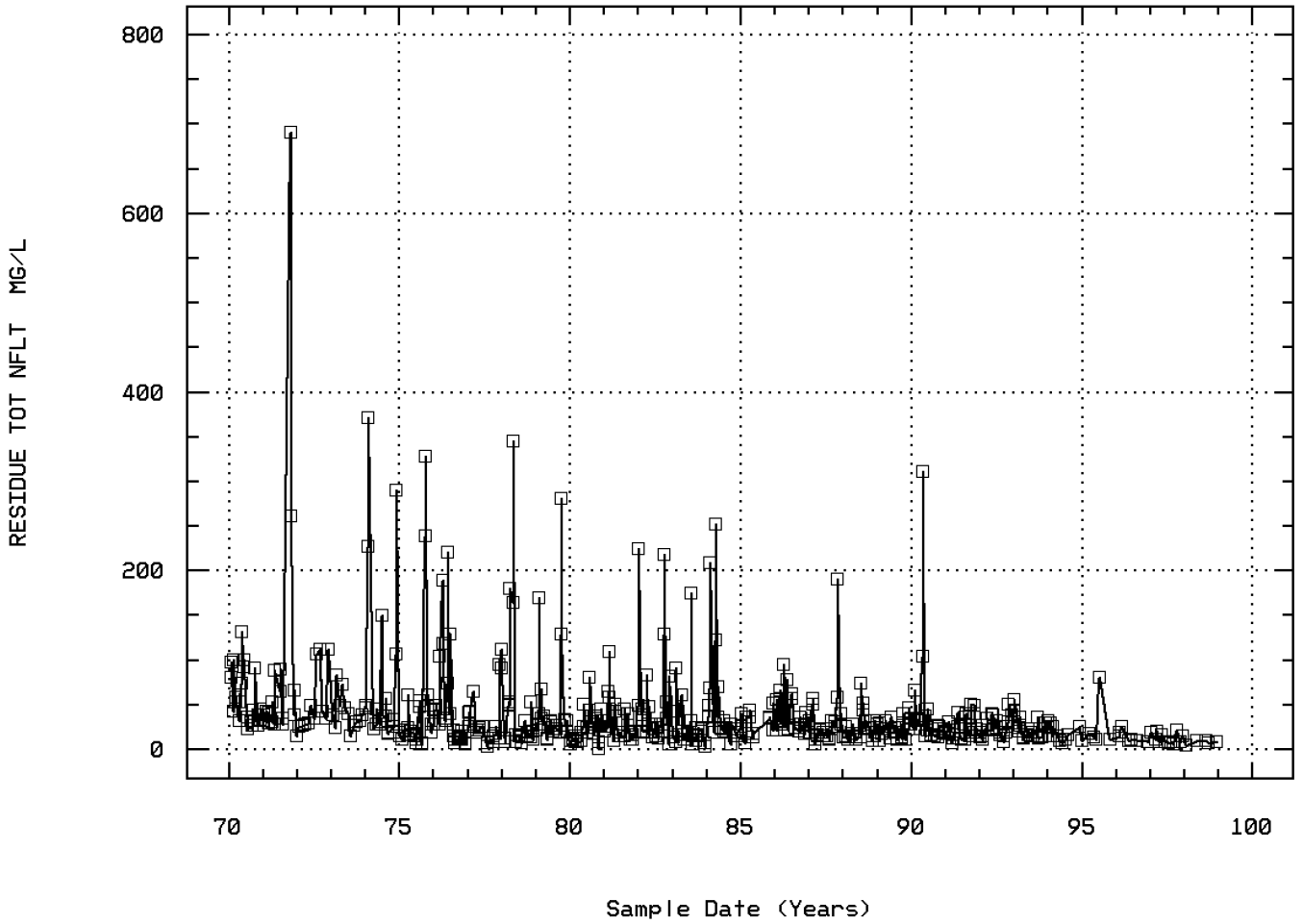
ALKALINITY, TOTAL (MG/L AS CACO3)



SAVANNAH RIVER - FORT JACKSON

Station: FOPU0089 Parameter Code: 00530

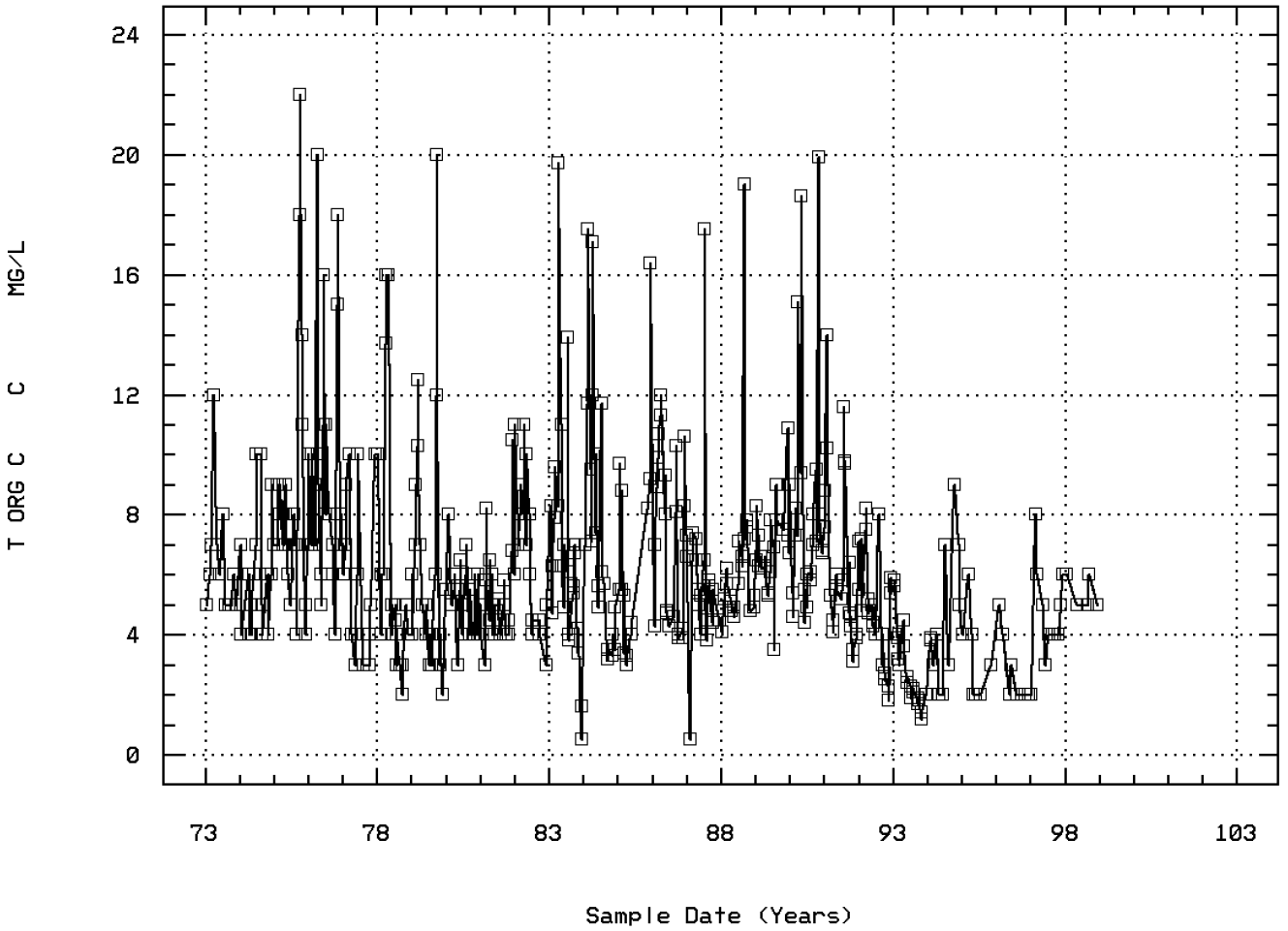
RESIDUE, TOTAL NONFILTRABLE (MG/L)



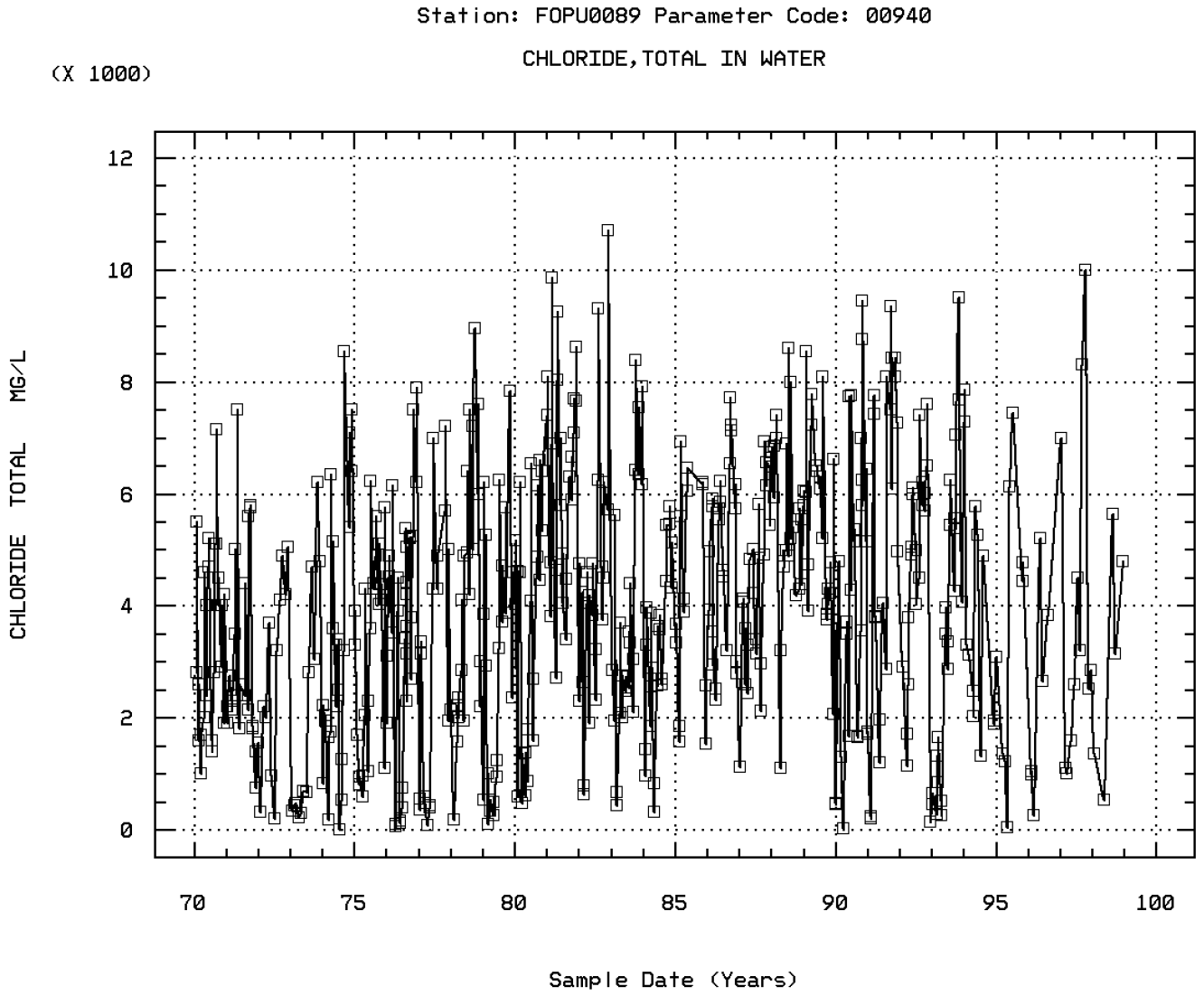
SAVANNAH RIVER - FORT JACKSON

Station: FOPU0089 Parameter Code: 00680

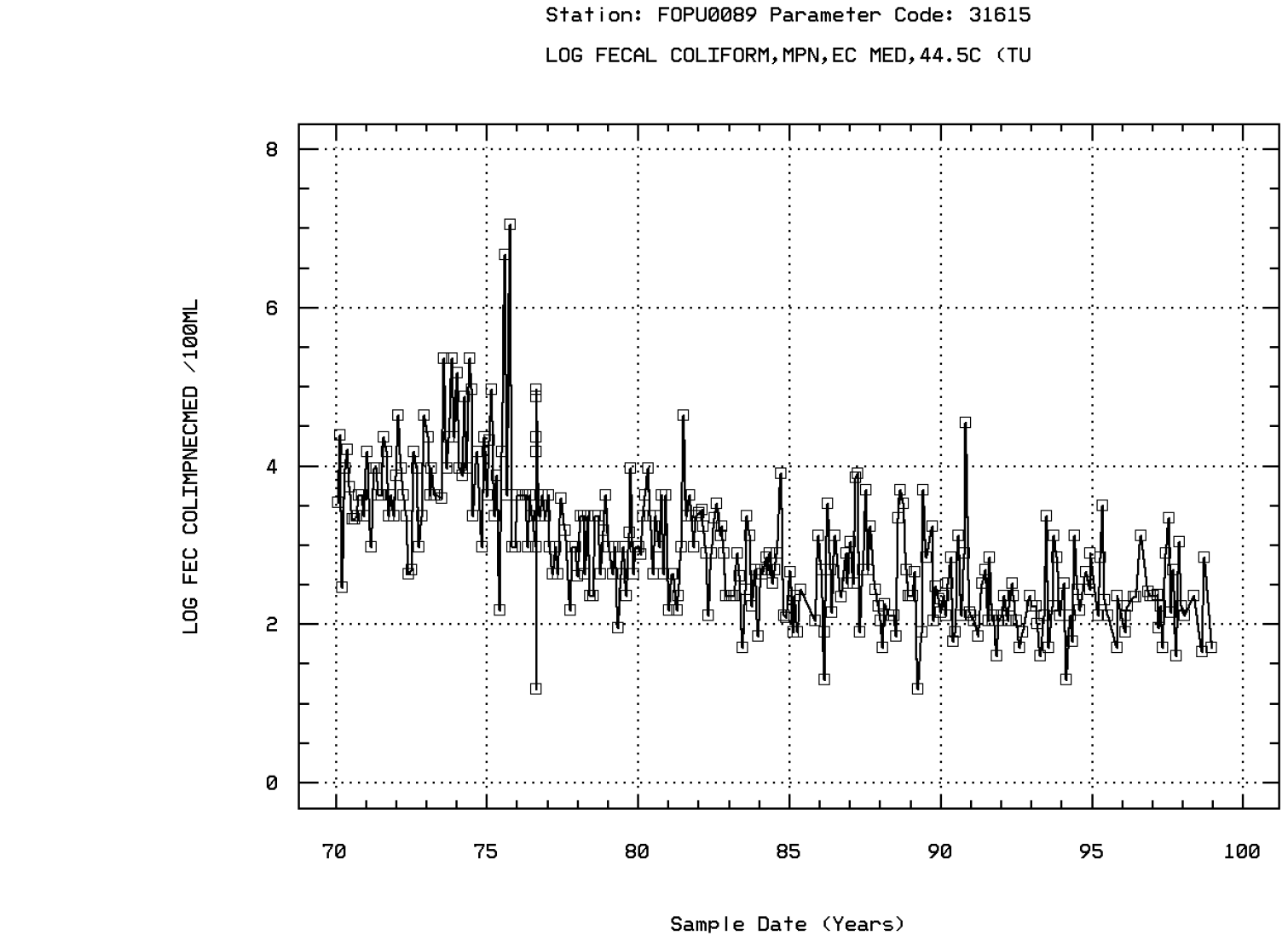
CARBON, TOTAL ORGANIC (MG/L AS C)



SAVANNAH RIVER - FORT JACKSON



SAVANNAH RIVER - FORT JACKSON



SAVANNAH RIVER - FORT JACKSON

Annual Analysis for 1970 - Station FOPU0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/27/70-12/10/98	24	11.5	11.5	20.	3.	75.391	8.683	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/25/70-12/10/98	22	24.7	22.505	29.1	12.3	37.196	6.099	12.85	15.975	28.	28.9
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/27/70-12/10/98	23	8650.	9579.565	16000.	3300.	15596922.53	3949.294	4440.	6300.	13250.	14960.
00300p	OXYGEN, DISSOLVED MG/L	01/27/70-12/10/98	24	2.5	3.383	7.6	1.1	4.065	2.016	1.35	1.725	4.875	6.9
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/27/70-12/10/98	24	1.15	1.25	2.6	0.6	0.266	0.516	0.7	0.8	1.575	2.05
00403p	PH, LAB, STANDARD UNITS SU	01/27/70-12/10/98	22	6.9	6.859	7.3	6.2	0.092	0.303	6.36	6.6	7.125	7.27
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/27/70-12/10/98	22	6.9	6.75	7.3	6.2	0.104	0.323	6.36	6.6	7.125	7.27
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/27/70-12/10/98	22	0.126	0.178	0.631	0.05	0.021	0.147	0.054	0.075	0.251	0.446
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/27/70-12/10/98	20	45.	46.2	65.	30.	93.958	9.693	30.5	40.25	54.75	64.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/27/70-12/10/98	22	49.	59.136	131.	23.	954.409	30.894	26.	32.75	90.5	99.7
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/27/70-12/10/98	24	3450.	3447.917	7150.	1000.	2584669.384	1607.691	1500.	1925.	4675.	5350.
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/27/70-12/10/98	12	3890.	6315.833	24000.	290.	48719444.697	6979.932	833.	2150.	8255.	21600.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/27/70-12/10/98	12	3.588	3.577	4.38	2.462	0.244	0.494	2.72	3.332	3.906	4.327
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3773.496								

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

Annual Analysis for 1971 - Station FOPU0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/27/70-12/10/98	24	11.5	11.5	20.	3.	75.391	8.683	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/25/70-12/10/98	24	21.5	20.725	28.	10.6	41.328	6.429	11.1	13.75	26.875	27.75
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/27/70-12/10/98	23	6800.	8704.348	18000.	2350.	22164298.419	4707.897	4760.	5600.	11000.	17300.
00300p	OXYGEN, DISSOLVED MG/L	01/27/70-12/10/98	22	4.35	4.209	7.2	1.7	4.125	2.031	1.7	2.2	6.125	7.08
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/27/70-12/10/98	23	0.9	1.143	3.	0.4	0.443	0.666	0.44	0.6	1.6	2.02
00403p	PH, LAB, STANDARD UNITS SU	01/27/70-12/10/98	23	6.9	6.922	7.3	6.6	0.039	0.198	6.64	6.8	7.1	7.16
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/27/70-12/10/98	23	6.9	6.88	7.3	6.6	0.041	0.202	6.64	6.8	7.1	7.16
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/27/70-12/10/98	23	0.126	0.132	0.251	0.05	0.003	0.059	0.07	0.079	0.158	0.231
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/27/70-12/10/98	21	34.	35.762	56.	24.	75.29	8.677	25.2	30.	40.5	50.8
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/27/70-12/10/98	17	41.	96.882	690.	27.	26416.235	162.531	27.8	30.5	77.	346.
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/27/70-12/10/98	21	2400.	3142.857	7500.	750.	3237321.429	1799.256	1480.	1875.	4700.	5790.
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/27/70-12/10/98	11	4300.	8184.545	23000.	930.	48204027.273	6942.912	1204.	2300.	15000.	21400.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/27/70-12/10/98	11	3.633	3.749	4.362	2.968	0.179	0.423	3.047	3.362	4.176	4.325
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5615.438								

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

Annual Analysis for 1972 - Station FOPU0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/25/70-12/10/98	12	21.2	20.517	30.	12.5	33.409	5.78	12.77	15.225	25.6	29.1
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/04/72-12/10/98	7	23.	25.571	34.	22.	20.286	4.504	**	**	**	**
00065	STAGE, STREAM (FEET)	02/02/72-10/31/84	9	3.	4.2	8.7	0.3	8.872	2.979	0.3	1.7	6.9	8.7
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-12/10/98	12	9900.	9552.083	19000.	1225.	25001188.447	5000.119	1877.5	5750.	12750.	17590.
00300p	OXYGEN, DISSOLVED MG/L	01/27/70-12/10/98	12	4.3	4.467	7.9	0.6	4.435	2.106	1.11	2.775	5.875	7.66
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/27/70-12/10/98	11	0.9	0.827	1.3	0.3	0.082	0.287	0.32	0.7	1.	1.26
00403p	PH, LAB, STANDARD UNITS SU	01/27/70-12/10/98	12	6.85	6.942	7.3	6.7	0.044	0.211	6.7	6.8	7.175	7.27
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/27/70-12/10/98	12	6.847	6.899	7.3	6.7	0.046	0.216	6.7	6.8	7.175	7.27
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/27/70-12/10/98	12	0.142	0.126	0.2	0.05	0.003	0.054	0.054	0.067	0.158	0.2
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/27/70-12/10/98	11	32.	36.364	54.	18.	116.255	10.782	20.2	30.	47.	53.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/27/70-12/10/98	12	34.	50.75	112.	14.	1336.023	36.552	17.3	26.5	91.5	111.7
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/27/70-12/10/98	12	2700.	2697.917	5050.	200.	2986433.902	1728.13	234.5	1107.5	4175.	5005.
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/27/70-12/10/98	12	5900.	11486.667	43000.	430.	236296187.879	15371.929	445.	1272.5	13575.	43000.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/27/70-12/10/98	12	3.754	3.658	4.633	2.633	0.461	0.679	2.648	3.067	4.124	4.633
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4549.158								

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

Annual Analysis for 1973 - Station FOPU0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/25/70-12/10/98	12	19.25	20.042	28.5	7.5	41.339	6.43	9.	16.25	26.25	28.05
00065	STAGE, STREAM (FEET)	02/02/72-10/31/84	6	5.	4.167	6.3	0.5	5.339	2.311	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-12/10/98	12	2350.	6172.5	16000.	870.	37089675.	6090.129	903.	1052.5	12100.	15730.
00300p	OXYGEN, DISSOLVED MG/L	01/27/70-12/10/98	12	5.65	5.733	10.3	3.4	4.437	2.106	3.43	3.875	7.125	9.64
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/27/70-12/10/98	12	0.6	0.833	4.2	0.1	1.172	1.082	0.13	0.425	0.7	3.21
00403p	PH, LAB, STANDARD UNITS SU	01/27/70-12/10/98	12	6.95	6.958	7.5	6.6	0.088	0.297	6.6	6.7	7.25	7.44
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/27/70-12/10/98	12	6.947	6.876	7.5	6.6	0.096	0.309	6.6	6.7	7.25	7.44
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/27/70-12/10/98	12	0.113	0.133	0.251	0.032	0.006	0.078	0.037	0.057	0.2	0.251
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/27/70-12/10/98	12	23.5	30.25	56.	16.	193.114	13.897	16.6	18.25	43.75	53.6
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/27/70-12/10/98	12	38.	40.917	82.	15.	375.174	19.369	17.7	27.	47.5	79.
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	01/23/73-12/10/98	12	6.	6.417	12.	5.	4.083	2.021	5.	5.	7.	10.8
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/27/70-12/10/98	12	675.	2055.333	6200.	214.	4690664.061	2165.794	239.8	365.	4287.5	5780.
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/27/70-12/10/98	11	9300.	51309.091	230000.	3900.	7867180909.091	88697.13	3980.	4300.	23000.	230000.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/27/70-12/10/98	11	3.968	4.203	5.362	3.591	0.422	0.649	3.6	3.633	4.362	5.362
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			15972.41								

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

Annual Analysis for 1974 - Station FOPU0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/27/70-12/10/98	14	20.	18.786	20.	3.	20.643	4.543	11.5	20.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/25/70-12/10/98	24	20.4	20.746	28.9	11.	29.662	5.446	12.3	16.5	25.95	27.95
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/04/72-12/10/98	4	17.6	17.6	24.8	10.4	69.12	8.314	**	**	**	**
00065	STAGE, STREAM (FEET)	02/02/72-10/31/84	6	8.2	7.	8.8	3.8	4.988	2.233	**	**	**	**
00080p	COLOR (PLATINUM-COBALT UNITS)	07/02/74-12/10/98	11	20.	23.727	70.	2.5	534.768	23.125	2.5	8.	40.	68.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-12/10/98	21	9000.	9484.286	24100.	600.	36227485.714	6018.927	2052.	4470.	14250.	16780.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/27/70-12/10/98	12	8640.	10535.333	21700.	44.	70896941.333	8420.032	210.8	2300.	19500.	21640.
00300p	OXYGEN, DISSOLVED MG/L	01/27/70-12/10/98	22	5.6	5.486	8.2	2.9	2.767	1.663	3.29	4.05	6.675	7.87
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/27/70-12/10/98	24	0.7	0.748	2.2	0.05	0.248	0.498	0.1	0.4	1.1	1.45
00400p	PH (STANDARD UNITS)	01/15/74-12/10/98	23	6.8	6.809	7.3	6.4	0.052	0.227	6.48	6.7	6.9	7.16
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-12/10/98	23	6.8	6.755	7.3	6.4	0.055	0.234	6.48	6.7	6.9	7.16
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-12/10/98	23	0.158	0.176	0.398	0.05	0.008	0.09	0.07	0.126	0.2	0.339
00403p	PH, LAB, STANDARD UNITS SU	01/27/70-12/10/98	24	7.2	7.196	7.6	6.9	0.029	0.171	7.	7.1	7.3	7.45
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/27/70-12/10/98	24	7.2	7.166	7.6	6.9	0.03	0.173	7.	7.1	7.3	7.45
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/27/70-12/10/98	24	0.063	0.068	0.126	0.025	0.001	0.025	0.036	0.05	0.079	0.1
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/27/70-12/10/98	24	33.	34.583	60.	14.	174.341	13.204	15.5	24.75	46.25	57.
00480p	SALINITY - PARTS PER THOUSAND	02/05/74-06/25/91	19	5.2	6.074	13.8	0.3	17.234	4.151	0.3	2.8	9.9	12.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/27/70-12/10/98	21	37.	84.857	370.	17.	9751.229	98.748	18.8	26.	128.	277.2
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/07/74-12/10/98	13	0.1	0.135	0.31	0.05	0.007	0.083	0.058	0.075	0.205	0.29
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/07/74-12/10/98	13	0.24	0.258	0.39	0.18	0.005	0.068	0.184	0.205	0.32	0.378
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	05/07/74-12/10/98	13	0.14	0.208	1.04	0.05	0.071	0.267	0.05	0.065	0.24	0.764
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	01/23/73-12/10/98	18	6.	6.278	10.	4.	4.683	2.164	4.	4.	7.5	10.
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/27/70-12/10/98	24	2362.5	3218.125	8550.	4.	6358374.549	2521.582	173.	1350.	5337.5	7300.
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/27/70-12/10/98	12	12150.	51902.5	230000.	930.	5308472802.273	72859.267	1341.	7500.	88500.	206000.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/27/70-12/10/98	12	4.072	4.245	5.362	2.968	0.535	0.732	3.086	3.875	4.945	5.306
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			17567.372								

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

Annual Analysis for 1975 - Station FOPU0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/27/70-12/10/98	24	8.5	10.792	20.	3.	66.52	8.156	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/25/70-12/10/98	24	20.25	19.463	28.	9.3	39.802	6.309	11.65	13.4	25.525	27.95

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

Annual Analysis for 1975 - Station FOPU0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/04/72-12/10/98	24	24.	20.254	30.3	6.1	75.65	8.698	7.05	11.175	28.45	29.9
00065	STAGE, STREAM (FEET)	02/02/72-10/31/84	21	3.9	4.829	11.3	1.1	10.189	3.192	1.4	2.6	7.25	10.88
00080p	COLOR (PLATINUM-COBALT UNITS)	07/02/74-12/10/98	24	22.5	27.292	60.	2.5	438.542	20.941	3.75	6.25	48.75	60.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-12/10/98	24	10150.	9778.333	23200.	2120.	35024153.623	5918.121	2275.	3957.5	14425.	17350.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/27/70-12/10/98	24	11250.	9644.125	17300.	2100.	25152197.94	5015.197	3050.	3994.25	13500.	15700.
00300p	OXYGEN, DISSOLVED MG/L	01/27/70-12/10/98	24	5.35	5.983	8.5	3.7	3.034	1.742	3.85	4.325	7.8	8.35
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/27/70-12/10/98	24	0.85	1.075	3.2	0.1	0.558	0.747	0.3	0.525	1.7	2.1
00400p	PH (STANDARD UNITS)	01/15/74-12/10/98	24	6.9	6.783	7.2	5.	0.191	0.437	6.35	6.8	6.975	7.15
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-12/10/98	24	6.9	6.245	7.2	5.	0.493	0.702	6.35	6.8	6.975	7.15
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-12/10/98	24	0.126	0.569	10.	0.063	4.046	2.011	0.071	0.106	0.158	0.45
00403p	PH, LAB, STANDARD UNITS SU	01/27/70-12/10/98	24	7.15	7.058	7.5	5.	0.222	0.471	6.85	7.	7.275	7.4
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/27/70-12/10/98	24	7.147	6.31	7.5	5.	0.807	0.898	6.85	7.	7.275	7.4
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/27/70-12/10/98	24	0.071	0.49	10.	0.032	4.104	2.026	0.04	0.053	0.1	0.142
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/27/70-12/10/98	24	36.	32.75	49.	2.	162.109	12.732	15.	25.	43.	47.
00480p	SALINITY - PARTS PER THOUSAND	02/05/74-06/25/91	24	7.05	6.129	13.8	1.7	10.58	3.253	1.85	2.7	8.2	9.75
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/27/70-12/10/98	24	19.5	45.75	327.	5.	5770.717	75.965	7.	11.75	47.75	149.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/07/74-12/10/98	24	0.14	0.137	0.27	0.04	0.004	0.062	0.06	0.093	0.168	0.25
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/07/74-12/10/98	24	0.175	0.155	0.25	0.04	0.004	0.062	0.06	0.1	0.2	0.23
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	05/07/74-12/10/98	23	0.08	0.123	0.53	0.06	0.013	0.113	0.06	0.07	0.12	0.306
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	01/23/73-12/10/98	24	7.	8.375	22.	4.	17.984	4.241	4.5	6.	9.	16.
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/27/70-12/10/98	24	3750.	3211.25	6225.	600.	3201476.63	1789.267	870.	1250.	4393.75	5675.
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/27/70-12/10/98	12	5900.	1312450.833	11000000.	150.	**********	3323457.797	384.	1272.5	75000.	9080000.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/27/70-12/10/98	12	3.754	4.149	7.041	2.176	2.118	1.455	2.414	3.067	4.807	6.928
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			14092.15								

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

Annual Analysis for 1976 - Station FOPU0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/27/70-12/10/98	24	11.5	11.5	20.	3.	75.391	8.683	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/25/70-12/10/98	30	23.6	20.88	29.	9.8	46.558	6.823	10.11	13.95	27.75	28.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/04/72-12/10/98	29	25.	21.248	36.	5.	93.515	9.67	5.5	11.7	28.	31.8
00065	STAGE, STREAM (FEET)	02/02/72-10/31/84	18	5.6	5.533	11.	0.3	16.362	4.045	0.3	1.625	9.4	11.
00080p	COLOR (PLATINUM-COBALT UNITS)	07/02/74-12/10/98	30	20.	21.333	60.	2.5	281.782	16.786	2.5	5.	30.	49.5
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-12/10/98	24	10150.	8821.667	18800.	272.	38406987.014	6197.337	429.	2142.5	13750.	16600.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/27/70-12/10/98	30	7782.5	7280.933	19610.	292.	27325277.926	5227.359	463.1	1841.75	10300.	14530.
00300p	OXYGEN, DISSOLVED MG/L	01/27/70-12/10/98	30	5.8	6.03	9.	3.3	3.11	1.764	4.02	4.4	7.95	8.59
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/27/70-12/10/98	28	1.	1.182	3.6	0.3	0.708	0.842	0.3	0.5	1.775	2.51
00400p	PH (STANDARD UNITS)	01/15/74-12/10/98	24	7.05	7.094	8.	6.4	0.158	0.397	6.45	6.8	7.375	7.65
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-12/10/98	24	7.05	6.932	8.	6.4	0.185	0.43	6.45	6.8	7.375	7.65
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-12/10/98	24	0.089	0.117	0.398	0.01	0.012	0.109	0.024	0.042	0.158	0.357
00403p	PH, LAB, STANDARD UNITS SU	01/27/70-12/10/98	30	7.15	7.203	8.	6.5	0.134	0.366	6.7	6.9	7.5	7.69
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/27/70-12/10/98	30	7.147	7.063	8.	6.5	0.154	0.393	6.7	6.9	7.5	7.69
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/27/70-12/10/98	30	0.071	0.086	0.316	0.01	0.005	0.073	0.02	0.032	0.126	0.2
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/27/70-12/10/98	30	34.5	34.667	60.	18.	164.575	12.829	19.1	21.	46.5	50.9
00480p	SALINITY - PARTS PER THOUSAND	02/05/74-06/25/91	24	6.9	5.871	13.2	0.2	16.605	4.075	0.25	1.275	9.15	10.25
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/27/70-12/10/98	30	20.5	43.333	220.	5.	3019.885	54.953	6.	10.	45.	127.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/07/74-12/10/98	26	0.145	0.239	1.6	0.04	0.089	0.299	0.067	0.098	0.28	0.418
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/07/74-12/10/98	26	0.195	0.185	0.32	0.04	0.006	0.075	0.085	0.115	0.25	0.283
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	05/07/74-12/10/98	25	0.09	0.116	0.36	0.06	0.006	0.075	0.06	0.075	0.12	0.242
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	01/23/73-12/10/98	24	8.	9.25	20.	4.	17.587	4.194	4.5	7.	10.75	17.
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/27/70-12/10/98	30	3850.	3646.733	7900.	63.	4744611.099	2178.213	121.8	2200.	5207.5	6195.
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/27/70-12/10/98	16	4300.	14910.938	93000.	15.	772397540.729	27792.041	655.5	2300.	12325.	80400.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/27/70-12/10/98	16	3.633	3.569	4.968	1.176	0.753	0.868	2.431	3.362	4.04	4.903
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3709.301								

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

Annual Analysis for 1977 - Station FOPU0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/27/70-12/10/98	20	11.5	11.5	20.	3.	76.053	8.721	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/25/70-12/10/98	20	18.75	17.24	28.	6.	59.62	7.721	6.	11.	22.375	27.95
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/04/72-12/10/98	20	21.	20.67	32.2	5.	84.063	9.169	5.7	12.5	30.	32.18
00065	STAGE, STREAM (FEET)	02/02/72-10/31/84	6	4.9	6.3	9.3	4.7	5.408	2.326	**	**	**	**
00080p	COLOR (PLATINUM-COBALT UNITS)	07/02/74-12/10/98	20	25.	27.275	50.	2.5	258.249	16.07	5.5	11.25	40.	50.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-12/10/98	19	7000.	9747.368	22500.	320.	66752209.357	8170.203	370.	1550.	17200.	21500.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/27/70-12/10/98	19	9100.	8542.842	21940.	5.	61276393.14	7827.924	316.	1325.	15250.	18750.
00300p	OXYGEN, DISSOLVED MG/L	01/27/70-12/10/98	20	6.95	7.105	10.3	4.5	4.051	2.013	4.52	5.1	8.5	10.28
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/27/70-12/10/98	20	0.9	0.865	1.4	0.3	0.086	0.292	0.5	0.625	1.075	1.29
00400p	PH (STANDARD UNITS)	01/15/74-12/10/98	20	7.25	7.255	8.	6.4	0.208	0.456	6.52	6.85	7.575	7.97
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-12/10/98	20	7.247	7.029	8.	6.4	0.261	0.511	6.52	6.85	7.575	7.97
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-12/10/98	20	0.057	0.093	0.398	0.01	0.011	0.105	0.011	0.027	0.144	0.305
00403p	PH, LAB, STANDARD UNITS SU	01/27/70-12/10/98	19	7.5	7.368	7.8	6.8	0.088	0.296	7.	7.1	7.6	7.7
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/27/70-12/10/98	19	7.5	7.271	7.8	6.8	0.098	0.313	7.	7.1	7.6	7.7
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/27/70-12/10/98	19	0.032	0.054	0.158	0.016	0.001	0.038	0.02	0.025	0.079	0.1
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/27/70-12/10/98	12	26.	29.75	60.	17.	161.659	12.715	17.6	19.5	37.	55.2
00480p	SALINITY - PARTS PER THOUSAND	02/05/74-06/25/91	13	10.5	10.831	15.	3.9	11.497	3.391	5.1	8.55	14.	15.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/27/70-12/10/98	19	24.	29.053	94.	3.	532.719	23.081	6.	15.	41.	64.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/07/74-12/10/98	20	0.1	0.127	0.36	0.04	0.008	0.088	0.06	0.063	0.138	0.327
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/77-12/10/98	4	0.35	0.425	0.9	0.1	0.116	0.34	**	**	**	**
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/07/74-12/10/98	20	0.215	0.241	0.5	0.09	0.012	0.112	0.103	0.143	0.323	0.43
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	05/07/74-12/10/98	20	0.1	0.124	0.31	0.07	0.004	0.062	0.08	0.09	0.11	0.244
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	01/23/73-12/10/98	20	5.5	6.1	10.	3.	7.568	2.751	3.	4.	9.75	10.
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/27/70-12/10/98	18	2550.	2767.889	7200.	83.	6337079.046	2517.356	85.7	418.75	4925.	7020.
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/27/70-12/10/98	10	930.	1443.	4300.	150.	2108823.333	1452.179	178.	430.	2100.	4260.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/27/70-12/10/98	10	2.968	2.972	3.633	2.176	0.192	0.438	2.222	2.633	3.28	3.629
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			937.041								
82078p	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	03/10/77-05/14/91	16	19.5	22.813	58.	7.	270.563	16.449	7.	9.25	31.25	53.8

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Annual Analysis for 1978 - Station FOPU0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/27/70-12/10/98	24	11.5	11.5	20.	3.	75.391	8.683	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/25/70-12/10/98	24	19.5	19.917	29.5	7.	52.08	7.217	8.25	14.125	27.125	29.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/04/72-12/10/98	24	22.5	22.083	30.	8.	40.601	6.372	11.	18.75	28.5	29.5
00065	STAGE, STREAM (FEET)	02/02/72-10/31/84	13	6.4	4.923	9.	0.5	11.182	3.344	0.5	2.	8.025	9.
00080p	COLOR (PLATINUM-COBALT UNITS)	07/02/74-12/10/98	24	25.	34.875	150.	15.	806.462	28.398	16.	20.	40.	62.5
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-12/10/98	22	8400.	11430.909	24400.	510.	58745037.229	7664.531	1612.	5102.5	19250.	22340.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/27/70-12/10/98	24	10886.5	10874.083	22100.	645.	39070591.123	6250.647	2899.5	5912.5	14775.	20500.
00300p	OXYGEN, DISSOLVED MG/L	01/27/70-12/10/98	24	5.9	6.179	10.9	3.2	5.673	2.382	3.5	4.2	8.225	10.15
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/27/70-12/10/98	24	1.	0.962	1.9	0.5	0.133	0.365	0.5	0.7	1.1	1.45
00400p	PH (STANDARD UNITS)	01/15/74-12/10/98	23	7.2	7.23	7.5	6.8	0.054	0.232	6.9	7.	7.5	7.5
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-12/10/98	23	7.2	7.169	7.5	6.8	0.058	0.241	6.9	7.	7.5	7.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-12/10/98	23	0.063	0.068	0.158	0.032	0.001	0.038	0.032	0.032	0.1	0.126
00403p	PH, LAB, STANDARD UNITS SU	01/27/70-12/10/98	24	7.3	7.337	7.7	6.8	0.041	0.202	7.05	7.3	7.5	7.6
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/27/70-12/10/98	24	7.3	7.286	7.7	6.8	0.043	0.208	7.05	7.3	7.5	7.6
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/27/70-12/10/98	24	0.05	0.052	0.158	0.02	0.001	0.031	0.025	0.032	0.05	0.094
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/27/70-12/10/98	12	60.	56.583	69.	41.	84.811	9.209	41.9	48.25	62.	68.7
00480p	SALINITY - PARTS PER THOUSAND	02/05/74-06/25/91	24	6.05	7.054	16.	0.4	17.15	4.141	1.85	4.	10.95	12.6
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/27/70-12/10/98	24	19.5	55.375	345.	7.	6080.505	77.978	8.	13.	52.75	171.5
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/07/74-12/10/98	24	0.125	0.134	0.46	0.02	0.008	0.087	0.035	0.09	0.178	0.205
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/77-12/10/98	6	0.7	0.883	2.4	0.1	0.63	0.794	**	**	**	**
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/07/74-12/10/98	24	0.37	0.379	0.62	0.13	0.02	0.141	0.155	0.28	0.518	0.545
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	05/07/74-12/10/98	24	0.085	0.136	0.5	0.04	0.013	0.115	0.05	0.07	0.145	0.33
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	01/23/73-12/10/98	24	5.	6.592	16.	2.	20.049	4.478	3.	4.	9.	16.

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Annual Analysis for 1978 - Station FOPU0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/27/70-12/10/98	22	4150.	4373.909	8950.	176.	6545997.61	2558.515	1687.5	2187.5	6600.	8545.
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/27/70-12/10/98	12	1900.	1585.	4300.	230.	1607172.727	1267.743	230.	407.5	2300.	3700.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/27/70-12/10/98	12	3.269	3.018	3.633	2.362	0.211	0.46	2.362	2.61	3.362	3.552
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1041.248								
82078p	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	03/10/77-05/14/91	24	15.5	26.833	130.	6.	750.145	27.389	9.	9.	35.75	57.5

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Annual Analysis for 1979 - Station FOPU0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/27/70-12/10/98	36	20.	12.444	20.	3.	73.397	8.567	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/25/70-12/10/98	36	19.75	19.331	29.1	8.5	43.468	6.593	8.5	14.	24.6	26.93
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/04/72-12/10/98	35	23.	19.514	29.5	2.5	80.551	8.975	4.9	12.	29.	29.2
00065	STAGE, STREAM (FEET)	02/02/72-10/31/84	21	7.5	6.	12.5	0.6	20.046	4.477	0.6	1.3	9.6	12.5
00080p	COLOR (PLATINUM-COBALT UNITS)	07/02/74-12/10/98	34	40.	43.088	120.	5.	960.628	30.994	10.	20.	62.5	90.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-12/10/98	18	6820.	8333.333	19900.	350.	41773741.176	6463.261	845.	1700.	14125.	18100.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/27/70-12/10/98	35	8099.	10075.514	72500.	390.	150007840.787	12247.769	1000.	2600.	12720.	17980.
00300p	OXYGEN, DISSOLVED MG/L	01/27/70-12/10/98	36	6.6	6.322	9.3	3.7	2.983	1.727	4.11	4.7	7.5	9.23
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/27/70-12/10/98	32	0.7	0.887	3.	0.4	0.337	0.581	0.43	0.525	0.8	1.84
00400p	PH (STANDARD UNITS)	01/15/74-12/10/98	36	6.9	6.944	7.7	6.3	0.153	0.391	6.5	6.6	7.2	7.53
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-12/10/98	36	6.9	6.795	7.7	6.3	0.176	0.419	6.5	6.6	7.2	7.53
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-12/10/98	36	0.126	0.16	0.501	0.02	0.016	0.127	0.03	0.063	0.251	0.316
00403p	PH, LAB, STANDARD UNITS SU	01/27/70-12/10/98	35	7.3	7.289	7.8	6.4	0.106	0.325	6.82	7.1	7.5	7.7
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/27/70-12/10/98	35	7.3	7.136	7.8	6.4	0.13	0.36	6.82	7.1	7.5	7.7
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/27/70-12/10/98	35	0.05	0.073	0.398	0.016	0.008	0.088	0.02	0.032	0.079	0.155
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/27/70-12/10/98	35	42.	39.543	69.	11.	241.197	15.531	17.6	25.	50.	57.
00480p	SALINITY - PARTS PER THOUSAND	02/05/74-06/25/91	22	4.3	4.973	13.8	0.2	15.971	3.996	0.29	1.05	8.05	10.89
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/27/70-12/10/98	34	27.	44.029	280.	1.	2994.757	54.724	12.	20.	34.75	128.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/07/74-12/10/98	36	0.14	0.129	0.29	0.02	0.004	0.065	0.037	0.08	0.168	0.21
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/77-12/10/98	14	0.605	0.811	2.1	0.2	0.338	0.581	0.25	0.3	1.155	1.86
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/07/74-12/10/98	36	0.35	0.321	0.5	0.07	0.018	0.132	0.105	0.208	0.44	0.48
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	05/07/74-12/10/98	36	0.08	0.106	0.45	0.06	0.006	0.078	0.06	0.07	0.11	0.25
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	01/23/73-12/10/98	36	5.	6.114	20.	2.	13.765	3.71	2.7	4.	7.	12.
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/27/70-12/10/98	31	3249.	3153.742	7842.	94.	5871812.731	2423.182	269.	524.	4715.	6248.
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/27/70-12/10/98	14	930.	1943.571	9300.	90.	9878220.879	3142.964	160.	430.	1425.	9300.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/27/70-12/10/98	14	2.968	2.926	3.968	1.954	0.299	0.547	2.158	2.633	3.154	3.968
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			843.941								
82078p	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	03/10/77-05/14/91	24	20.5	26.879	120.	8.1	543.69	23.317	10.5	12.25	33.25	49.

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

Annual Analysis for 1980 - Station FOPU0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/27/70-12/10/98	24	11.5	11.5	20.	3.	75.391	8.683	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/25/70-12/10/98	23	19.	18.413	30.	6.5	51.151	7.152	8.2	11.	24.5	28.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/04/72-12/10/98	24	23.	21.208	36.	5.	81.933	9.052	7.5	13.	27.875	33.5
00065	STAGE, STREAM (FEET)	02/02/72-10/31/84	19	7.8	7.263	10.8	1.5	10.578	3.252	1.5	4.9	10.3	10.8
00080p	COLOR (PLATINUM-COBALT UNITS)	07/02/74-12/10/98	24	25.	38.75	150.	10.	1020.109	31.939	10.	20.	57.5	75.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-12/10/98	20	11150.	10535.5	20800.	1420.	38020668.158	6166.09	1814.	4462.5	15425.	18930.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/27/70-12/10/98	24	11815.	10432.167	19000.	1650.	38087335.536	6171.494	2082.5	4200.	17075.	18500.
00300p	OXYGEN, DISSOLVED MG/L	01/27/70-12/10/98	24	6.4	7.037	10.7	4.2	3.157	1.777	4.8	5.8	8.625	9.7
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/27/70-12/10/98	24	0.6	0.671	1.6	0.1	0.104	0.322	0.25	0.5	0.8	1.1
00400p	PH (STANDARD UNITS)	01/15/74-12/10/98	18	7.05	7.1	7.7	6.6	0.119	0.345	6.6	6.8	7.425	7.7

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Annual Analysis for 1980 - Station FOPU0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-12/10/98	18	7.047	6.986	7.7	6.6	0.133	0.364	6.6	6.8	7.425	7.7
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-12/10/98	18	0.09	0.103	0.251	0.02	0.005	0.071	0.02	0.038	0.158	0.251
00403p	PH, LAB, STANDARD UNITS SU	01/27/70-12/10/98	24	7.25	7.096	7.7	4.9	0.442	0.665	6.05	6.925	7.55	7.6
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/27/70-12/10/98	24	7.247	6.124	7.7	4.9	1.428	1.195	6.05	6.925	7.55	7.6
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/27/70-12/10/98	24	0.057	0.752	12.589	0.02	6.997	2.645	0.025	0.029	0.119	2.09
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/27/70-12/10/98	24	42.	37.	60.	1.	284.783	16.876	10.5	24.	49.75	55.5
00480p	SALINITY - PARTS PER THOUSAND	02/05/74-06/25/91	21	7.2	6.71	12.9	1.	17.269	4.156	1.06	2.25	11.	11.78
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/27/70-12/10/98	24	18.	22.396	80.	0.5	350.76	18.729	3.	8.25	33.25	47.5
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/07/74-12/10/98	24	0.095	0.105	0.2	0.01	0.003	0.052	0.045	0.07	0.135	0.2
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/77-12/10/98	12	0.3	0.308	0.4	0.2	0.006	0.079	0.2	0.225	0.4	0.4
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/07/74-12/10/98	24	0.325	0.324	0.6	0.11	0.016	0.127	0.12	0.248	0.395	0.495
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	05/07/74-12/10/98	24	0.075	0.081	0.18	0.04	0.001	0.034	0.05	0.06	0.09	0.14
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	01/23/73-12/10/98	24	5.5	5.25	8.	3.	1.826	1.351	3.5	4.	6.	7.5
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/27/70-12/10/98	22	4263.5	3654.591	6600.	470.	4873479.015	2207.596	594.5	1367.25	5551.	6500.8
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/27/70-12/10/98	12	2300.	2714.167	9300.	430.	6553790.152	2560.037	430.	795.	4300.	7800.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/27/70-12/10/98	12	3.362	3.253	3.968	2.633	0.187	0.432	2.633	2.898	3.633	3.868
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1789.588								
82078p	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	03/10/77-05/14/91	24	15.	15.708	35.	6.	51.433	7.172	7.	10.	18.	27.5

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Annual Analysis for 1981 - Station FOPU0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/27/70-12/10/98	34	3.	9.794	30.	3.	79.623	8.923	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/25/70-12/10/98	33	20.9	20.206	29.5	9.	50.602	7.114	9.6	14.	28.25	29.12
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/04/72-12/10/98	33	22.	22.879	33.	10.	49.032	7.002	12.2	18.5	30.	32.
00065	STAGE, STREAM (FEET)	02/02/72-10/31/84	21	4.8	5.29	9.	2.6	6.683	2.585	2.6	2.6	8.5	8.92
00080p	COLOR (PLATINUM-COBALT UNITS)	07/02/74-12/10/98	33	10.	15.606	40.	5.	80.871	8.993	5.	10.	20.	31.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-12/10/98	24	16600.	16908.333	24000.	8900.	19450362.319	4410.256	9950.	12875.	20725.	22500.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/27/70-12/10/98	31	16000.	14617.71	25080.	6560.	31824262.146	5641.3	7773.4	9055.	18500.	21040.
00300p	OXYGEN, DISSOLVED MG/L	01/27/70-12/10/98	33	6.1	6.403	9.9	3.6	4.306	2.075	3.74	4.75	8.	9.7
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/27/70-12/10/98	33	0.9	0.979	1.8	0.5	0.107	0.328	0.7	0.8	1.1	1.62
00400p	PH (STANDARD UNITS)	01/15/74-12/10/98	27	6.3	6.498	7.5	5.5	0.347	0.589	5.5	6.1	7.	7.4
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-12/10/98	27	6.3	6.163	7.5	5.5	0.464	0.681	5.5	6.1	7.	7.4
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-12/10/98	27	0.501	0.687	3.162	0.032	0.863	0.929	0.04	0.1	0.794	3.162
00403p	PH, LAB, STANDARD UNITS SU	01/27/70-12/10/98	33	7.5	7.552	7.9	7.4	0.021	0.146	7.4	7.4	7.65	7.8
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/27/70-12/10/98	33	7.5	7.529	7.9	7.4	0.022	0.148	7.4	7.4	7.65	7.8
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/27/70-12/10/98	33	0.032	0.03	0.04	0.013	0.	0.009	0.016	0.023	0.04	0.04
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/27/70-12/10/98	33	58.	56.091	78.	37.	103.773	10.187	41.	48.5	62.	70.4
00480p	SALINITY - PARTS PER THOUSAND	02/05/74-06/25/91	33	11.7	10.624	17.	5.6	9.838	3.137	6.24	7.85	12.5	14.72
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/27/70-12/10/98	32	19.5	27.719	109.	9.	456.338	21.362	11.	15.	37.75	58.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/07/74-12/10/98	33	0.12	0.136	0.32	0.07	0.002	0.048	0.09	0.11	0.16	0.196
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/77-12/10/98	8	0.4	0.419	1.1	0.05	0.09	0.3	**	**	**	**
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/07/74-12/10/98	33	0.32	0.335	0.58	0.14	0.014	0.119	0.19	0.24	0.405	0.54
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	05/07/74-12/10/98	33	0.08	0.088	0.21	0.06	0.001	0.03	0.07	0.07	0.1	0.13
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	01/23/73-12/10/98	33	5.	5.042	10.5	3.	2.223	1.491	4.	4.	5.8	6.8
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/27/70-12/10/98	32	6475.	6151.344	9850.	2710.	3573622.039	1890.403	3520.6	4515.	7595.	8471.
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/27/70-12/10/98	21	930.	5306.667	43000.	150.	158676613.333	12596.691	150.	330.	2300.	35260.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/27/70-12/10/98	21	2.968	3.04	4.633	2.176	0.521	0.722	2.176	2.498	3.362	4.433
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1097.432								
82078p	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	03/10/77-05/14/91	24	14.	15.75	57.	5.	113.326	10.645	6.5	9.25	19.	26.

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Annual Analysis for 1982 - Station FOPU0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/27/70-12/10/98	24	11.5	11.5	20.	3.	75.391	8.683	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/25/70-12/10/98	24	19.75	20.125	28.5	10.	48.44	6.96	10.	12.5	27.375	28.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/04/72-12/10/98	24	24.	21.417	32.	8.	54.21	7.363	8.5	15.5	26.5	30.
00080p	COLOR (PLATINUM-COBALT UNITS)	07/02/74-12/10/98	24	35.	38.333	80.	5.	423.188	20.572	15.	20.	50.	75.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-12/10/98	23	11600.	12447.826	28100.	1580.	47436099.605	6887.387	3212.	7500.	16200.	24460.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/27/70-12/10/98	24	10255.	10846.667	25800.	1520.	41932553.623	6475.535	2450.	5647.5	15100.	21050.
00300p	OXYGEN, DISSOLVED MG/L	01/27/70-12/10/98	24	6.1	6.275	9.1	3.6	3.558	1.886	4.1	4.625	8.4	9.05
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/27/70-12/10/98	24	0.8	0.867	1.6	0.3	0.119	0.345	0.55	0.6	1.075	1.5
00400p	PH (STANDARD UNITS)	01/15/74-12/10/98	22	6.45	6.459	7.	5.9	0.075	0.274	6.03	6.3	6.7	6.77
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-12/10/98	22	6.447	6.375	7.	5.9	0.082	0.287	6.03	6.3	6.7	6.77
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-12/10/98	22	0.357	0.422	1.259	0.1	0.083	0.288	0.171	0.2	0.501	0.938
00403p	PH, LAB, STANDARD UNITS SU	01/27/70-12/10/98	24	7.45	7.421	7.9	7.	0.077	0.278	7.	7.2	7.6	7.85
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/27/70-12/10/98	24	7.447	7.34	7.9	7.	0.084	0.29	7.	7.2	7.6	7.85
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/27/70-12/10/98	24	0.036	0.046	0.1	0.013	0.001	0.028	0.014	0.025	0.063	0.1
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/27/70-12/10/98	24	48.5	48.	80.	21.	233.043	15.266	26.	37.25	56.25	71.5
00480p	SALINITY - PARTS PER THOUSAND	02/05/74-06/25/91	24	7.65	7.808	17.9	1.	17.465	4.179	2.15	5.25	9.85	15.55
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/27/70-12/10/98	23	28.	53.522	224.	5.	3555.988	59.632	12.4	20.	53.	181.4
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/07/74-12/10/98	24	0.13	0.14	0.24	0.06	0.002	0.046	0.075	0.103	0.18	0.2
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/77-12/10/98	7	0.5	0.514	0.8	0.2	0.031	0.177	**	**	**	**
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/07/74-12/10/98	24	0.31	0.321	0.63	0.07	0.022	0.149	0.165	0.21	0.4	0.565
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	05/07/74-12/10/98	24	0.09	0.119	0.37	0.06	0.007	0.087	0.06	0.08	0.115	0.31
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	01/23/73-12/10/98	18	7.	6.889	11.	3.	5.958	2.441	3.9	4.5	8.25	11.
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/27/70-12/10/98	22	4211.	4332.818	10710.	625.	5723966.251	2392.481	1130.4	2558.75	4999.5	8389.
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/27/70-12/10/98	12	1500.	1521.25	3300.	130.	1053391.477	1026.349	160.	790.	2443.75	3150.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/27/70-12/10/98	12	3.172	3.038	3.519	2.114	0.189	0.434	2.188	2.898	3.387	3.497
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1090.969								
82078p	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	03/10/77-05/14/91	24	22.5	29.083	120.	6.	802.514	28.329	7.	11.5	32.25	85.

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Annual Analysis for 1983 - Station FOPU0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/27/70-12/10/98	25	20.	11.84	20.	3.	75.14	8.668	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/25/70-12/10/98	24	18.	18.958	30.	8.	59.15	7.691	8.	13.125	27.25	29.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/04/72-12/10/98	24	22.5	20.458	35.	6.	78.02	8.833	7.	11.75	26.375	32.5
00065	STAGE, STREAM (FEET)	02/02/72-10/31/84	1	6320.	6320.	6320.	6320.	0.	0.	**	**	**	**
00080p	COLOR (PLATINUM-COBALT UNITS)	07/02/74-12/10/98	23	25.	30.87	80.	5.	485.573	22.036	5.	15.	50.	66.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-12/10/98	24	9250.	9565.833	18600.	1110.	19779521.014	4447.417	3235.	6625.	12900.	15950.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/27/70-12/10/98	23	9010.	10344.348	20600.	1510.	29016198.419	5386.669	2472.	6420.	15400.	18540.
00300p	OXYGEN, DISSOLVED MG/L	01/27/70-12/10/98	24	6.05	6.554	9.8	3.4	3.803	1.95	4.25	4.95	8.7	9.35
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/27/70-12/10/98	23	0.9	1.072	3.3	0.05	0.397	0.63	0.64	0.8	1.1	1.92
00400p	PH (STANDARD UNITS)	01/15/74-12/10/98	22	6.35	6.609	7.6	6.1	0.23	0.48	6.1	6.2	7.025	7.38
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-12/10/98	22	6.347	6.418	7.6	6.1	0.269	0.518	6.1	6.2	7.025	7.38
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-12/10/98	22	0.45	0.382	0.794	0.025	0.081	0.284	0.046	0.095	0.631	0.794
00403p	PH, LAB, STANDARD UNITS SU	01/27/70-12/10/98	23	7.4	7.422	7.7	7.1	0.029	0.17	7.2	7.3	7.6	7.6
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/27/70-12/10/98	23	7.4	7.39	7.7	7.1	0.03	0.174	7.2	7.3	7.6	7.6
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/27/70-12/10/98	23	0.04	0.041	0.079	0.02	0.	0.016	0.025	0.025	0.05	0.063
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/27/70-12/10/98	23	42.	43.609	74.	20.	212.613	14.581	23.2	33.	53.	68.6
00480p	SALINITY - PARTS PER THOUSAND	02/05/74-06/25/91	24	5.1	6.092	11.8	0.2	10.043	3.169	1.95	4.025	8.95	11.1
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/27/70-12/10/98	23	16.	28.652	174.	3.	1392.419	37.315	5.8	10.	29.	78.6
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/07/74-12/10/98	23	0.13	0.146	0.26	0.07	0.003	0.055	0.078	0.11	0.18	0.252
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/77-12/10/98	1	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/07/74-12/10/98	23	0.22	0.197	0.36	0.03	0.011	0.107	0.064	0.07	0.29	0.344
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	05/07/74-12/10/98	23	0.08	0.111	0.41	0.04	0.008	0.088	0.048	0.07	0.11	0.266
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	01/23/73-12/10/98	23	6.3	6.791	19.7	0.5	16.473	4.059	2.32	4.2	8.3	12.74
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/27/70-12/10/98	23	3049.	3869.	8387.	428.	5254590.727	2292.289	1181.4	2100.	6173.	7768.2

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Annual Analysis for 1983 - Station FOPU0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/27/70-12/10/98	12	250.	545.	2300.	50.	428718.182	654.766	56.	185.	715.	2000.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/27/70-12/10/98	12	2.397	2.497	3.362	1.699	0.23	0.48	1.743	2.263	2.846	3.287
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			314.252								
82078p	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	03/10/77-05/14/91	24	12.5	20.792	140.	5.	813.65	28.525	6.5	9.25	17.75	49.5

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Annual Analysis for 1984 - Station FOPU0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/27/70-12/10/98	22	11.5	11.5	20.	3.	75.69	8.7	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/25/70-12/10/98	22	22.15	19.855	28.5	7.5	47.542	6.895	8.6	13.	25.5	27.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/04/72-12/10/98	22	18.	21.173	33.	12.	44.628	6.68	13.05	16.	28.2	31.1
00065	STAGE, STREAM (FEET)	02/02/72-10/31/84	8	4.6	4.475	6.	2.7	2.694	1.641	**	**	**	**
00080p	COLOR (PLATINUM-COBALT UNITS)	07/02/74-12/10/98	22	32.5	34.545	85.	10.	378.355	19.451	10.	20.	45.	67.5
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-12/10/98	21	8200.	8340.	16000.	2200.	18394000.	4288.823	2432.	4050.	12100.	12980.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/27/70-12/10/98	22	10005.	9485.864	15700.	1039.	16932991.647	4114.972	2623.	7405.	12550.	14610.
00300p	OXYGEN, DISSOLVED MG/L	01/27/70-12/10/98	22	5.65	6.373	10.5	4.1	4.055	2.014	4.26	4.575	8.25	9.71
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/27/70-12/10/98	22	0.9	1.023	2.4	0.4	0.216	0.465	0.7	0.775	1.125	1.91
00400p	PH (STANDARD UNITS)	01/15/74-12/10/98	18	6.8	6.828	7.3	6.5	0.044	0.211	6.59	6.7	7.	7.21
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-12/10/98	18	6.8	6.784	7.3	6.5	0.046	0.216	6.59	6.7	7.	7.21
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-12/10/98	18	0.158	0.164	0.316	0.05	0.005	0.07	0.062	0.1	0.2	0.258
00403p	PH, LAB, STANDARD UNITS SU	01/27/70-12/10/98	22	7.4	7.395	7.7	7.	0.037	0.191	7.06	7.275	7.5	7.67
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/27/70-12/10/98	22	7.4	7.353	7.7	7.	0.039	0.196	7.06	7.275	7.5	7.67
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/27/70-12/10/98	22	0.04	0.044	0.1	0.02	0.	0.022	0.022	0.032	0.053	0.089
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/27/70-12/10/98	22	39.	38.773	58.	20.	114.089	10.681	22.6	32.5	46.25	54.8
00480p	SALINITY - PARTS PER THOUSAND	02/05/74-06/25/91	22	6.1	5.377	9.5	1.2	5.66	2.379	1.64	3.375	7.425	8.06
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/27/70-12/10/98	22	25.5	51.955	252.	5.	3997.855	63.229	15.2	19.75	53.	182.2
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/07/74-12/10/98	22	0.135	0.173	0.91	0.04	0.029	0.17	0.086	0.118	0.165	0.217
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/07/74-12/10/98	22	0.165	0.154	0.26	0.01	0.003	0.058	0.056	0.13	0.193	0.221
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	05/07/74-12/10/98	22	0.085	0.104	0.22	0.06	0.002	0.046	0.07	0.07	0.125	0.201
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	01/23/73-12/10/98	22	6.55	7.655	17.5	3.2	17.335	4.164	3.36	4.675	10.425	15.57
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/27/70-12/10/98	22	3436.	3245.318	5777.	311.	2409068.418	1552.117	865.8	2373.25	4347.	5455.7
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/27/70-12/10/98	11	490.	1150.909	7900.	120.	5062309.091	2249.958	122.	330.	790.	6478.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/27/70-12/10/98	11	2.69	2.723	3.898	2.079	0.229	0.479	2.086	2.519	2.898	3.698
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			528.52								
82078p	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	03/10/77-05/14/91	22	15.5	22.955	95.	6.	409.284	20.231	7.3	10.	32.	45.4

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Annual Analysis for 1985 - Station FOPU0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/27/70-12/10/98	20	3.	8.2	20.	0.	80.379	8.965	0.	0.75	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/25/70-12/10/98	14	15.25	15.571	24.5	8.	30.956	5.564	8.	9.75	20.	24.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/04/72-12/10/98	14	13.	15.429	25.	6.	58.956	7.678	6.	6.	23.5	25.
00080p	COLOR (PLATINUM-COBALT UNITS)	07/02/74-12/10/98	15	20.	23.333	60.	10.	234.524	15.314	10.	10.	30.	51.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-12/10/98	15	11200.	11590.	19700.	3900.	30088642.857	5485.312	4080.	6400.	16200.	18980.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/27/70-12/10/98	16	12500.	11997.5	17600.	4790.	20948526.667	4576.956	4937.	8027.5	16500.	17390.
00300p	OXYGEN, DISSOLVED MG/L	01/27/70-12/10/98	14	8.1	7.693	9.5	5.1	2.745	1.657	5.1	6.2	9.4	9.5
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/27/70-12/10/98	13	0.9	1.077	1.5	0.7	0.077	0.277	0.78	0.9	1.4	1.5
00400p	PH (STANDARD UNITS)	01/15/74-12/10/98	13	6.8	6.823	7.2	6.5	0.062	0.249	6.5	6.65	7.05	7.2
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-12/10/98	13	6.8	6.764	7.2	6.5	0.066	0.256	6.5	6.65	7.05	7.2
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-12/10/98	13	0.158	0.172	0.316	0.063	0.008	0.087	0.063	0.094	0.225	0.316
00403p	PH, LAB, STANDARD UNITS SU	01/27/70-12/10/98	15	7.4	7.333	7.6	6.6	0.078	0.279	6.84	7.1	7.6	7.6

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Annual Analysis for 1985 - Station FOPU0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/27/70-12/10/98	15	7.4	7.226	7.6	6.6	0.09	0.301	6.84	7.1	7.6	7.6
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/27/70-12/10/98	15	0.04	0.059	0.251	0.025	0.003	0.058	0.025	0.025	0.079	0.16
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/27/70-12/10/98	14	47.	46.5	68.	27.	138.577	11.772	27.	36.75	56.	63.
00480p	SALINITY - PARTS PER THOUSAND	02/05/74-06/25/91	14	7.45	7.564	11.	3.2	8.95	2.992	3.2	4.35	10.425	10.9
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/27/70-12/10/98	14	29.5	26.857	51.	1.	214.44	14.644	4.	16.	37.	47.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/07/74-12/10/98	14	0.2	0.204	0.26	0.15	0.002	0.04	0.15	0.17	0.243	0.255
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/77-12/10/98	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/07/74-12/10/98	15	0.18	0.188	0.32	0.09	0.004	0.064	0.09	0.14	0.24	0.278
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	05/07/74-12/10/98	17	0.08	0.091	0.13	0.07	0.	0.021	0.07	0.075	0.105	0.13
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	01/23/73-12/10/98	14	5.5	6.779	16.4	3.	13.21	3.634	3.15	3.85	8.9	13.05
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/27/70-12/10/98	14	4015.5	4283.429	6935.	1542.	3771889.187	1942.135	1552.5	2390.	6172.	6698.5
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/27/70-12/10/98	7	230.	361.429	1300.	80.	189647.619	435.485	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/27/70-12/10/98	7	2.362	2.345	3.114	1.903	0.197	0.444	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			221.482								
82078p	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	03/10/77-05/14/91	15	15.	14.267	23.	8.	21.21	4.605	8.	10.	17.	21.2

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Annual Analysis for 1986 - Station FOPU0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/27/70-12/10/98	24	11.5	11.5	20.	3.	75.391	8.683	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/25/70-12/10/98	20	22.5	20.975	29.	7.5	55.17	7.428	7.95	14.	28.	29.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/04/72-12/10/98	20	25.	20.85	29.	3.	75.134	8.668	3.75	13.	27.	28.95
00080p	COLOR (PLATINUM-COBALT UNITS)	07/02/74-12/10/98	23	15.	16.957	45.	5.	94.862	9.74	7.	10.	20.	31.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-12/10/98	24	13500.	13548.333	22000.	6800.	20886153.623	4570.137	7450.	9525.	16900.	20700.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/27/70-12/10/98	23	14700.	13421.739	19800.	6970.	15097705.929	3885.577	7976.	9290.	16100.	19214.
00300p	OXYGEN, DISSOLVED MG/L	01/27/70-12/10/98	22	5.65	6.118	9.5	3.5	3.406	1.846	4.	4.5	8.2	9.1
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/27/70-12/10/98	23	1.1	1.126	2.1	0.3	0.13	0.361	0.7	0.9	1.3	1.5
00400p	PH (STANDARD UNITS)	01/15/74-12/10/98	22	6.95	6.986	7.2	6.8	0.023	0.152	6.8	6.875	7.125	7.2
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-12/10/98	22	6.947	6.962	7.2	6.8	0.024	0.154	6.8	6.875	7.125	7.2
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-12/10/98	22	0.113	0.109	0.158	0.063	0.001	0.036	0.063	0.075	0.134	0.158
00403p	PH, LAB, STANDARD UNITS SU	01/27/70-12/10/98	23	7.4	7.348	7.5	7.2	0.009	0.095	7.2	7.3	7.4	7.5
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/27/70-12/10/98	23	7.4	7.338	7.5	7.2	0.009	0.095	7.2	7.3	7.4	7.5
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/27/70-12/10/98	23	0.04	0.046	0.063	0.032	0.	0.01	0.032	0.04	0.05	0.063
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/27/70-12/10/98	23	53.	50.609	64.	35.	73.158	8.553	40.	42.	56.	64.
00480p	SALINITY - PARTS PER THOUSAND	02/05/74-06/25/91	24	9.	8.429	12.9	2.5	8.173	2.859	3.95	6.05	10.2	12.55
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/27/70-12/10/98	23	30.	39.261	94.	17.	437.02	20.905	20.4	24.	57.	72.8
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/07/74-12/10/98	23	0.18	0.209	0.55	0.12	0.012	0.111	0.12	0.13	0.22	0.416
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/77-12/10/98	8	0.3	0.413	1.2	0.2	0.113	0.336	**	**	**	**
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/07/74-12/10/98	23	0.23	0.256	0.45	0.12	0.009	0.095	0.148	0.19	0.3	0.426
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	05/07/74-12/10/98	23	0.09	0.099	0.23	0.04	0.002	0.04	0.048	0.08	0.12	0.14
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	01/23/73-12/10/98	22	7.5	7.155	12.	3.9	8.359	2.891	3.93	4.3	10.	11.12
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/27/70-12/10/98	23	5537.	4953.565	7712.	2314.	2684935.257	1638.577	2624.4	3201.	6168.	7189.2
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/27/70-12/10/98	10	410.	716.	3300.	20.	971271.111	985.531	26.	125.	917.5	3100.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/27/70-12/10/98	10	2.604	2.512	3.519	1.301	0.399	0.631	1.361	2.085	2.952	3.478
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			325.212								
82078p	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	03/10/77-05/14/91	24	12.	13.167	33.	3.	36.667	6.055	6.5	9.25	16.75	19.5

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

Annual Analysis for 1987 - Station FOPU0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/27/70-12/10/98	26	3.	10.615	20.	0.	79.126	8.895	2.1	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/25/70-12/10/98	24	18.75	19.283	30.	8.5	53.57	7.319	9.5	13.125	26.75	29.75
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/04/72-12/10/98	24	17.5	19.792	32.	5.5	62.063	7.878	8.75	13.75	27.5	31.
00080p	COLOR (PLATINUM-COBALT UNITS)	07/02/74-12/10/98	24	12.5	23.958	65.	5.	402.129	20.053	5.	10.	45.	57.5
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-12/10/98	24	12050.	11824.167	19100.	2880.	17910538.406	4232.084	5050.	8900.	15500.	17100.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/27/70-12/10/98	24	12150.	11101.667	16900.	3640.	14429823.188	3798.661	4945.	8722.5	13375.	16600.
00300p	OXYGEN, DISSOLVED MG/L	01/27/70-12/10/98	24	6.35	6.808	9.3	4.8	2.495	1.579	5.	5.325	8.4	9.1
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/27/70-12/10/98	24	0.95	0.933	1.4	0.5	0.054	0.232	0.65	0.8	1.075	1.35
00400p	PH (STANDARD UNITS)	01/15/74-12/10/98	24	6.6	6.537	7.	5.5	0.134	0.366	5.9	6.5	6.8	6.9
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-12/10/98	24	6.6	6.32	7.	5.5	0.183	0.428	5.9	6.5	6.8	6.9
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-12/10/98	24	0.251	0.478	3.162	0.1	0.552	0.743	0.126	0.158	0.316	1.571
00403p	PH, LAB, STANDARD UNITS SU	01/27/70-12/10/98	24	7.25	7.221	7.7	6.9	0.062	0.248	6.9	6.925	7.4	7.55
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/27/70-12/10/98	24	7.247	7.155	7.7	6.9	0.066	0.257	6.9	6.925	7.4	7.55
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/27/70-12/10/98	24	0.057	0.07	0.126	0.02	0.001	0.038	0.028	0.04	0.119	0.126
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/27/70-12/10/98	24	44.5	43.167	63.	22.	137.884	11.742	23.5	33.5	52.	59.5
00480p	SALINITY - PARTS PER THOUSAND	02/05/74-06/25/91	24	7.85	7.867	17.	2.3	10.726	3.275	3.6	5.725	9.825	12.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/27/70-12/10/98	24	22.5	31.833	190.	5.	1331.536	36.49	10.5	15.	31.75	57.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/07/74-12/10/98	24	0.145	0.145	0.42	0.01	0.007	0.083	0.03	0.113	0.175	0.23
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/77-12/10/98	7	0.9	0.914	1.4	0.5	0.098	0.313	**	**	**	**
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/07/74-12/10/98	24	0.165	0.176	0.31	0.06	0.007	0.081	0.065	0.098	0.248	0.295
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	05/07/74-12/10/98	24	0.095	0.105	0.25	0.06	0.002	0.044	0.065	0.07	0.12	0.165
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	01/23/73-12/10/98	22	5.5	5.677	17.5	0.5	10.333	3.215	1.49	4.475	6.525	7.37
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/27/70-12/10/98	23	4226.	4299.565	6935.	1117.	2386137.166	1544.713	2246.2	3136.	5442.	6534.8
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/27/70-12/10/98	11	490.	2234.545	7900.	80.	8741467.273	2956.597	98.	270.	4900.	7750.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/27/70-12/10/98	11	2.69	2.925	3.898	1.903	0.455	0.674	1.969	2.431	3.69	3.889
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			841.885								
82078p	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	03/10/77-05/14/91	24	12.	11.25	22.	3.	22.717	4.766	5.	7.25	14.	19.

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Annual Analysis for 1988 - Station FOPU0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/27/70-12/10/98	24	11.5	11.5	20.	3.	75.391	8.683	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/25/70-12/10/98	24	22.1	19.875	30.1	8.2	61.005	7.811	8.9	11.	26.9	28.8
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/04/72-12/10/98	24	20.	19.229	32.	2.	66.717	8.168	5.	14.25	24.5	30.
00080p	COLOR (PLATINUM-COBALT UNITS)	07/02/74-12/10/98	22	27.5	28.409	70.	5.	234.253	15.305	10.	18.75	32.5	54.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-12/10/98	24	15200.	15400.	27400.	5800.	17577243.478	4192.522	9635.	13925.	17225.	19400.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/27/70-12/10/98	24	15900.	16182.083	24600.	7370.	16056573.732	4007.065	10900.	13400.	18975.	22300.
00300p	OXYGEN, DISSOLVED MG/L	01/27/70-12/10/98	24	5.95	6.613	11.	3.3	6.949	2.636	3.5	4.25	9.275	10.8
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/27/70-12/10/98	24	1.	1.3	6.2	0.6	1.185	1.089	0.7	0.9	1.475	1.65
00400p	PH (STANDARD UNITS)	01/15/74-12/10/98	24	6.75	6.827	7.2	6.57	0.043	0.207	6.6	6.648	7.008	7.15
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-12/10/98	24	6.747	6.784	7.2	6.57	0.045	0.211	6.6	6.648	7.008	7.15
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-12/10/98	24	0.179	0.165	0.269	0.063	0.005	0.069	0.071	0.098	0.226	0.251
00403p	PH, LAB, STANDARD UNITS SU	01/27/70-12/10/98	24	7.3	7.404	7.8	7.	0.051	0.226	7.15	7.2	7.6	7.7
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/27/70-12/10/98	24	7.3	7.351	7.8	7.	0.054	0.232	7.15	7.2	7.6	7.7
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/27/70-12/10/98	24	0.05	0.045	0.1	0.016	0.	0.022	0.02	0.025	0.063	0.071
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/27/70-12/10/98	24	55.	53.75	68.	38.	46.543	6.822	40.	51.25	57.75	60.5
00480p	SALINITY - PARTS PER THOUSAND	02/05/74-06/25/91	24	10.3	10.133	16.6	3.6	9.788	3.129	5.55	8.2	12.275	14.2
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/27/70-12/10/98	21	17.	23.238	74.	9.	257.39	16.043	10.2	13.	29.	49.4
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/07/74-12/10/98	24	0.135	0.14	0.29	0.01	0.005	0.07	0.035	0.113	0.17	0.275
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/77-12/10/98	8	0.8	0.725	0.9	0.3	0.039	0.198	**	**	**	**
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/07/74-12/10/98	24	0.135	0.142	0.27	0.03	0.006	0.075	0.045	0.075	0.215	0.25
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	05/07/74-12/10/98	24	0.09	0.105	0.19	0.06	0.002	0.04	0.06	0.073	0.148	0.165
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	01/23/73-12/10/98	22	5.3	6.232	19.	4.1	9.299	3.049	4.25	4.8	6.725	7.74
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/27/70-12/10/98	22	5467.5	5584.909	8597.	1100.	2832928.658	1683.131	3497.6	4618.25	6859.	7817.
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/27/70-12/10/98	12	155.	993.333	4900.	50.	2572278.788	1603.833	56.	115.	1772.5	4420.

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

Annual Analysis for 1988 - Station FOPU0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/27/70-12/10/98	12	2.185	2.482	3.69	1.699	0.455	0.674	1.743	2.06	3.179	3.639
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			303.483								
82078p	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	03/10/77-05/14/91	24	8.	9.333	28.	5.	27.275	5.223	5.	6.	10.75	15.5

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

Annual Analysis for 1989 - Station FOPU0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/27/70-12/10/98	27	3.	10.222	20.	0.	80.256	8.959	0.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/25/70-12/10/98	24	19.7	19.821	29.5	11.1	42.753	6.539	11.4	13.125	26.65	29.25
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/04/72-12/10/98	22	22.5	21.445	32.	11.	35.527	5.96	11.6	17.5	25.5	29.95
00080p	COLOR (PLATINUM-COBALT UNITS)	07/02/74-12/10/98	24	30.	27.083	60.	5.	195.471	13.981	7.5	12.5	38.75	42.5
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-12/10/98	24	15900.	16506.25	28400.	10010.	26189624.457	5117.58	10395.	11805.	19600.	25100.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/27/70-12/10/98	24	15700.	16192.5	26600.	6370.	21701393.478	4658.475	10615.	12915.	19022.5	23100.
00300p	OXYGEN, DISSOLVED MG/L	01/27/70-12/10/98	23	7.4	6.865	9.7	3.9	3.992	1.998	4.04	4.7	8.6	9.32
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/27/70-12/10/98	23	0.6	0.696	1.6	0.2	0.11	0.332	0.2	0.5	1.	1.06
00400p	PH (STANDARD UNITS)	01/15/74-12/10/98	24	6.9	6.621	7.9	1.1	1.577	1.256	5.85	6.625	7.1	7.35
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-12/10/98	24	6.9	2.48	7.9	1.1	19.467	4.412	5.85	6.625	7.1	7.35
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-12/10/98	24	0.126	3309.941	79432.823	0.01	3262897234.93	16214.106	0.047	0.079	0.238	1.422
00403p	PH, LAB, STANDARD UNITS SU	01/27/70-12/10/98	24	7.4	7.387	7.6	7.1	0.029	0.17	7.1	7.225	7.5	7.6
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/27/70-12/10/98	24	7.4	7.355	7.6	7.1	0.03	0.173	7.1	7.225	7.5	7.6
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/27/70-12/10/98	24	0.04	0.044	0.079	0.025	0.	0.018	0.025	0.032	0.06	0.079
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/27/70-12/10/98	24	53.	53.208	72.	36.	79.65	8.925	40.5	45.75	59.75	63.
00480p	SALINITY - PARTS PER THOUSAND	02/05/74-06/25/91	24	9.	9.492	17.4	5.3	11.223	3.35	5.45	6.5	11.45	15.15
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/27/70-12/10/98	23	23.	22.739	46.	9.	106.474	10.319	10.	12.	29.	37.8
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/07/74-12/10/98	24	0.15	0.155	0.31	0.05	0.003	0.059	0.08	0.115	0.18	0.255
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/77-12/10/98	6	0.675	0.858	1.7	0.4	0.252	0.502	**	**	**	**
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/07/74-12/10/98	24	0.045	0.057	0.16	0.01	0.002	0.047	0.01	0.02	0.095	0.14
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	05/07/74-12/10/98	24	0.14	0.129	0.22	0.02	0.003	0.05	0.04	0.095	0.158	0.195
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	01/23/73-12/10/98	19	6.6	6.926	10.9	3.5	2.401	1.549	5.3	6.2	7.8	9.
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/27/70-12/10/98	23	6027.	5597.957	8539.	2072.	2550478.771	1597.022	3800.6	4217.	6498.	7967.8
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/27/70-12/10/98	11	230.	812.273	4900.	15.	2060256.818	1435.359	28.	110.	700.	4260.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/27/70-12/10/98	11	2.362	2.461	3.69	1.176	0.447	0.668	1.321	2.041	2.845	3.598
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			289.121								
82078p	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	03/10/77-05/14/91	24	11.	11.458	20.	6.	14.172	3.765	7.	8.25	14.	18.

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

Annual Analysis for 1990 - Station FOPU0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/27/70-12/10/98	26	3.	10.615	20.	0.	79.126	8.895	2.1	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/25/70-12/10/98	24	23.1	20.471	28.7	8.7	44.916	6.702	10.9	13.9	26.95	28.6
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/04/72-12/10/98	24	23.5	20.142	34.	5.	66.735	8.169	6.85	14.25	25.	32.
00080p	COLOR (PLATINUM-COBALT UNITS)	07/02/74-12/10/98	22	30.	37.955	95.	10.	618.236	24.864	10.	23.75	42.5	87.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-12/10/98	24	14345.	13016.542	29200.	128.	84016211.216	9166.036	944.5	5215.	17100.	28700.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/27/70-12/10/98	24	12745.	11828.625	25900.	110.	64229137.636	8014.308	920.5	4682.25	17907.5	23930.
00300p	OXYGEN, DISSOLVED MG/L	01/27/70-12/10/98	24	6.05	6.433	10.7	3.3	3.501	1.871	4.2	5.05	7.875	9.4
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/27/70-12/10/98	22	1.35	1.405	3.5	0.2	0.819	0.905	0.23	0.725	2.025	2.88
00400p	PH (STANDARD UNITS)	01/15/74-12/10/98	23	6.8	6.924	7.6	6.6	0.094	0.306	6.6	6.7	7.1	7.5
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-12/10/98	23	6.8	6.841	7.6	6.6	0.101	0.318	6.6	6.7	7.1	7.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-12/10/98	23	0.158	0.144	0.251	0.025	0.006	0.077	0.032	0.079	0.2	0.251
00403p	PH, LAB, STANDARD UNITS SU	01/27/70-12/10/98	24	7.4	7.342	7.7	6.9	0.07	0.265	6.95	7.1	7.575	7.7
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/27/70-12/10/98	24	7.4	7.263	7.7	6.9	0.077	0.277	6.95	7.1	7.575	7.7

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

Annual Analysis for 1990 - Station FOPU0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/27/70-12/10/98	24	0.04	0.055	0.126	0.02	0.001	0.034	0.02	0.027	0.079	0.113
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/27/70-12/10/98	24	47.	42.375	63.	18.	238.332	15.438	20.	26.	56.75	60.5
00480p	SALINITY - PARTS PER THOUSAND	02/05/74-06/25/91	24	8.05	7.4	18.	0.	32.665	5.715	0.2	2.375	9.725	17.3
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/27/70-12/10/98	24	25.5	41.667	310.	13.	3647.884	60.398	14.5	16.25	34.	84.5
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/07/74-12/10/98	24	0.1	0.149	1.08	0.015	0.044	0.209	0.028	0.08	0.13	0.27
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/77-12/10/98	11	0.5	0.449	0.68	0.2	0.033	0.181	0.2	0.2	0.6	0.664
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/07/74-12/10/98	24	0.05	0.077	0.26	0.01	0.007	0.081	0.01	0.01	0.135	0.215
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	05/07/74-12/10/98	24	0.12	0.159	0.44	0.04	0.008	0.092	0.06	0.09	0.215	0.27
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	01/23/73-12/10/98	24	7.05	8.221	19.9	4.4	16.333	4.041	4.75	5.85	8.8	16.85
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/27/70-12/10/98	26	4533.5	4154.423	9440.	29.	7863713.294	2804.231	323.	1565.	6295.25	8058.4
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/27/70-12/10/98	12	185.	3252.5	35000.	60.	100100347.727	10005.016	66.	130.	767.5	24890.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/27/70-12/10/98	12	2.254	2.54	4.544	1.778	0.569	0.754	1.816	2.114	2.884	4.115
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			346.894								
82078p	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	03/10/77-05/14/91	20	15.	22.05	128.	8.	731.734	27.051	9.2	12.	17.75	55.

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Annual Analysis for 1991 - Station FOPU0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/27/70-12/10/98	26	3.	10.615	20.	0.	79.126	8.895	2.1	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/25/70-12/10/98	24	19.8	20.354	28.5	12.8	32.01	5.658	13.6	14.725	26.7	27.75
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/04/72-12/10/98	24	19.	19.6	30.2	9.	54.228	7.364	9.75	13.5	27.75	29.85
00080p	COLOR (PLATINUM-COBALT UNITS)	07/02/74-12/10/98	24	32.5	38.333	110.	5.	860.145	29.328	10.	12.5	50.	95.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-12/10/98	24	12575.	13719.375	26300.	928.	70623874.071	8403.801	1700.	6682.5	22675.	24250.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/27/70-12/10/98	24	11965.	13068.042	24300.	717.	59976977.433	7744.48	2182.	5810.	20750.	22950.
00300p	OXYGEN, DISSOLVED MG/L	01/27/70-12/10/98	23	6.1	6.278	9.4	4.2	1.945	1.394	4.58	5.1	7.1	8.7
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/27/70-12/10/98	24	0.95	1.017	2.	0.2	0.24	0.49	0.3	0.7	1.275	1.8
00400p	PH (STANDARD UNITS)	01/15/74-12/10/98	22	6.8	6.877	7.6	6.4	0.1	0.316	6.43	6.675	7.1	7.37
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-12/10/98	22	6.8	6.781	7.6	6.4	0.11	0.331	6.43	6.675	7.1	7.37
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-12/10/98	22	0.158	0.166	0.398	0.025	0.011	0.106	0.043	0.079	0.212	0.374
00403p	PH, LAB, STANDARD UNITS SU	01/27/70-12/10/98	24	7.25	7.242	7.6	6.7	0.078	0.28	6.75	7.1	7.5	7.6
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/27/70-12/10/98	24	7.247	7.149	7.6	6.7	0.087	0.295	6.75	7.1	7.5	7.6
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/27/70-12/10/98	24	0.057	0.071	0.2	0.025	0.003	0.052	0.025	0.032	0.079	0.179
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/27/70-12/10/98	24	47.	46.625	69.	15.	257.636	16.051	21.5	35.	60.75	67.
00480p	SALINITY - PARTS PER THOUSAND	02/05/74-06/25/91	11	5.1	5.627	14.3	0.	21.526	4.64	0.12	2.2	7.8	14.08
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/27/70-12/10/98	24	20.5	23.417	50.	6.	161.471	12.707	8.5	12.75	33.75	44.5
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/07/74-12/10/98	24	0.1	0.114	0.33	0.015	0.006	0.08	0.015	0.063	0.148	0.25
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/77-12/10/98	9	0.4	0.444	0.7	0.2	0.028	0.167	0.2	0.3	0.6	0.7
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/07/74-12/10/98	23	0.02	0.069	0.2	0.01	0.005	0.07	0.01	0.01	0.13	0.186
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	05/07/74-12/10/98	24	0.1	0.105	0.18	0.03	0.002	0.042	0.055	0.065	0.13	0.165
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	01/23/73-12/10/98	24	5.3	6.379	14.	3.1	8.098	2.846	3.7	4.35	8.5	10.9
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/27/70-12/10/98	21	4979.	4999.238	9343.	201.	9334221.59	3055.196	434.2	1850.5	7927.5	8433.4
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/27/70-12/10/98	12	110.	195.	700.	10.	42863.636	207.035	19.	80.	280.	637.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/27/70-12/10/98	12	2.041	2.075	2.845	1.	0.237	0.487	1.181	1.894	2.417	2.799
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			118.723								
82078p	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	03/10/77-05/14/91	9	15.	15.444	23.	6.	36.278	6.023	6.	10.5	22.	23.

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Annual Analysis for 1992 - Station FOPU0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/27/70-12/10/98	24	11.5	11.5	20.	3.	75.391	8.683	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/25/70-12/10/98	24	19.05	19.142	28.5	9.8	42.073	6.486	10.15	12.2	25.525	27.55

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Annual Analysis for 1992 - Station FOPU0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/04/72-12/10/98	24	20.5	19.75	31.	5.	81.065	9.004	6.	11.25	28.5	31.
00080p	COLOR (PLATINUM-COBALT UNITS)	07/02/74-12/10/98	24	17.5	20.417	60.	5.	186.775	13.667	5.	10.	30.	40.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-12/10/98	24	15900.	14676.417	23000.	714.	38678489.036	6219.203	3115.	11337.5	19575.	22100.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/27/70-12/10/98	24	15300.	13909.125	21740.	399.	37242193.592	6102.638	3022.5	9997.5	18477.5	20880.
00300p	OXYGEN, DISSOLVED MG/L	01/27/70-12/10/98	24	6.25	6.6	9.9	4.1	3.37	1.836	4.5	4.85	8.175	9.5
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/27/70-12/10/98	24	0.95	0.962	2.	0.3	0.165	0.406	0.4	0.65	1.275	1.45
00400p	PH (STANDARD UNITS)	01/15/74-12/10/98	22	7.2	7.079	7.5	6.2	0.155	0.394	6.36	6.85	7.4	7.5
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-12/10/98	22	7.2	6.875	7.5	6.2	0.199	0.446	6.36	6.85	7.4	7.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-12/10/98	22	0.063	0.133	0.631	0.032	0.026	0.16	0.032	0.04	0.144	0.446
00403p	PH, LAB, STANDARD UNITS SU	01/27/70-12/10/98	24	7.4	7.371	7.8	6.8	0.042	0.205	7.05	7.3	7.475	7.65
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/27/70-12/10/98	24	7.4	7.318	7.8	6.8	0.045	0.212	7.05	7.3	7.475	7.65
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/27/70-12/10/98	24	0.04	0.048	0.158	0.016	0.001	0.029	0.023	0.034	0.05	0.09
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/27/70-12/10/98	24	53.	48.417	65.	17.	182.514	13.51	24.5	37.25	56.75	63.5
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/27/70-12/10/98	24	22.	24.333	50.	8.	105.797	10.286	11.5	16.5	31.5	38.5
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/07/74-12/10/98	24	0.09	0.094	0.23	0.015	0.002	0.048	0.033	0.06	0.12	0.16
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/77-12/10/98	14	0.5	0.5	0.9	0.3	0.023	0.152	0.3	0.4	0.6	0.75
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/07/74-12/10/98	24 ##	0.01	0.03	0.16	0.01	0.001	0.039	0.01	0.01	0.03	0.105
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	05/07/74-12/10/98	24	0.08	0.085	0.16	0.02	0.001	0.034	0.04	0.07	0.11	0.13
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	01/23/73-12/10/98	24	4.9	4.896	8.2	1.	4.208	2.051	2.05	3.25	6.8	8.
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/27/70-12/10/98	20	5017.	4654.45	7603.	131.	4227042.892	2055.977	1206.9	3134.	6088.5	7309.2
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/27/70-12/10/98	11	130.	152.727	330.	10.	9001.818	94.878	18.	80.	230.	310.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/27/70-12/10/98	11	2.114	2.058	2.519	1.	0.179	0.424	1.14	1.903	2.362	2.487
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			114.167								

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Annual Analysis for 1993 - Station FOPU0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/27/70-12/10/98	24	3.	10.542	20.	0.	79.65	8.925	1.5	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/25/70-12/10/98	22	17.4	19.809	29.6	10.8	51.826	7.199	11.08	12.225	27.7	29.17
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/04/72-12/10/98	20	15.	17.455	30.	9.5	50.104	7.078	9.55	10.5	25.	29.55
00080p	COLOR (PLATINUM-COBALT UNITS)	07/02/74-12/10/98	21	30.	30.476	70.	10.	354.762	18.835	10.	10.	42.5	59.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-12/10/98	22	13705.	13367.273	27000.	2100.	55609135.065	7457.153	2353.	7557.5	18200.	24670.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/27/70-12/10/98	21	10390.	11146.238	24640.	1004.	53480849.99	7313.06	1704.6	3651.5	17615.	20712.
00300p	OXYGEN, DISSOLVED MG/L	01/27/70-12/10/98	22	6.6	6.318	10.6	3.5	4.115	2.029	3.75	4.575	7.55	9.28
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/27/70-12/10/98	21	0.9	0.838	1.4	0.3	0.062	0.25	0.52	0.6	1.	1.1
00400p	PH (STANDARD UNITS)	01/15/74-12/10/98	22	7.4	7.409	7.7	6.8	0.059	0.243	7.03	7.275	7.6	7.7
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-12/10/98	22	7.4	7.336	7.7	6.8	0.065	0.254	7.03	7.275	7.6	7.7
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-12/10/98	22	0.04	0.046	0.158	0.02	0.001	0.033	0.02	0.025	0.053	0.094
00403p	PH, LAB, STANDARD UNITS SU	01/27/70-12/10/98	21	7.4	7.295	7.7	6.9	0.053	0.231	7.	7.05	7.5	7.58
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/27/70-12/10/98	21	7.4	7.236	7.7	6.9	0.057	0.239	7.	7.05	7.5	7.58
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/27/70-12/10/98	21	0.04	0.058	0.126	0.02	0.001	0.031	0.026	0.032	0.09	0.1
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/27/70-12/10/98	21	45.	43.81	69.	18.	261.862	16.182	24.	26.5	58.	62.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/27/70-12/10/98	21	18.	22.143	55.	12.	134.929	11.616	12.2	13.5	27.5	41.6
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/07/74-12/10/98	21	0.06	0.084	0.16	0.015	0.003	0.052	0.018	0.04	0.13	0.158
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/77-12/10/98	11	0.4	0.382	0.5	0.2	0.006	0.075	0.22	0.4	0.4	0.48
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/07/74-12/10/98	21	0.04	0.05	0.18	0.01	0.002	0.046	0.01	0.01	0.07	0.124
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	05/07/74-12/10/98	21	0.08	0.088	0.13	0.06	0.	0.02	0.06	0.08	0.1	0.12
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	01/23/73-12/10/98	21	2.3	2.805	5.8	1.2	1.725	1.314	1.46	1.85	3.75	5.38
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/27/70-12/10/98	21	3503.	3565.048	9509.	265.	7452167.148	2729.866	315.2	745.	5501.5	7549.
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/27/70-12/10/98	11	170.	478.182	2300.	40.	508936.364	713.398	42.	100.	700.	2100.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/27/70-12/10/98	11	2.23	2.322	3.362	1.602	0.31	0.557	1.621	2.	2.845	3.312
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			209.851								

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Annual Analysis for 1994 - Station FOPU0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/27/70-12/10/98	19	3.	8.947	20.	0.	76.053	8.721	0.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/25/70-12/10/98	19	18.8	18.611	27.4	9.6	38.808	6.23	9.7	14.	25.4	27.4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/04/72-12/10/98	19	20.1	17.221	27.	0.	67.238	8.2	0.	13.	23.	25.
00080p	COLOR (PLATINUM-COBALT UNITS)	07/02/74-12/10/98	13	20.	25.769	50.	10.	228.526	15.117	10.	15.	40.	50.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-12/10/98	19	12740.	14584.211	28000.	5800.	41410347.953	6435.087	6690.	9470.	19710.	23500.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/27/70-12/10/98	15	11790.	12593.267	22310.	4690.	34577413.067	5880.256	5686.6	6888.	17914.	21896.
00300p	OXYGEN, DISSOLVED MG/L	01/27/70-12/10/98	18	6.5	6.367	9.2	4.4	2.475	1.573	4.49	4.6	7.725	9.02
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/27/70-12/10/98	15	0.8	0.833	1.2	0.4	0.06	0.244	0.46	0.6	1.	1.14
00400p	PH (STANDARD UNITS)	01/15/74-12/10/98	18	7.21	7.211	8.	6.6	0.134	0.366	6.78	7.	7.3	8.
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-12/10/98	18	7.21	7.09	8.	6.6	0.149	0.386	6.78	7.	7.3	8.
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-12/10/98	18	0.062	0.081	0.251	0.01	0.004	0.06	0.01	0.05	0.1	0.168
00403p	PH, LAB, STANDARD UNITS SU	01/27/70-12/10/98	16	7.3	6.875	8.1	0.5	2.999	1.732	4.84	7.	7.4	7.89
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/27/70-12/10/98	16	7.3	1.704	8.1	0.5	31.52	5.614	4.84	7.	7.4	7.89
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/27/70-12/10/98	16	0.05	19764.296	316227.766	0.00862499974	51.053	79056.925	0.013	0.04	0.1	94868.469
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/27/70-12/10/98	15	43.	44.6	64.	31.	136.257	11.673	31.	34.	54.	62.8
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/27/70-12/10/98	15	16.	19.133	31.	7.	56.838	7.539	8.2	14.	25.	29.8
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/07/74-12/10/98	17	0.13	0.129	0.22	0.015	0.003	0.052	0.051	0.1	0.16	0.22
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/77-12/10/98	9	0.5	0.533	0.7	0.4	0.01	0.1	0.4	0.45	0.6	0.7
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/07/74-12/10/98	17	0.04	0.044	0.16	0.01	0.001	0.038	0.01	0.02	0.045	0.12
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	05/07/74-12/10/98	16	0.1	0.094	0.12	0.03	0.001	0.028	0.03	0.09	0.118	0.12
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	01/23/73-12/10/98	17	3.8	4.159	9.	1.	6.164	2.483	1.	2.5	6.	9.
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/27/70-12/10/98	13	3310.	4002.615	7860.	1316.	4618886.756	2149.16	1541.6	1980.	5519.5	7628.
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/27/70-12/10/98	13	270.	338.462	1300.	10.	130730.769	361.567	14.	95.	460.	1096.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/27/70-12/10/98	13	2.431	2.251	3.114	1.	0.363	0.603	1.12	1.946	2.663	3.027
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			178.258								

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

Annual Analysis for 1995 - Station FOPU0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/27/70-12/10/98	11	3.	7.364	20.	0.	66.655	8.164	0.6	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/25/70-12/10/98	11	22.5	22.436	29.9	10.4	37.731	6.143	11.4	18.8	26.8	29.9
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/04/72-12/10/98	11	21.	20.364	27.	10.	36.855	6.071	10.6	13.	26.	27.
00080p	COLOR (PLATINUM-COBALT UNITS)	07/02/74-12/10/98	9	25.	22.222	35.	10.	100.694	10.035	10.	10.	30.	35.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-12/10/98	11	14600.	14456.636	22600.	473.	47643254.455	6902.409	1602.4	9860.	21600.	22400.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/27/70-12/10/98	9	12445.	12686.667	21366.	420.	50277191.	7090.641	420.	7271.5	19702.5	21366.
00300p	OXYGEN, DISSOLVED MG/L	01/27/70-12/10/98	11	4.9	4.418	6.3	1.7	2.416	1.554	1.94	2.9	6.1	6.26
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/27/70-12/10/98	9 ##	0.5	0.811	1.3	0.5	0.139	0.372	0.5	0.5	1.2	1.3
00400p	PH (STANDARD UNITS)	01/15/74-12/10/98	11	7.27	7.346	8.05	7.05	0.081	0.285	7.06	7.15	7.41	7.968
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-12/10/98	11	7.27	7.282	8.05	7.05	0.086	0.293	7.06	7.15	7.41	7.968
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-12/10/98	11	0.054	0.052	0.089	0.009	0.001	0.024	0.012	0.039	0.071	0.087
00403p	PH, LAB, STANDARD UNITS SU	01/27/70-12/10/98	9	7.1	7.144	7.4	6.8	0.048	0.219	6.8	7.	7.4	7.4
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/27/70-12/10/98	9	7.1	7.096	7.4	6.8	0.05	0.225	6.8	7.	7.4	7.4
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/27/70-12/10/98	9	0.079	0.08	0.158	0.04	0.002	0.04	0.04	0.04	0.103	0.158
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/27/70-12/10/98	9	45.	48.333	68.	29.	193.	13.892	29.	36.5	62.5	68.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/27/70-12/10/98	9	13.	27.667	80.	9.	887.75	29.795	9.	11.	48.5	80.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/07/74-12/10/98	9	0.12	0.12	0.19	0.04	0.002	0.046	0.04	0.09	0.16	0.19
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/77-12/10/98	9	0.4	0.456	0.6	0.4	0.005	0.073	0.4	0.4	0.5	0.6
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/07/74-12/10/98	9 ##	0.01	0.053	0.18	0.01	0.005	0.072	0.01	0.01	0.12	0.18
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	05/07/74-12/10/98	9	0.1	0.103	0.17	0.05	0.002	0.047	0.05	0.06	0.155	0.17
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	01/23/73-12/10/98	9	3.	3.111	6.	2.	1.861	1.364	2.	2.	4.	6.
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/27/70-12/10/98	9	4440.	3991.444	7437.	43.	7521548.528	2742.544	43.	1287.	6781.5	7437.
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/27/70-12/10/98	8	167.5	584.375	3100.	50.	1073738.839	1036.214	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/27/70-12/10/98	8	2.213	2.381	3.491	1.699	0.305	0.552	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			240.626								

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

Annual Analysis for 1996 - Station FOPU0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/27/70-12/10/98	9	3.	3.556	20.	0.	40.278	6.346	0.	0.	3.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/25/70-12/10/98	7	13.5	14.957	27.4	7.6	49.276	7.02	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/04/72-12/10/98	5	22.	17.8	35.	4.	183.2	13.535	**	**	**	**
00080p	COLOR (PLATINUM-COBALT UNITS)	07/02/74-12/10/98	6	40.	32.5	50.	10.	257.5	16.047	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-12/10/98	7	3620.	5425.571	13750.	21.	32197452.952	5674.28	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/27/70-12/10/98	7	8275.	8479.571	15543.	952.	36745734.286	6061.826	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	01/27/70-12/10/98	7	7.9	7.829	9.7	5.5	2.259	1.503	**	**	**	**
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/27/70-12/10/98	6	1.1	1.05	1.6	0.5	0.227	0.476	**	**	**	**
00400p	PH (STANDARD UNITS)	01/15/74-12/10/98	7	7.43	7.66	8.2	7.12	0.18	0.425	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-12/10/98	7	7.43	7.505	8.2	7.12	0.209	0.457	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-12/10/98	7	0.037	0.031	0.076	0.006	0.001	0.025	**	**	**	**
00403p	PH, LAB, STANDARD UNITS SU	01/27/70-12/10/98	7	7.1	7.171	7.6	7.	0.046	0.214	**	**	**	**
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/27/70-12/10/98	7	7.1	7.135	7.6	7.	0.047	0.217	**	**	**	**
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/27/70-12/10/98	7	0.079	0.073	0.1	0.025	0.001	0.027	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/27/70-12/10/98	7	36.	37.143	55.	20.	191.143	13.825	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/27/70-12/10/98	7	10.	13.429	25.	8.	39.619	6.294	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/07/74-12/10/98	8	0.085	0.084	0.13	0.015	0.001	0.036	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/77-12/10/98	8	0.45	0.438	0.6	0.2	0.014	0.119	**	**	**	**
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/07/74-12/10/98	7	0.2	0.171	0.27	0.01	0.01	0.099	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	05/07/74-12/10/98	8	0.08	0.08	0.1	0.06	0.	0.014	**	**	**	**
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	01/23/73-12/10/98	8	2.5	3.125	5.	2.	1.839	1.356	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/27/70-12/10/98	6	1842.5	2324.833	5205.	250.	3686720.567	1920.083	**	**	**	**
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/27/70-12/10/98	8	220.	326.25	1300.	80.	158283.929	397.849	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/27/70-12/10/98	8	2.342	2.353	3.114	1.903	0.123	0.35	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			225.357								

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

Annual Analysis for 1997 - Station FOPU0089

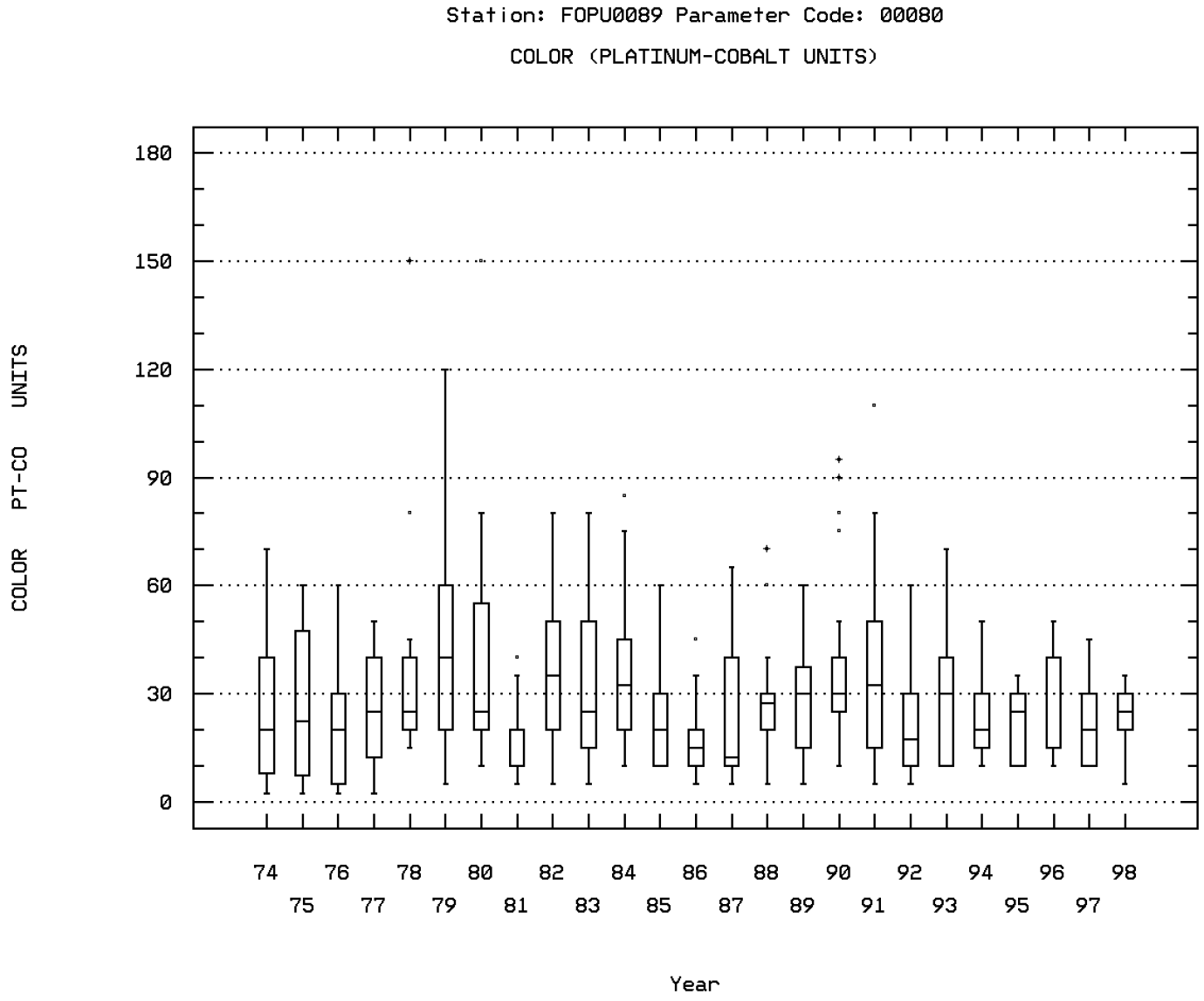
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/27/70-12/10/98	13	3.	1.615	3.	0.	2.423	1.557	0.	0.	3.	3.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/25/70-12/10/98	12	19.3	20.133	29.2	12.6	35.152	5.929	12.96	13.925	26.3	28.6
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/04/72-12/10/98	8	21.5	22.888	33.3	15.5	47.258	6.874	**	**	**	**
00080p	COLOR (PLATINUM-COBALT UNITS)	07/02/74-12/10/98	12	20.	22.083	45.	10.	147.538	12.147	10.	10.	30.	43.5
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-12/10/98	11	1400.	5003.545	13120.	4.	29289657.673	5411.992	4.2	352.	10021.	13036.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/27/70-12/10/98	12	9163.5	11533.083	26429.	3522.	56830791.72	7538.62	3576.	5533.5	19125.25	24940.1
00300p	OXYGEN, DISSOLVED MG/L	01/27/70-12/10/98	12	6.85	6.758	10.6	4.5	3.128	1.769	4.59	4.975	7.675	9.97
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/27/70-12/10/98	12 ##	0.5	0.7	1.2	0.5	0.089	0.298	0.5	0.5	1.075	1.17
00400p	PH (STANDARD UNITS)	01/15/74-12/10/98	12	7.71	7.588	8.15	6.76	0.149	0.386	6.868	7.283	7.855	8.066
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-12/10/98	12	7.71	7.403	8.15	6.76	0.186	0.432	6.868	7.283	7.855	8.066
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-12/10/98	12	0.019	0.04	0.174	0.007	0.002	0.047	0.009	0.014	0.053	0.144
00403p	PH, LAB, STANDARD UNITS SU	01/27/70-12/10/98	12	7.3	7.242	7.7	6.8	0.068	0.261	6.83	7.025	7.45	7.64
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/27/70-12/10/98	12	7.3	7.17	7.7	6.8	0.074	0.271	6.83	7.025	7.45	7.64
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/27/70-12/10/98	12	0.05	0.068	0.158	0.02	0.002	0.042	0.023	0.036	0.095	0.149
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/27/70-12/10/98	12	39.5	42.583	72.	22.	219.902	14.829	24.1	31.25	56.25	68.7
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/27/70-12/10/98	12	9.	12.083	21.	5.	32.811	5.728	5.6	8.	18.25	20.7
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/07/74-12/10/98	12	0.07	0.07	0.11	0.015	0.001	0.024	0.026	0.06	0.087	0.104
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/77-12/10/98	10	0.4	0.43	0.5	0.4	0.002	0.048	0.4	0.4	0.5	0.5
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/07/74-12/10/98	12	0.215	0.204	0.35	0.03	0.008	0.088	0.048	0.155	0.24	0.341
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	05/07/74-12/10/98	12	0.07	0.085	0.2	0.06	0.002	0.039	0.06	0.063	0.087	0.173
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	01/23/73-12/10/98	11	4.	4.636	8.	2.	2.655	1.629	2.2	4.	6.	7.6
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/27/70-12/10/98	11	2840.	4058.182	10000.	1000.	9297856.364	3049.239	1020.	1600.	6990.	9660.
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/27/70-12/10/98	12	200.	475.417	2200.	40.	399970.265	632.432	43.	102.5	715.	1870.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/27/70-12/10/98	12	2.296	2.381	3.342	1.602	0.28	0.529	1.631	2.002	2.846	3.252
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			240.193								

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

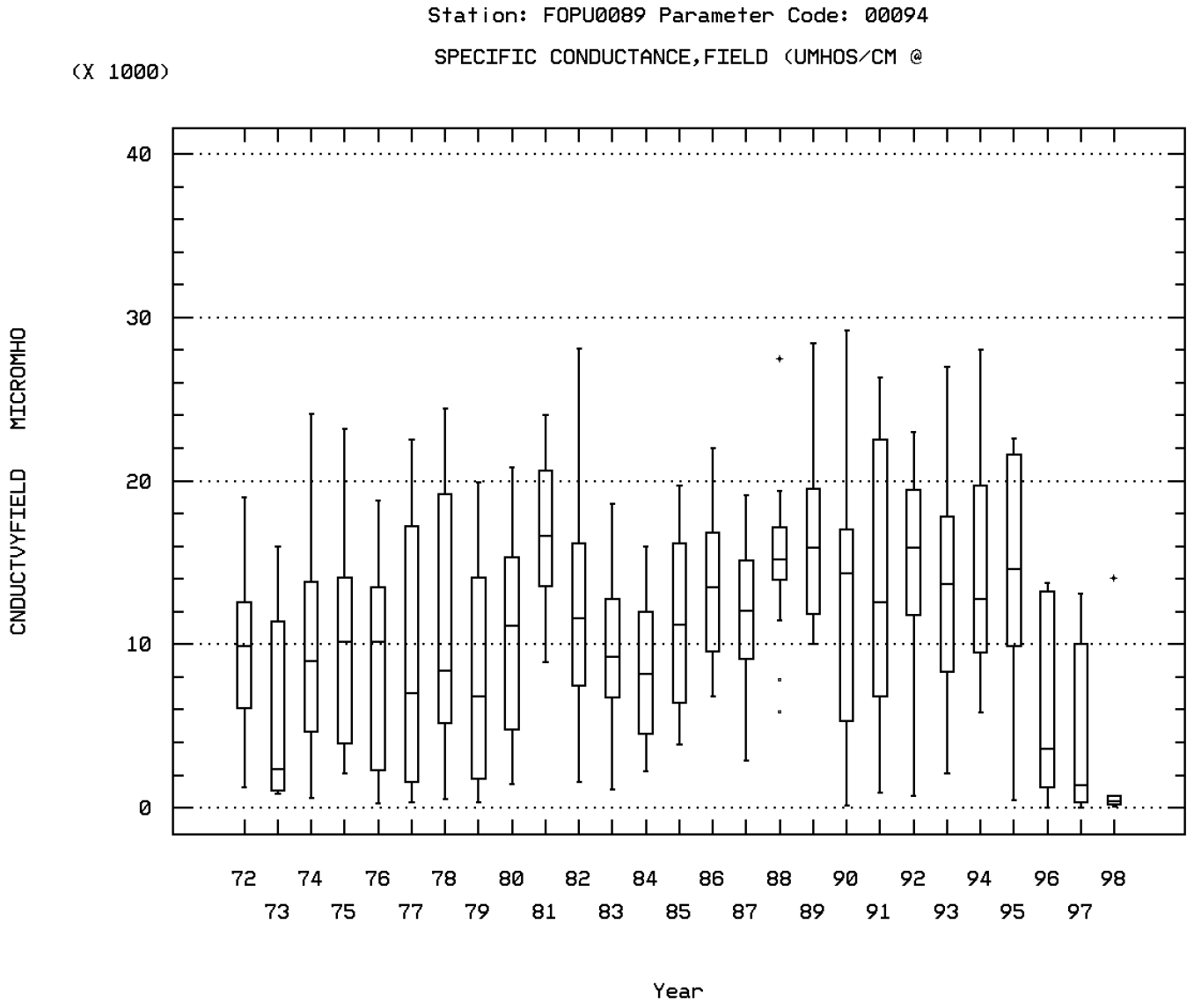
Annual Analysis for 1998 - Station FOPU0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/27/70-12/10/98	6	0.	0.	0.	0.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/25/70-12/10/98	5	20.7	21.02	28.8	10.6	49.177	7.013	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/04/72-12/10/98	4	27.5	26.1	35.	14.4	81.98	9.054	**	**	**	**
00080p	COLOR (PLATINUM-COBALT UNITS)	07/02/74-12/10/98	5	25.	23.	35.	5.	132.5	11.511	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-12/10/98	5	426.	3085.4	14000.	76.	37293209.8	6106.817	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/27/70-12/10/98	5	9649.	9047.	16125.	1877.	35396660.	5949.509	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	01/27/70-12/10/98	5	6.4	5.88	8.1	3.4	3.127	1.768	**	**	**	**
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/27/70-12/10/98	5 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00400p	PH (STANDARD UNITS)	01/15/74-12/10/98	5	7.48	7.402	7.53	7.19	0.021	0.146	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-12/10/98	5	7.48	7.381	7.53	7.19	0.022	0.148	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-12/10/98	5	0.033	0.042	0.065	0.03	0.	0.015	**	**	**	**
00403p	PH, LAB, STANDARD UNITS SU	01/27/70-12/10/98	5	7.	7.18	7.5	6.9	0.087	0.295	**	**	**	**
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/27/70-12/10/98	5	7.	7.109	7.5	6.9	0.093	0.305	**	**	**	**
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/27/70-12/10/98	5	0.1	0.078	0.126	0.032	0.002	0.043	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/27/70-12/10/98	5	37.	36.8	54.	20.	264.7	16.27	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/27/70-12/10/98	5	8.	7.2	9.	4.	4.7	2.168	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/07/74-12/10/98	5	0.06	0.054	0.09	0.015	0.001	0.038	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/77-12/10/98	5	0.4	0.38	0.4	0.3	0.002	0.045	**	**	**	**
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/07/74-12/10/98	5	0.21	0.208	0.23	0.19	0.	0.018	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	05/07/74-12/10/98	5	0.07	0.064	0.07	0.04	0.	0.013	**	**	**	**
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	01/23/73-12/10/98	5	5.	5.4	6.	5.	0.3	0.548	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/27/70-12/10/98	5	3140.	3094.	5630.	540.	4718380.	2172.183	**	**	**	**
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/27/70-12/10/98	5	130.	231.	700.	45.	74380.	272.727	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/27/70-12/10/98	5	2.114	2.135	2.845	1.653	0.245	0.495	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			136.33								

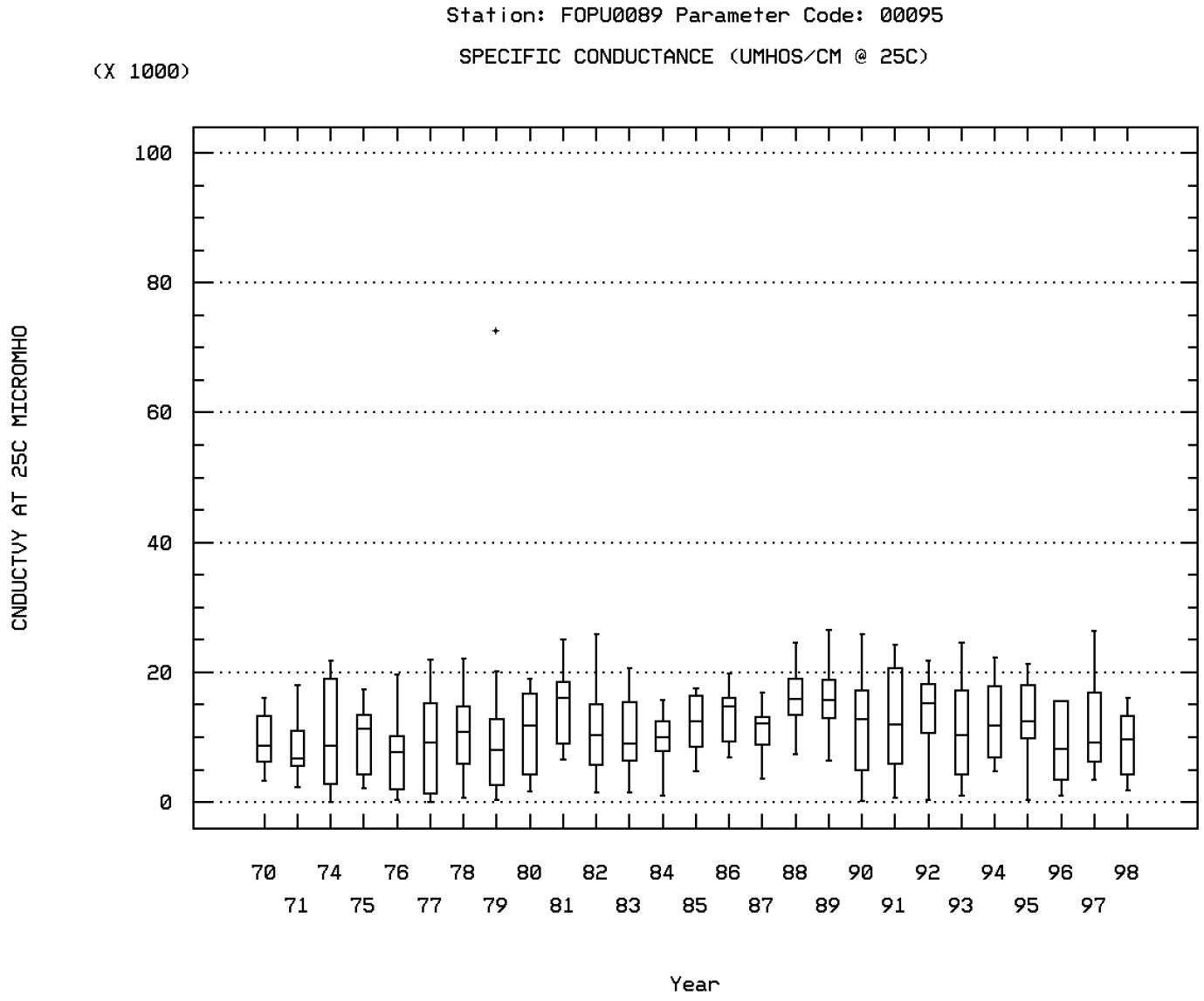
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot



SAVANNAH RIVER - FORT JACKSON



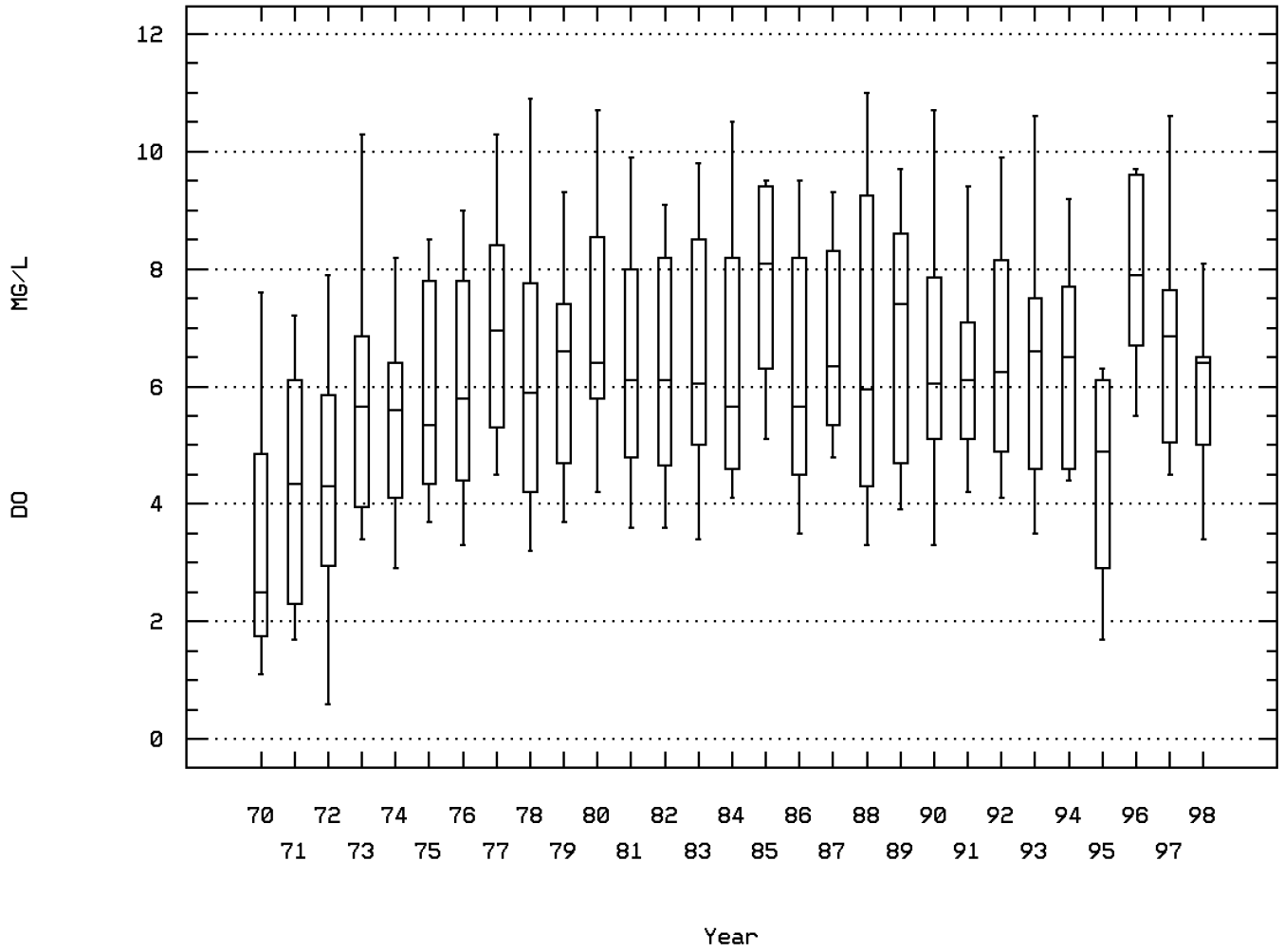
SAVANNAH RIVER - FORT JACKSON



SAVANNAH RIVER - FORT JACKSON

Station: FOPU0089 Parameter Code: 00300

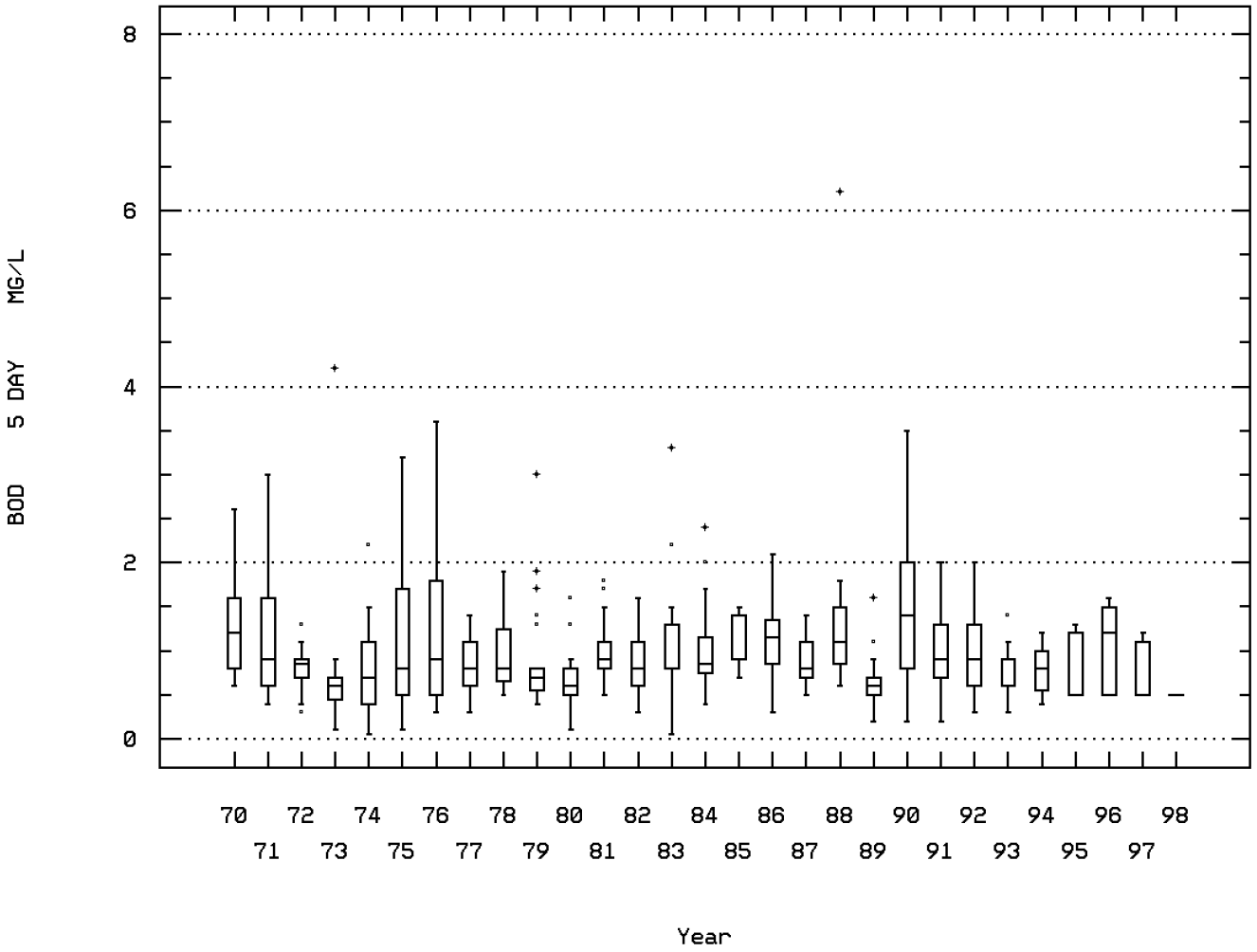
OXYGEN, DISSOLVED



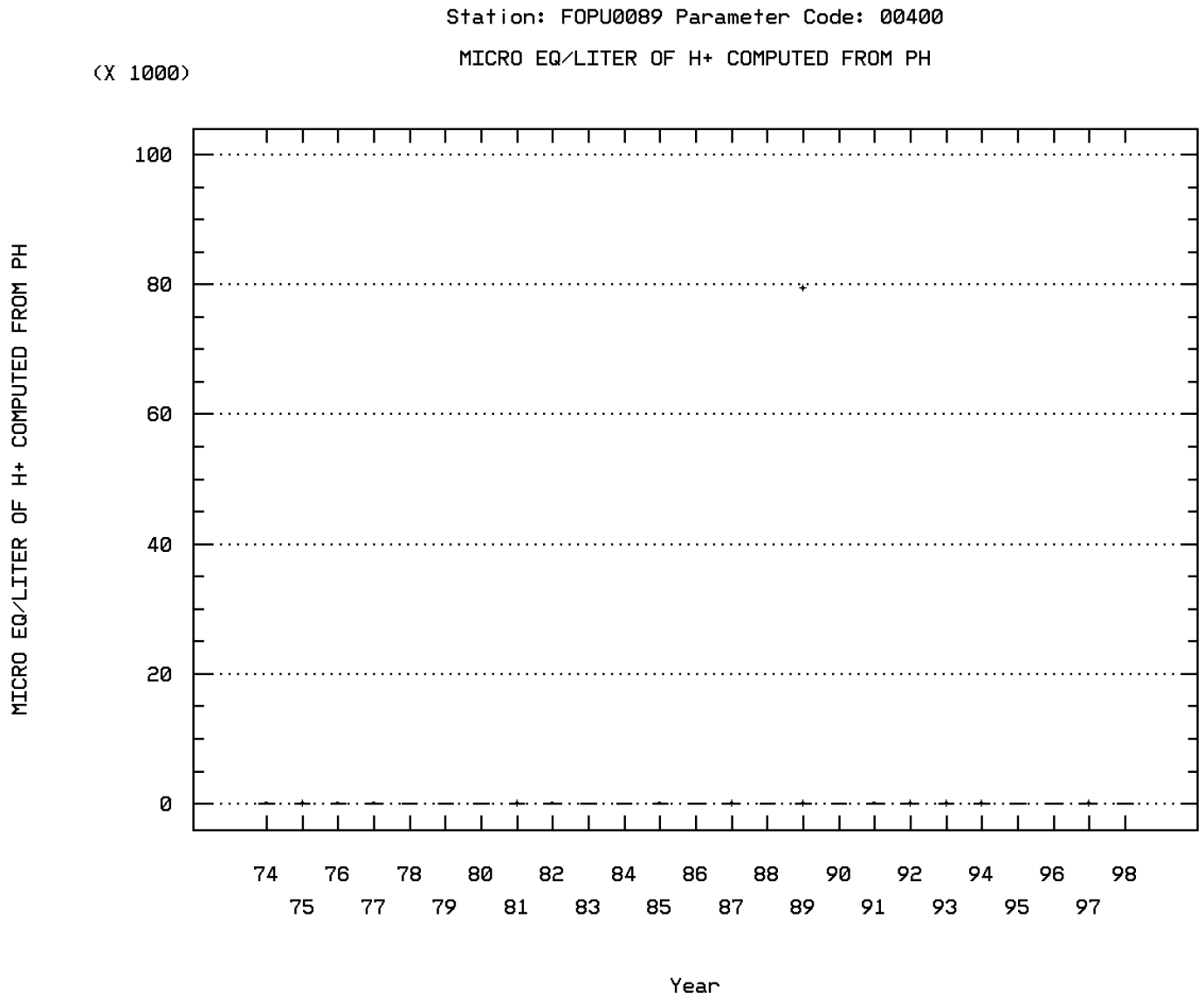
SAVANNAH RIVER - FORT JACKSON

Station: FOPU0089 Parameter Code: 00310

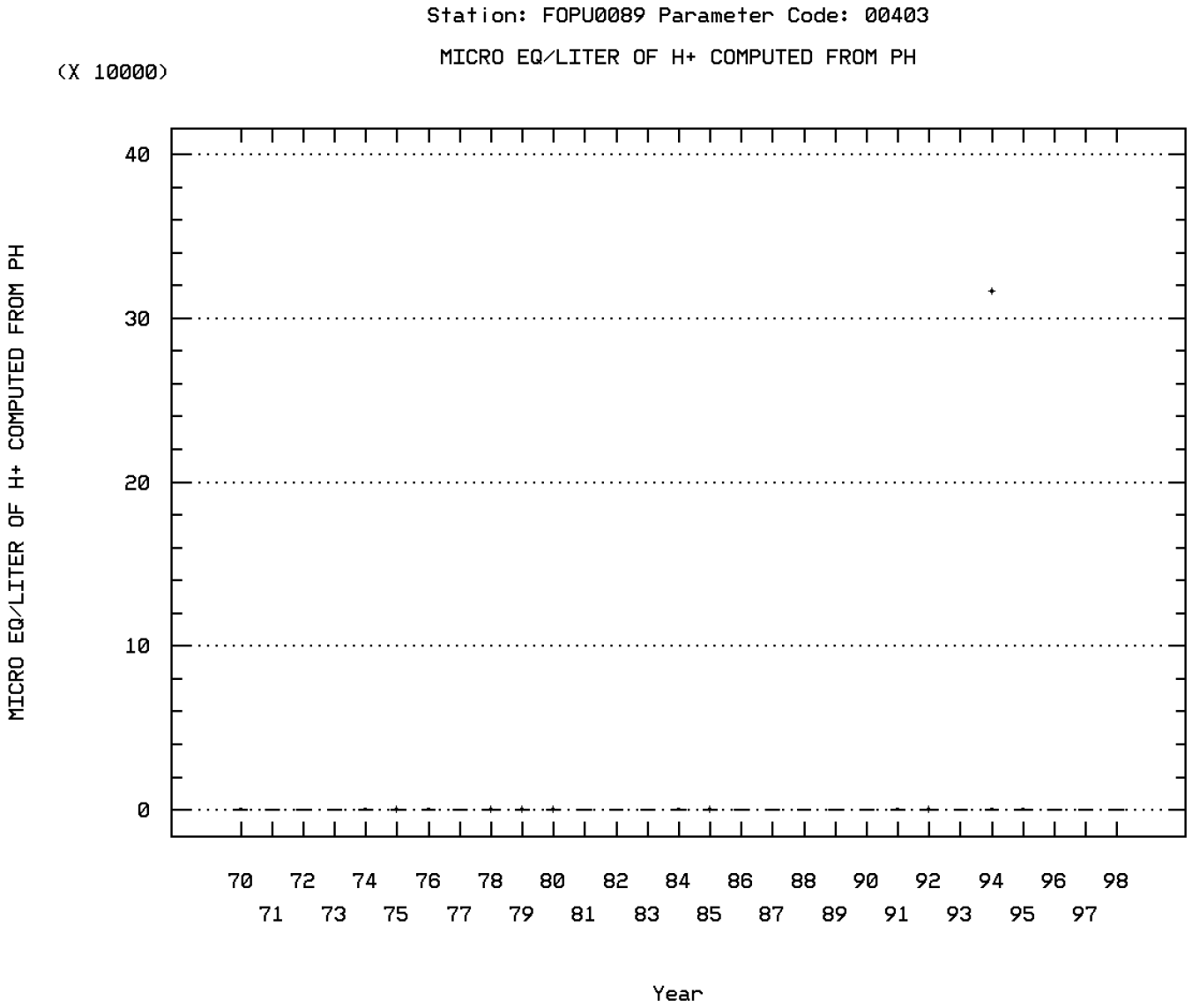
BOD, 5 DAY, 20 DEG C



SAVANNAH RIVER - FORT JACKSON



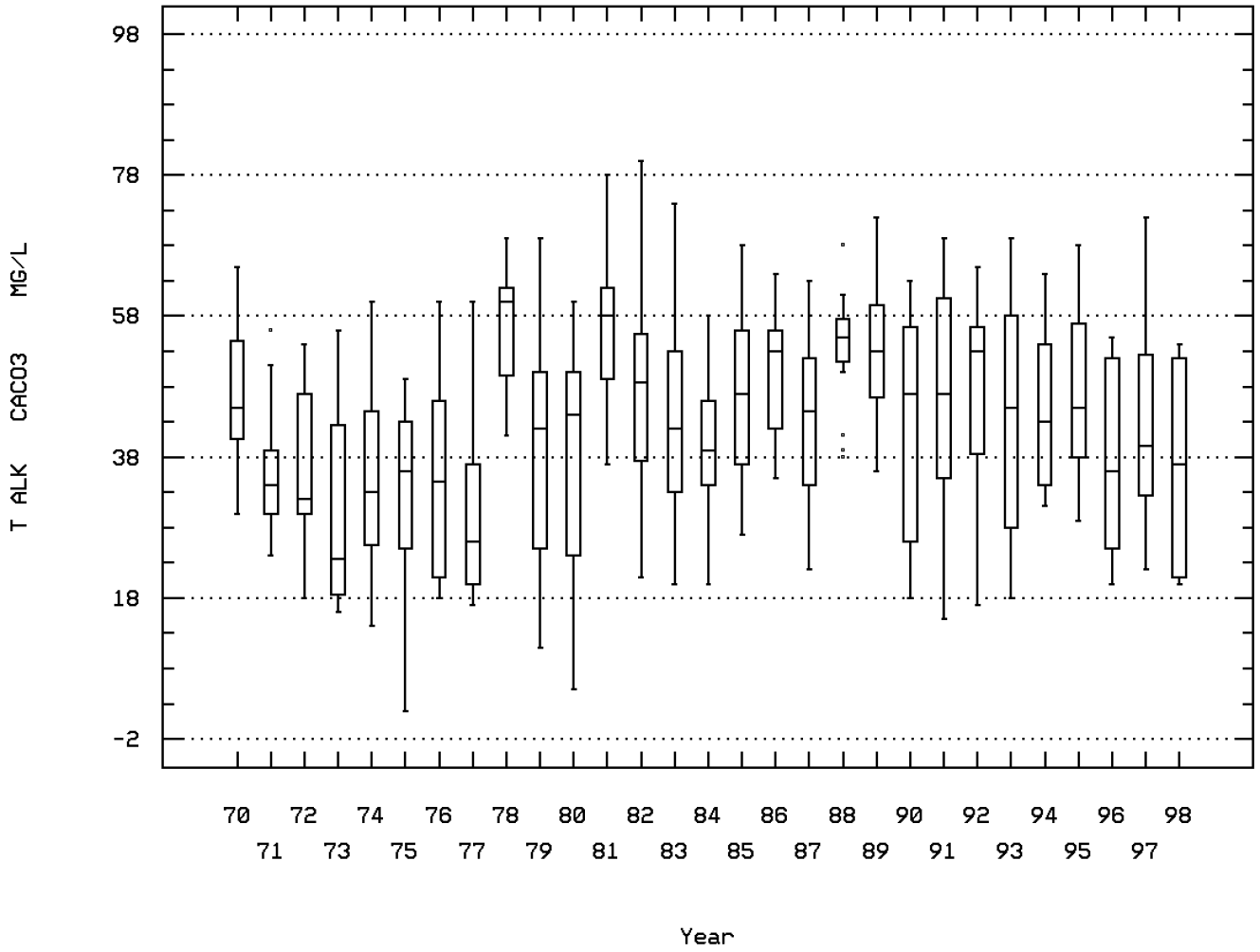
SAVANNAH RIVER - FORT JACKSON



SAVANNAH RIVER - FORT JACKSON

Station: FOPU0089 Parameter Code: 00410

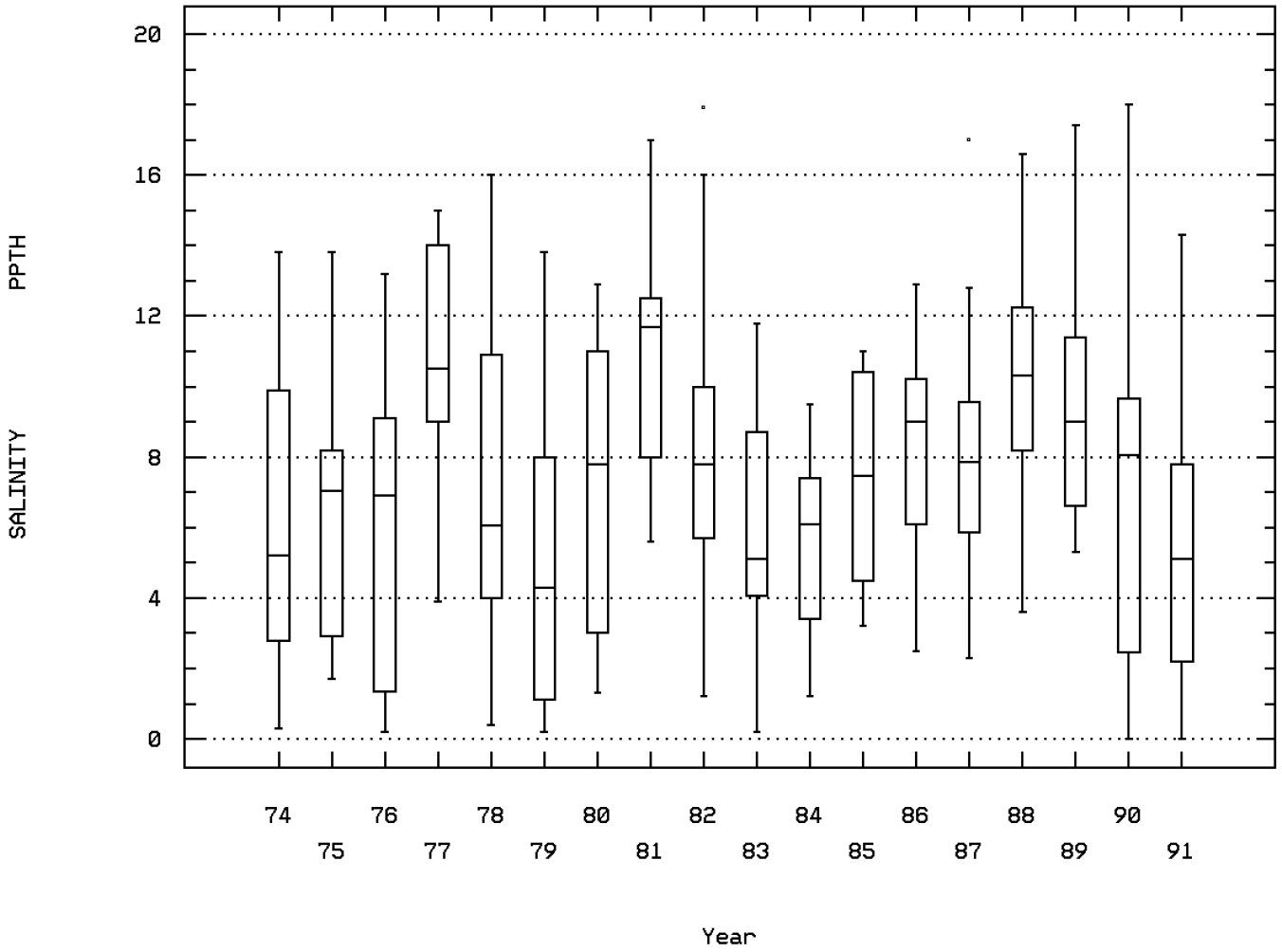
ALKALINITY, TOTAL (MG/L AS CACO3)



SAVANNAH RIVER - FORT JACKSON

Station: FOPU0089 Parameter Code: 00480

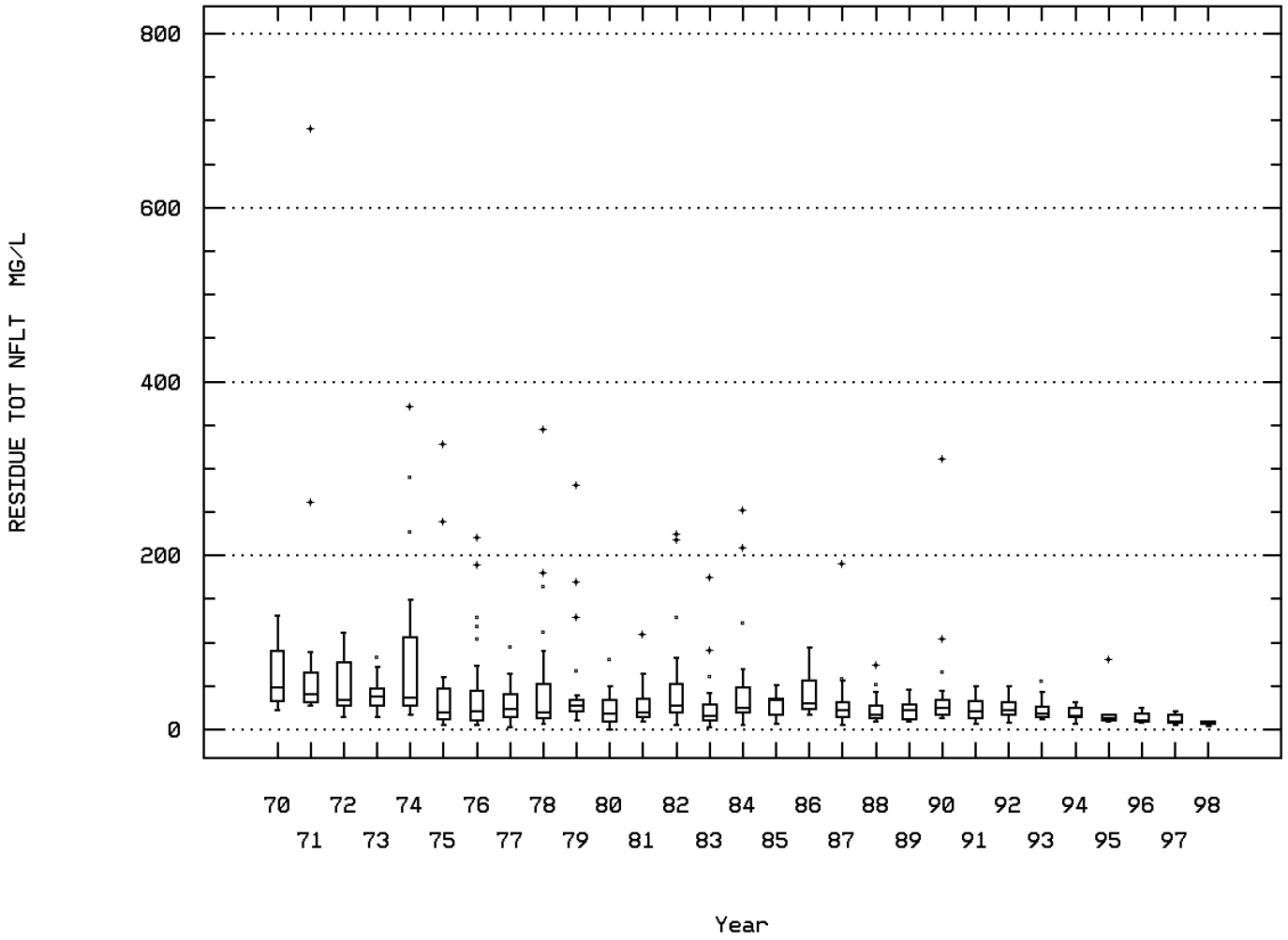
SALINITY - PARTS PER THOUSAND



SAVANNAH RIVER - FORT JACKSON

Station: FOPU0089 Parameter Code: 00530

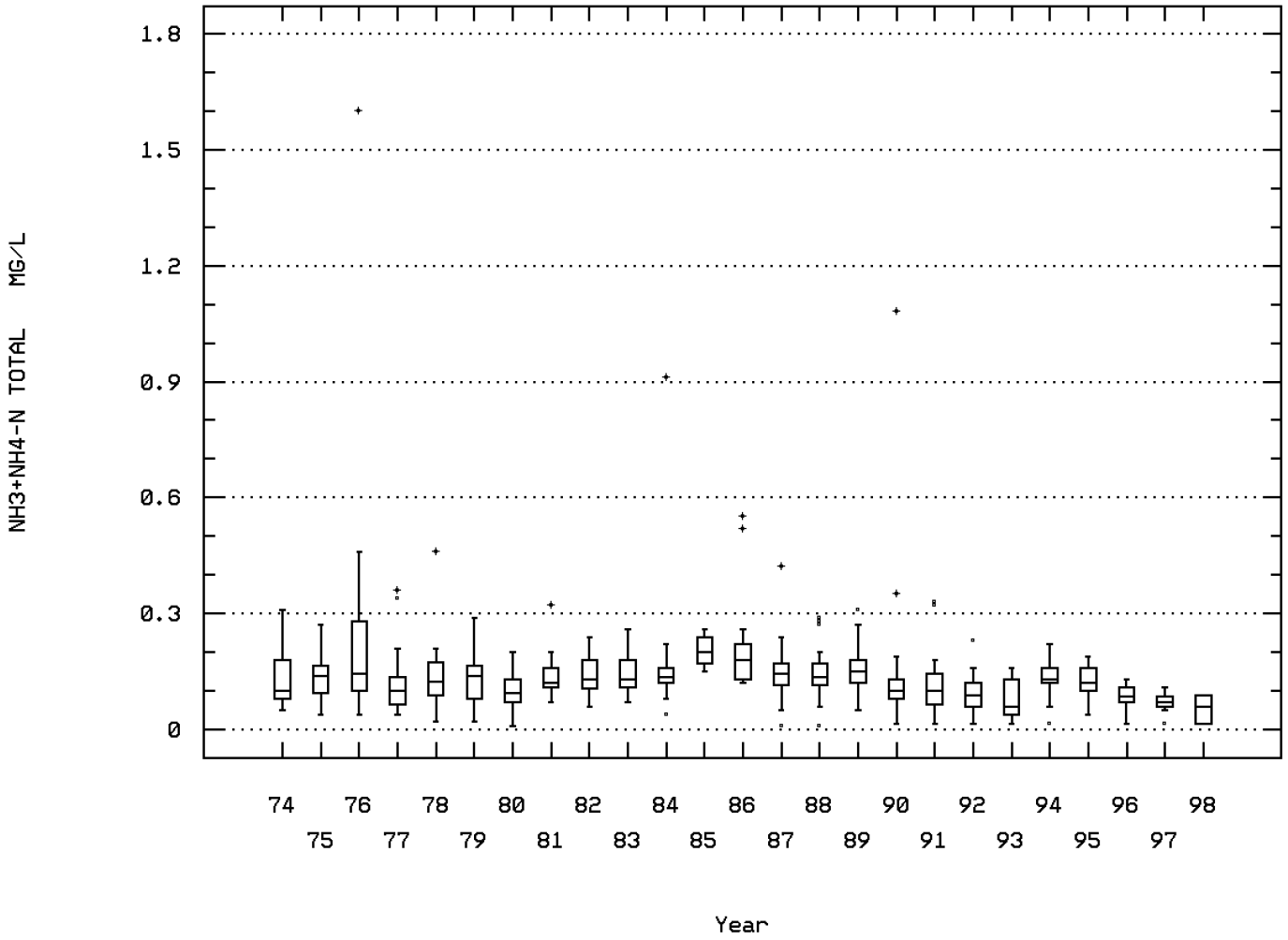
RESIDUE, TOTAL NONFILTRABLE (MG/L)



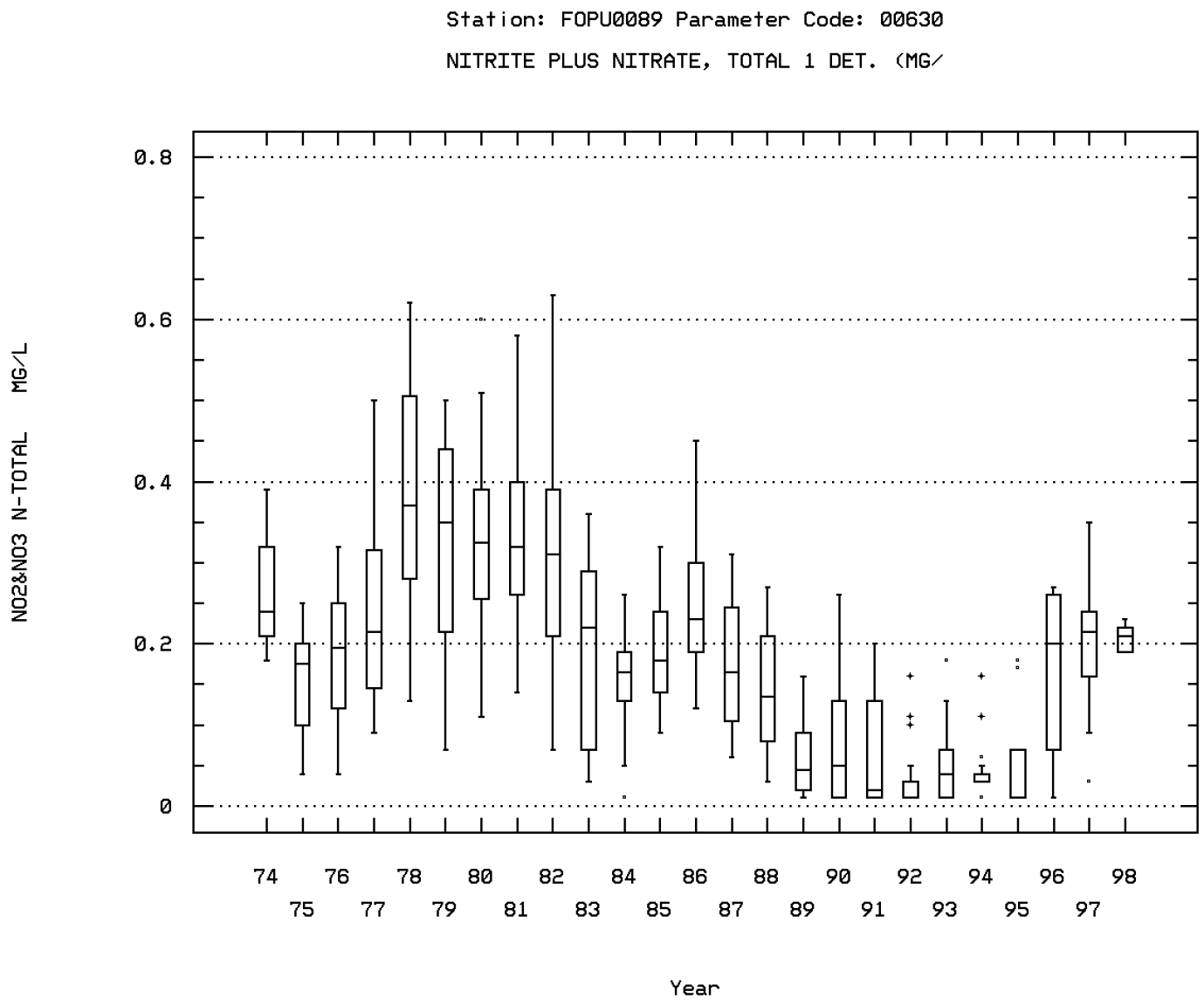
SAVANNAH RIVER - FORT JACKSON

Station: FOPU0089 Parameter Code: 00610

NITROGEN, AMMONIA, TOTAL (MG/L AS N)



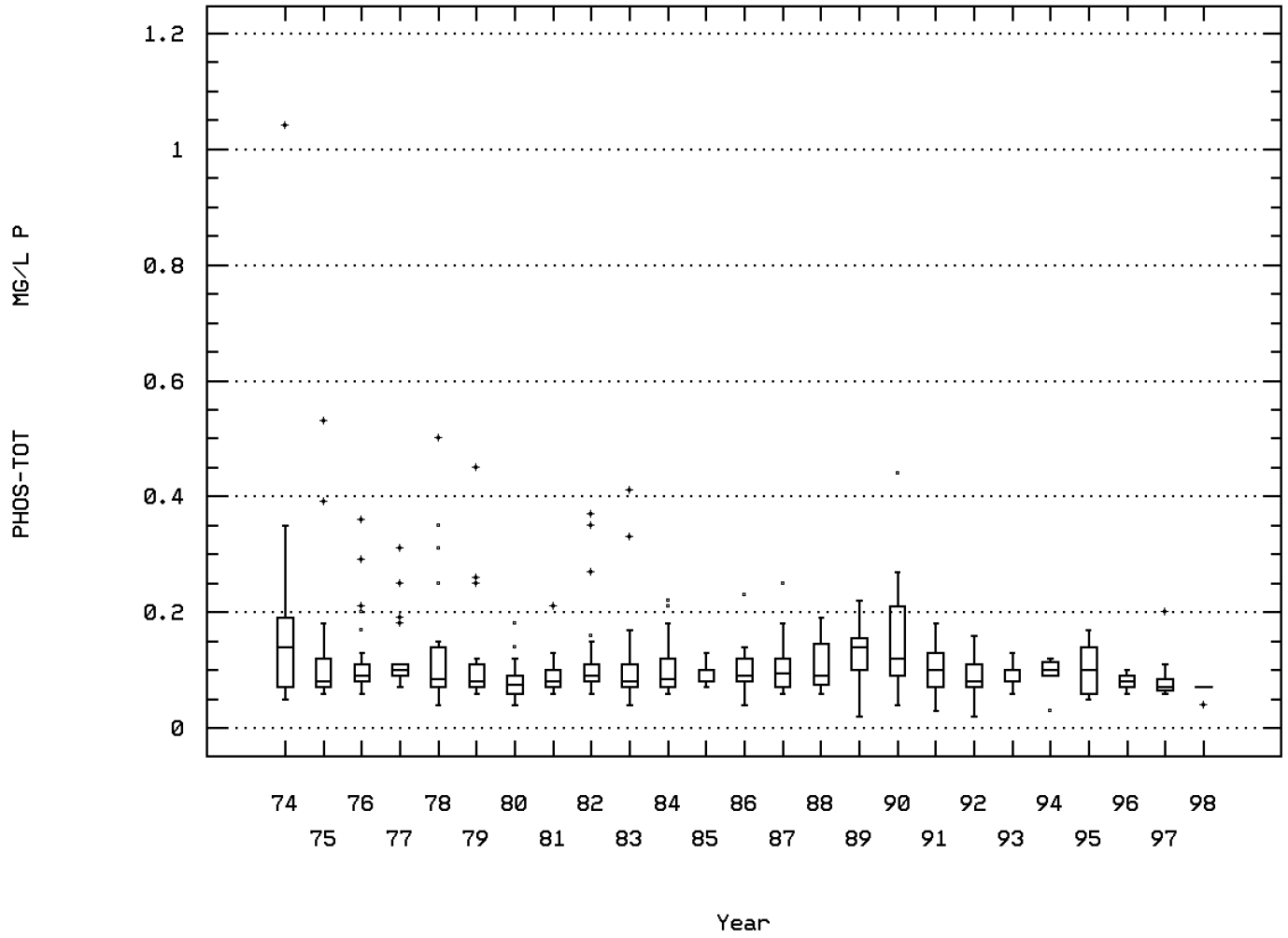
SAVANNAH RIVER - FORT JACKSON



SAVANNAH RIVER - FORT JACKSON

Station: FOPU0089 Parameter Code: 00665

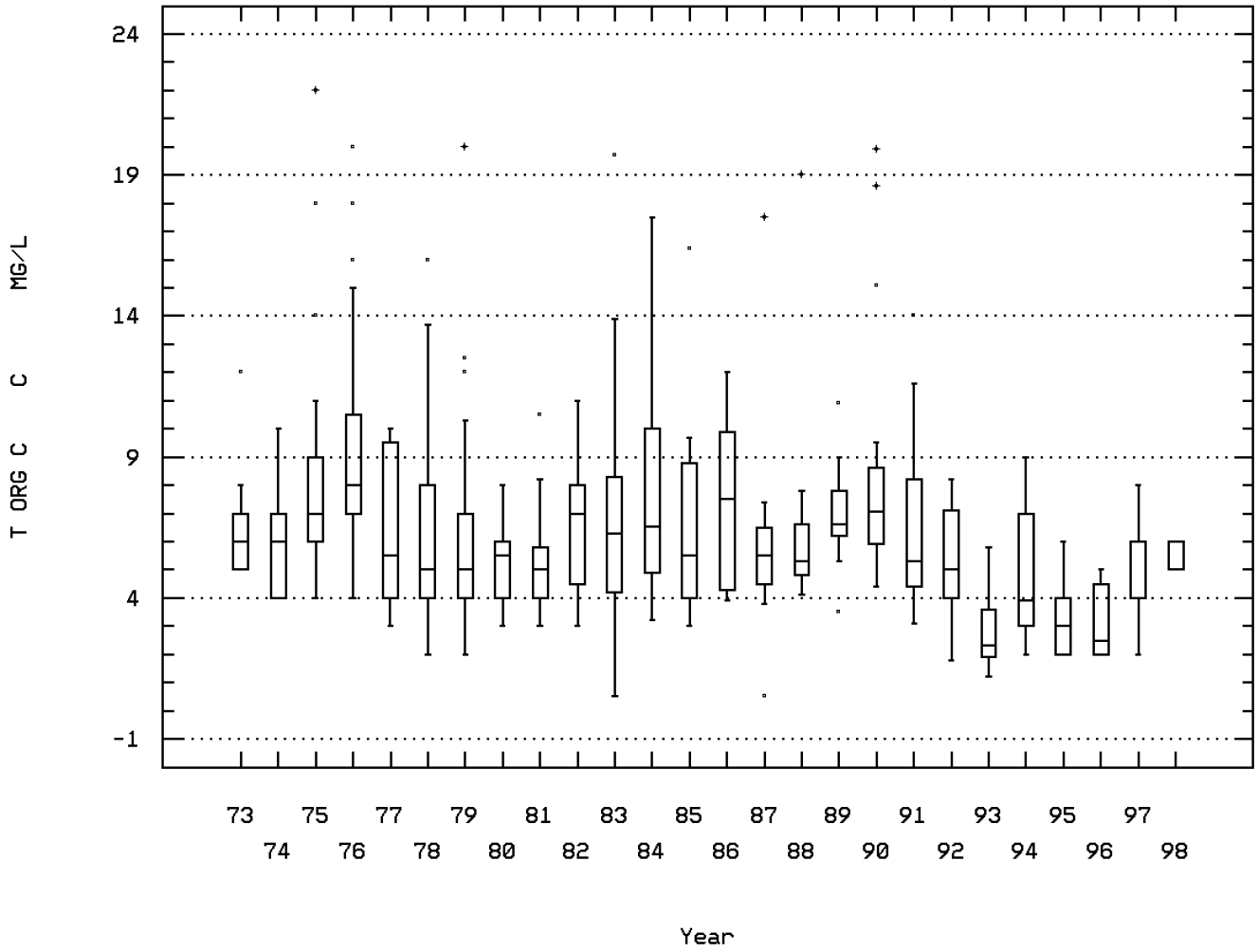
PHOSPHORUS, TOTAL (MG/L AS P)



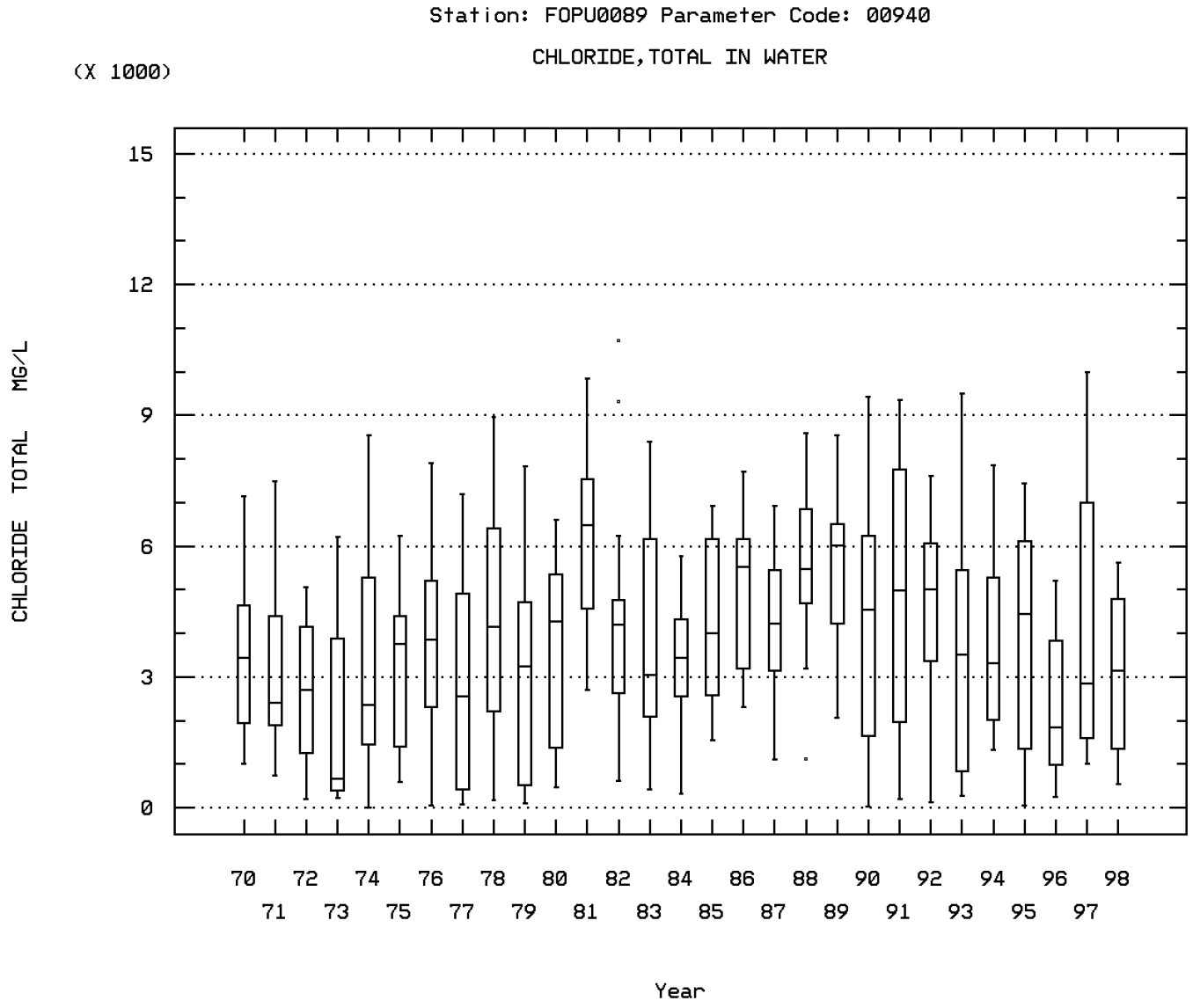
SAVANNAH RIVER - FORT JACKSON

Station: FOPU0089 Parameter Code: 00680

CARBON, TOTAL ORGANIC (MG/L AS C)



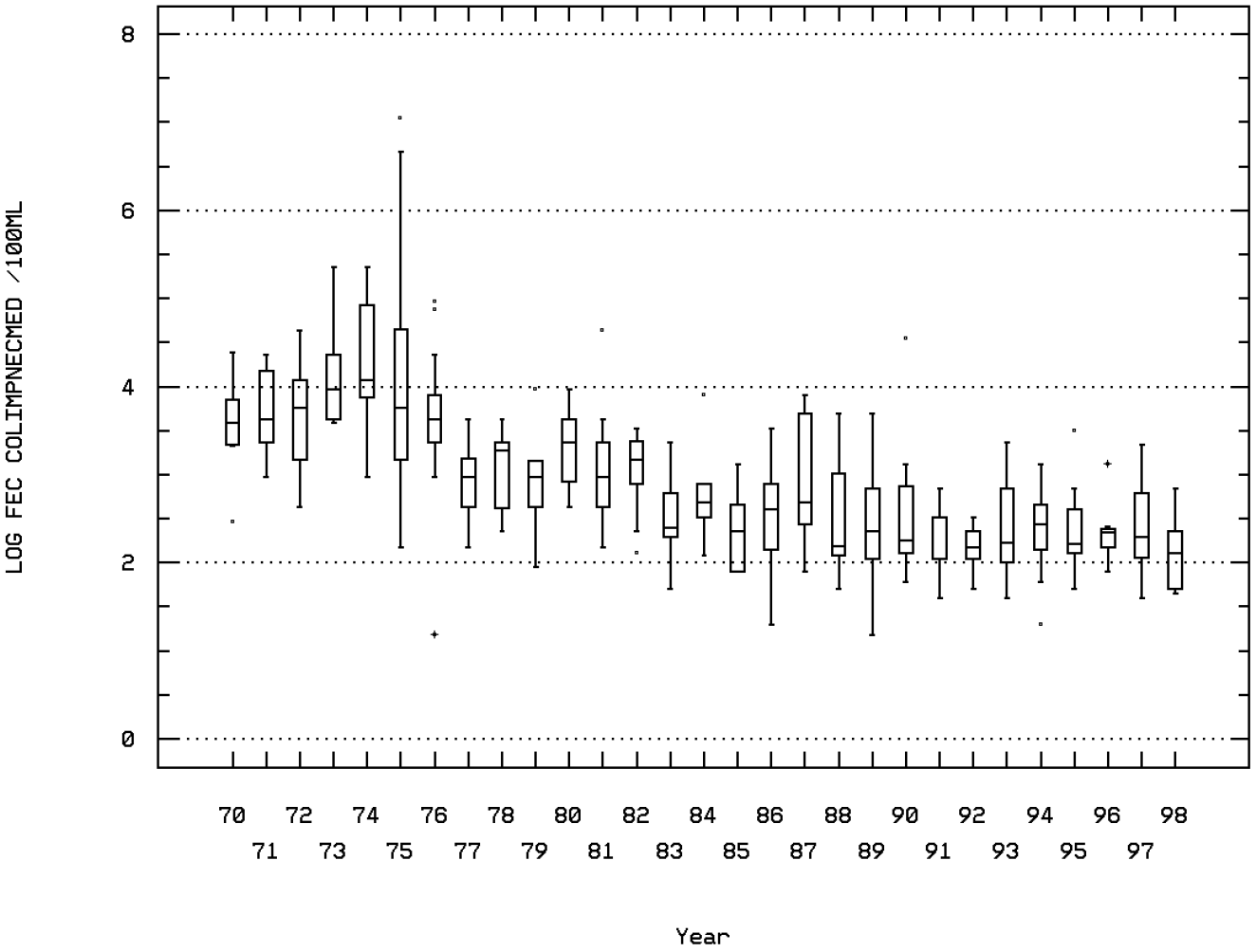
SAVANNAH RIVER - FORT JACKSON



SAVANNAH RIVER - FORT JACKSON

Station: FOPU0089 Parameter Code: 31615

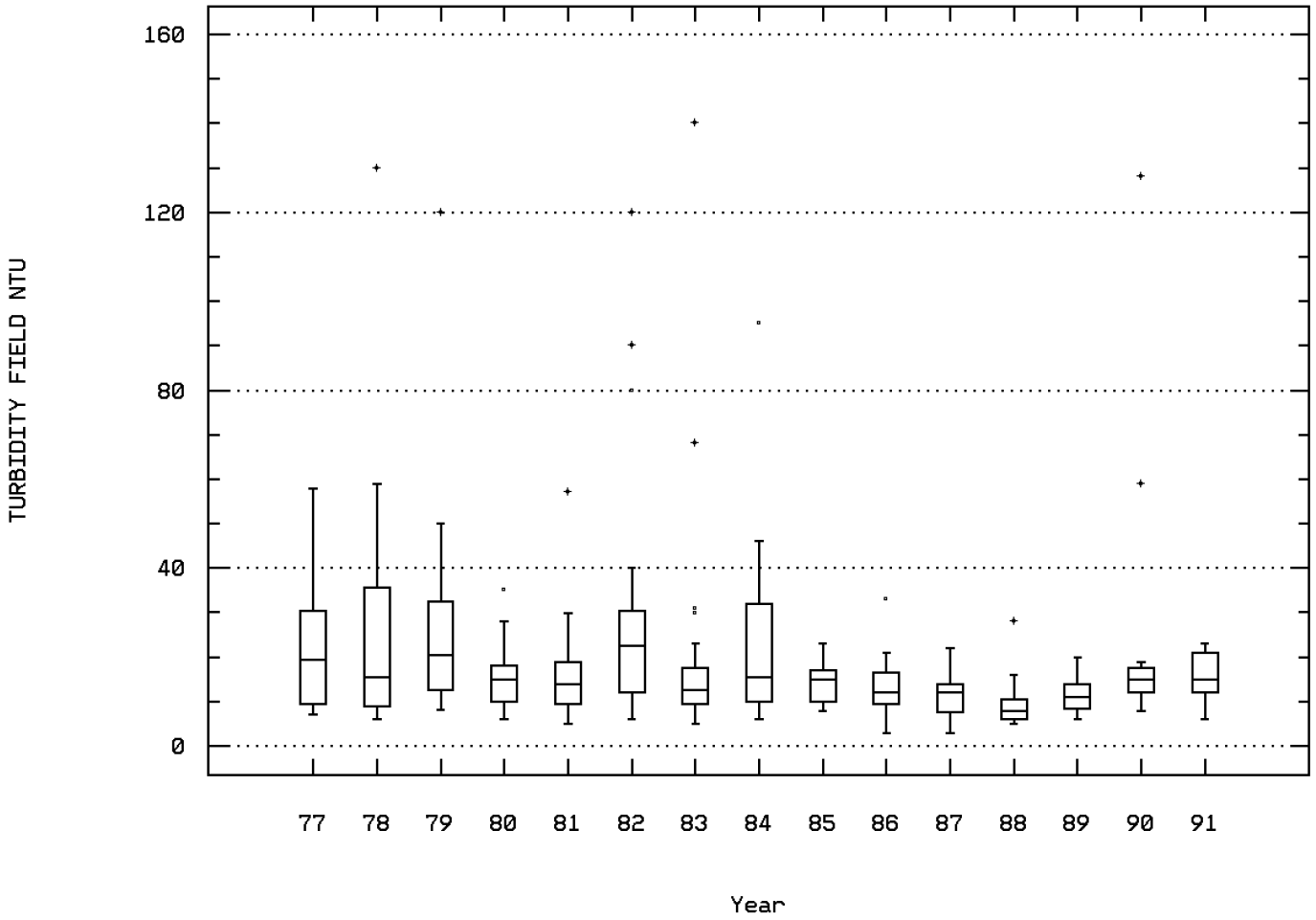
LOG FECAL COLIFORM,MPN,EC MED,44.5C (TU



SAVANNAH RIVER - FORT JACKSON

Station: FOPU0089 Parameter Code: 82078

TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY



SAVANNAH RIVER - FORT JACKSON

Seasonal Analysis for Season #1: 6/01 to 11/14 - Station FOPU0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/27/70-12/10/98	285	3.	10.512	20.	0.	76.385	8.74	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/25/70-12/10/98	293	26.	25.231	30.1	10.	13.233	3.638	19.2	23.5	28.	29.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/04/72-12/10/98	249	26.	25.715	36.	5.5	30.997	5.567	19.5	23.	29.5	32.
00065	STAGE, STREAM (FEET)	02/02/72-10/31/84	61	7.2	5.898	11.3	0.3	10.39	3.223	0.7	2.8	8.6	9.6
00080	COLOR (PLATINUM-COBALT UNITS)	07/02/74-12/10/98	241	20.	24.627	150.	2.5	347.164	18.632	5.6	10.	30.	50.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-12/10/98	245	15100.	14764.465	29200.	21.	37365152.578	6112.704	5930.	11425.	19000.	22440.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/27/70-12/10/98	271	13500.	13451.83	72500.	5.	44531854.756	6673.219	5532.4	9270.	17500.	20600.
00300p	OXYGEN, DISSOLVED MG/L	01/27/70-12/10/98	292	4.7	4.73	8.6	0.6	1.684	1.298	3.3	4.1	5.5	6.3
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/27/70-12/10/98	283	0.8	0.954	6.2	0.05	0.361	0.601	0.4	0.6	1.1	1.56
00335	COD, .025N K2CR2O7 MG/L	01/02/90-09/17/98	15	41.	43.02	80.	6.	314.962	17.747	20.7	31.4	53.	73.76
00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	11/28/73-07/14/93	9	57870.	51036.778	90630.	4491.	758754563.444	27545.5	4491.	26900.	72305.	90630.
00400	PH (STANDARD UNITS)	01/15/74-12/10/98	239	6.9	6.934	7.9	5.5	0.186	0.431	6.4	6.7	7.2	7.5
00400	CONVERTED PH (STANDARD UNITS)	01/15/74-12/10/98	239	6.9	6.671	7.9	5.5	0.255	0.505	6.4	6.7	7.2	7.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-12/10/98	239	0.126	0.213	3.162	0.013	0.155	0.394	0.032	0.063	0.2	0.398
00403p	PH, LAB, STANDARD UNITS SU	01/27/70-12/10/98	285	7.3	7.259	8.	0.5	0.261	0.511	6.9	7.15	7.5	7.6
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/27/70-12/10/98	285	7.3	2.955	8.	0.5	18.855	4.342	6.9	7.15	7.5	7.6
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/27/70-12/10/98	285	0.05	1109.691	316227.766	0.01	350876926.858	18731.709	0.025	0.032	0.071	0.126
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/27/70-12/10/98	272	48.	47.945	74.	1.	159.3	12.621	31.3	40.	58.	63.
00480	SALINITY - PARTS PER THOUSAND	02/05/74-06/25/91	183	8.8	8.672	18.	0.2	13.195	3.632	3.58	6.3	11.1	13.08
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/27/70-12/10/98	275	23.	36.74	690.	0.5	3455.075	58.78	10.	15.	35.	62.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/07/74-12/10/98	249	0.12	0.141	1.08	0.01	0.011	0.105	0.07	0.09	0.16	0.22
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/77-12/10/98	77	0.4	0.584	2.4	0.05	0.187	0.432	0.3	0.4	0.6	1.2
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/07/74-12/10/98	248	0.2	0.215	0.63	0.01	0.026	0.16	0.01	0.063	0.32	0.45
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/07/74-12/10/98	249	0.09	0.109	0.53	0.03	0.005	0.068	0.06	0.07	0.12	0.18
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	01/23/73-12/10/98	239	5.	5.767	22.	1.	11.83	3.44	2.7	4.	6.9	9.8
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/27/70-12/10/98	274	4861.5	4797.42	10000.	4.	4345918.633	2084.687	1900.	3385.75	6236.25	7569.5
01002	ARSENIC, TOTAL (UG/L AS AS)	11/28/73-07/14/93	10 ##	11.25	13.75	50.	5.	186.458	13.655	5.	5.	14.375	47.
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	11/01/77-07/14/93	10	13.	10.98	19.	2.5	42.837	6.545	2.55	4.5	17.5	19.
01027	CADMIUM, TOTAL (UG/L AS CD)	11/28/73-07/14/93	10 ##	15.	16.835	50.	0.35	249.994	15.811	0.615	4.5	25.	47.5
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/28/73-07/14/93	10 ##	0.5	1.86	8.1	0.5	5.696	2.387	0.5	0.5	2.5	7.54
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/28/73-07/14/93	10	23.	22.13	45.	4.	165.969	12.883	4.5	9.75	31.225	43.9
01034	CHROMIUM, TOTAL (UG/L AS CR)	11/28/73-07/14/93	10 ##	17.5	15.5	25.	5.	102.5	10.124	5.	5.	25.	25.
01042	COPPER, TOTAL (UG/L AS CU)	11/28/73-07/14/93	10 ##	25.	20.85	50.	3.5	176.669	13.292	4.15	10.	25.	47.5
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/28/73-07/14/93	10	4.5	5.12	12.	1.	11.862	3.444	1.1	2.375	7.9	11.59
01051	LEAD, TOTAL (UG/L AS PB)	11/28/73-07/14/93	10 ##	55.	77.3	200.	0.5	6104.567	78.132	1.7	12.5	162.5	200.
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	11/28/73-07/14/93	10	13.5	15.43	38.	1.5	103.738	10.185	1.75	10.	20.45	36.38
01092	ZINC, TOTAL (UG/L AS ZN)	11/28/73-07/14/93	10 ##	32.	37.9	90.	10.	722.989	26.888	10.	10.	60.	87.
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	11/28/73-07/14/93	10	32.	31.68	72.	10.	339.168	18.417	10.2	14.25	41.075	69.23
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/27/70-12/10/98	159	930.	107172.044	11000000.	10.889	391955415.574	943075.795	110.	230.	3900.	15000.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/27/70-12/10/98	159	2.968	3.072	7.041	1.	0.885	0.941	2.041	2.362	3.591	4.176
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1180.909								
34257	B-BHC-BETA DRY WGTBOTUG/KG	10/02/79-07/14/93	9 ##	0.5	0.556	1.	0.5	0.028	0.167	0.5	0.5	0.5	1.
39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	11/01/77-07/14/93	10 ##	0.5	0.55	1.	0.5	0.025	0.158	0.5	0.5	0.5	0.95
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/28/73-07/14/93	10 ##	0.5	0.6	1.	0.5	0.044	0.211	0.5	0.5	0.625	1.
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	11/01/77-07/14/93	10 ##	3.	3.2	5.	3.	0.4	0.632	3.	3.	3.	4.8
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	11/01/77-07/14/93	10 ##	1.	1.1	2.	1.	0.1	0.316	1.	1.	1.	1.9
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/01/77-07/14/93	10 ##	1.	10.2	93.	1.	846.4	29.093	1.	1.	1.	83.8
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	11/28/73-07/14/93	10 ##	10.	11.	20.	10.	10.	3.162	10.	10.	10.	19.
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	11/01/77-07/14/93	10 ##	6.	5.4	6.	2.	1.822	1.35	2.2	5.5	6.	6.
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/28/73-07/14/93	10 ##	3.	5.9	17.	3.	29.433	5.425	3.	3.	8.25	16.8
39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	11/01/77-07/14/93	10 ##	0.375	0.425	1.	0.25	0.056	0.237	0.25	0.25	0.5	0.95
70318	SOLIDS, TOTAL, PERCENT OF WET SAMPLE	11/28/73-07/14/93	9	49.8	52.144	75.	32.7	191.32	13.832	32.7	42.25	65.5	75.
71900	MERCURY, TOTAL (UG/L AS HG)	11/28/73-07/17/91	9 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	11/28/73-07/17/91	9 ##	0.05	0.056	0.1	0.05	0.	0.017	0.05	0.05	0.05	0.1
82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	03/10/77-05/14/91	144	11.	14.833	120.	5.	204.448	14.299	7.	9.	15.75	23.

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

Seasonal Analysis for Season #2: 11/15 to 3/31 - Station FOPU0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/27/70-12/10/98	214	3.	10.752	20.	0.	73.38	8.566	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/25/70-12/10/98	215	12.4	12.227	20.	6.	8.982	2.997	8.26	10.	14.	16.12
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/04/72-12/10/98	181	12.5	12.582	26.2	0.	33.128	5.756	5.	8.	16.	20.
00065	STAGE, STREAM (FEET)	02/02/72-10/31/84	63	4.9	5.613	12.5	0.5	13.07	3.615	1.5	2.6	9.2	10.6
00080	COLOR (PLATINUM-COBALT UNITS)	07/02/74-12/10/98	188	25.	30.162	120.	2.5	514.761	22.688	5.	11.25	40.	60.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-12/10/98	190	8305.	8923.332	26300.	4.	36611354.064	6050.732	1304.	3725.	13812.5	16090.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/27/70-12/10/98	203	9055.	9731.089	25800.	110.	38906982.457	6237.546	1945.	4600.	14900.	18496.
00300p	OXYGEN, DISSOLVED MG/L	01/27/70-12/10/98	216	8.3	8.152	11.	1.7	2.222	1.49	6.1	7.4	9.2	9.83
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/27/70-12/10/98	209	0.9	1.034	4.2	0.1	0.322	0.568	0.5	0.65	1.3	1.7
00335	COD, .025N K2CR2O7 MG/L	01/02/90-09/17/98	23	28.	31.639	70.	2.5	180.114	13.421	19.28	25.	38.5	50.32
00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	11/28/73-07/14/93	1	54100.	54100.	54100.	54100.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	01/15/74-12/10/98	182	7.	6.935	8.2	1.1	0.438	0.662	6.3	6.645	7.2	7.57
00400	CONVERTED PH (STANDARD UNITS)	01/15/74-12/10/98	182	7.	3.36	8.2	1.1	13.287	3.645	6.3	6.645	7.2	7.57
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-12/10/98	182	0.1	436.691	79432.823	0.00634667	770.092	5887.934	0.027	0.063	0.227	0.501
00403p	PH, LAB, STANDARD UNITS SU	01/27/70-12/10/98	218	7.3	7.268	8.1	5.	0.132	0.363	6.8	7.	7.6	7.7
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/27/70-12/10/98	218	7.3	6.934	8.1	5.	0.244	0.494	6.8	7.	7.6	7.7
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/27/70-12/10/98	218	0.05	0.116	10.	0.008	0.456	0.675	0.02	0.025	0.1	0.158
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/27/70-12/10/98	209	41.	39.565	80.	2.	227.959	15.098	20.	26.5	53.	58.
00480	SALINITY - PARTS PER THOUSAND	02/05/74-06/25/91	145	7.	6.856	17.9	0.	17.913	4.232	0.96	3.35	9.4	12.84
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/27/70-12/10/98	212	26.5	37.821	370.	1.	1916.565	43.779	9.	17.	42.	66.7
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/07/74-12/10/98	187	0.13	0.143	1.6	0.01	0.017	0.132	0.04	0.09	0.18	0.222
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/77-12/10/98	63	0.4	0.468	0.9	0.1	0.045	0.212	0.2	0.3	0.6	0.8
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/07/74-12/10/98	188	0.16	0.171	0.54	0.01	0.015	0.121	0.029	0.07	0.238	0.35
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/07/74-12/10/98	186	0.09	0.107	1.04	0.02	0.007	0.085	0.06	0.07	0.12	0.163
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	01/23/73-12/10/98	192	6.	6.403	17.5	0.5	7.565	2.751	3.26	4.725	8.	10.
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/27/70-12/10/98	205	3000.	3460.02	10710.	29.	5864052.705	2421.581	476.	1415.	5352.5	6957.
01002	ARSENIC, TOTAL (UG/L AS AS)	11/28/73-07/14/93	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	11/28/73-07/14/93	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/28/73-07/14/93	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/28/73-07/14/93	1	14.	14.	14.	14.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	11/28/73-07/14/93	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	11/28/73-07/14/93	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/28/73-07/14/93	1	9.	9.	9.	9.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	11/28/73-07/14/93	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	11/28/73-07/14/93	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	11/28/73-07/14/93	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	11/28/73-07/14/93	1	29.	29.	29.	29.	0.	0.	**	**	**	**
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/27/70-12/10/98	119	430.	5066.218	150000.	10.	299314444.477	17300.706	100.	170.	2300.	9300.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/27/70-12/10/98	119	2.633	2.809	5.176	1.	0.684	0.827	2.	2.23	3.362	3.968
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			643.704								
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/28/73-07/14/93	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	11/28/73-07/14/93	1 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/28/73-07/14/93	1 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
70318	SOLIDS, TOTAL, PERCENT OF WET SAMPLE	11/28/73-07/14/93	1	49.3	49.3	49.3	49.3	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	11/28/73-07/17/91	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	11/28/73-07/17/91	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	03/10/77-05/14/91	120	15.	19.409	120.	3.	277.216	16.65	7.	9.	22.	39.6

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

Seasonal Analysis for Season #3: 4/01 to 5/31 - Station FOPU0089

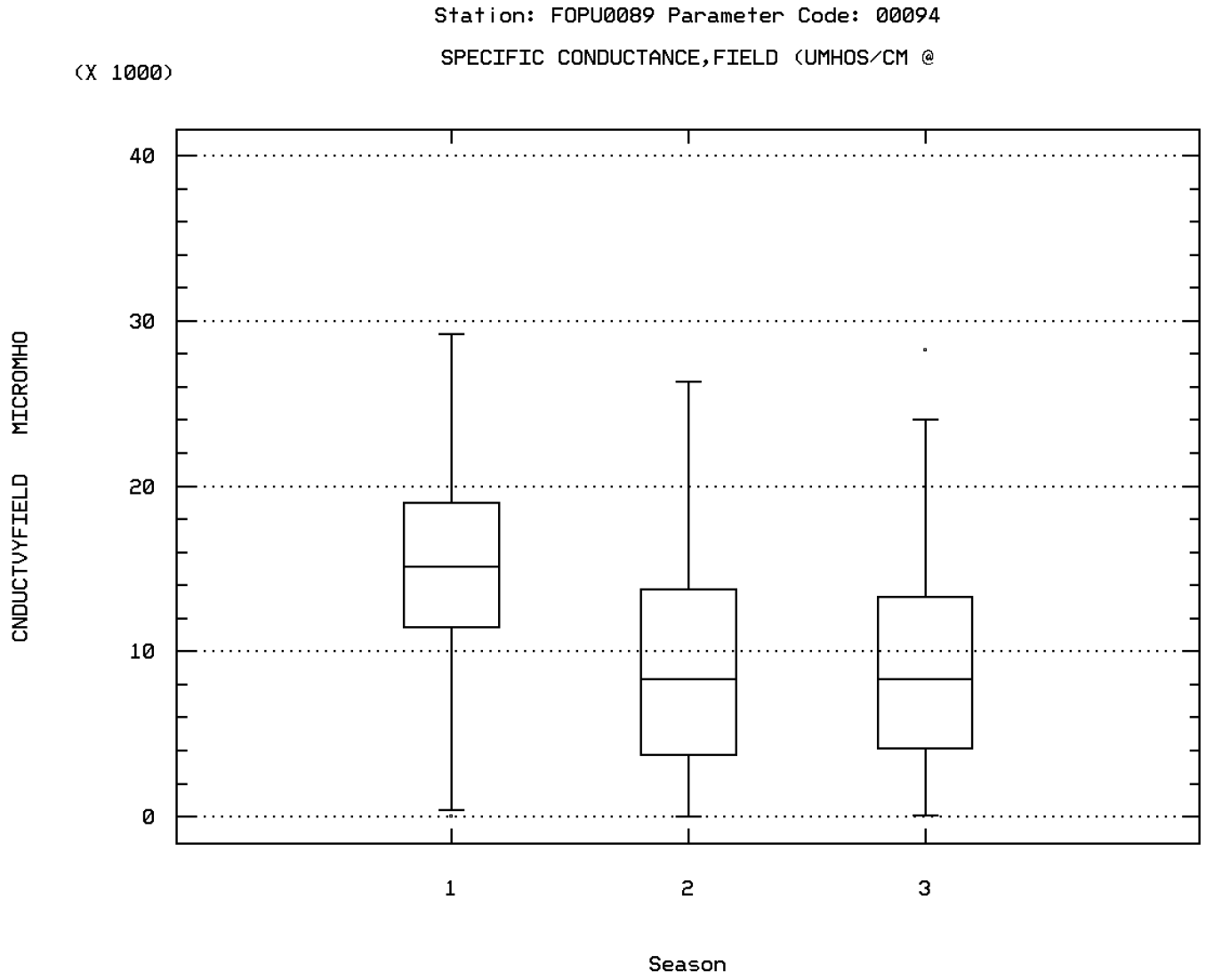
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/27/70-12/10/98	99	3.	11.051	30.	0.	77.987	8.831	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/25/70-12/10/98	100	19.5	20.127	26.	13.5	7.035	2.652	17.1	18.25	22.2	23.86
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/04/72-12/10/98	83	22.	21.425	32.	13.	19.013	4.36	15.2	18.5	24.	26.84
00065	STAGE, STREAM (FEET)	02/02/72-10/31/84	25	4.5	257.004	6320.	0.3	1595489.571	1263.127	0.42	2.	6.9	9.

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

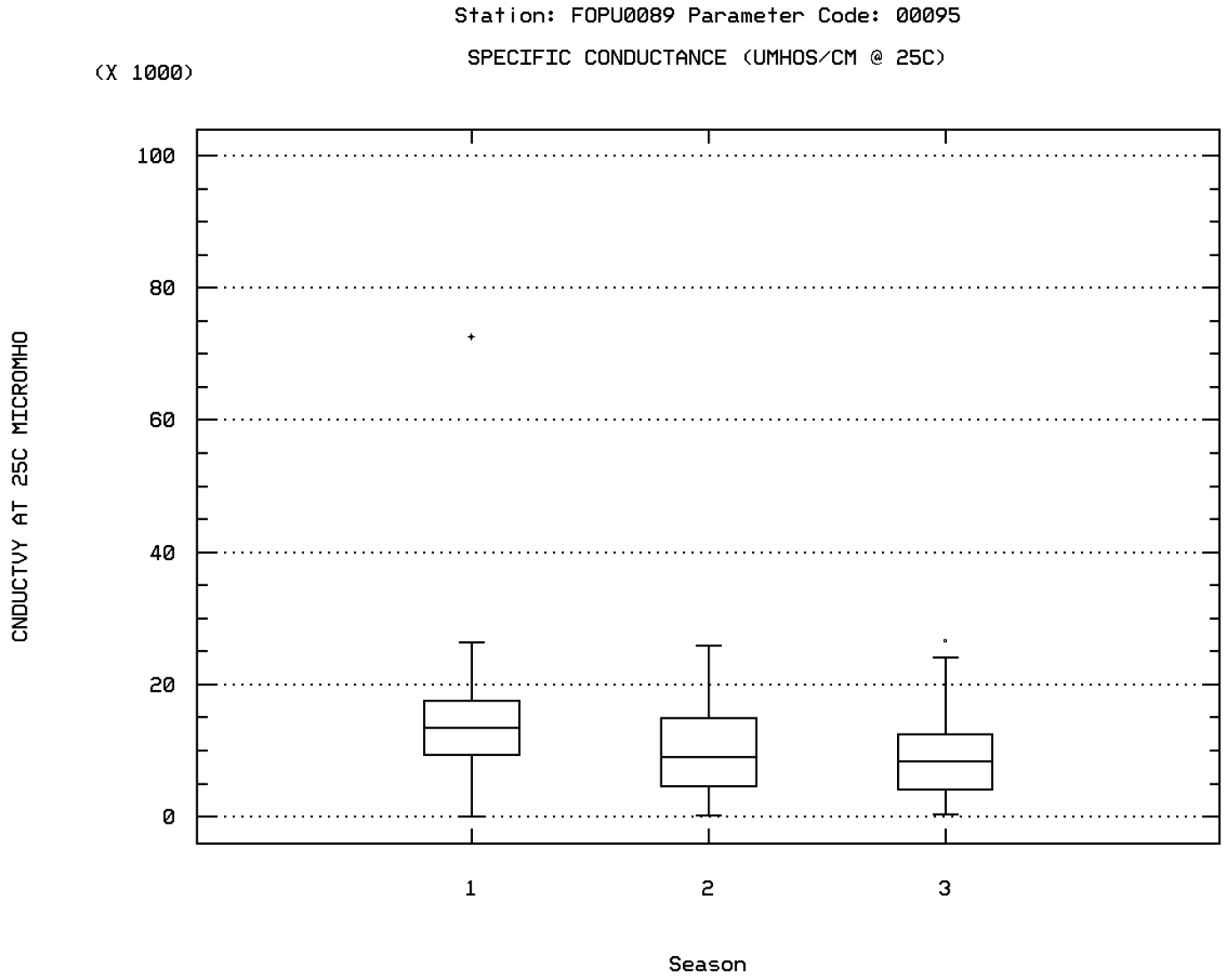
Seasonal Analysis for Season #3: 4/01 to 5/31 - Station FOPU0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00080	COLOR (PLATINUM-COBALT UNITS)	07/02/74-12/10/98	84	32.5	38.31	150.	10.	590.65	24.303	10.	20.	50.	72.5
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-12/10/98	87	8300.	9158.989	28200.	76.	41786538.384	6464.251	1052.	4150.	13300.	18660.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/27/70-12/10/98	92	8329.	8890.62	26600.	292.	35957479.689	5996.456	1311.4	4095.	12520.	16970.
00300p	OXYGEN, DISSOLVED MG/L	01/27/70-12/10/98	98	6.35	6.047	8.1	1.7	1.669	1.292	4.28	5.45	6.8	7.41
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/27/70-12/10/98	101	0.8	0.929	2.6	0.1	0.217	0.466	0.5	0.6	1.1	1.68
00335	COD, .025N K2CR2O7 MG/L	01/02/90-09/17/98	6	28.	53.333	192.	18.	4639.467	68.114	**	**	**	**
00400	PH (STANDARD UNITS)	01/15/74-12/10/98	85	6.9	6.931	8.	6.2	0.173	0.416	6.46	6.6	7.2	7.54
00400	CONVERTED PH (STANDARD UNITS)	01/15/74-12/10/98	85	6.9	6.766	8.	6.2	0.2	0.447	6.46	6.6	7.2	7.54
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-12/10/98	85	0.126	0.171	0.631	0.01	0.021	0.144	0.029	0.063	0.251	0.349
00403p	PH, LAB, STANDARD UNITS SU	01/27/70-12/10/98	100	7.2	7.186	7.7	6.5	0.071	0.266	6.8	7.	7.4	7.5
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/27/70-12/10/98	100	7.2	7.1	7.7	6.5	0.078	0.28	6.8	7.	7.4	7.5
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/27/70-12/10/98	100	0.063	0.079	0.316	0.02	0.003	0.057	0.032	0.04	0.1	0.158
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/27/70-12/10/98	96	36.	37.979	78.	15.	204.631	14.305	19.	25.	49.75	56.
00480	SALINITY - PARTS PER THOUSAND	02/05/74-06/25/91	67	5.6	5.863	17.2	0.2	14.994	3.872	1.08	2.5	8.	11.22
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/27/70-12/10/98	98	24.	45.082	345.	1.	3473.395	58.936	9.9	15.75	47.25	104.5
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/07/74-12/10/98	86	0.12	0.126	0.46	0.01	0.006	0.076	0.04	0.075	0.17	0.213
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/11/77-12/10/98	28	0.5	0.516	0.9	0.2	0.034	0.183	0.2	0.4	0.6	0.8
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/07/74-12/10/98	85	0.17	0.178	0.48	0.01	0.013	0.112	0.01	0.1	0.27	0.324
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/07/74-12/10/98	87	0.09	0.117	0.5	0.02	0.007	0.086	0.06	0.07	0.12	0.222
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	01/23/73-12/10/98	89	5.5	6.979	20.	2.	16.006	4.001	3.6	4.5	8.	12.
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/27/70-12/10/98	97	2710.	2988.082	9260.	43.	4576878.285	2139.364	308.8	1151.5	4550.	5826.6
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/27/70-12/10/98	55	490.	3631.727	75000.	15.	108162614.091	10400.126	76.	150.	4300.	9300.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/27/70-12/10/98	55	2.69	2.838	4.875	1.176	0.659	0.812	1.88	2.176	3.633	3.968
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			688.008								
82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	03/10/77-05/14/91	58	18.5	26.293	140.	5.	796.913	28.23	8.9	11.	23.25	56.3

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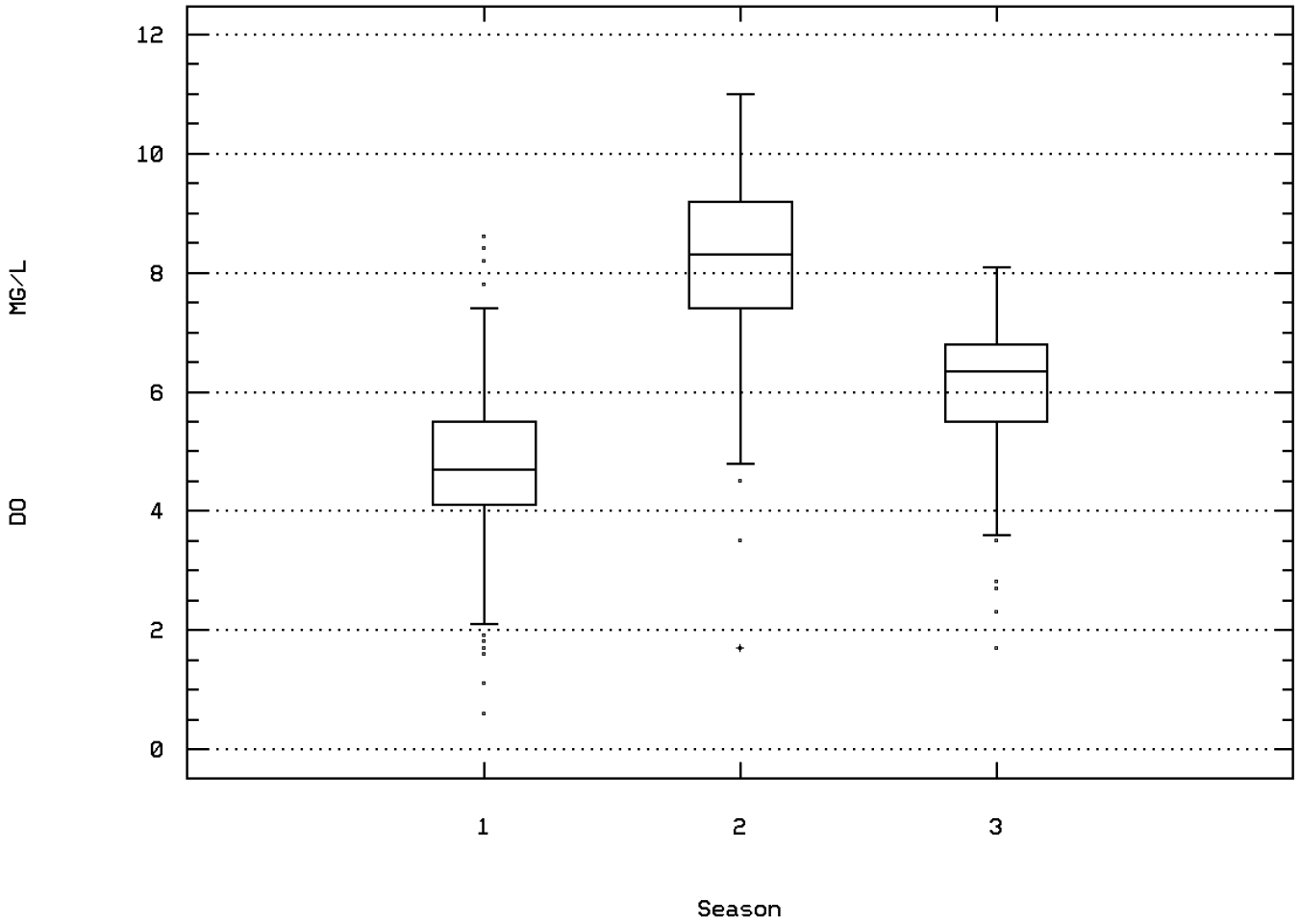
SAVANNAH RIVER - FORT JACKSON



SAVANNAH RIVER - FORT JACKSON

Station: FOPU0089 Parameter Code: 00300

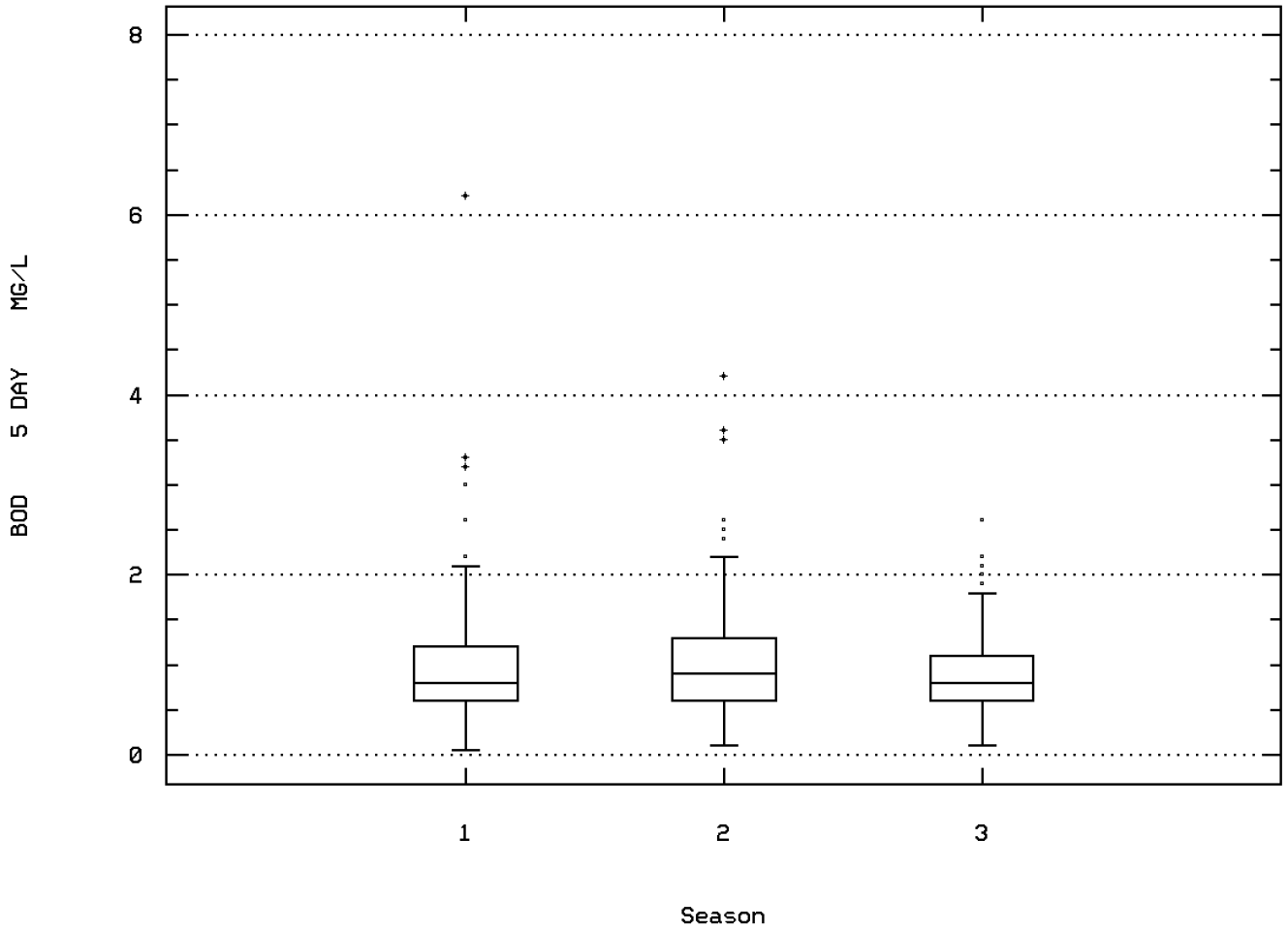
OXYGEN, DISSOLVED



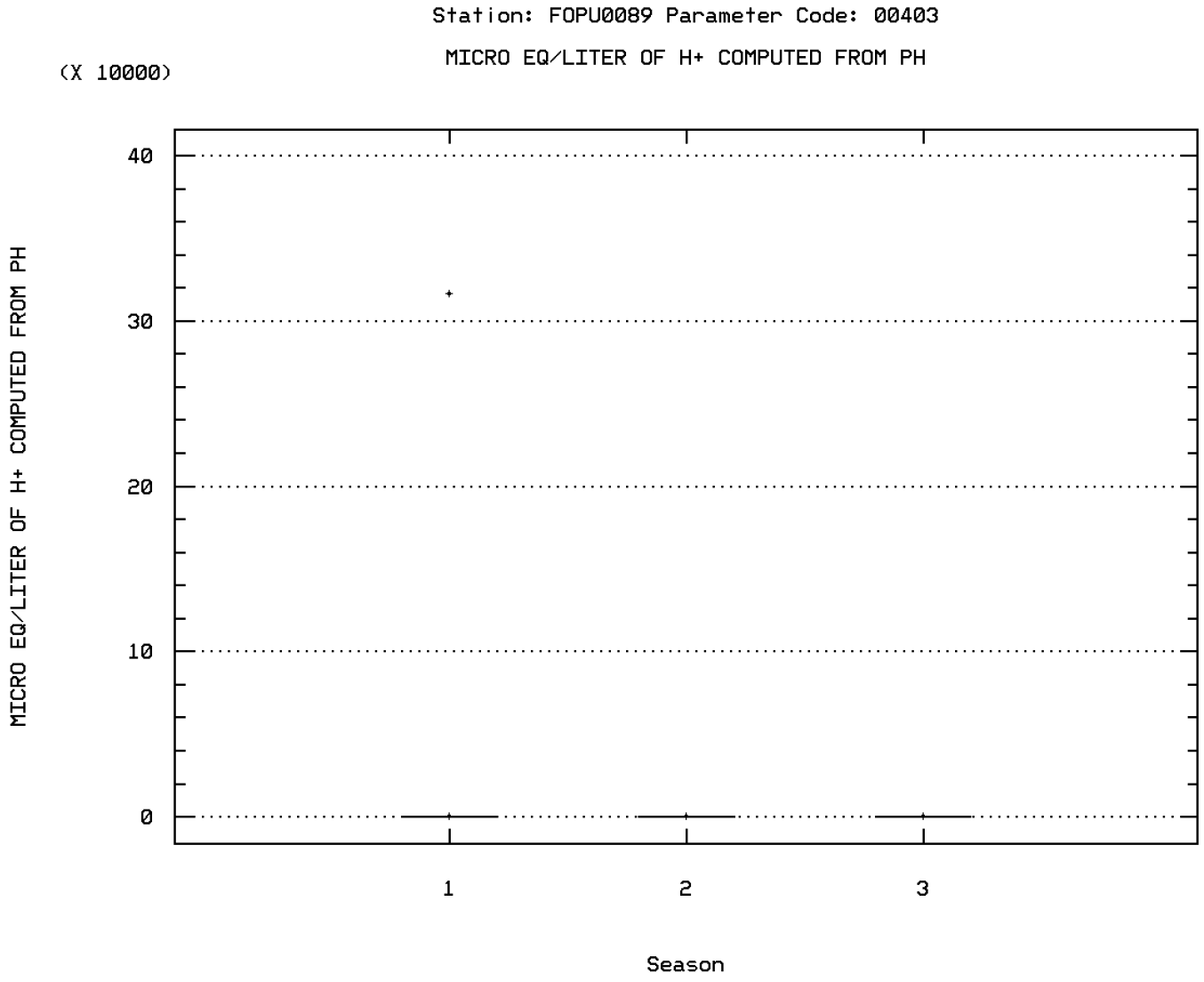
SAVANNAH RIVER - FORT JACKSON

Station: FOPU0089 Parameter Code: 00310

BOD, 5 DAY, 20 DEG C



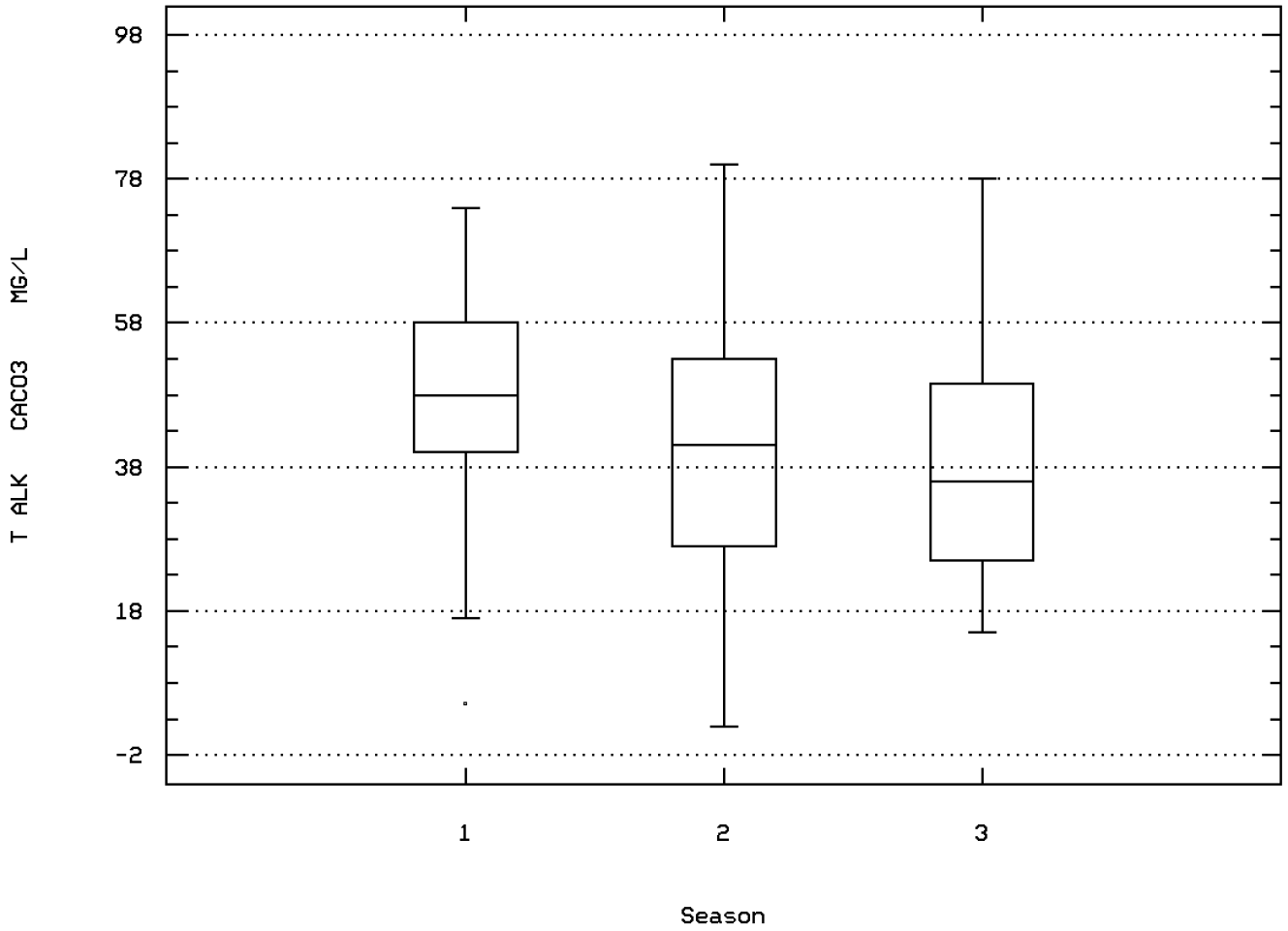
SAVANNAH RIVER - FORT JACKSON



SAVANNAH RIVER - FORT JACKSON

Station: FOPU0089 Parameter Code: 00410

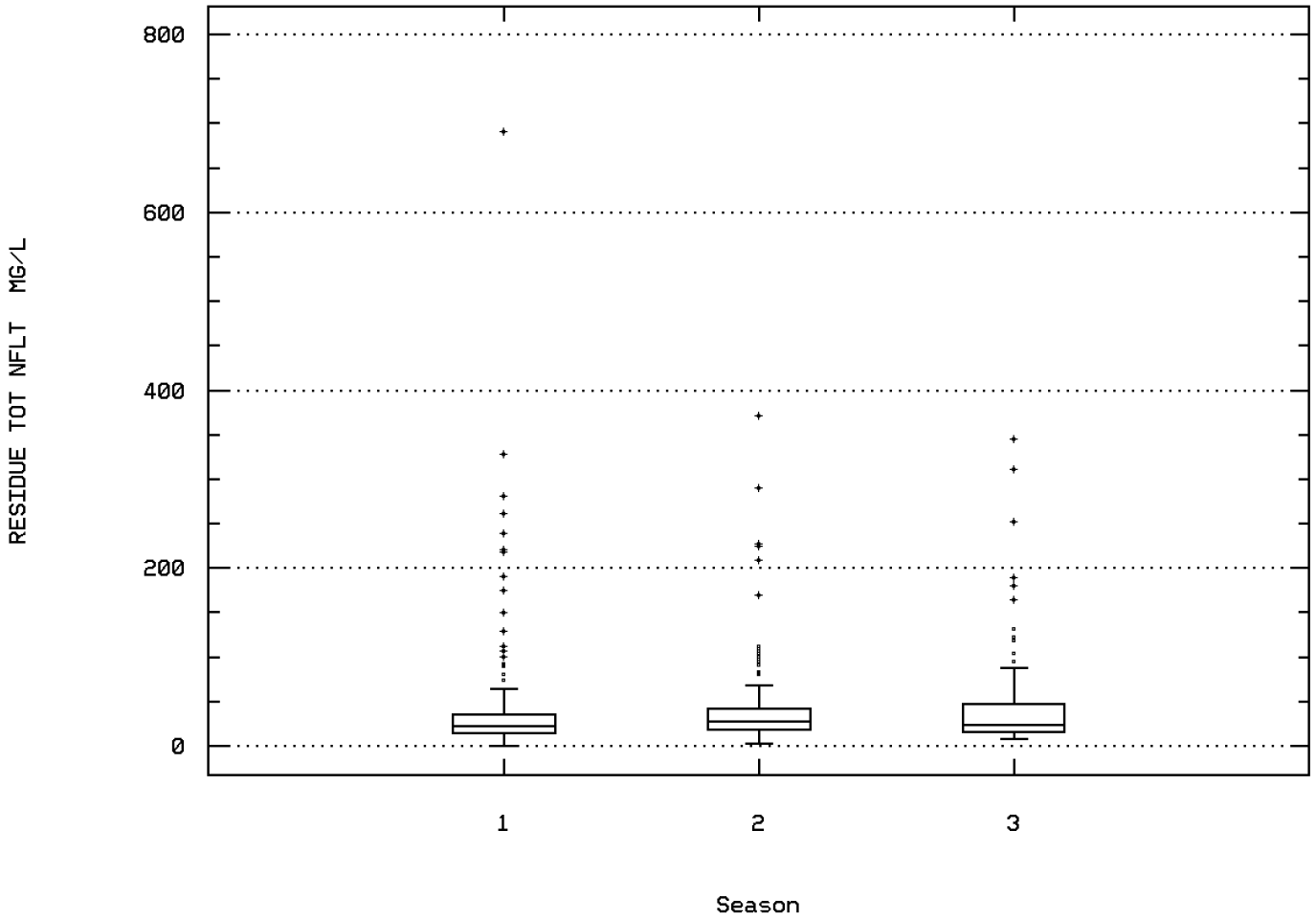
ALKALINITY, TOTAL (MG/L AS CACO3)



SAVANNAH RIVER - FORT JACKSON

Station: FOPU0089 Parameter Code: 00530

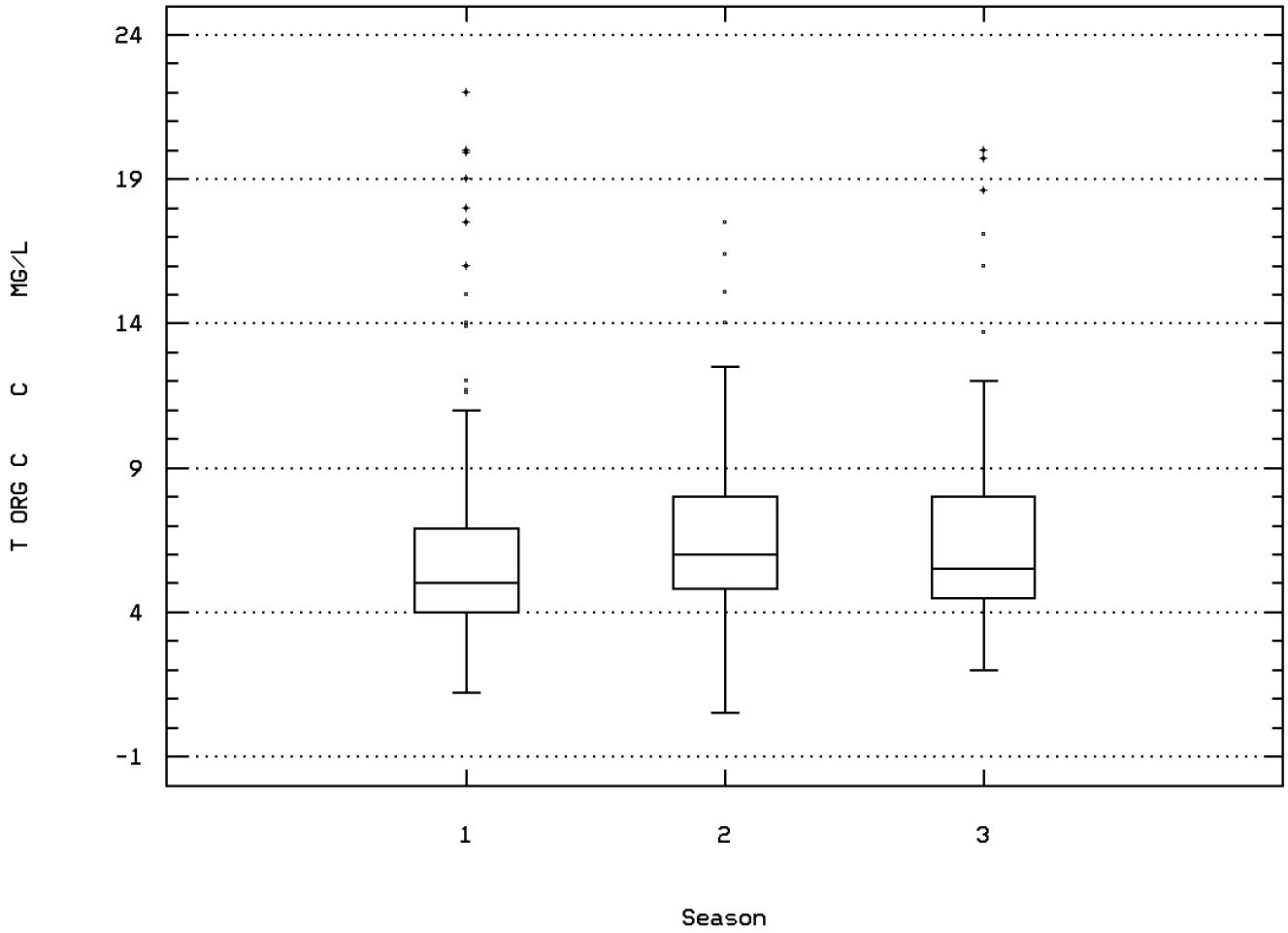
RESIDUE, TOTAL NONFILTRABLE (MG/L)



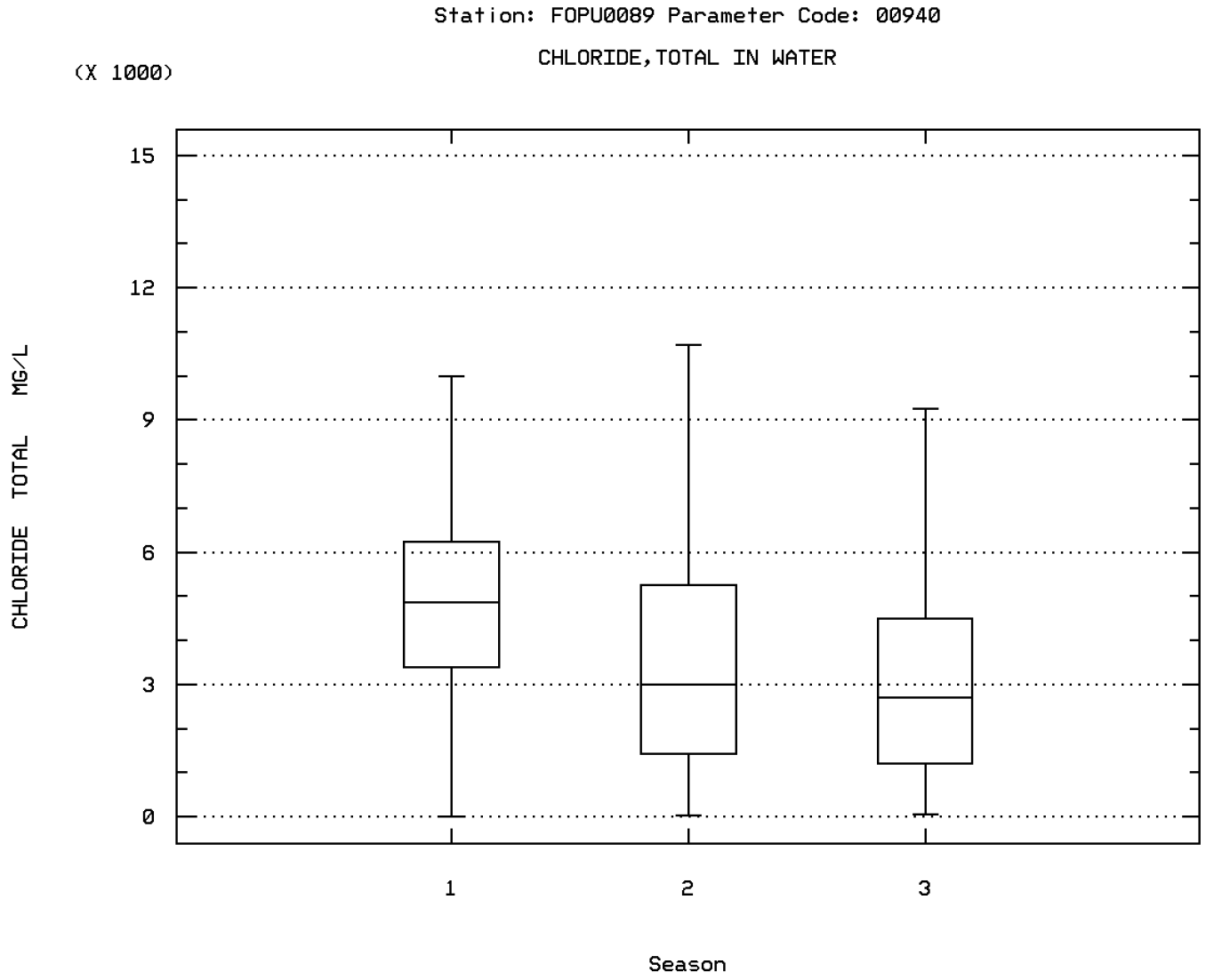
SAVANNAH RIVER - FORT JACKSON

Station: FOPU0089 Parameter Code: 00680

CARBON, TOTAL ORGANIC (MG/L AS C)



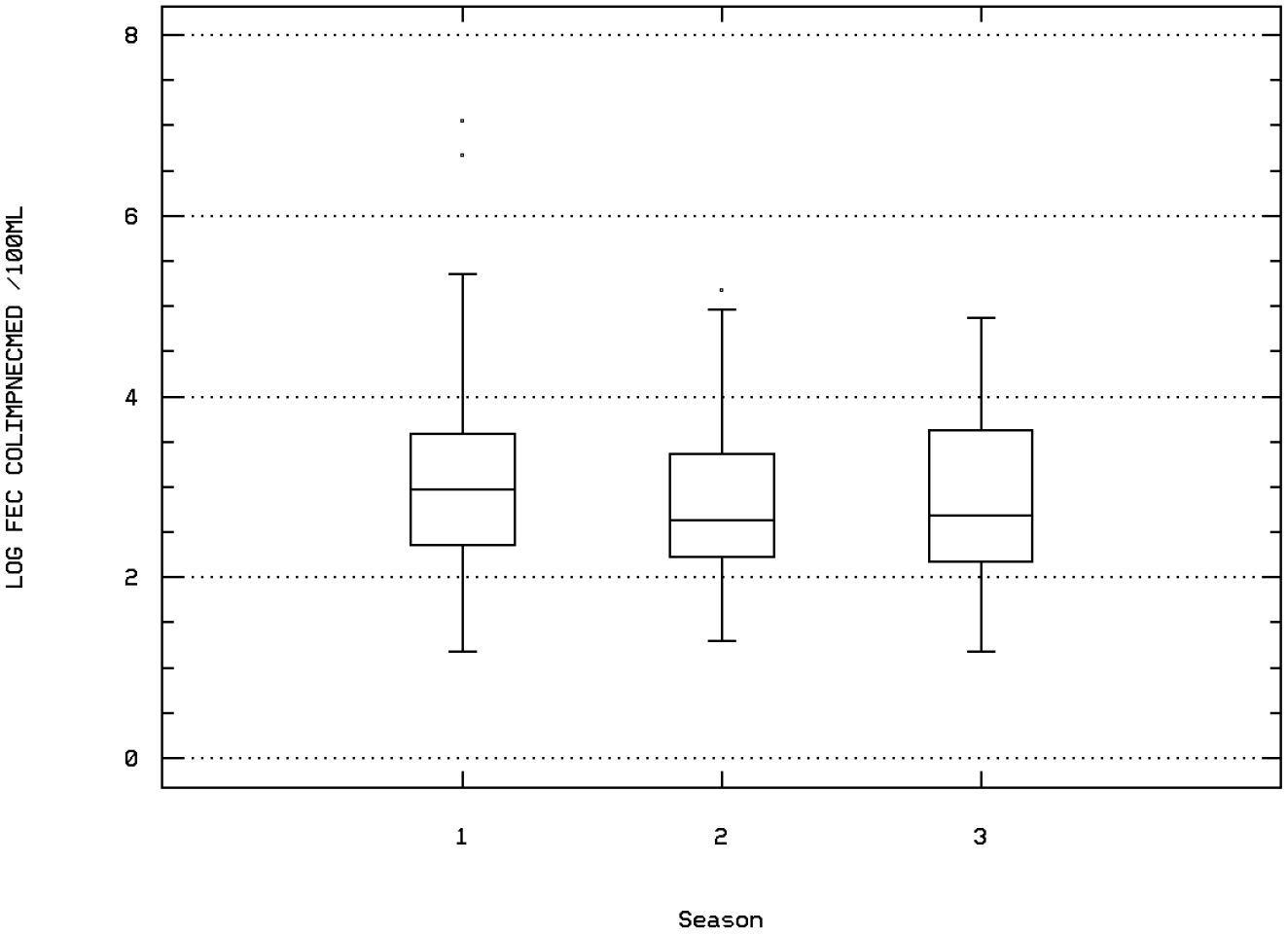
SAVANNAH RIVER - FORT JACKSON



SAVANNAH RIVER - FORT JACKSON

Station: FOPU0089 Parameter Code: 31615

LOG FECAL COLIFORM,MPN,EC MED,44.5C (TU



SAVANNAH RIVER - FORT JACKSON

Station Inventory for Station: FOPU0090

NPS Station ID: FOPU0090
LAT/LON: 32.083892/ -81.046392
Agency: 1113S090
Date Created: / /
Location: SAVANNAH R N OF NAVIGATION CHANL
FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM
STORET Station ID(s): 133020 /SR-3020 /S-11.5
RMI-Indexes: 0313050
Within Park Boundary: No
RMI-Miles: 0011.50
HUC: 03060109
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: SAVANNAH RIVER BASIN
ECO Region:
RF1 Index: 03060109003
RF1 Mile Point: 1.300
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 03060109001601.64
RF3 Mile Point: 1.63
Distance from RF3: 0.05
On/Off RF3:
Description:
NORTH OF NAVIGATION CHANNERL ON ENTER LINE OF BACK RIVER

Parameter Inventory for Station: FOPU0090

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

***** Data for this station locked by controlling agency *****

Station Inventory for Station: FOPU0091

NPS Station ID: FOPU0091
LAT/LON: 32.084448/ -81.017504
Agency: 1113GAWQ
Date Created: / /
Location: SAV. R. AT MO. OF SOUTH CHANNEL
FIPS State/County: 13000 GEORGIA/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 130003 /S-10 /G-051-03
RMI-Indexes: 0313050
Within Park Boundary: No
RMI-Miles: 0010.00
HUC: 03060109
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: SAVANNAH RIVER BASIN
ECO Region:
RF1 Index: 03060109026
RF1 Mile Point: 10.760
Distance from RF1: 6.60
On/Off RF1: ON
RF3 Index: 03050208345900.00
RF3 Mile Point: 1.14
Distance from RF3: 0.06
On/Off RF3:
Description:
STUDIES WERE CONDUCTED BY GEORGIA WATER QUALITY CONTROL BOARD (GWQCB), CORPS OF ENGINEERS, AND CHATHAM COUNTY HEALTH DEPARTMENT.
SAVANNAH RIVER-MAIN CHANNEL AT CENTER LINE FT. JACKSON RANGE OPPOSITE ENTRANCE TO SOUTH CHANNEL.

Parameter Inventory for Station: FOPU0091

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	PH, LAB, STANDARD UNITS SU	07/07/71-12/15/71	6	7.2	7.217	7.4	7.	0.018	0.133	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/07/71-12/15/71	6	7.2	7.199	7.4	7.	0.018	0.134	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/07/71-12/15/71	6	0.063	0.063	0.1	0.04	0.	0.02	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: FOPU0091

			Total	Exceed	Prop.	6/01-11/14			11/15-3/31			4/01-5/31			n/a		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403 PH, LAB	Fresh Chronic	9.	6	0	0.00	4	0	0.00	2	0	0.00						
	Other-Lo Lim.	6.5	6	0	0.00	4	0	0.00	2	0	0.00						

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

Station Inventory for Station: FOPU0092

NPS Station ID: FOPU0092
LAT/LON: 32.084726/ -81.043893
Agency: 21GAEPD
Date Created: 02/04/76
Location: SAVANNAH RIVER - MOUTH OF BACK RIVER
FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 01020001
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03060109
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: SAVANNAH RIVER
ECO Region:
RF1 Index: 03060109026
RF1 Mile Point: 11.370
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 03060204003825.20
RF3 Mile Point: 26.53
Distance from RF3: 0.14
On/Off RF3:
Description:

Parameter Inventory for Station: FOPU0092

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-06/04/74	82	3.	8.195	20.	3.	54.678	7.394	3.	3.	15.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/68-06/04/74	110	20.45	20.668	31.	8.	42.642	6.53	10.51	15.5	26.1	29.09
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/04/72-10/11/72	7	24.	26.286	34.	22.	20.238	4.499	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	07/24/69-07/24/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00065	STAGE, STREAM (FEET)	02/02/72-12/05/72	10	5.05	4.93	8.6	1.2	6.787	2.605	1.32	2.625	7.3	8.47
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/15/68-02/02/72	39	35.	35.667	75.	4.	330.702	18.185	14.	20.	51.	61.
00080	COLOR (PLATINUM-COBALT UNITS)	08/12/68-08/22/68	9	35.	37.222	50.	30.	31.944	5.652	30.	35.	40.	50.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-06/04/74	36	6350.	6753.972	18300.	360.	30851491.456	5554.412	410.4	1200.	11225.	16170.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/68-03/12/74	66	7500.	8966.212	33000.	540.	38135571.585	6175.401	2445.	5212.5	11600.	16325.
00300	OXYGEN, DISSOLVED MG/L	02/15/68-06/04/74	107	4.7	4.731	10.3	0.9	4.054	2.013	1.94	3.3	6.1	7.32
00310	BOD, 5 DAY, 20 DEG C MG/L	03/20/68-06/04/74	108	1.1	1.297	3.7	0.3	0.525	0.725	0.5	0.7	1.8	2.4
00400	PH (STANDARD UNITS)	02/09/71-06/04/74	14	6.9	6.971	8.3	6.5	0.205	0.453	6.5	6.7	7.05	7.85
00400	CONVERTED PH (STANDARD UNITS)	02/09/71-06/04/74	14	6.9	6.838	8.3	6.5	0.225	0.474	6.5	6.7	7.05	7.85
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/09/71-06/04/74	14	0.126	0.145	0.316	0.005	0.008	0.091	0.022	0.091	0.2	0.316
00403	PH, LAB, STANDARD UNITS SU	02/15/68-06/04/74	107	7.	7.004	7.8	6.	0.104	0.323	6.7	6.8	7.2	7.4
00403	CONVERTED PH, LAB, STANDARD UNITS	02/15/68-06/04/74	107	7.	6.871	7.8	6.	0.122	0.349	6.7	6.8	7.2	7.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/15/68-06/04/74	107	0.1	0.134	1.	0.016	0.023	0.152	0.04	0.063	0.158	0.2
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/21/68-06/04/74	100	39.5	41.03	105.	13.	283.767	16.845	20.2	29.25	50.	60.
00480	SALINITY - PARTS PER THOUSAND	02/05/74-06/04/74	11	2.8	4.682	13.5	0.2	19.336	4.397	0.2	1.8	8.2	12.82
00505	RESIDUE, TOTAL VOLATILE (MG/L)	05/21/68-12/16/69	44	28.5	33.761	91.	0.5	483.552	21.99	8.	15.5	48.75	61.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/15/68-06/04/74	103	51.	74.068	762.	6.	9005.986	94.9	19.	27.	86.	159.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/07/74-05/07/74	2	0.1	0.1	0.11	0.09	0.	0.014	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/07/74-05/07/74	2	0.23	0.23	0.26	0.2	0.002	0.042	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/07/74-05/07/74	2	0.16	0.16	0.23	0.09	0.01	0.099	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	12/05/72-06/04/74	21	5.	5.714	10.	4.	2.614	1.617	4.	4.5	6.5	8.6
00940	CHLORIDE,TOTAL IN WATER MG/L	02/15/68-06/04/74	108	2475.	2819.546	12700.	80.	5169326.026	2273.615	304.	1210.	3875.	5600.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/15/68-06/23/70	32	13000.	24637.5	160000.	2000.	1157829516.129	34026.894	4000.	8300.	24000.	51740.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/15/68-06/23/70	32	4.114	4.165	5.204	3.301	0.182	0.427	3.602	3.918	4.38	4.713
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			14609.577								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-06/04/74	80	4300.	7610.625	46000.	210.	79021345.174	8889.395	930.	2000.	9300.	22800.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-06/04/74	80	3.633	3.62	4.663	2.322	0.258	0.508	2.968	3.301	3.968	4.358
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4166.138								

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

EPA Water Quality Criteria Analysis for Station: FOPU0092

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-11/14 Obs	6/01-11/14 Exceed	6/01-11/14 Prop.	11/15-3/31 Obs	11/15-3/31 Exceed	11/15-3/31 Prop.	4/01-5/31 Obs	4/01-5/31 Exceed	4/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	39	12	0.31	14	4	0.29	17	5	0.29	8	3	0.38			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	107	42	0.39	51	38	0.75	36	0	0.00	20	4	0.20			
00400	PH	Fresh Chronic	9.	14	0	0.00	2	0	0.00	8	0	0.00	4	0	0.00			
		Other-Lo Lim.	6.5	14	2	0.14	2	0	0.00	8	2	0.25	4	0	0.00			
00403	PH, LAB	Fresh Chronic	9.	107	0	0.00	51	0	0.00	39	0	0.00	17	0	0.00			
		Other-Lo Lim.	6.5	107	7	0.07	51	3	0.06	39	3	0.08	17	1	0.06			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00							2	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	108	89	0.82	49	42	0.86	39	30	0.77	20	17	0.85			
		Drinking Water	250.	108	99	0.92	49	48	0.98	39	33	0.85	20	18	0.90			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	32	32	1.00	16	16	1.00	10	10	1.00	6	6	1.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	80	80	1.00	40	40	1.00	26	26	1.00	14	14	1.00			

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

Annual Analysis for 1968 - Station FOPU0092

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-06/04/74	29	3.	7.138	15.	3.	33.695	5.805	3.	3.	15.	15.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/68-06/04/74	28	24.25	22.271	31.	9.	56.512	7.517	9.	15.5	29.5	30.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/68-03/12/74	20	7050.	8695.	17500.	1800.	23988394.737	4897.795	2155.	4500.	12625.	16375.
00300	OXYGEN, DISSOLVED MG/L	02/15/68-06/04/74	29	3.9	3.886	7.1	1.2	2.571	1.603	1.5	2.3	4.8	5.8
00310	BOD, 5 DAY, 20 DEG C MG/L	03/20/68-06/04/74	27	1.8	1.87	3.4	0.8	0.451	0.671	0.98	1.3	2.2	2.9
00403	PH, LAB, STANDARD UNITS SU	02/15/68-06/04/74	29	6.9	6.934	7.4	6.1	0.077	0.277	6.7	6.8	7.1	7.3
00403	CONVERTED PH, LAB, STANDARD UNITS	02/15/68-06/04/74	29	6.9	6.835	7.4	6.1	0.087	0.295	6.7	6.8	7.1	7.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/15/68-06/04/74	29	0.126	0.146	0.794	0.04	0.019	0.138	0.05	0.079	0.158	0.2
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/21/68-06/04/74	21	40.	39.952	56.	24.	124.148	11.142	24.4	30.	51.	55.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/15/68-06/04/74	28	62.5	84.	423.	13.	6981.037	83.553	26.8	33.	92.75	207.7
00940	CHLORIDE,TOTAL IN WATER MG/L	02/15/68-06/04/74	27	2400.	2653.704	6500.	500.	2467485.755	1570.823	860.	1700.	3500.	5440.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-06/04/74	18	3450.	9105.	46000.	500.	150856214.706	12282.354	761.	1300.	11750.	26200.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-06/04/74	18	3.496	3.612	4.663	2.699	0.328	0.573	2.878	3.114	4.018	4.408
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4092.065								

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

Annual Analysis for 1969 - Station FOPU0092

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-06/04/74	22	11.5	11.5	20.	3.	75.69	8.7	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/68-06/04/74	22	19.45	18.614	28.7	9.1	46.113	6.791	9.74	10.575	25.575	27.74
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/68-03/12/74	22	9300.	11979.545	33000.	3400.	68553490.26	8279.704	3560.	5900.	14937.5	28400.
00300	OXYGEN, DISSOLVED MG/L	02/15/68-06/04/74	22	4.5	4.782	8.8	1.1	5.594	2.365	1.42	3.175	6.025	8.74
00310	BOD, 5 DAY, 20 DEG C MG/L	03/20/68-06/04/74	21	1.5	1.519	2.8	0.4	0.406	0.637	0.72	1.05	1.8	2.74
00403	PH, LAB, STANDARD UNITS SU	02/15/68-06/04/74	17	7.	6.965	7.8	6.	0.247	0.497	6.	6.8	7.2	7.72
00403	CONVERTED PH, LAB, STANDARD UNITS	02/15/68-06/04/74	17	7.	6.671	7.8	6.	0.339	0.582	6.	6.8	7.2	7.72
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/15/68-06/04/74	17	0.1	0.213	1.	0.016	0.095	0.308	0.019	0.065	0.158	1.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/21/68-06/04/74	22	54.	55.227	105.	13.	482.565	21.967	19.5	45.	62.5	90.5
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/15/68-06/04/74	22	87.	109.273	291.	6.	5221.922	72.263	29.5	59.5	157.25	235.7
00940	CHLORIDE,TOTAL IN WATER MG/L	02/15/68-06/04/74	21	3500.	4423.81	12700.	1100.	10386904.762	3222.872	1400.	2150.	5600.	11520.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-06/04/74	8	5000.	7112.5	20000.	700.	46489821.429	6818.344	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-06/04/74	8	3.602	3.629	4.301	2.845	0.259	0.509	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4253.583								

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

Annual Analysis for 1970 - Station FOPU0092

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-06/04/74	12	3.	3.	3.	3.	0.	0.	3.	3.	3.	3.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/68-06/04/74	11	25.	22.627	29.3	12.2	41.56	6.447	12.62	15.8	28.9	29.26
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/68-03/12/74	12	7625.	7852.5	11900.	2200.	6839984.091	2615.336	3274.	6425.	9700.	11690.
00300	OXYGEN, DISSOLVED MG/L	02/15/68-06/04/74	12	3.35	3.475	7.4	0.9	4.526	2.127	0.93	1.4	5.425	6.98
00310	BOD, 5 DAY, 20 DEG C MG/L	03/20/68-06/04/74	12	1.2	1.358	2.5	0.7	0.303	0.55	0.73	0.9	1.875	2.32
00403	PH, LAB, STANDARD UNITS SU	02/15/68-06/04/74	12	6.9	6.933	7.1	6.8	0.012	0.107	6.8	6.825	7.	7.1
00403	CONVERTED PH, LAB, STANDARD UNITS	02/15/68-06/04/74	12	6.9	6.921	7.1	6.8	0.012	0.108	6.8	6.825	7.	7.1
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/15/68-06/04/74	12	0.126	0.12	0.158	0.079	0.001	0.029	0.079	0.1	0.15	0.158
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/21/68-06/04/74	11	40.	47.091	75.	34.	186.091	13.642	34.2	37.	55.	73.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/15/68-06/04/74	11	41.	128.909	762.	11.	47350.891	217.603	11.8	20.	158.	645.
00940	CHLORIDE,TOTAL IN WATER MG/L	02/15/68-06/04/74	12	2600.	2791.667	4700.	700.	1249924.242	1118.	1000.	2200.	3725.	4580.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-06/04/74	11	5420.	9506.364	24000.	430.	67352725.455	8206.871	644.	2300.	16000.	23400.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-06/04/74	11	3.734	3.756	4.38	2.633	0.29	0.538	2.742	3.362	4.204	4.369
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5705.444								

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

Annual Analysis for 1971 - Station FOPU0092

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-06/04/74	12	3.	3.	3.	3.	0.	0.	3.	3.	3.	3.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/68-06/04/74	12	22.	20.792	29.	9.7	46.299	6.804	10.21	13.35	26.875	28.55
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/68-03/12/74	11	6200.	5413.636	10000.	1700.	8222045.455	2867.411	1740.	2550.	7800.	9660.
00300	OXYGEN, DISSOLVED MG/L	02/15/68-06/04/74	9	5.1	4.667	7.3	2.1	3.47	1.863	2.1	2.85	6.3	7.3
00310	BOD, 5 DAY, 20 DEG C MG/L	03/20/68-06/04/74	12	0.85	0.983	2.1	0.5	0.203	0.451	0.53	0.7	1.225	1.92
00403	PH, LAB, STANDARD UNITS SU	02/15/68-06/04/74	12	6.95	7.025	7.7	6.7	0.084	0.29	6.73	6.8	7.175	7.61
00403	CONVERTED PH, LAB, STANDARD UNITS	02/15/68-06/04/74	12	6.947	6.956	7.7	6.7	0.089	0.299	6.73	6.8	7.175	7.61
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/15/68-06/04/74	12	0.113	0.111	0.2	0.02	0.003	0.054	0.026	0.067	0.158	0.187
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/21/68-06/04/74	11	35.	33.091	42.	19.	57.291	7.569	20.	25.	39.	42.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/15/68-06/04/74	9	32.	50.556	116.	21.	1110.778	33.328	21.	26.5	74.	116.
00940	CHLORIDE,TOTAL IN WATER MG/L	02/15/68-06/04/74	11	1300.	1732.273	4100.	480.	1252036.818	1118.945	519.	700.	2600.	3860.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-06/04/74	12	3300.	4365.833	9300.	430.	12610790.152	3551.167	580.	1072.5	8850.	9300.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-06/04/74	12	3.498	3.46	3.968	2.633	0.207	0.455	2.734	3.02	3.945	3.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2882.609								

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

Annual Analysis for 1972 - Station FOPU0092

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/68-06/04/74	12	20.95	20.633	30.5	12.5	33.09	5.752	12.86	15.65	25.5	29.45
00300	OXYGEN, DISSOLVED MG/L	02/15/68-06/04/74	12	5.9	5.633	7.7	3.5	1.901	1.379	3.56	4.125	6.7	7.52
00310	BOD, 5 DAY, 20 DEG C MG/L	03/20/68-06/04/74	12	0.9	0.925	1.6	0.4	0.166	0.407	0.4	0.475	1.325	1.54
00403	PH, LAB, STANDARD UNITS SU	02/15/68-06/04/74	12	6.95	6.992	7.5	6.7	0.055	0.235	6.7	6.825	7.1	7.44
00403	CONVERTED PH, LAB, STANDARD UNITS	02/15/68-06/04/74	12	6.947	6.941	7.5	6.7	0.058	0.241	6.7	6.825	7.1	7.44
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/15/68-06/04/74	12	0.113	0.115	0.2	0.032	0.003	0.053	0.037	0.079	0.15	0.2
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/21/68-06/04/74	10	34.	34.5	46.	19.	80.056	8.947	19.6	28.	42.75	45.9
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/15/68-06/04/74	11	26.	25.727	40.	8.	93.018	9.645	9.	20.	34.	38.8
00940	CHLORIDE,TOTAL IN WATER MG/L	02/15/68-06/04/74	12	2425.	2183.333	4100.	100.	1939242.424	1392.567	130.	537.5	3250.	3905.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-06/04/74	12	2300.	3489.167	9300.	210.	9212044.697	3035.135	276.	1272.5	4300.	9300.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-06/04/74	12	3.362	3.347	3.968	2.322	0.245	0.495	2.416	3.067	3.633	3.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2224.184								

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

Annual Analysis for 1973 - Station FOPU0092

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/68-06/04/74	12	19.25	20.333	28.	8.	40.697	6.379	9.5	16.375	27.125	27.85
00300	OXYGEN, DISSOLVED MG/L	02/15/68-06/04/74	12	6.15	6.175	10.3	3.7	3.844	1.961	3.76	4.45	7.5	9.73
00310	BOD, 5 DAY, 20 DEG C MG/L	03/20/68-06/04/74	12	0.7	0.917	3.7	0.3	0.803	0.896	0.33	0.6	0.8	2.89
00403	PH, LAB, STANDARD UNITS SU	02/15/68-06/04/74	12	6.95	6.95	7.6	6.5	0.094	0.306	6.5	6.8	7.075	7.51
00403	CONVERTED PH, LAB, STANDARD UNITS	02/15/68-06/04/74	12	6.947	6.86	7.6	6.5	0.102	0.32	6.5	6.8	7.075	7.51
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/15/68-06/04/74	12	0.113	0.138	0.316	0.025	0.008	0.092	0.033	0.085	0.158	0.316
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/21/68-06/04/74	12	26.5	31.75	56.	15.	199.659	14.13	16.2	20.	45.75	54.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/15/68-06/04/74	12	34.	37.833	70.	19.	285.788	16.905	19.3	21.	51.25	67.
00940	CHLORIDE,TOTAL IN WATER MG/L	02/15/68-06/04/74	12	1055.	1991.	6300.	80.	4984379.273	2232.572	89.6	140.	3625.	6015.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-06/04/74	12	6800.	10077.5	43000.	930.	128784802.273	11348.339	1341.	4000.	13575.	34600.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-06/04/74	12	3.801	3.809	4.633	2.968	0.188	0.434	3.086	3.602	4.124	4.496
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6447.604								

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

Annual Analysis for 1974 - Station FOPU0092

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-06/04/74	7	20.	20.	20.	20.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/68-06/04/74	13	19.5	19.262	25.2	13.5	15.244	3.904	13.9	15.75	23.3	24.96
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/68-03/12/74	1	540.	540.	540.	540.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	02/15/68-06/04/74	11	6.1	5.718	7.5	3.5	1.428	1.195	3.58	4.7	6.4	7.32
00310	BOD, 5 DAY, 20 DEG C MG/L	03/20/68-06/04/74	12	0.65	0.625	0.8	0.5	0.015	0.122	0.5	0.5	0.7	0.8
00403	PH, LAB, STANDARD UNITS SU	02/15/68-06/04/74	13	7.3	7.315	7.8	7.	0.06	0.244	7.	7.1	7.4	7.76
00403	CONVERTED PH, LAB, STANDARD UNITS	02/15/68-06/04/74	13	7.3	7.257	7.8	7.	0.063	0.252	7.	7.1	7.4	7.76
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/15/68-06/04/74	13	0.05	0.055	0.1	0.016	0.001	0.028	0.017	0.04	0.082	0.1
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/21/68-06/04/74	13	28.	33.923	64.	18.	204.41	14.297	18.	24.	46.	59.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/15/68-06/04/74	10	23.	26.3	50.	9.	180.9	13.45	9.3	15.	39.25	49.3
00940	CHLORIDE,TOTAL IN WATER MG/L	02/15/68-06/04/74	13	1460.	2870.308	8700.	142.	8155384.731	2855.763	142.	827.5	5375.	7860.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-06/04/74	7	4300.	9757.143	23000.	2300.	84219523.81	9177.12	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-06/04/74	7	3.633	3.831	4.362	3.362	0.154	0.392	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6779.194								

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

Seasonal Analysis for Season #1: 6/01 to 11/14 - Station FOPU0092

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-06/04/74	40	3.	6.75	20.	3.	44.808	6.694	3.	3.	12.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/68-06/04/74	52	26.15	26.012	31.	17.5	11.468	3.386	20.03	24.525	28.85	30.
00300	OXYGEN, DISSOLVED MG/L	02/15/68-06/04/74	51	3.5	3.294	6.4	0.9	2.101	1.449	1.3	2.1	4.1	5.68
00310	BOD, 5 DAY, 20 DEG C MG/L	03/20/68-06/04/74	52	1.2	1.348	3.4	0.3	0.574	0.758	0.5	0.725	1.8	2.47
00403	PH, LAB, STANDARD UNITS SU	02/15/68-06/04/74	51	6.9	6.99	7.8	6.	0.12	0.346	6.7	6.8	7.1	7.4
00403	CONVERTED PH, LAB, STANDARD UNITS	02/15/68-06/04/74	51	6.9	6.836	7.8	6.	0.144	0.379	6.7	6.8	7.1	7.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/15/68-06/04/74	51	0.126	0.146	1.	0.016	0.034	0.184	0.04	0.079	0.158	0.2
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/21/68-06/04/74	50	42.	42.26	80.	22.	144.727	12.03	26.1	32.75	50.5	57.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/15/68-06/04/74	48	50.	71.167	762.	8.	12493.674	111.775	13.	26.25	66.	130.4
00940	CHLORIDE,TOTAL IN WATER MG/L	02/15/68-06/04/74	49	2570.	2918.776	7200.	200.	3444544.303	1855.948	700.	1300.	4050.	5600.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-06/04/74	40	4300.	8832.25	46000.	210.	123848920.449	11128.743	480.	2000.	9300.	24000.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-06/04/74	40	3.633	3.617	4.663	2.322	0.339	0.582	2.667	3.301	3.968	4.38
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4142.422								

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

Seasonal Analysis for Season #2: 11/15 to 3/31 - Station FOPU0092

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-06/04/74	28	3.	9.571	20.	3.	62.18	7.885	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/68-06/04/74	38	13.8	13.368	20.1	8.	10.756	3.28	9.	10.45	15.575	17.7
00300	OXYGEN, DISSOLVED MG/L	02/15/68-06/04/74	36	6.4	6.611	10.3	4.4	1.927	1.388	4.67	5.725	7.475	8.66
00310	BOD, 5 DAY, 20 DEG C MG/L	03/20/68-06/04/74	36	1.	1.297	3.7	0.4	0.587	0.766	0.57	0.725	1.8	2.53
00403	PH, LAB, STANDARD UNITS SU	02/15/68-06/04/74	39	7.	6.99	7.8	6.1	0.084	0.29	6.7	6.9	7.1	7.3
00403	CONVERTED PH, LAB, STANDARD UNITS	02/15/68-06/04/74	39	7.	6.885	7.8	6.1	0.095	0.309	6.7	6.9	7.1	7.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/15/68-06/04/74	39	0.1	0.13	0.794	0.016	0.016	0.126	0.05	0.079	0.126	0.2
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/21/68-06/04/74	33	35.	40.061	105.	13.	500.809	22.379	16.2	19.5	58.	73.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/15/68-06/04/74	35	54.	83.029	423.	6.	7567.44	86.991	19.6	23.	115.	213.6
00940	CHLORIDE,TOTAL IN WATER MG/L	02/15/68-06/04/74	39	2150.	2768.487	12600.	100.	6514079.414	2552.269	142.	900.	4100.	5600.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-06/04/74	26	4100.	5551.538	23000.	700.	27561453.538	5249.9	888.	2000.	9200.	13600.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-06/04/74	26	3.612	3.573	4.362	2.845	0.163	0.404	2.947	3.301	3.964	4.133
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3738.98								

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

Seasonal Analysis for Season #3: 4/01 to 5/31 - Station FOPU0092

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-06/04/74	14	3.	9.571	20.	3.	64.571	8.036	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/68-06/04/74	20	20.25	20.645	25.2	16.6	8.189	2.862	16.62	18.	23.35	24.85
00300	OXYGEN, DISSOLVED MG/L	02/15/68-06/04/74	20	4.95	5.01	6.6	2.6	1.216	1.103	3.09	4.4	5.975	6.49
00310	BOD, 5 DAY, 20 DEG C MG/L	03/20/68-06/04/74	20	1.05	1.165	2.4	0.4	0.31	0.557	0.5	0.7	1.6	1.89
00403	PH, LAB, STANDARD UNITS SU	02/15/68-06/04/74	17	7.	7.076	7.7	6.4	0.109	0.331	6.64	6.9	7.35	7.54
00403	CONVERTED PH, LAB, STANDARD UNITS	02/15/68-06/04/74	17	7.	6.959	7.7	6.4	0.124	0.352	6.64	6.9	7.35	7.54
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/15/68-06/04/74	17	0.1	0.11	0.398	0.02	0.008	0.091	0.029	0.045	0.126	0.239
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/21/68-06/04/74	17	36.	39.294	95.	20.	301.096	17.352	21.6	29.	45.	63.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/15/68-06/04/74	20	55.	65.35	291.	15.	3651.608	60.429	16.5	28.	84.5	110.3
00940	CHLORIDE,TOTAL IN WATER MG/L	02/15/68-06/04/74	20	2200.	2676.	12700.	80.	7328867.368	2707.188	234.	1025.	3162.5	5130.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-06/04/74	14	7750.	7944.286	23000.	500.	42465610.989	6516.564	900.	2225.	10725.	19500.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-06/04/74	14	3.889	3.714	4.362	2.699	0.226	0.475	2.906	3.347	4.02	4.283
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5176.866								

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

Station Inventory for Station: FOPU0093

NPS Station ID: FOPU0093
LAT/LON: 32.084892/ -81.000005
Agency: 32PHLANS
Date Created: 04/04/92
Location: SAVANNAH RIVER _7L
FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 7L
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03060109
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: SAVANNAH RIVER
ECO Region:
RF1 Index: 03060109
RF1 Mile Point: 0.000
Distance from RF1: 2.30
On/Off RF1:
RF3 Index: 03050208003107.72
RF3 Mile Point: 9.12
Distance from RF3: 0.15
On/Off RF3:
Description:

Parameter Inventory for Station: FOPU0093

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

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

Station Inventory for Station: FOPU0094

NPS Station ID: FOPU0094
LAT/LON: 32.084892/ -81.000005
Agency: 32PHLANS
Date Created: 04/04/92
Location: SAVANNAH RIVER 7R
FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 7R
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03060109
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: SAVANNAH RIVER
ECO Region:
RF1 Index: 03060109
RF1 Mile Point: 0.000
Distance from RF1: 4.50
On/Off RF1:
RF3 Index: 03060109064200.00
RF3 Mile Point: 6.07
Distance from RF3: 0.06
On/Off RF3:
Description:

Parameter Inventory for Station: FOPU0094

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

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

Station Inventory for Station: FOPU0095

NPS Station ID: FOPU0095
LAT/LON: 32.085004/ -81.043060
Agency: 1113GAWQ
Date Created: / /
Location: SAV. R. AT MOUTH OF BACK RIVER
FIPS State/County: 13000 GEORGIA/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 130005 /S-11.5 /G-051-05
RMI-Indexes: 0313050
Within Park Boundary: No
RMI-Miles: 0011.50
HUC: 03060109
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: SAVANNAH RIVER BASIN
ECO Region:
RF1 Index: 03060109026
RF1 Mile Point: 11.270
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 03060109001601.64
RF3 Mile Point: 1.63
Distance from RF3: 0.08
On/Off RF3:
Description:
STUDIES WERE CONDUCTED BY GEORGIA WATER QUALITY CONTROL BOARD (GWQCB), CORPS OF ENGINEERS, AND CHATHAM COUNTY HEALTH DEPARTMENT.
SAVANNAH RIVER-MAIN CHANNEL AT NORTH OF NAVIGATION CHANNEL ON CENTER LINE OF BACK RIVER.

Parameter Inventory for Station: FOPU0095

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/07/71-12/15/71	5	10.	12.	15.	10.	7.5	2.739	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/02/71-12/15/71	2	19.25	19.25	22.5	16.	21.125	4.596	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/08/71-11/02/71	5	28.5	30.5	34.	27.5	10.375	3.221	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/07/71-12/15/71	6	10350.	11250.	21000.	2500.	42451000.	6515.443	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/08/71-12/15/71	3	2.5	3.2	4.8	2.3	1.93	1.389	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	07/07/71-12/15/71	5	1.	1.12	2.	0.7	0.257	0.507	**	**	**	**
00400	PH (STANDARD UNITS)	07/07/71-12/15/71	6	6.95	6.95	7.5	6.6	0.099	0.315	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/07/71-12/15/71	6	6.947	6.871	7.5	6.6	0.107	0.326	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/07/71-12/15/71	6	0.113	0.135	0.251	0.032	0.006	0.079	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/07/71-12/15/71	6	7.3	7.183	7.4	6.8	0.07	0.264	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/07/71-12/15/71	6	7.3	7.111	7.4	6.8	0.076	0.275	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/07/71-12/15/71	6	0.05	0.077	0.158	0.04	0.003	0.051	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/07/71-12/15/71	4	44.5	47.25	59.	41.	68.25	8.261	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/07/71-12/15/71	3	140.	161.333	268.	76.	9557.333	97.762	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/08/71-09/08/71	2	7.5	7.5	8.	7.	0.5	0.707	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/08/71-12/15/71	4	4500.	5025.	7500.	3600.	3229166.667	1796.988	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: FOPU0095

			Total	Exceed	Prop.	6/01-11/14			11/15-3/31			4/01-5/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3	2	0.67	2	2	1.00	1	0	0.00						
00400	PH	Fresh Chronic	9.	6	0	0.00	5	0	0.00	1	0	0.00						
		Other-Lo Lim.	6.5	6	0	0.00	5	0	0.00	1	0	0.00						
00403	PH, LAB	Fresh Chronic	9.	6	0	0.00	4	0	0.00	2	0	0.00						
		Other-Lo Lim.	6.5	6	0	0.00	4	0	0.00	2	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	4	4	1.00	3	3	1.00	1	1	1.00						
		Drinking Water	250.	4	4	1.00	3	3	1.00	1	1	1.00						

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

Station Inventory for Station: FOPU0096

NPS Station ID: FOPU0096
LAT/LON: 32.086670/ -81.028615
Agency: 21GAEPD
Date Created: / /
Location: SAVANNAH RIVER - AMERICAN CYANAMID CO.
FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 01022001
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03060109
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: SAVANNAH RIVER
ECO Region:
RF1 Index: 03060109026
RF1 Mile Point: 11.270
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 03060109001602.21
RF3 Mile Point: 2.21
Distance from RF3: 0.05
On/Off RF3:
Description:

Parameter Inventory for Station: FOPU0096

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

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

Station Inventory for Station: FOPU0097

NPS Station ID: FOPU0097
LAT/LON: 32.087838/ -81.061671
Agency: 1114PEST
Date Created: 11/09/91
Location: BACK RIVER 1/4 MILE SOUTH OF TIDE GATE
FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 135050K /B-3-SRG
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03060109
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: SAVANNAH RIVER
ECO Region:
RF1 Index: 03060109
RF1 Mile Point: 0.000
Distance from RF1: 5.00
On/Off RF1:
RF3 Index: 03060109090700.00
RF3 Mile Point: 0.00
Distance from RF3: 0.17
On/Off RF3:
Description:
SEE STATION 135050A FOR NARRATIVE INFORMATION.

Parameter Inventory for Station: FOPU0097

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

******** No Parameter Data at this Station Suitable for Statistical Analysis ********

Station Inventory for Station: FOPU0098

NPS Station ID: FOPU0098
LAT/LON: 32.088337/ -80.933060
Agency: 21SC60WQ
Date Created: 01/25/92
Location: WRIGHT RIVER AT FIELDS CUT
FIPS State/County: 45053 SOUTH CAROLINA/JASPER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 19-22
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03050208
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: SAVANNAH
ECO Region:
RF1 Index: 03050208
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 03050208068900.00
RF3 Mile Point: 0.67
Distance from RF3: 0.27
On/Off RF3:
Description:

Parameter Inventory for Station: FOPU0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/03/92-12/02/98	66	22.	21.485	32.	10.	44.964	6.706	11.	16.	28.	30.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/03/92-12/02/98	66	24.5	21.921	35.	2.	88.428	9.404	6.7	15.	30.	32.
00480	SALINITY - PARTS PER THOUSAND	03/03/92-12/02/98	66	20.5	19.591	30.	2.	36.215	6.018	10.7	15.	24.	26.3
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/03/92-12/02/98	66	8.	14.515	110.	1.	426.715	20.657	1.	4.25	18.25	33.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/03/92-12/02/98	66	0.903	0.868	2.041	0.	0.276	0.525	0.	0.599	1.258	1.519
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.386								

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

EPA Water Quality Criteria Analysis for Station: FOPU0098

				Total	Exceed	Prop.	6/01-11/14			11/15-3/31			4/01-5/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	66	0	0.00	29	0	0.00	24	0	0.00	13	0	0.00			

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

Annual Analysis for 1992 - Station FOPU0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/03/92-12/02/98	7	18.	19.286	32.	12.	38.905	6.237	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/03/92-12/02/98	7	22.	23.857	34.	17.	35.143	5.928	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	03/03/92-12/02/98	7	19.	17.714	25.	10.	26.238	5.122	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/03/92-12/02/98	7	8.	14.429	33.	7.	101.952	10.097	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/03/92-12/02/98	7	0.903	1.079	1.519	0.845	0.076	0.275	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.994								

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

Annual Analysis for 1993 - Station FOPU0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/03/92-12/02/98	6	15.	18.	30.	10.	74.8	8.649	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/03/92-12/02/98	6	24.	21.	30.	7.	91.6	9.571	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	03/03/92-12/02/98	6	20.	18.667	30.	6.	94.267	9.709	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/03/92-12/02/98	6	5.	7.167	23.	1.	64.967	8.06	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/03/92-12/02/98	6	0.699	0.651	1.362	0.	0.219	0.468	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.477								

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

Annual Analysis for 1994 - Station FOPU0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/03/92-12/02/98	9	23.	23.111	31.	11.	41.111	6.412	11.	19.	28.5	31.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/03/92-12/02/98	9	26.	24.444	35.	7.	104.028	10.199	7.	16.5	31.5	35.
00480	SALINITY - PARTS PER THOUSAND	03/03/92-12/02/98	9	22.	18.667	22.	10.	26.	5.099	10.	13.	22.	22.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/03/92-12/02/98	9	13.	14.667	33.	2.	95.75	9.785	2.	6.5	22.5	33.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/03/92-12/02/98	9	1.114	1.052	1.519	0.301	0.14	0.374	0.301	0.801	1.352	1.519
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.271								

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

Annual Analysis for 1995 - Station FOPU0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/03/92-12/02/98	8	22.5	22.375	32.	10.	50.554	7.11	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/03/92-12/02/98	8	24.	22.	34.	6.	86.857	9.32	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	03/03/92-12/02/98	8	19.	18.5	24.	13.	13.714	3.703	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/03/92-12/02/98	8	20.	33.5	110.	1.	1392.857	37.321	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/03/92-12/02/98	8	1.296	1.239	2.041	0.	0.389	0.623	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			17.331								

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

Annual Analysis for 1996 - Station FOPU0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/03/92-12/02/98	12	21.5	20.75	29.	10.	48.023	6.93	10.9	14.	27.5	28.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/03/92-12/02/98	12	25.	21.667	32.	2.	85.333	9.238	5.	15.25	29.75	31.7
00480	SALINITY - PARTS PER THOUSAND	03/03/92-12/02/98	12	22.	21.5	28.	11.	28.636	5.351	11.6	20.	26.	28.

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

Annual Analysis for 1996 - Station FOPU0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/03/92-12/02/98	12	5.	16.167	110.	1.	949.424	30.813	1.	2.	11.	86.9
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/03/92-12/02/98	12	0.699	0.77	2.041	0.	0.362	0.602	0.	0.301	1.041	1.885
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.894								

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

Annual Analysis for 1997 - Station FOPU0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/03/92-12/02/98	12	23.	22.75	32.	10.	43.295	6.58	11.2	18.75	28.75	31.4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/03/92-12/02/98	12	22.5	19.833	33.	3.	131.424	11.464	3.	7.75	31.75	32.7
00480	SALINITY - PARTS PER THOUSAND	03/03/92-12/02/98	12	23.5	21.167	28.	2.	60.879	7.802	5.	17.	26.75	28.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/03/92-12/02/98	12	5.	6.583	23.	1.	47.538	6.895	1.	1.25	8.	21.2
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/03/92-12/02/98	12	0.699	0.598	1.362	0.	0.225	0.474	0.	0.075	0.903	1.322
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.963								

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

Annual Analysis for 1998 - Station FOPU0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/03/92-12/02/98	12	24.	22.167	31.	11.	41.804	6.466	11.9	15.925	27.75	30.4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/03/92-12/02/98	12	25.4	21.65	34.	4.	101.07	10.053	4.9	14.25	29.75	33.1
00480	SALINITY - PARTS PER THOUSAND	03/03/92-12/02/98	12	20.5	19.083	26.	8.	28.447	5.334	9.2	15.25	23.5	25.4
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/03/92-12/02/98	12	7.	11.75	33.	1.	111.841	10.575	1.	2.75	21.5	30.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/03/92-12/02/98	12	0.827	0.838	1.519	0.	0.28	0.529	0.	0.401	1.329	1.471
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.885								

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

Seasonal Analysis for Season #1: 6/01 to 11/14 - Station FOPU0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/03/92-12/02/98	29	28.	27.103	32.	18.	14.025	3.745	21.	24.5	29.5	32.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/03/92-12/02/98	29	30.	28.517	35.	6.	32.187	5.673	22.	26.	32.	34.
00480	SALINITY - PARTS PER THOUSAND	03/03/92-12/02/98	29	22.	21.862	28.	10.	17.695	4.206	16.	20.	25.5	26.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/03/92-12/02/98	29	5.	8.138	33.	1.	82.052	9.058	1.	1.	12.	23.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/03/92-12/02/98	29	0.699	0.634	1.519	0.	0.269	0.519	0.	0.	1.078	1.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.31								

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

Seasonal Analysis for Season #2: 11/15 to 3/31 - Station FOPU0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/03/92-12/02/98	24	14.	14.458	22.	10.	13.397	3.66	10.	11.	17.75	20.15
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/03/92-12/02/98	24	13.5	12.95	29.	2.	53.851	7.338	3.	7.	17.	23.9
00480	SALINITY - PARTS PER THOUSAND	03/03/92-12/02/98	24	20.	19.208	30.	6.	39.216	6.262	11.5	13.5	22.	28.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/03/92-12/02/98	24	10.	14.833	70.	2.	213.971	14.628	3.5	5.25	17.	33.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/03/92-12/02/98	24	0.998	1.018	1.845	0.301	0.139	0.373	0.5	0.719	1.23	1.519
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.415								

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

Seasonal Analysis for Season #3: 4/01 to 5/31 - Station FOPU0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/03/92-12/02/98	13	22.	21.923	26.	18.	9.91	3.148	18.	18.	24.5	26.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/03/92-12/02/98	13	25.	23.769	31.	12.	30.859	5.555	13.6	20.	28.	30.6
00480	SALINITY - PARTS PER THOUSAND	03/03/92-12/02/98	13	15.	15.231	25.	2.	46.359	6.809	4.4	10.	21.	25.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/03/92-12/02/98	13	13.	28.154	110.	1.	1409.808	37.547	1.4	6.5	28.	110.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/03/92-12/02/98	13	1.114	1.115	2.041	0.	0.356	0.596	0.12	0.801	1.44	2.041
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			13.021								

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

Station Inventory for Station: FOPU0099

NPS Station ID: FOPU0099
LAT/LON: 32.090003/ -81.019726
Agency: 1113S090
Date Created: / /
Location: SAVANNAH R OPP ENTR TO S CHANNEL
FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM
STORET Station ID(s): 133010 /SR-3010 /SRS-10 S-10
RMI-Indexes: 0313010
Within Park Boundary: No
RMI-Miles: 0010.00
HUC: 03060109
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: SAVANNAH RIVER BASIN
ECO Region:
RF1 Index: 03060109002
RF1 Mile Point: 10.560
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 03050208347400.00
RF3 Mile Point: 0.28
Distance from RF3: 0.20
On/Off RF3:
Description:
CENTER LINE FT JACKSON RANGE OPPOSITE ENTRANCE TO SOUTH CHANNEL

Parameter Inventory for Station: FOPU0099

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

***** Data for this station locked by controlling agency *****

Station Inventory for Station: FOPU0100

NPS Station ID: FOPU0100 LAT/LON: 32.092781/ -80.905560 Agency: 21SC60WQ Date Created: / /
Location: COOPER RIVER AT MARKER #41 - DAUFUSKIE ISLAND FIPS State/County: 45013 SOUTH CAROLINA/BEAUFORT
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): 19-04
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03050208 Depth of Water: 0 Aquifer:
Major Basin: SOUTHEAST Elevation: 0 Water Body Id:
Minor Basin: SAVANNAH-SALKEHATCHIE ECO Region:
RF1 Index: 03050208 RF1 Mile Point: 0.000 Distance from RF1: 18.70 On/Off RF1:
RF3 Index: 03050208356312.20 RF3 Mile Point: 12.20 Distance from RF3: 0.08 On/Off RF3:
Description:
SHELLFISH DIVISION S C DEPT OF HEALTH AND ENVIRONMENTAL CONTROL MARKER #41 DAUFUSKI ISLAND

Parameter Inventory for Station: FOPU0100

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	154	21.	20.614	32.	4.	44.467	6.668	11.	16.	27.	29.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	154	23.	21.453	37.	1.	70.871	8.418	8.	16.	28.	31.
00480	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	156	23.	22.359	32.	10.	22.39	4.732	14.85	20.	26.	28.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/08/66-04/20/86	74	79.	170.703	1600.	1.	65692.013	256.305	5.	21.5	240.	445.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/08/66-04/20/86	74	1.898	1.799	3.204	0.	0.503	0.71	0.699	1.329	2.38	2.638
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			62.904								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	149	8.	20.725	240.	1.	1298.62	36.036	1.	4.	17.	70.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	149	0.903	0.926	2.38	0.	0.332	0.576	0.	0.602	1.23	1.845
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.44								

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

EPA Water Quality Criteria Analysis for Station: FOPU0100

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-11/14 Obs	6/01-11/14 Exceed	6/01-11/14 Prop.	11/15-3/31 Obs	11/15-3/31 Exceed	11/15-3/31 Prop.	4/01-5/31 Obs	4/01-5/31 Exceed	4/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	74	1	0.01	26	0	0.00	26	0	0.00	22	1	0.05			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	149	2	0.01	57	0	0.00	59	1	0.02	33	1	0.03			

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

Annual Analysis for 1966 - Station FOPU0100

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	4	27.5	25.	29.	16.	36.667	6.055	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	4	30.5	26.	32.	11.	100.667	10.033	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	4	30.	30.	32.	28.	3.333	1.826	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	1	11.	11.	11.	11.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	1	1.041	1.041	1.041	1.041	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.								

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

Annual Analysis for 1967 - Station FOPU0100

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	5	23.	20.8	24.	11.	30.7	5.541	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	5	23.	21.2	27.	8.	58.7	7.662	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	5	22.	23.6	28.	22.	6.8	2.608	**	**	**	**

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

Annual Analysis for 1972 - Station FOPU0100

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	9	25.	26.111	29.	24.	3.611	1.9	24.	24.5	28.	29.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	9	27.	27.111	29.	25.	2.111	1.453	25.	26.	28.5	29.
00480	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	9	24.	24.111	26.	22.	2.861	1.691	22.	22.5	26.	26.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	9	23.	43.444	170.	11.	2563.528	50.631	11.	17.	51.5	170.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	9	1.362	1.467	2.23	1.041	0.136	0.369	1.041	1.23	1.682	2.23
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			29.339								

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

Annual Analysis for 1974 - Station FOPU0100

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	1	24.	24.	24.	24.	0.	0.	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	1	49.	49.	49.	49.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	1	1.69	1.69	1.69	1.69	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			49.								

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

Annual Analysis for 1975 - Station FOPU0100

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	12	16.5	16.917	25.	11.	14.447	3.801	11.6	15.25	17.	24.4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	12	21.5	20.5	32.	9.	32.091	5.665	11.1	16.5	23.5	29.9
00480	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	12	18.5	17.25	23.	11.	18.568	4.309	11.	12.75	20.75	22.7
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	12	70.	57.417	79.	17.	617.902	24.858	18.5	33.	79.	79.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	12	1.845	1.707	1.898	1.23	0.059	0.243	1.264	1.519	1.898	1.898
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			50.879								

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

Annual Analysis for 1977 - Station FOPU0100

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	5	25.	19.6	30.	4.	140.3	11.845	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	5	29.	21.6	37.	1.	224.8	14.993	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	5	21.	23.6	31.	20.	20.8	4.561	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	5	14.	26.4	70.	7.	703.3	26.52	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	5	1.146	1.252	1.845	0.845	0.18	0.425	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			17.848								

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

Annual Analysis for 1978 - Station FOPU0100

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	4	29.	23.75	30.	7.	125.583	11.206	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	4	29.5	24.5	32.	7.	139.	11.79	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	4	23.5	23.25	26.	20.	7.583	2.754	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	4	6.	63.5	240.	2.	13849.667	117.685	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	4	0.772	1.056	2.38	0.301	0.832	0.912	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.385								

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

Annual Analysis for 1979 - Station FOPU0100

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	3	17.	17.	24.	10.	49.	7.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	3	22.	24.333	33.	18.	60.333	7.767	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	3	20.	20.	21.	19.	1.	1.	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	3	26.	23.333	33.	11.	126.333	11.24	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	3	1.415	1.325	1.519	1.041	0.063	0.251	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			21.133								

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Annual Analysis for 1980 - Station FOPU0100

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	4	16.	17.5	30.	8.	86.333	9.292	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	4	18.	18.	32.	4.	136.667	11.69	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	4	19.5	20.125	24.	17.5	7.729	2.78	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	4	18.5	41.25	120.	8.	2818.25	53.087	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	4	1.228	1.36	2.079	0.903	0.277	0.526	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			22.891								

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

Annual Analysis for 1981 - Station FOPU0100

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	4	20.	20.25	25.	16.	24.25	4.924	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	4	21.	20.25	28.	11.	59.583	7.719	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	4	25.	25.5	30.	22.	11.667	3.416	**	**	**	**

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

Annual Analysis for 1981 - Station FOPU0100

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	4	6.5	7.75	13.	5.	14.25	3.775	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	4	0.801	0.854	1.114	0.699	0.039	0.198	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.141								

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

Annual Analysis for 1982 - Station FOPU0100

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	5	21.	22.	29.	14.	37.	6.083	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	5	24.	22.2	27.	15.	20.7	4.55	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	5	29.	26.	30.	20.	21.5	4.637	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	5	11.	23.	49.	1.	576.	24.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	5	1.041	1.024	1.69	0.	0.511	0.715	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.572								

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

Annual Analysis for 1983 - Station FOPU0100

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	6	18.5	18.667	25.	11.	23.467	4.844	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	6	20.	19.333	25.	11.	28.667	5.354	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	6	21.5	22.167	30.	14.	29.767	5.456	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	7	5.	9.143	33.	1.	115.476	10.746	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	7	0.699	0.766	1.519	0.	0.199	0.446	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.838								

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

Annual Analysis for 1984 - Station FOPU0100

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	3	18.	15.	23.	4.	97.	9.849	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	3	19.	15.667	24.	4.	108.333	10.408	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	3	16.	18.	26.	12.	52.	7.211	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	3	7.	47.	130.	4.	5169.	71.896	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	3	0.845	1.187	2.114	0.602	0.659	0.812	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			15.383								

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Annual Analysis for 1985 - Station FOPU0100

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	3	23.5	23.167	26.	20.	9.083	3.014	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	3	26.	26.667	29.	25.	4.333	2.082	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	5	25.	26.1	28.5	24.	4.05	2.012	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	5	13.	12.2	23.	1.	73.2	8.556	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	5	1.114	0.91	1.362	0.	0.295	0.543	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.133								

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

Annual Analysis for 1986 - Station FOPU0100

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	3	13.	15.333	20.	13.	16.333	4.041	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	3	16.	15.333	19.	11.	16.333	4.041	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	3	19.	17.167	19.	13.5	10.083	3.175	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	3	5.	6.333	13.	1.	37.333	6.11	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	3	0.699	0.604	1.114	0.	0.317	0.563	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.021								

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

Annual Analysis for 1988 - Station FOPU0100

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	3	22.	22.	25.	19.	9.	3.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	3	18.	17.667	20.	15.	6.333	2.517	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	3	24.5	24.333	24.5	24.	0.083	0.289	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	3	5.	6.667	13.	2.	32.333	5.686	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	3	0.699	0.705	1.114	0.301	0.165	0.406	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.066								

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

Annual Analysis for 1989 - Station FOPU0100

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	6	20.5	20.167	29.	12.	42.167	6.494	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	6	18.5	17.833	27.	4.	69.367	8.329	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	6	24.25	23.667	25.5	19.	5.867	2.422	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	6	4.5	4.5	8.	1.	9.9	3.146	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	6	0.573	0.533	0.903	0.	0.145	0.38	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.408								

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

Annual Analysis for 1990 - Station FOPU0100

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	5	18.	18.6	27.	12.	33.3	5.771	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	5	19.	20.6	28.	13.	32.3	5.683	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	5	20.	21.5	30.	14.5	32.	5.657	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	5	4.	6.8	13.	2.	32.7	5.718	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	5	0.602	0.686	1.114	0.301	0.167	0.409	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.857								

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

Annual Analysis for 1991 - Station FOPU0100

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	3	18.	19.	27.	12.	57.	7.55	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	3	23.	23.333	27.	20.	12.333	3.512	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	3	24.	23.333	26.	20.	9.333	3.055	**	**	**	**

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

Annual Analysis for 1991 - Station FOPU0100

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	3	2.	5.333	13.	1.	44.333	6.658	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	3	0.301	0.472	1.114	0.	0.332	0.576	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.962								

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

Annual Analysis for 1992 - Station FOPU0100

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	8	18.	18.375	32.	12.	39.982	6.323	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	8	21.	23.	34.	17.	36.	6.	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	8	21.5	21.875	26.	18.	10.411	3.227	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	8	9.5	9.625	17.	1.	34.554	5.878	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	8	0.972	0.865	1.23	0.	0.166	0.408	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.322								

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

Annual Analysis for 1993 - Station FOPU0100

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	6	15.	18.	30.	10.	74.8	8.649	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	6	24.	21.	30.	7.	91.6	9.571	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	6	20.5	21.167	30.	14.	52.567	7.25	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	6	5.	9.833	23.	1.	106.567	10.323	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	6	0.699	0.737	1.362	0.	0.303	0.551	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.458								

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

Annual Analysis for 1994 - Station FOPU0100

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	8	24.5	23.25	31.	11.	46.786	6.84	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	8	28.	24.25	35.	7.	118.5	10.886	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	8	24.5	23.25	28.	12.	27.643	5.258	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	8	2.	2.625	7.	2.	3.125	1.768	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	8	0.301	0.369	0.845	0.301	0.037	0.192	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.339								

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

Annual Analysis for 1995 - Station FOPU0100

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	8	22.5	22.375	32.	10.	50.554	7.11	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	8	24.	22.	34.	6.	86.857	9.32	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	8	22.	21.875	26.	14.	13.839	3.72	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	8	5.	14.	79.	1.	706.286	26.576	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	8	0.699	0.657	1.898	0.	0.44	0.664	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.538								

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

Annual Analysis for 1996 - Station FOPU0100

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	12	20.	20.5	29.	10.	46.455	6.816	10.9	14.	27.5	28.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	12	25.	21.583	32.	2.	86.629	9.307	5.	14.5	29.75	31.7
00480	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	12	24.	21.833	28.	11.	29.606	5.441	11.9	18.	25.75	28.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	12	5.	27.5	220.	1.	3840.818	61.974	1.3	4.	12.5	168.7
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	12	0.699	0.903	2.342	0.	0.387	0.622	0.09	0.602	1.096	2.147
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.991								

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

Annual Analysis for 1997 - Station FOPU0100

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	12	23.	22.667	31.	10.	41.697	6.457	11.2	18.75	28.75	30.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	12	22.5	19.583	32.	3.	124.992	11.18	3.	7.75	30.75	32.
00480	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	12	24.5	23.833	28.	16.	11.788	3.433	17.2	22.	26.	28.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	12	5.	8.083	33.	1.	81.356	9.02	1.3	2.	12.5	27.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	12	0.699	0.691	1.519	0.	0.209	0.457	0.09	0.301	1.096	1.397
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.91								

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

Annual Analysis for 1998 - Station FOPU0100

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	12	24.5	22.417	31.	11.	43.554	6.6	11.9	15.925	27.75	30.4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	12	25.4	21.4	34.	2.	106.538	10.322	3.5	14.25	29.75	33.1
00480	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	12	22.	20.5	26.	10.	31.182	5.584	11.2	14.5	25.75	26.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	12	5.	8.583	21.	1.	46.629	6.829	1.	2.75	14.	19.8
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	12	0.699	0.755	1.322	0.	0.213	0.461	0.	0.401	1.146	1.295
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.684								

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

Seasonal Analysis for Season #1: 6/01 to 11/14 - Station FOPU0100

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	59	28.	26.466	32.	16.	13.438	3.666	21.	24.	29.	30.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	59	28.	27.492	37.	6.	27.703	5.263	22.	25.	31.	32.
00480p	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	60	25.	24.567	32.	12.	12.902	3.592	20.	22.25	26.	29.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/08/66-04/20/86	26	43.	73.923	350.	1.	9185.114	95.839	4.7	13.	83.	273.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/08/66-04/20/86	26	1.633	1.53	2.544	0.	0.385	0.62	0.67	1.114	1.918	2.429
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			33.867								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	57	5.	10.439	170.	1.	542.751	23.297	1.	2.	11.	23.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	57	0.699	0.67	2.23	0.	0.25	0.5	0.	0.301	1.041	1.362
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.674								

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

Seasonal Analysis for Season #2: 11/15 to 3/31 - Station FOPU0100

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	59	14.	13.864	22.	4.	14.433	3.799	10.	11.	17.	18.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	59	15.	14.014	29.	1.	46.121	6.791	4.	8.	19.	22.
00480p	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	59	22.	21.364	30.	10.	22.593	4.753	14.	19.	25.	26.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/08/66-04/20/86	26	130.	190.038	540.	7.	29402.918	171.473	16.1	45.	348.5	540.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/08/66-04/20/86	26	2.114	2.037	2.732	0.845	0.292	0.54	1.205	1.647	2.542	2.732
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			108.773								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	59	13.	25.254	240.	1.	1468.262	38.318	2.	5.	33.	79.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	59	1.114	1.084	2.38	0.	0.295	0.543	0.301	0.699	1.519	1.898
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.137								

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

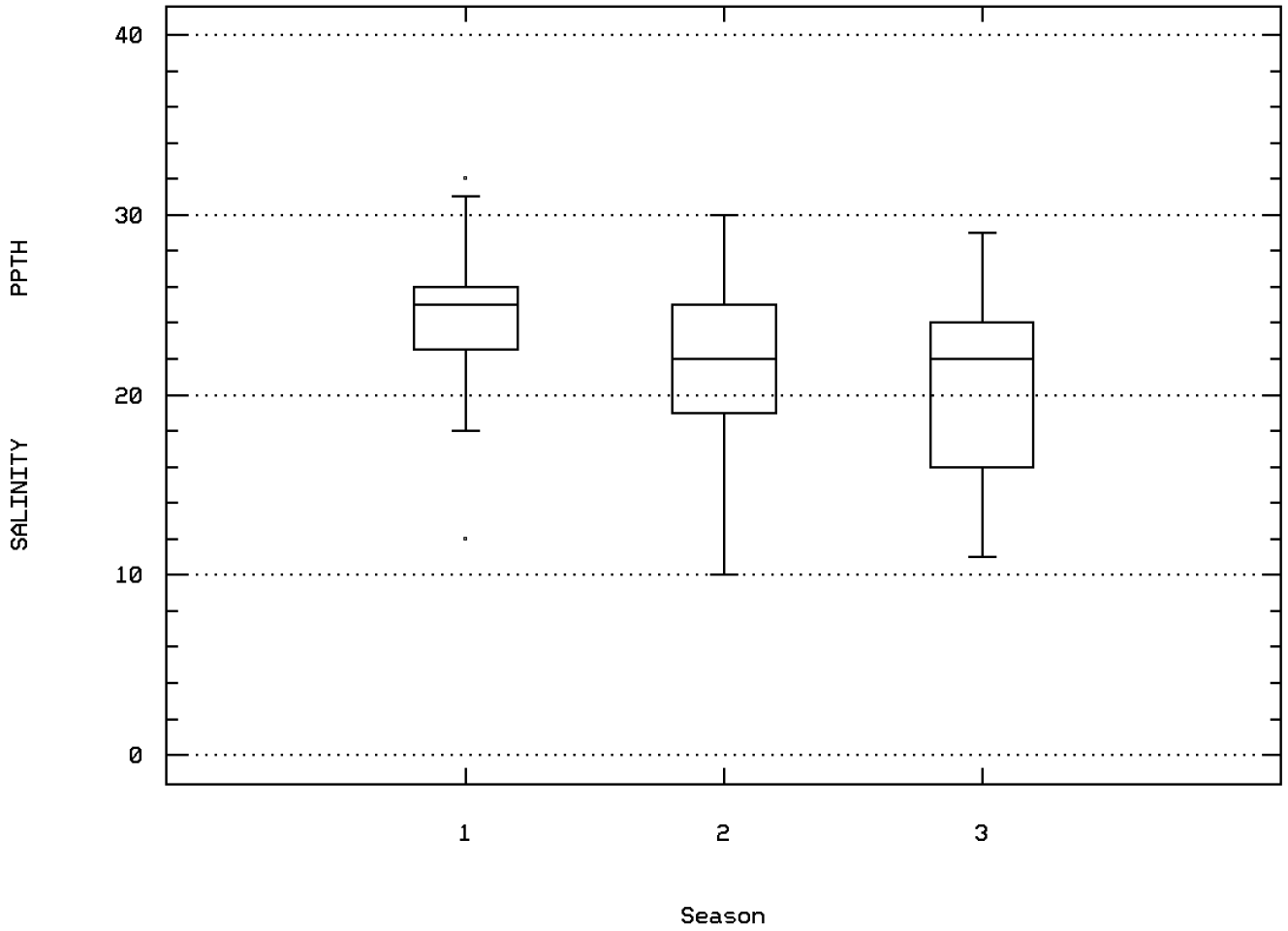
Seasonal Analysis for Season #3: 4/01 to 5/31 - Station FOPU0100

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/66-12/02/98	36	23.5	22.083	28.	16.	11.45	3.384	17.	18.	24.	26.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/08/66-12/02/98	36	25.	23.75	33.	12.	27.279	5.223	16.	20.	27.	31.
00480p	SALINITY - PARTS PER THOUSAND	08/08/66-12/02/98	37	22.	20.365	29.	11.	25.023	5.002	13.6	15.5	24.	28.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/08/66-04/20/86	22	119.5	262.227	1600.	1.5	161584.922	401.976	2.25	16.	267.5	920.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/08/66-04/20/86	22	2.076	1.835	3.204	0.176	0.784	0.885	0.304	1.201	2.421	2.964
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			68.453								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	33	8.	30.394	220.	1.	2072.371	45.523	2.	5.	41.	79.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	11/14/66-12/02/98	33	0.903	1.087	2.342	0.	0.375	0.612	0.301	0.699	1.604	1.898
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.229								

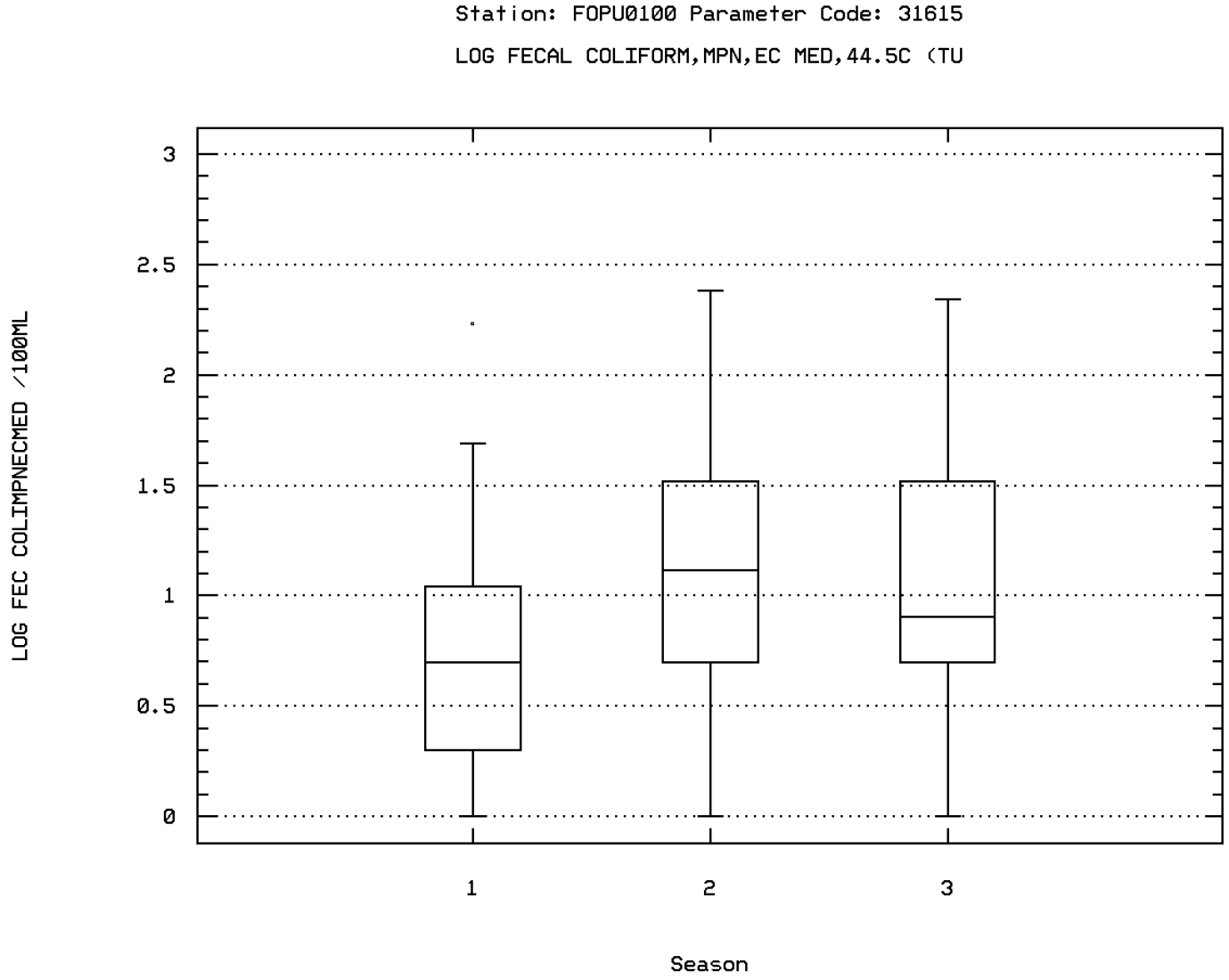
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: FOPU0100 Parameter Code: 00480

SALINITY - PARTS PER THOUSAND



COOPER RIVER AT MARKER #41 - DAUFUSKIE



COOPER RIVER AT MARKER #41 - DAUFUSKIE

Station Inventory for Station: FOPU0101

NPS Station ID: FOPU0101 LAT/LON: 32.093893/ -81.021671 Agency: 21GAEPD Date Created: / /
Location: SAVANNAH RIVER - ENTRANCE TO SOUTH CHANNEL FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 01023001
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 03060109 Depth of Water: 0 Aquifer:
Major Basin: SOPUTHEAST Elevation: 0 Water Body Id:
Minor Basin: SAVANNAH RIVER ECO Region:
RF1 Index: 03060109002 RF1 Mile Point: 10.560 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 03060109001601.64 RF3 Mile Point: 1.63 Distance from RF3: 0.15 On/Off RF3:
Description:

Parameter Inventory for Station: FOPU0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	552	3.	10.207	20.	0.	72.556	8.518	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/20/68-11/07/96	569	20.4	20.187	31.	6.	46.219	6.798	10.5	14.	26.5	28.6
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/04/72-11/07/96	433	22.5	20.613	37.	0.	64.107	8.007	9.	15.	26.5	30.
00065	STAGE, STREAM (FEET)	03/07/72-11/07/96	8	4.2	5.975	21.8	0.3	51.276	7.161	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/16/76-08/19/76	7	8.	8.429	12.	6.	3.619	1.902	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/15/68-02/02/72	38	49.5	47.132	70.	10.	258.82	16.088	25.8	35.25	60.	67.
00080	COLOR (PLATINUM-COBALT UNITS)	08/12/68-08/19/76	23	30.	36.087	110.	5.	411.265	20.28	17.	25.	45.	56.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-08/15/96	424	14000.	13968.137	34600.	21.	52917780.449	7274.461	3855.	8425.	19200.	23800.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/68-08/20/84	129	10000.	11341.938	32000.	540.	36867001.684	6071.82	5200.	7000.	14200.	20000.
00300p	OXYGEN, DISSOLVED MG/L	03/20/68-11/07/96	571	5.7	5.834	11.1	0.6	4.882	2.21	3.02	4.5	7.5	8.9
00310	BOD, 5 DAY, 20 DEG C MG/L	03/20/68-08/19/76	144	1.	1.179	4.6	0.05	0.504	0.71	0.5	0.7	1.5	1.9
00400	PH (STANDARD UNITS)	01/15/74-11/07/96	413	6.9	6.935	8.01	5.4	0.203	0.45	6.4	6.6	7.2	7.5
00400	CONVERTED PH (STANDARD UNITS)	01/15/74-11/07/96	413	6.9	6.68	8.01	5.4	0.268	0.518	6.4	6.6	7.2	7.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-11/07/96	413	0.126	0.209	3.981	0.01	0.134	0.366	0.032	0.063	0.251	0.398
00403	PH, LAB, STANDARD UNITS SU	02/15/68-08/20/84	146	7.	6.99	7.9	5.6	0.117	0.342	6.6	6.8	7.2	7.4
00403	CONVERTED PH, LAB, STANDARD UNITS	02/15/68-08/20/84	146	7.	6.82	7.9	5.6	0.146	0.382	6.6	6.8	7.2	7.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/15/68-08/20/84	146	0.1	0.151	2.512	0.013	0.059	0.242	0.04	0.063	0.158	0.251
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/21/68-08/19/76	135	42.	43.474	110.	16.	226.191	15.04	26.6	34.	50.	61.6
00480	SALINITY - PARTS PER THOUSAND	02/05/74-06/25/91	359	9.	9.263	21.	0.3	21.13	4.597	3.2	6.	12.9	15.7
00505	RESIDUE, TOTAL VOLATILE (MG/L)	05/21/68-12/16/69	46	28.5	30.696	87.	2.	427.061	20.665	4.7	16.75	43.25	68.3
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	05/21/68-05/21/68	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/15/68-08/20/84	138	46.	67.659	920.	3.	10026.358	100.132	19.7	31.	74.	107.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/07/74-08/18/76	4	0.115	0.125	0.17	0.1	0.001	0.033	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/07/74-08/18/76	4	0.145	0.153	0.24	0.08	0.006	0.075	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/07/74-08/18/76	4	0.08	0.165	0.43	0.07	0.031	0.177	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	12/05/72-06/04/74	20	6.	5.9	10.	3.	2.832	1.683	4.	5.	6.75	8.9
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/08/83-08/20/84	2	1960.	1960.	2800.	1120.	1411200.	1187.939	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	02/15/68-08/19/76	143	3400.	3768.972	12100.	180.	5306053.168	2303.487	1310.	2200.	5000.	6420.
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/08/83-08/20/84	4	35.5	35.5	42.	29.	56.333	7.506	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	11/08/83-08/20/84	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	11/08/83-08/20/84	2	2810.	2810.	2810.	2810.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	11/08/83-08/20/84	2 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/08/83-08/20/84	4	10.35	10.35	12.	8.7	3.63	1.905	**	**	**	**
01069	NICKEL, TOTAL IN FISH OR ANIMALS-WET WEIGHT MG/KG	09/26/84-09/26/84	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	11/08/83-08/20/84	4	26550.	26550.	27500.	25600.	1203333.333	1096.966	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	02/15/68-06/23/70	31	24000.	28681.29	160000.	1720.	932728318.28	30540.601	4920.	13000.	34800.	54200.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	02/15/68-06/23/70	31	4.38	4.275	5.204	3.236	0.186	0.431	3.692	4.114	4.542	4.734
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			18853.061								

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

Parameter Inventory for Station: FOPU0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-08/19/76	82	4300.	13322.866	150000.	15.	661785752.488	25725.197	1500.	2300.	11425.	31560.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-08/19/76	82	3.633	3.724	5.176	1.176	0.378	0.615	3.176	3.362	4.057	4.493
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5296.484								
70318	SOLIDS, TOTAL, PERCENT OF WET SAMPLE	11/08/83-11/08/83	2	60.8	60.8	60.8	60.8	0.	0.	**	**	**	**
71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	09/26/84-09/26/84	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	09/26/84-09/26/84	1	5.	5.	5.	5.	0.	0.	**	**	**	**
81660	IRON IN FISH TISSUE WET WEIGHT MG/KG	09/26/84-09/26/84	1	29.	29.	29.	29.	0.	0.	**	**	**	**
82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	08/10/76-05/14/91	328	12.	15.339	98.	0.	133.627	11.56	7.	9.	18.	28.

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

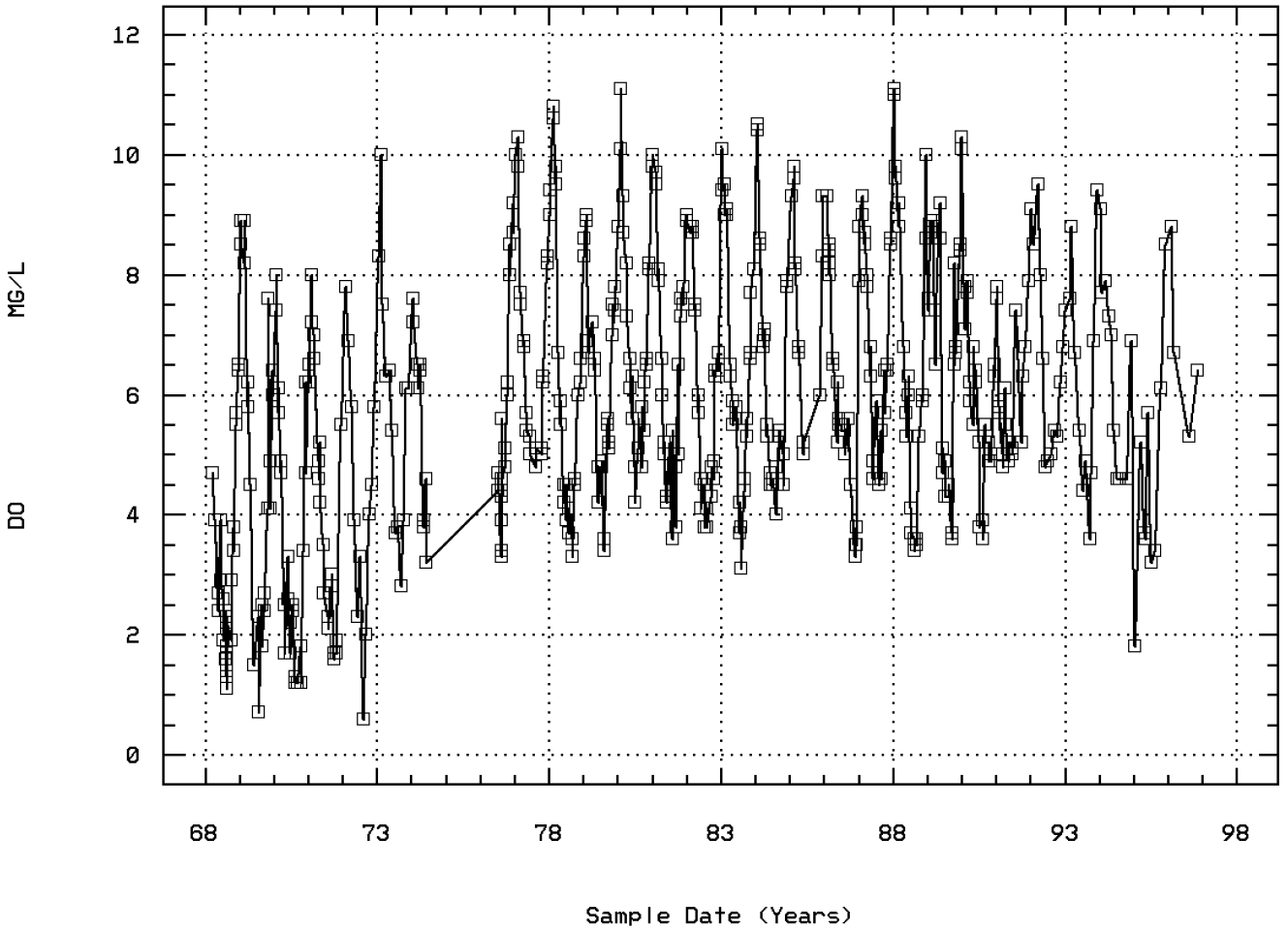
EPA Water Quality Criteria Analysis for Station: FOPU0101

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-11/14 Obs	6/01-11/14 Exceed	6/01-11/14 Prop.	11/15-3/31 Obs	11/15-3/31 Exceed	11/15-3/31 Prop.	4/01-5/31 Obs	4/01-5/31 Exceed	4/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	7	0	0.00	7	0	0.00									
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	38	19	0.50	15	7	0.47	17	9	0.53	6	3	0.50			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	571	117	0.20	282	97	0.34	195	7	0.04	94	13	0.14			
00400	PH	Fresh Chronic	9.	413	0	0.00	192	0	0.00	150	0	0.00	71	0	0.00			
		Other-Lo Lim.	6.5	413	71	0.17	192	27	0.14	150	31	0.21	71	13	0.18			
00403	PH, LAB	Fresh Chronic	9.	146	0	0.00	79	0	0.00	46	0	0.00	21	0	0.00			
		Other-Lo Lim.	6.5	146	9	0.06	79	6	0.08	46	2	0.04	21	1	0.05			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	4	0	0.00	2	0	0.00				2	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	143	135	0.94	75	73	0.97	45	41	0.91	23	21	0.91			
		Drinking Water	250.	143	141	0.99	75	75	1.00	45	45	1.00	23	21	0.91			
01034	CHROMIUM, TOTAL	Drinking Water	100.	2	0	0.00	2	0	0.00									
01067	NICKEL, TOTAL	Fresh Acute	1400.	2	0	0.00	2	0	0.00									
		Drinking Water	100.	2	0	0.00	2	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	31	31	1.00	14	14	1.00	11	11	1.00	6	6	1.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	82	81	0.99	44	43	0.98	25	25	1.00	13	13	1.00			
82078	TURBIDITY, FIELD	Other-Hi Lim.	50.	328	7	0.02	148	1	0.01	127	3	0.02	53	3	0.06			

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

Station: FOPU0101 Parameter Code: 00300

OXYGEN, DISSOLVED



SAVANNAH RIVER - ENTRANCE TO SOUTH CHAN

Annual Analysis for 1968 - Station FOPU0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	36	11.5	11.5	20.	3.	74.314	8.621	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/20/68-11/07/96	33	28.	24.642	31.	9.3	43.406	6.588	14.2	20.4	30.	30.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/68-08/20/84	27	11500.	12596.296	32000.	2000.	53967293.447	7346.243	4340.	7200.	16000.	24600.
00300p	OXYGEN, DISSOLVED MG/L	03/20/68-11/07/96	33	2.4	2.882	6.5	1.1	2.404	1.55	1.34	1.65	3.9	5.62
00310	BOD, 5 DAY, 20 DEG C MG/L	03/20/68-08/19/76	34	1.5	1.591	3.7	0.8	0.369	0.607	1.	1.2	1.7	2.35
00403	PH, LAB, STANDARD UNITS SU	02/15/68-08/20/84	36	7.	6.975	7.5	6.3	0.086	0.293	6.6	6.8	7.2	7.33
00403	CONVERTED PH, LAB, STANDARD UNITS	02/15/68-08/20/84	36	7.	6.873	7.5	6.3	0.097	0.311	6.6	6.8	7.2	7.33
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/15/68-08/20/84	36	0.1	0.134	0.501	0.032	0.012	0.108	0.047	0.063	0.158	0.251
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/21/68-08/19/76	28	44.	45.179	75.	26.	219.263	14.808	27.8	30.5	56.	70.5
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/15/68-08/20/84	36	65.5	78.75	262.	11.	2818.479	53.089	36.1	46.	91.75	158.7
00940	CHLORIDE,TOTAL IN WATER MG/L	02/15/68-08/19/76	34	3450.	4254.382	11300.	1100.	7860762.061	2803.705	1600.	2237.5	5550.	9500.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-08/19/76	17	5000.	9764.706	34800.	800.	120954926.471	10997.951	1200.	2150.	11950.	34800.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-08/19/76	17	3.699	3.747	4.542	2.903	0.235	0.484	3.072	3.331	4.076	4.542
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5578.835								

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

Annual Analysis for 1969 - Station FOPU0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	22	11.5	11.5	20.	3.	75.69	8.7	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/20/68-11/07/96	22	19.45	18.632	29.	9.	47.582	6.898	9.4	10.875	25.3	28.26
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/68-08/20/84	22	10725.	13071.818	30000.	3200.	55393044.156	7442.65	5075.	8125.	16000.	27560.
00300p	OXYGEN, DISSOLVED MG/L	03/20/68-11/07/96	22	4.5	4.727	8.9	0.7	6.858	2.619	1.5	2.375	6.7	8.78
00310	BOD, 5 DAY, 20 DEG C MG/L	03/20/68-08/19/76	19	1.4	1.374	2.8	0.6	0.263	0.513	0.7	1.	1.6	2.1
00403	PH, LAB, STANDARD UNITS SU	02/15/68-08/20/84	17	7.	6.959	7.9	6.	0.234	0.484	6.	6.8	7.2	7.66
00403	CONVERTED PH, LAB, STANDARD UNITS	02/15/68-08/20/84	17	7.	6.677	7.9	6.	0.318	0.564	6.	6.8	7.2	7.66
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/15/68-08/20/84	17	0.1	0.21	1.	0.013	0.093	0.305	0.023	0.063	0.163	1.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/21/68-08/19/76	22	55.	56.818	110.	16.	484.537	22.012	23.8	43.75	70.5	85.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/15/68-08/20/84	22	66.	70.682	139.	31.	1070.989	32.726	37.	43.25	89.5	130.5
00940	CHLORIDE,TOTAL IN WATER MG/L	02/15/68-08/19/76	20	3550.	4475.	12100.	900.	8968289.474	2994.71	1710.	2475.	5475.	10690.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-08/19/76	7	3480.	7544.286	24000.	230.	71666595.238	8465.613	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-08/19/76	7	3.542	3.563	4.38	2.362	0.441	0.664	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3652.992								

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

Annual Analysis for 1970 - Station FOPU0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	24	11.5	11.5	20.	3.	75.391	8.683	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/20/68-11/07/96	21	24.5	22.29	28.9	12.2	40.121	6.334	12.46	15.7	28.3	28.78
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/68-08/20/84	24	9350.	10172.917	22500.	5200.	15987169.384	3998.396	5750.	6887.5	12275.	15650.
00300p	OXYGEN, DISSOLVED MG/L	03/20/68-11/07/96	24	2.55	3.388	8.	1.2	4.349	2.085	1.2	1.7	4.85	6.8
00310	BOD, 5 DAY, 20 DEG C MG/L	03/20/68-08/19/76	24	1.	1.14	2.4	0.05	0.274	0.524	0.5	0.8	1.5	1.9
00403	PH, LAB, STANDARD UNITS SU	02/15/68-08/20/84	24	6.9	6.917	7.4	6.2	0.081	0.285	6.5	6.8	7.1	7.25
00403	CONVERTED PH, LAB, STANDARD UNITS	02/15/68-08/20/84	24	6.9	6.806	7.4	6.2	0.094	0.307	6.5	6.8	7.1	7.25
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/15/68-08/20/84	24	0.126	0.156	0.631	0.04	0.023	0.152	0.057	0.079	0.158	0.395
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/21/68-08/19/76	22	45.	45.591	70.	32.	91.301	9.555	33.	38.5	50.	60.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/15/68-08/20/84	21	56.	65.286	228.	10.	2142.914	46.292	21.	35.	84.	105.4
00940	CHLORIDE,TOTAL IN WATER MG/L	02/15/68-08/19/76	24	3550.	3754.167	8400.	1800.	2484547.101	1576.245	2050.	2625.	4300.	5950.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-08/19/76	12	2540.	5930.	24000.	430.	51853581.818	7200.943	487.	1677.5	8330.	21600.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-08/19/76	12	3.403	3.503	4.38	2.633	0.271	0.521	2.681	3.218	3.91	4.327
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3183.053								

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

Annual Analysis for 1971 - Station FOPU0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	24	11.5	11.5	20.	3.	75.391	8.683	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/20/68-11/07/96	23	21.	20.4	28.	10.1	42.37	6.509	10.9	12.5	26.5	27.8
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/68-08/20/84	24	8250.	9154.167	18000.	4050.	14251503.623	3775.116	4850.	6375.	11425.	15750.
00300p	OXYGEN, DISSOLVED MG/L	03/20/68-11/07/96	22	4.4	4.305	8.	1.6	4.278	2.068	1.7	2.25	6.275	7.14
00310	BOD, 5 DAY, 20 DEG C MG/L	03/20/68-08/19/76	24	0.8	1.05	3.9	0.3	0.589	0.767	0.45	0.525	1.3	1.8
00403	PH, LAB, STANDARD UNITS SU	02/15/68-08/20/84	24	6.9	6.904	7.2	6.6	0.026	0.16	6.7	6.8	7.	7.2
00403	CONVERTED PH, LAB, STANDARD UNITS	02/15/68-08/20/84	24	6.9	6.877	7.2	6.6	0.026	0.162	6.7	6.8	7.	7.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/15/68-08/20/84	24	0.126	0.133	0.251	0.063	0.002	0.047	0.063	0.1	0.158	0.2
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/21/68-08/19/76	22	36.5	37.227	53.	27.	46.279	6.803	29.	33.25	42.	48.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/15/68-08/20/84	18	39.	90.389	920.	24.	43088.722	207.578	24.9	29.5	53.75	164.
00940	CHLORIDE,TOTAL IN WATER MG/L	02/15/68-08/19/76	22	3100.	3388.636	6000.	1300.	2237602.814	1495.862	1590.	2087.5	4850.	5820.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-08/19/76	11	4300.	8027.273	43000.	1500.	142380181.818	11932.317	1500.	2100.	9300.	36260.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-08/19/76	11	3.633	3.665	4.633	3.176	0.183	0.428	3.176	3.322	3.968	4.5
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4622.019								

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

Annual Analysis for 1972 - Station FOPU0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/20/68-11/07/96	12	20.7	20.367	30.	12.5	32.577	5.708	12.77	15.275	25.4	29.1
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/04/72-11/07/96	7	23.	22.343	31.	5.7	67.36	8.207	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-08/15/96	12	10050.	9570.	18500.	840.	25236981.818	5023.642	1398.	5675.	13075.	16940.
00300p	OXYGEN, DISSOLVED MG/L	03/20/68-11/07/96	11	4.	4.264	7.8	0.6	4.777	2.186	0.88	2.3	5.8	7.62
00310	BOD, 5 DAY, 20 DEG C MG/L	03/20/68-08/19/76	12	0.75	0.708	1.	0.4	0.035	0.188	0.4	0.55	0.8	0.97
00403	PH, LAB, STANDARD UNITS SU	02/15/68-08/20/84	12	6.9	6.9	7.4	6.6	0.055	0.234	6.6	6.725	7.	7.34
00403	CONVERTED PH, LAB, STANDARD UNITS	02/15/68-08/20/84	12	6.9	6.849	7.4	6.6	0.057	0.24	6.6	6.725	7.	7.34
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/15/68-08/20/84	12	0.126	0.142	0.251	0.04	0.004	0.067	0.047	0.1	0.189	0.251
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/21/68-08/19/76	11	35.	39.091	57.	21.	110.291	10.502	22.8	33.	49.	55.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/15/68-08/20/84	11	31.	34.909	56.	16.	154.091	12.413	17.4	29.	45.	55.8
00940	CHLORIDE,TOTAL IN WATER MG/L	02/15/68-08/19/76	12	3375.	3295.833	6800.	250.	3885662.879	1971.208	355.	1650.	4750.	6365.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-08/19/76	11	4300.	5836.364	23000.	1500.	36456545.455	6037.926	1660.	2300.	4300.	20260.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-08/19/76	11	3.633	3.639	4.362	3.176	0.1	0.316	3.213	3.362	3.633	4.283
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4356.549								

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

Annual Analysis for 1973 - Station FOPU0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/20/68-11/07/96	12	19.	20.125	28.5	8.	41.597	6.45	9.35	16.25	26.625	28.2
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-08/15/96	12	3385.	7097.5	18200.	700.	45897747.727	6774.788	760.	1430.	12800.	18140.
00300p	OXYGEN, DISSOLVED MG/L	03/20/68-11/07/96	12	6.1	5.858	10.	2.8	4.428	2.104	3.07	3.825	7.225	9.49
00310	BOD, 5 DAY, 20 DEG C MG/L	03/20/68-08/19/76	12	0.6	0.875	4.6	0.2	1.411	1.188	0.26	0.4	0.7	3.49
00403	PH, LAB, STANDARD UNITS SU	02/15/68-08/20/84	12	6.9	6.942	7.5	6.5	0.081	0.284	6.53	6.725	7.1	7.44
00403	CONVERTED PH, LAB, STANDARD UNITS	02/15/68-08/20/84	12	6.9	6.863	7.5	6.5	0.088	0.296	6.53	6.725	7.1	7.44
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/15/68-08/20/84	12	0.126	0.137	0.316	0.032	0.007	0.083	0.037	0.079	0.189	0.297
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/21/68-08/19/76	11	30.	33.545	59.	18.	206.673	14.376	18.4	21.	48.	57.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/15/68-08/20/84	11	30.	30.818	58.	17.	134.564	11.6	17.	25.	32.	55.
00940	CHLORIDE,TOTAL IN WATER MG/L	02/15/68-08/19/76	12	1092.5	2476.75	7500.	180.	6484010.386	2546.372	193.8	460.	4775.	7050.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-08/19/76	12	12150.	27516.667	150000.	2300.	1693005151.515	41146.144	2300.	5100.	38000.	117900.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-08/19/76	12	4.072	4.118	5.176	3.362	0.299	0.547	3.362	3.694	4.566	5.013
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			13127.299								

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

Annual Analysis for 1974 - Station FOPU0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	6	20.	20.	20.	20.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/20/68-11/07/96	12	18.95	19.292	25.1	13.5	17.275	4.156	13.5	15.775	23.4	25.04
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-08/15/96	12	7600.	8579.167	17100.	1080.	23833826.515	4881.99	1647.	5600.	12175.	16860.
00300p	OXYGEN, DISSOLVED MG/L	03/20/68-11/07/96	10	6.25	5.58	7.6	3.2	2.44	1.562	3.26	3.875	6.675	7.56
00310	BOD, 5 DAY, 20 DEG C MG/L	03/20/68-08/19/76	12	0.6	0.75	2.7	0.1	0.435	0.66	0.13	0.5	0.875	2.16
00400p	PH (STANDARD UNITS)	01/15/74-11/07/96	12	6.8	6.85	7.2	6.6	0.026	0.162	6.63	6.8	6.9	7.17
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-11/07/96	12	6.8	6.825	7.2	6.6	0.027	0.164	6.63	6.8	6.9	7.17
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-11/07/96	12	0.158	0.15	0.251	0.063	0.002	0.049	0.068	0.126	0.158	0.236
00403	PH, LAB, STANDARD UNITS SU	02/15/68-08/20/84	12	7.35	7.333	7.8	6.9	0.055	0.235	6.93	7.225	7.475	7.71
00403	CONVERTED PH, LAB, STANDARD UNITS	02/15/68-08/20/84	12	7.347	7.274	7.8	6.9	0.059	0.243	6.93	7.225	7.475	7.71
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/15/68-08/20/84	12	0.045	0.053	0.126	0.016	0.001	0.031	0.021	0.034	0.06	0.118
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/21/68-08/19/76	12	34.	35.667	53.	22.	92.788	9.633	22.9	26.75	44.	51.2
00480p	SALINITY - PARTS PER THOUSAND	02/05/74-06/25/91	9	5.1	6.067	11.9	0.8	11.363	3.371	0.8	4.1	8.85	11.9
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/15/68-08/20/84	10	44.	113.2	694.	21.	42423.289	205.969	21.3	26.25	96.25	634.6
00940	CHLORIDE,TOTAL IN WATER MG/L	02/15/68-08/19/76	12	2800.	3320.25	7300.	305.	4200286.205	2049.46	558.5	1837.5	4825.	6940.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-08/19/76	5	9300.	37500.	150000.	3900.	3970485000.	63011.785	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-08/19/76	5	3.968	4.176	5.176	3.591	0.357	0.598	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			14998.32								

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

Annual Analysis for 1976 - Station FOPU0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	14	11.5	11.5	20.	3.	77.808	8.821	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/20/68-11/07/96	19	25.1	23.437	29.	10.2	41.695	6.457	10.2	21.7	28.	29.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/04/72-11/07/96	17	25.	21.812	37.	5.	112.776	10.62	5.	11.2	29.9	37.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-08/15/96	12	15650.	13593.333	26000.	3000.	63955442.424	7997.215	3036.	4325.	18800.	25010.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/68-08/20/84	7	12000.	11657.143	17000.	5700.	14966190.476	3868.616	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	03/20/68-11/07/96	19	4.7	5.489	9.2	3.3	3.295	1.815	3.4	4.4	6.2	8.7
00310	BOD, 5 DAY, 20 DEG C MG/L	03/20/68-08/19/76	7	1.	1.286	1.9	0.6	0.281	0.53	**	**	**	**
00400p	PH (STANDARD UNITS)	01/15/74-11/07/96	12	7.1	6.983	7.4	6.3	0.129	0.359	6.33	6.725	7.275	7.37
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-11/07/96	12	7.1	6.828	7.4	6.3	0.155	0.394	6.33	6.725	7.275	7.37
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-11/07/96	12	0.079	0.149	0.501	0.04	0.022	0.15	0.043	0.053	0.189	0.47
00403	PH, LAB, STANDARD UNITS SU	02/15/68-08/20/84	7	7.5	7.471	7.6	7.3	0.012	0.111	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	02/15/68-08/20/84	7	7.5	7.459	7.6	7.3	0.013	0.112	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/15/68-08/20/84	7	0.032	0.035	0.05	0.025	0.	0.009	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/21/68-08/19/76	7	45.	43.571	48.	36.	25.286	5.028	**	**	**	**
00480p	SALINITY - PARTS PER THOUSAND	02/05/74-06/25/91	12	10.1	8.583	16.5	1.9	24.822	4.982	1.93	2.675	12.15	15.45
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/15/68-08/20/84	7	5.	5.	8.	3.	3.333	1.826	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	02/15/68-08/19/76	7	4700.	4435.714	6300.	2800.	1638720.238	1280.125	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-08/19/76	7	4300.	18900.714	93000.	15.	1131293886.905	33634.713	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-08/19/76	7	3.633	3.437	4.968	1.176	1.559	1.249	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2737.11								
82078p	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	08/10/76-05/14/91	10	16.5	16.9	26.	10.	26.989	5.195	10.	12.25	20.75	25.7

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

Annual Analysis for 1977 - Station FOPU0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	20	11.5	11.5	20.	3.	76.053	8.721	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/20/68-11/07/96	20	18.5	17.155	28.	6.	57.103	7.557	6.	11.	22.875	27.35
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/04/72-11/07/96	20	20.	19.58	33.	5.	73.166	8.554	5.6	12.5	26.	32.5
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-08/15/96	20	11500.	11699.5	26500.	2000.	78295383.947	8848.468	2220.	2522.5	19100.	25450.

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Annual Analysis for 1977 - Station FOPU0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300p	OXYGEN, DISSOLVED MG/L	03/20/68-11/07/96	20	6.55	6.97	10.3	4.8	3.63	1.905	5.	5.15	8.275	10.
00400p	PH (STANDARD UNITS)	01/15/74-11/07/96	20	7.4	7.345	8.	6.3	0.192	0.438	6.64	7.1	7.7	7.9
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-11/07/96	20	7.4	7.103	8.	6.3	0.254	0.504	6.64	7.1	7.7	7.9
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-11/07/96	20	0.04	0.079	0.501	0.01	0.013	0.113	0.013	0.02	0.079	0.236
00480p	SALINITY - PARTS PER THOUSAND	02/05/74-06/25/91	13	14.7	14.177	21.	7.	23.744	4.873	7.64	8.95	18.9	20.6
82078p	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	08/10/76-05/14/91	14	10.	17.793	45.	7.9	160.859	12.683	7.95	9.05	24.	41.5

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

Annual Analysis for 1978 - Station FOPU0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	30	3.	9.8	20.	3.	71.752	8.471	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/20/68-11/07/96	30	20.	20.883	29.	7.	46.046	6.786	9.5	17.5	28.	28.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/04/72-11/07/96	30	24.	23.2	30.	8.	38.321	6.19	13.1	22.5	28.	29.9
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-08/15/96	22	11100.	13450.	28800.	650.	77156190.476	8783.86	2325.	6100.	21750.	27070.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/68-08/20/84	6	14100.	13241.667	24900.	650.	68662416.667	8286.279	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	03/20/68-11/07/96	30	5.7	5.937	10.8	3.3	5.052	2.248	3.7	4.175	6.7	9.77
00400p	PH (STANDARD UNITS)	01/15/74-11/07/96	27	7.3	7.304	7.8	6.9	0.064	0.253	6.9	7.1	7.5	7.62
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-11/07/96	27	7.3	7.235	7.8	6.9	0.069	0.263	6.9	7.1	7.5	7.62
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-11/07/96	27	0.05	0.058	0.126	0.016	0.001	0.033	0.024	0.032	0.079	0.126
00480p	SALINITY - PARTS PER THOUSAND	02/05/74-06/25/91	30	8.	8.393	16.2	0.7	17.854	4.225	4.05	4.95	11.925	14.2
82078p	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	08/10/76-05/14/91	22	13.	23.182	79.	0.	477.489	21.852	6.3	8.	36.5	67.4

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Annual Analysis for 1979 - Station FOPU0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	36	3.	11.028	20.	3.	74.085	8.607	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/20/68-11/07/96	36	19.75	19.403	29.2	8.	42.539	6.522	9.05	13.875	24.5	26.9
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/04/72-11/07/96	36	22.	19.175	29.	2.5	79.315	8.906	4.6	12.	28.025	29.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-08/15/96	18	8750.	10188.333	24600.	540.	74385626.471	8624.71	594.	1612.5	18350.	24240.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/68-08/20/84	5	5800.	4928.	10200.	540.	18288920.	4276.555	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	03/20/68-11/07/96	36	6.65	6.353	9.	3.4	2.617	1.618	4.02	4.95	7.4	8.69
00400p	PH (STANDARD UNITS)	01/15/74-11/07/96	36	6.95	7.014	7.9	6.3	0.206	0.454	6.5	6.6	7.4	7.73
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-11/07/96	36	6.947	6.824	7.9	6.3	0.244	0.494	6.5	6.6	7.4	7.73
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-11/07/96	36	0.113	0.15	0.501	0.013	0.017	0.129	0.019	0.04	0.251	0.316
00480p	SALINITY - PARTS PER THOUSAND	02/05/74-06/25/91	23	6.1	6.009	16.9	0.3	26.694	5.167	0.38	1.1	9.5	14.22
82078p	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	08/10/76-05/14/91	24	15.	24.792	98.	9.	426.404	20.65	9.15	11.25	31.	50.

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Annual Analysis for 1980 - Station FOPU0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	24	11.5	11.5	20.	3.	75.391	8.683	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/20/68-11/07/96	22	19.	18.	28.	7.	46.071	6.788	8.6	11.	24.	27.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/04/72-11/07/96	24	23.5	21.292	34.	5.	83.716	9.15	8.	12.125	28.875	33.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-08/15/96	20	13600.	12948.	25000.	1050.	48920595.789	6994.326	2983.	7950.	17825.	21990.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/68-08/20/84	2	13100.	13100.	20200.	6000.	100820000.	10040.916	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	03/20/68-11/07/96	24	6.55	7.008	11.1	4.2	3.34	1.828	4.8	5.6	8.575	9.7
00400p	PH (STANDARD UNITS)	01/15/74-11/07/96	18	7.2	7.261	8.	6.7	0.166	0.407	6.79	6.9	7.6	7.91

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Annual Analysis for 1980 - Station FOPU0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-11/07/96	18	7.2	7.109	8.	6.7	0.191	0.437	6.79	6.9	7.6	7.91
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-11/07/96	18	0.063	0.078	0.2	0.01	0.003	0.058	0.012	0.025	0.126	0.163
00480p	SALINITY - PARTS PER THOUSAND	02/05/74-06/25/91	21	10.	8.586	18.9	1.2	24.254	4.925	1.64	3.9	12.55	14.28
82078p	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	08/10/76-05/14/91	24	11.	12.75	24.	5.	27.761	5.269	6.5	9.	17.	21.5

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Annual Analysis for 1981 - Station FOPU0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	28	3.	10.286	20.	3.	73.397	8.567	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/20/68-11/07/96	28	20.45	20.389	29.	9.	44.547	6.674	10.35	14.25	26.875	29.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/04/72-11/07/96	28	23.	23.446	33.	10.	44.469	6.669	16.3	18.125	31.	32.1
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-08/15/96	24	18600.	19204.167	29500.	9000.	32799547.101	5727.089	11450.	14550.	22800.	28200.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/68-08/20/84	4	17850.	17825.	21600.	14000.	11442500.	3382.676	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	03/20/68-11/07/96	28	6.25	6.4	10.	3.6	3.93	1.982	3.78	4.85	7.875	9.71
00400p	PH (STANDARD UNITS)	01/15/74-11/07/96	23	6.4	6.509	7.7	5.4	0.477	0.691	5.48	5.9	7.1	7.6
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-11/07/96	23	6.4	6.076	7.7	5.4	0.672	0.82	5.48	5.9	7.1	7.6
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-11/07/96	23	0.398	0.839	3.981	0.02	1.377	1.173	0.025	0.079	1.259	3.393
00480p	SALINITY - PARTS PER THOUSAND	02/05/74-06/25/91	28	12.9	12.268	20.	6.	14.62	3.824	6.72	9.175	15.55	16.86
82078p	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	08/10/76-05/14/91	24	12.	13.583	30.	4.	44.601	6.678	6.5	9.	17.75	26.

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Annual Analysis for 1982 - Station FOPU0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	30	3.	9.8	20.	3.	71.752	8.471	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/20/68-11/07/96	30	19.5	19.767	28.5	10.	47.823	6.915	10.5	10.5	27.125	28.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/04/72-11/07/96	30	23.5	21.133	31.	9.	50.447	7.103	9.5	15.	26.	29.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-08/15/96	24	14450.	15360.833	32800.	2450.	50032338.406	7073.354	7350.	9927.5	21575.	24850.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/68-08/20/84	6	12250.	10275.	14000.	2450.	21633750.	4651.21	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	03/20/68-11/07/96	30	6.15	6.273	9.	3.8	3.473	1.864	4.1	4.575	8.7	8.8
00400p	PH (STANDARD UNITS)	01/15/74-11/07/96	28	6.5	6.529	6.9	6.2	0.029	0.17	6.29	6.4	6.675	6.71
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-11/07/96	28	6.5	6.497	6.9	6.2	0.03	0.173	6.29	6.4	6.675	6.71
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-11/07/96	28	0.316	0.319	0.631	0.126	0.016	0.128	0.195	0.212	0.398	0.514
00480p	SALINITY - PARTS PER THOUSAND	02/05/74-06/25/91	29	9.4	9.293	18.8	1.8	18.02	4.245	4.2	6.9	11.75	17.
82078p	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	08/10/76-05/14/91	24	17.	19.75	52.	5.	139.5	11.811	8.	10.25	24.75	40.5

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Annual Analysis for 1983 - Station FOPU0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	26	3.	10.615	20.	0.	79.126	8.895	2.1	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/20/68-11/07/96	25	18.5	19.94	30.	8.	55.673	7.461	8.3	13.75	26.75	29.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/04/72-11/07/96	24	22.	20.583	35.	6.	79.949	8.941	7.	11.875	27.125	33.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-08/15/96	25	10500.	11739.64	23200.	21.	42110927.407	6489.293	3766.	6550.	17500.	21660.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/68-08/20/84	1	17500.	17500.	17500.	17500.	0.	0.	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	03/20/68-11/07/96	25	6.3	6.544	10.1	3.1	4.214	2.053	3.76	4.95	8.55	9.44
00400p	PH (STANDARD UNITS)	01/15/74-11/07/96	22	6.4	6.65	7.7	6.1	0.265	0.515	6.1	6.275	7.1	7.47
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-11/07/96	22	6.4	6.437	7.7	6.1	0.313	0.56	6.1	6.275	7.1	7.47
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-11/07/96	22	0.398	0.366	0.794	0.02	0.08	0.283	0.034	0.079	0.534	0.794

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Annual Analysis for 1983 - Station FOPU0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	PH, LAB, STANDARD UNITS SU	02/15/68-08/20/84	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	02/15/68-08/20/84	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/15/68-08/20/84	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00480p	SALINITY - PARTS PER THOUSAND	02/05/74-06/25/91	25	7.	8.132	18.3	1.2	20.597	4.538	3.2	4.7	11.85	15.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/15/68-08/20/84	1	45.	45.	45.	45.	0.	0.	**	**	**	**
82078p	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	08/10/76-05/14/91	24	11.5	14.75	35.	6.	77.674	8.813	7.	8.25	20.25	33.

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Annual Analysis for 1984 - Station FOPU0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	24	3.	10.542	20.	0.	79.65	8.925	1.5	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/20/68-11/07/96	23	22.5	20.217	28.	7.5	44.405	6.664	9.2	13.	26.	27.6
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/04/72-11/07/96	22	18.	21.591	34.	12.	48.944	6.996	13.2	16.	28.5	32.8
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-08/15/96	22	9900.	9522.318	19000.	21.	22652542.037	4759.469	3559.	5375.	13300.	15000.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/68-08/20/84	1	9240.	9240.	9240.	9240.	0.	0.	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	03/20/68-11/07/96	23	5.4	6.265	10.5	4.	3.736	1.933	4.5	4.6	7.8	9.68
00400p	PH (STANDARD UNITS)	01/15/74-11/07/96	16	6.85	6.9	7.5	6.4	0.084	0.29	6.47	6.8	7.075	7.43
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-11/07/96	16	6.847	6.817	7.5	6.4	0.091	0.302	6.47	6.8	7.075	7.43
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-11/07/96	16	0.142	0.153	0.398	0.032	0.009	0.097	0.037	0.085	0.158	0.341
00403	PH, LAB, STANDARD UNITS SU	02/15/68-08/20/84	1	5.6	5.6	5.6	5.6	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	02/15/68-08/20/84	1	5.6	5.6	5.6	5.6	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/15/68-08/20/84	1	2.512	2.512	2.512	2.512	0.	0.	**	**	**	**
00480p	SALINITY - PARTS PER THOUSAND	02/05/74-06/25/91	21	6.5	6.343	11.	2.	6.087	2.467	2.44	4.55	8.	10.56
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/15/68-08/20/84	1	14.	14.	14.	14.	0.	0.	**	**	**	**
82078p	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	08/10/76-05/14/91	20	15.	18.6	50.	5.	152.568	12.352	7.	10.25	24.5	42.2

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Annual Analysis for 1985 - Station FOPU0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	18	3.	8.944	20.	0.	83.703	9.149	0.	2.25	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/20/68-11/07/96	14	14.5	15.607	25.	8.	31.315	5.596	8.5	9.75	19.625	25.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/04/72-11/07/96	14	13.5	15.357	25.	5.	61.67	7.853	5.	6.	23.5	25.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-08/15/96	14	14850.	14278.571	24800.	5200.	45700274.725	6760.198	5850.	8525.	21100.	24650.
00300p	OXYGEN, DISSOLVED MG/L	03/20/68-11/07/96	14	8.15	7.686	9.8	5.	2.892	1.701	5.1	6.	9.3	9.7
00400p	PH (STANDARD UNITS)	01/15/74-11/07/96	13	6.9	6.846	7.1	6.4	0.054	0.233	6.44	6.65	7.05	7.1
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-11/07/96	13	6.9	6.784	7.1	6.4	0.059	0.242	6.44	6.65	7.05	7.1
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-11/07/96	13	0.126	0.165	0.398	0.079	0.01	0.1	0.079	0.09	0.225	0.365
00480p	SALINITY - PARTS PER THOUSAND	02/05/74-06/25/91	14	10.	9.543	15.2	2.3	19.42	4.407	3.25	5.15	14.25	15.1
82078p	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	08/10/76-05/14/91	14	12.	11.571	20.	1.	28.264	5.316	3.	8.25	16.	18.5

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Annual Analysis for 1986 - Station FOPU0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	28	3.	9.857	20.	0.	81.016	9.001	0.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/20/68-11/07/96	26	22.5	21.358	29.	7.5	46.131	6.792	10.3	17.325	27.625	29.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/04/72-11/07/96	24	25.75	22.104	30.	3.	67.304	8.204	6.75	16.	27.	29.25
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-08/15/96	28	17000.	16564.286	25500.	8600.	30071269.841	5483.728	9000.	11125.	20875.	24870.

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Annual Analysis for 1986 - Station FOPU0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300p	OXYGEN, DISSOLVED MG/L	03/20/68-11/07/96	28	5.45	5.668	9.3	3.3	3.359	1.833	3.48	4.5	6.575	8.58
00400p	PH (STANDARD UNITS)	01/15/74-11/07/96	28	7.	7.029	7.3	6.6	0.038	0.194	6.78	6.9	7.2	7.3
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-11/07/96	28	7.	6.984	7.3	6.6	0.04	0.199	6.78	6.9	7.2	7.3
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-11/07/96	28	0.1	0.104	0.251	0.05	0.003	0.053	0.05	0.063	0.126	0.168
00480p	SALINITY - PARTS PER THOUSAND	02/05/74-06/25/91	28	11.2	10.393	15.2	5.7	10.895	3.301	5.79	7.1	13.8	14.48
82078p	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	08/10/76-05/14/91	28	10.5	13.107	36.	5.	53.507	7.315	5.9	9.	15.75	22.1

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Annual Analysis for 1987 - Station FOPU0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	24	11.5	11.5	20.	3.	75.391	8.683	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/20/68-11/07/96	24	19.	19.396	30.	8.5	53.891	7.341	9.75	13.125	26.75	30.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/04/72-11/07/96	24	17.5	19.792	32.	5.5	64.498	8.031	8.75	13.75	27.5	31.5
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-08/15/96	23	14100.	13702.174	20300.	3500.	27460108.696	5240.239	5130.	10300.	18000.	20120.
00300p	OXYGEN, DISSOLVED MG/L	03/20/68-11/07/96	24	6.45	6.817	9.3	4.5	2.619	1.618	4.6	5.475	8.5	8.9
00400p	PH (STANDARD UNITS)	01/15/74-11/07/96	24	6.6	6.621	7.1	5.8	0.108	0.328	6.05	6.525	6.8	7.05
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-11/07/96	24	6.6	6.47	7.1	5.8	0.132	0.363	6.05	6.525	6.8	7.05
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-11/07/96	24	0.251	0.339	1.585	0.079	0.158	0.397	0.09	0.158	0.3	1.043
00480p	SALINITY - PARTS PER THOUSAND	02/05/74-06/25/91	22	8.7	8.645	13.8	2.9	9.848	3.138	3.9	6.175	11.125	13.07
82078p	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	08/10/76-05/14/91	22	9.5	10.	19.	5.	15.238	3.904	5.	7.	12.25	16.7

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

Annual Analysis for 1988 - Station FOPU0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	24	11.5	11.5	20.	3.	75.391	8.683	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/20/68-11/07/96	24	22.25	20.058	30.1	8.3	61.754	7.858	9.2	11.	27.15	28.8
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/04/72-11/07/96	24	20.25	19.292	32.	2.	69.694	8.348	4.75	14.25	25.25	30.25
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-08/15/96	24	17500.	17268.333	24900.	8500.	13842849.275	3720.598	11350.	15675.	19475.	21750.
00300p	OXYGEN, DISSOLVED MG/L	03/20/68-11/07/96	24	6.	6.642	11.1	3.4	6.336	2.517	3.55	4.4	9.1	10.5
00400p	PH (STANDARD UNITS)	01/15/74-11/07/96	24	6.9	6.889	7.3	6.6	0.045	0.212	6.6	6.725	7.1	7.16
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-11/07/96	24	6.9	6.841	7.3	6.6	0.047	0.217	6.6	6.725	7.1	7.16
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-11/07/96	24	0.126	0.144	0.251	0.05	0.005	0.067	0.069	0.079	0.189	0.251
00480p	SALINITY - PARTS PER THOUSAND	02/05/74-06/25/91	24	11.45	11.438	16.9	5.2	11.013	3.319	6.75	9.15	13.775	16.45
82078p	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	08/10/76-05/14/91	24	7.	8.5	18.	2.	19.304	4.394	4.	6.	9.	17.

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

Annual Analysis for 1989 - Station FOPU0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	24	11.5	11.5	20.	3.	75.391	8.683	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/20/68-11/07/96	24	19.95	19.813	29.5	11.3	42.555	6.523	11.45	13.125	26.6	29.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/04/72-11/07/96	22	23.	21.418	32.	11.	33.846	5.818	11.6	17.5	25.5	30.05
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-08/15/96	24	17600.	18757.083	29900.	12390.	21432160.688	4629.488	12815.	14682.5	22800.	24250.
00300p	OXYGEN, DISSOLVED MG/L	03/20/68-11/07/96	24	7.1	6.758	9.2	3.6	3.604	1.898	4.	4.75	8.575	8.9
00400p	PH (STANDARD UNITS)	01/15/74-11/07/96	24	6.65	6.7	7.4	5.8	0.164	0.405	6.1	6.5	7.1	7.2
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-11/07/96	24	6.647	6.508	7.4	5.8	0.203	0.45	6.1	6.5	7.1	7.2
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-11/07/96	24	0.225	0.311	1.585	0.04	0.135	0.367	0.063	0.079	0.316	0.88
00480p	SALINITY - PARTS PER THOUSAND	02/05/74-06/25/91	24	11.2	11.271	18.5	6.7	10.968	3.312	7.	8.35	13.65	16.2

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

Annual Analysis for 1989 - Station FOPU0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82078p	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	08/10/76-05/14/91	24	10.	11.625	27.	6.	36.418	6.035	6.5	8.	11.75	24.5

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

Annual Analysis for 1990 - Station FOPU0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	24	11.5	11.5	20.	3.	75.391	8.683	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/20/68-11/07/96	24	23.	20.588	28.8	8.7	45.049	6.712	10.4	14.	27.075	28.65
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/04/72-11/07/96	24	24.	20.725	34.	5.1	74.458	8.629	5.85	15.25	26.	32.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-08/15/96	24	15200.	15775.	31800.	2800.	83345739.13	9129.389	4365.	7187.5	24350.	30150.
00300p	OXYGEN, DISSOLVED MG/L	03/20/68-11/07/96	24	6.05	6.163	10.3	3.6	2.943	1.716	3.85	5.05	7.025	9.
00400p	PH (STANDARD UNITS)	01/15/74-11/07/96	22	6.9	6.929	7.5	6.28	0.095	0.309	6.525	6.775	7.15	7.44
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-11/07/96	22	6.9	6.828	7.5	6.28	0.106	0.325	6.525	6.775	7.15	7.44
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-11/07/96	22	0.126	0.149	0.525	0.032	0.012	0.111	0.037	0.072	0.169	0.308
00480p	SALINITY - PARTS PER THOUSAND	02/05/74-06/25/91	24	8.6	9.233	19.4	1.	34.737	5.894	1.9	3.6	15.275	18.
82078p	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	08/10/76-05/14/91	20	16.	16.1	44.	3.	65.253	8.078	9.	10.75	18.	22.8

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

Annual Analysis for 1991 - Station FOPU0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	18	3.	8.667	20.	3.	68.	8.246	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/20/68-11/07/96	18	17.7	19.567	28.1	12.6	31.672	5.628	12.6	14.6	25.25	27.38
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/04/72-11/07/96	18	16.	19.139	29.5	9.	46.73	6.836	10.35	14.	25.25	29.5
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-08/15/96	18	11670.	14718.889	34600.	1220.	86493128.105	9300.168	4352.	7702.5	23800.	27040.
00300p	OXYGEN, DISSOLVED MG/L	03/20/68-11/07/96	17	5.7	6.006	7.9	4.8	1.202	1.096	4.88	5.05	7.1	7.82
00400p	PH (STANDARD UNITS)	01/15/74-11/07/96	17	6.8	6.862	7.4	6.6	0.057	0.239	6.6	6.7	7.	7.32
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-11/07/96	17	6.8	6.81	7.4	6.6	0.06	0.245	6.6	6.7	7.	7.32
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-11/07/96	17	0.158	0.155	0.251	0.04	0.005	0.069	0.048	0.1	0.2	0.251
00480p	SALINITY - PARTS PER THOUSAND	02/05/74-06/25/91	12	5.3	6.85	15.9	0.5	25.05	5.005	1.31	3.525	11.2	15.69
82078p	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	08/10/76-05/14/91	10	10.5	12.2	20.	6.	28.622	5.35	6.1	7.	18.25	19.9

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

Annual Analysis for 1992 - Station FOPU0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	12	3.	3.	3.	3.	0.	0.	3.	3.	3.	3.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/20/68-11/07/96	12	19.	19.083	28.4	9.9	43.489	6.595	10.05	12.3	25.575	27.92
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/04/72-11/07/96	11	20.	18.727	31.	5.	79.418	8.912	5.4	10.	27.	30.6
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-08/15/96	12	16950.	15975.833	21600.	6010.	27563917.424	5250.135	6907.	11550.	20975.	21510.
00300p	OXYGEN, DISSOLVED MG/L	03/20/68-11/07/96	12	6.4	6.675	9.5	4.8	2.926	1.71	4.83	5.075	8.375	9.38
00400p	PH (STANDARD UNITS)	01/15/74-11/07/96	12	7.235	7.064	7.6	6.2	0.21	0.459	6.26	6.65	7.45	7.57
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-11/07/96	12	7.234	6.818	7.6	6.2	0.276	0.526	6.26	6.65	7.45	7.57
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-11/07/96	12	0.058	0.152	0.631	0.025	0.035	0.188	0.027	0.036	0.228	0.561

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

Annual Analysis for 1993 - Station FOPU0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	11	3.	3.	3.	3.	0.	0.	3.	3.	3.	3.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/20/68-11/07/96	11	17.4	19.782	29.6	10.8	55.1	7.423	10.94	12.	27.7	29.36
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/04/72-11/07/96	10	14.5	17.3	30.	9.	54.511	7.383	9.1	10.375	25.125	29.55
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-08/15/96	11	14830.	14849.091	26700.	4640.	57278369.091	7568.247	4752.	7010.	21700.	26040.
00300p	OXYGEN, DISSOLVED MG/L	03/20/68-11/07/96	11	6.7	6.345	9.4	3.6	3.549	1.884	3.76	4.7	7.6	9.28
00400p	PH (STANDARD UNITS)	01/15/74-11/07/96	11	7.5	7.455	7.8	6.8	0.081	0.284	6.86	7.4	7.6	7.78
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-11/07/96	11	7.5	7.349	7.8	6.8	0.093	0.305	6.86	7.4	7.6	7.78
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-11/07/96	11	0.032	0.045	0.158	0.016	0.002	0.041	0.017	0.025	0.04	0.143

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

Annual Analysis for 1994 - Station FOPU0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	11	3.	2.727	3.	0.	0.818	0.905	0.6	3.	3.	3.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/20/68-11/07/96	11	19.5	19.809	27.5	9.6	45.151	6.719	9.62	14.	26.4	27.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/04/72-11/07/96	11	21.	18.373	27.	0.	69.888	8.36	1.4	13.	25.	26.6
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-08/15/96	11	13800.	14761.818	26100.	5180.	46998256.364	6855.527	5642.	8210.	21400.	25280.
00300p	OXYGEN, DISSOLVED MG/L	03/20/68-11/07/96	11	6.9	6.336	9.1	4.6	2.657	1.63	4.6	4.6	7.7	8.86
00400p	PH (STANDARD UNITS)	01/15/74-11/07/96	11	7.2	7.186	8.	6.6	0.158	0.397	6.66	6.9	7.4	7.914
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-11/07/96	11	7.2	7.047	8.	6.6	0.179	0.423	6.66	6.9	7.4	7.914
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-11/07/96	11	0.063	0.09	0.251	0.01	0.005	0.07	0.013	0.04	0.126	0.226

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

Annual Analysis for 1995 - Station FOPU0101

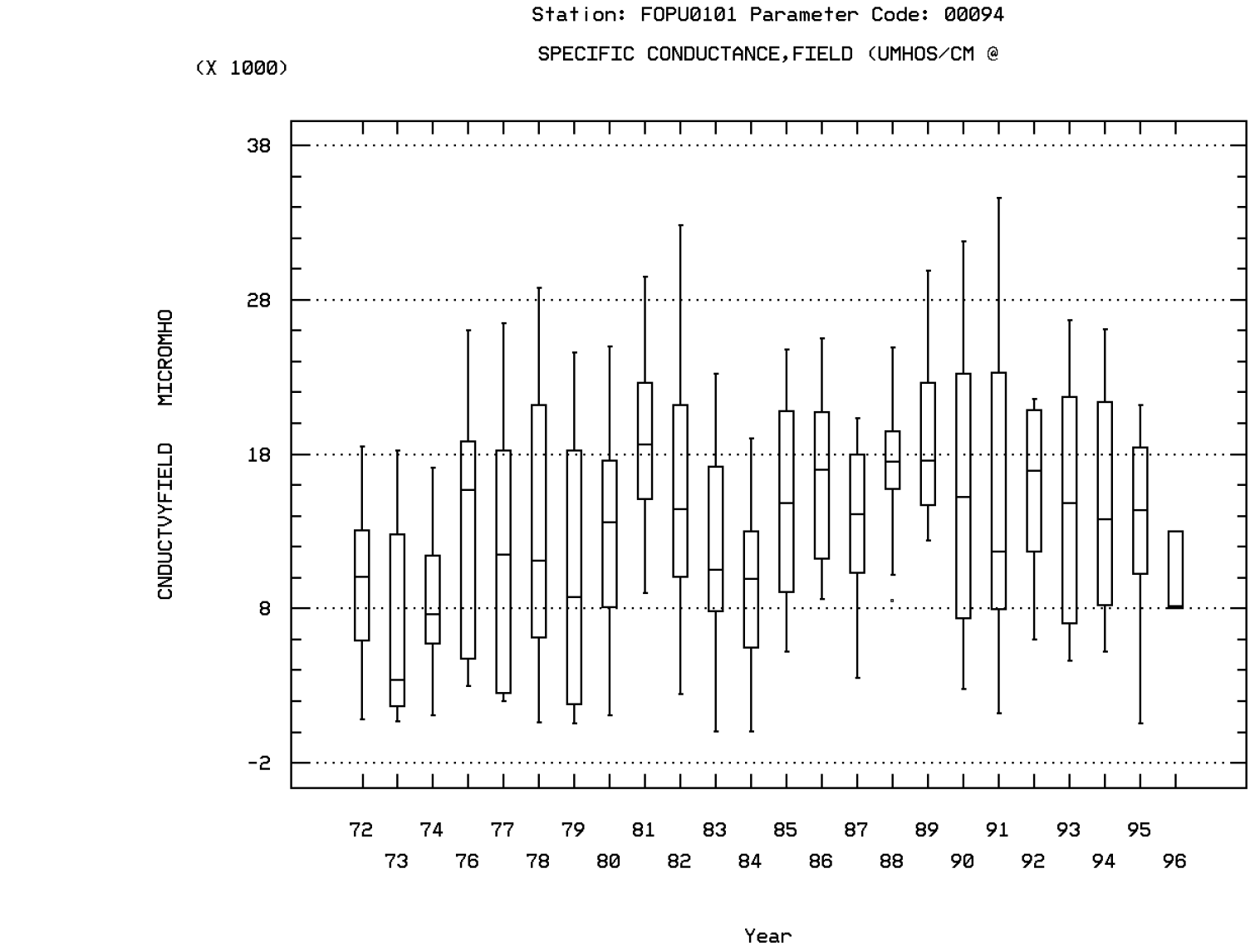
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	10	3.	2.4	3.	0.	1.6	1.265	0.	2.25	3.	3.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/20/68-11/07/96	9	22.5	21.5	29.7	10.8	46.175	6.795	10.8	14.35	27.4	29.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/04/72-11/07/96	9	21.	20.778	27.	10.	31.944	5.652	10.	17.5	26.5	27.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-08/15/96	9	14350.	13115.333	21200.	572.	44507513.	6671.395	572.	8055.	18850.	21200.
00300p	OXYGEN, DISSOLVED MG/L	03/20/68-11/07/96	9	3.7	4.578	8.5	1.8	4.009	2.002	1.8	3.3	5.9	8.5
00400p	PH (STANDARD UNITS)	01/15/74-11/07/96	9	7.28	7.371	8.01	7.04	0.104	0.322	7.04	7.16	7.57	8.01
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-11/07/96	9	7.28	7.29	8.01	7.04	0.111	0.333	7.04	7.16	7.57	8.01
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-11/07/96	9	0.052	0.051	0.091	0.01	0.001	0.026	0.01	0.031	0.07	0.091

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

Annual Analysis for 1996 - Station FOPU0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	4	1.5	1.5	3.	0.	3.	1.732	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/20/68-11/07/96	4	17.7	17.825	27.8	8.1	69.563	8.34	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/04/72-11/07/96	4	23.	21.25	35.	4.	164.917	12.842	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-08/15/96	3	8120.	9720.	13000.	8040.	8070400.	2840.845	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	03/20/68-11/07/96	4	6.55	6.8	8.8	5.3	2.14	1.463	**	**	**	**
00400p	PH (STANDARD UNITS)	01/15/74-11/07/96	4	7.245	7.39	8.	7.07	0.174	0.417	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	01/15/74-11/07/96	4	7.242	7.28	8.	7.07	0.19	0.436	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-11/07/96	4	0.057	0.052	0.085	0.01	0.001	0.032	**	**	**	**

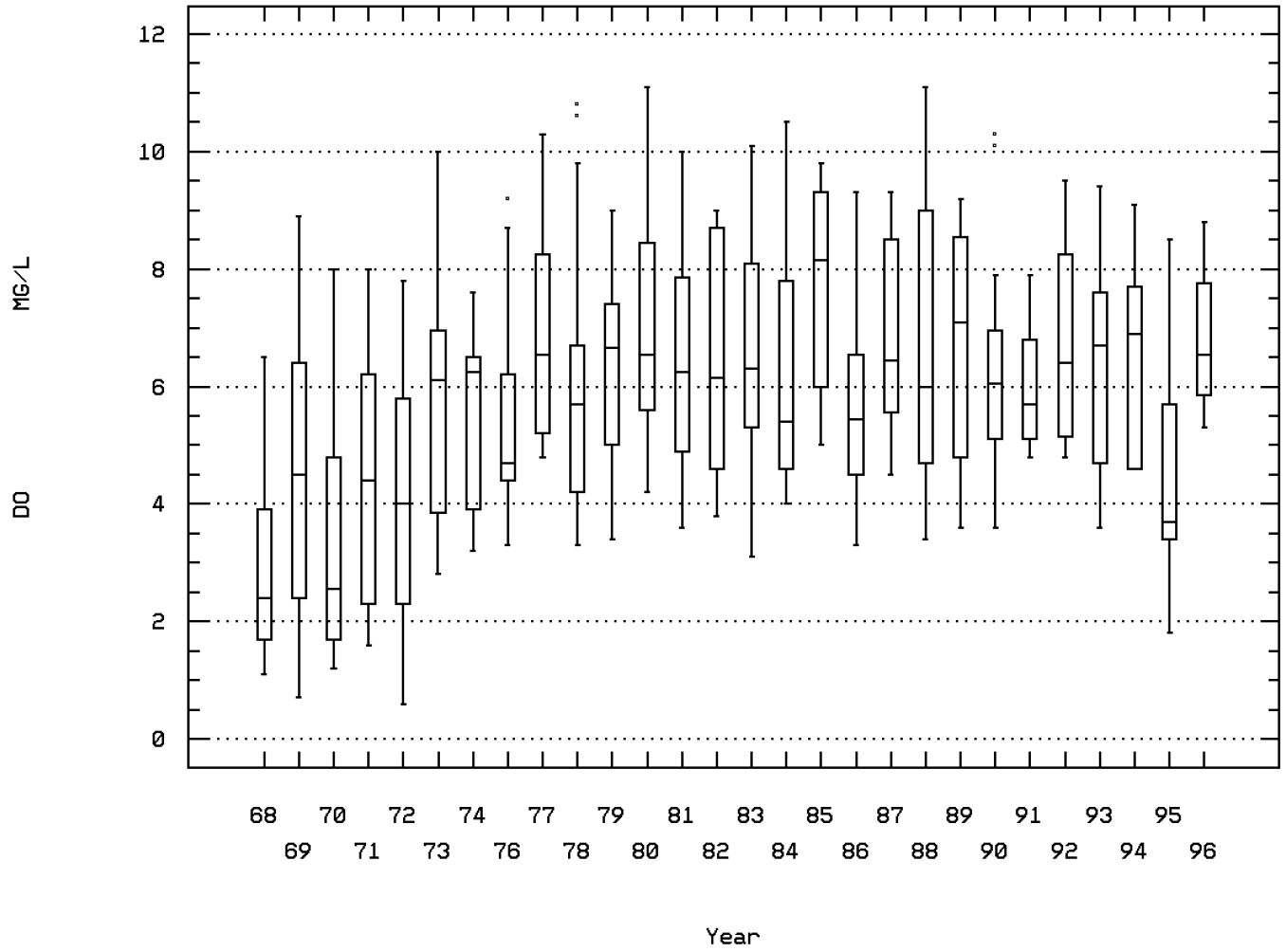
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot



SAVANNAH RIVER - ENTRANCE TO SOUTH CHAN

Station: FOPU0101 Parameter Code: 00300

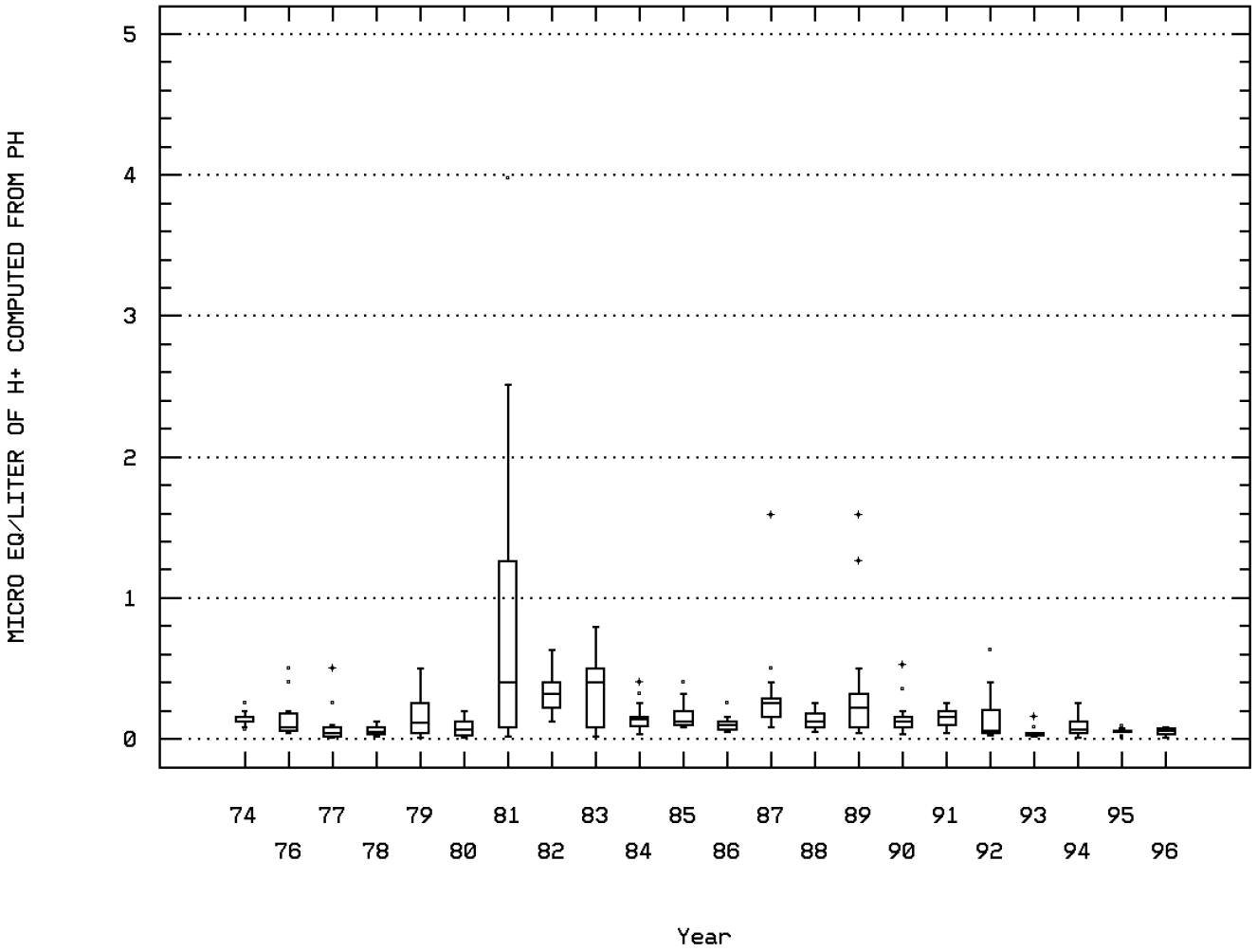
OXYGEN, DISSOLVED



SAVANNAH RIVER - ENTRANCE TO SOUTH CHAN

Station: FOPU0101 Parameter Code: 00400

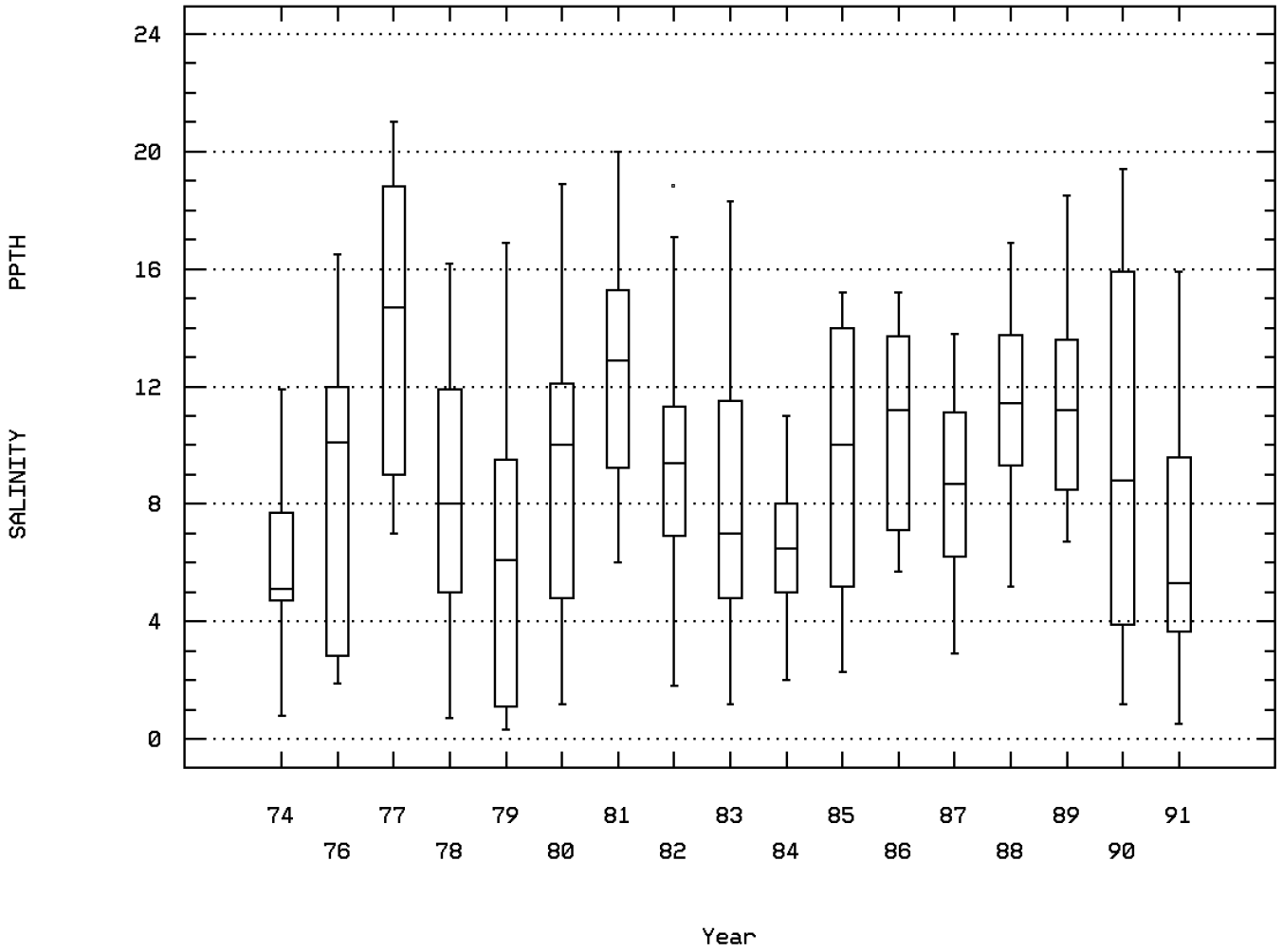
MICRO EQ/LITER OF H+ COMPUTED FROM PH



SAVANNAH RIVER - ENTRANCE TO SOUTH CHAN

Station: FOPU0101 Parameter Code: 00480

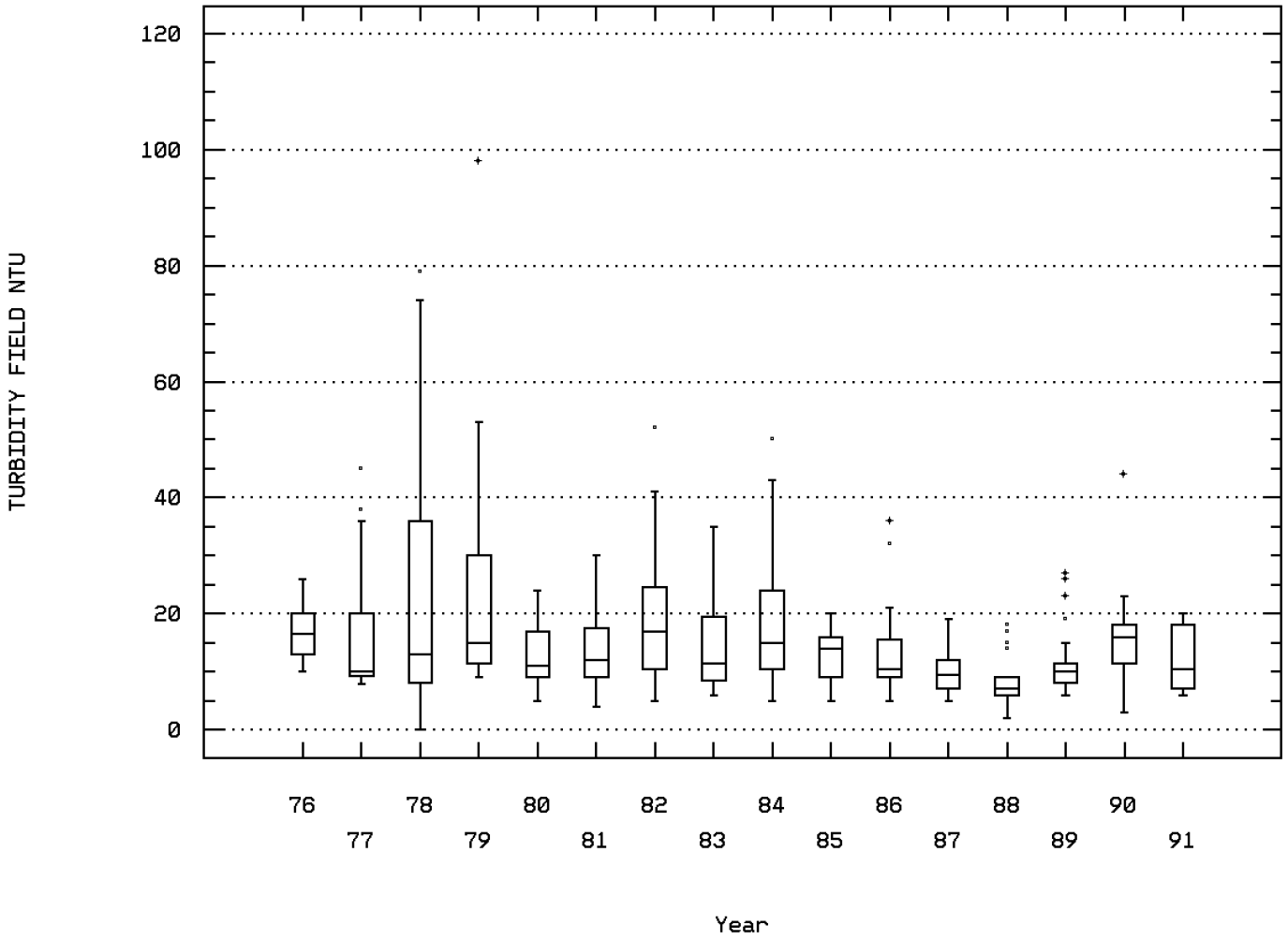
SALINITY - PARTS PER THOUSAND



SAVANNAH RIVER - ENTRANCE TO SOUTH CHAN

Station: FOPU0101 Parameter Code: 82078

TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY



SAVANNAH RIVER - ENTRANCE TO SOUTH CHAN

Seasonal Analysis for Season #1: 6/01 to 11/14 - Station FOPU0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	270	3.	10.015	20.	0.	72.312	8.504	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/20/68-11/07/96	282	26.5	25.61	31.	14.	12.329	3.511	20.	24.	28.25	29.41
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/04/72-11/07/96	213	26.	25.963	37.	5.	28.457	5.334	20.	23.	29.	32.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-08/15/96	196	18000.	17419.092	34600.	21.	42481513.027	6517.784	9370.	13000.	21975.	25500.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/68-08/20/84	77	11000.	11956.104	32000.	2000.	36261995.147	6021.793	5200.	7400.	14650.	20040.
00300p	OXYGEN, DISSOLVED MG/L	03/20/68-11/07/96	282	4.6	4.438	8.5	0.6	2.442	1.563	1.9	3.6	5.4	6.37
00310	BOD, 5 DAY, 20 DEG C MG/L	03/20/68-08/19/76	77	1.	1.208	3.9	0.2	0.56	0.748	0.48	0.65	1.6	2.12
00400	PH (STANDARD UNITS)	01/15/74-11/07/96	192	7.	6.979	7.9	5.4	0.205	0.453	6.4	6.7	7.3	7.5
00400	CONVERTED PH (STANDARD UNITS)	01/15/74-11/07/96	192	7.	6.663	7.9	5.4	0.305	0.553	6.4	6.7	7.3	7.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-11/07/96	192	0.1	0.217	3.981	0.013	0.236	0.486	0.032	0.05	0.2	0.398
00403	PH, LAB, STANDARD UNITS SU	02/15/68-08/20/84	79	6.9	6.963	7.9	5.6	0.159	0.398	6.6	6.8	7.3	7.5
00403	CONVERTED PH, LAB, STANDARD UNITS	02/15/68-08/20/84	79	6.9	6.737	7.9	5.6	0.211	0.459	6.6	6.8	7.3	7.5
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/15/68-08/20/84	79	0.126	0.183	2.512	0.013	0.102	0.319	0.032	0.05	0.158	0.251
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/21/68-08/19/76	74	43.	44.865	85.	22.	176.803	13.297	30.	34.75	50.	66.
00480	SALINITY - PARTS PER THOUSAND	02/05/74-06/25/91	169	10.3	10.506	20.	1.5	15.26	3.906	5.7	7.65	13.15	15.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/15/68-08/20/84	72	44.5	68.236	920.	3.	12408.436	111.393	8.9	30.25	75.75	109.8
00940	CHLORIDE,TOTAL IN WATER MG/L	02/15/68-08/19/76	75	3900.	4183.667	11300.	250.	5761646.847	2400.343	1580.	2500.	5400.	7500.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-08/19/76	44	4300.	18461.705	150000.	15.	1153541304.585	33963.823	1150.	2300.	23000.	43000.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-08/19/76	44	3.633	3.749	5.176	1.176	0.549	0.741	3.04	3.362	4.362	4.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5605.42								
82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	08/10/76-05/14/91	148	10.	12.178	98.	1.	80.661	8.981	7.	8.	14.	18.1

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

Seasonal Analysis for Season #2: 11/15 to 3/31 - Station FOPU0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	193	3.	10.29	20.	0.	73.342	8.564	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/20/68-11/07/96	194	12.15	12.353	20.5	6.	10.246	3.201	8.05	10.	14.125	16.9
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/04/72-11/07/96	149	12.5	12.651	26.	0.	32.851	5.732	5.	8.	16.25	20.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-08/15/96	156	10050.	11093.269	27400.	540.	41744442.792	6460.994	2667.	6000.	16075.	20830.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/68-08/20/84	36	8200.	9956.667	30000.	540.	38706542.857	6221.458	3570.	6350.	13000.	18090.
00300p	OXYGEN, DISSOLVED MG/L	03/20/68-11/07/96	195	8.2	7.836	11.1	1.8	2.967	1.722	5.5	6.7	9.	9.8
00310	BOD, 5 DAY, 20 DEG C MG/L	03/20/68-08/19/76	43	1.1	1.224	4.6	0.05	0.571	0.756	0.5	0.8	1.6	1.9
00400	PH (STANDARD UNITS)	01/15/74-11/07/96	150	6.9	6.911	8.01	5.8	0.215	0.464	6.3	6.6	7.13	7.6
00400	CONVERTED PH (STANDARD UNITS)	01/15/74-11/07/96	150	6.9	6.689	8.01	5.8	0.265	0.515	6.3	6.6	7.13	7.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-11/07/96	150	0.126	0.205	1.585	0.01	0.056	0.237	0.025	0.074	0.251	0.501
00403	PH, LAB, STANDARD UNITS SU	02/15/68-08/20/84	46	7.	6.993	7.4	6.3	0.06	0.245	6.67	6.875	7.2	7.3
00403	CONVERTED PH, LAB, STANDARD UNITS	02/15/68-08/20/84	46	7.	6.92	7.4	6.3	0.066	0.256	6.67	6.875	7.2	7.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/15/68-08/20/84	46	0.1	0.12	0.501	0.04	0.007	0.084	0.05	0.063	0.134	0.215
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/21/68-08/19/76	39	39.	40.641	110.	16.	319.605	17.877	21.	29.	50.	60.
00480	SALINITY - PARTS PER THOUSAND	02/05/74-06/25/91	130	8.	8.553	21.	0.5	25.118	5.012	2.03	4.425	12.125	16.17
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/15/68-08/20/84	44	52.	74.932	694.	16.	10775.46	103.805	25.5	40.	69.75	109.5
00940	CHLORIDE,TOTAL IN WATER MG/L	02/15/68-08/19/76	45	2600.	3160.733	12100.	305.	4674949.655	2162.163	836.	1950.	4100.	5400.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-08/19/76	25	4300.	6857.6	24000.	230.	31408619.	5604.339	1846.	2300.	9300.	15400.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-08/19/76	25	3.633	3.681	4.38	2.362	0.18	0.424	3.252	3.362	3.968	4.187
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4794.451								
82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	08/10/76-05/14/91	127	14.	16.581	53.	0.	125.715	11.212	6.	9.	20.	34.4

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

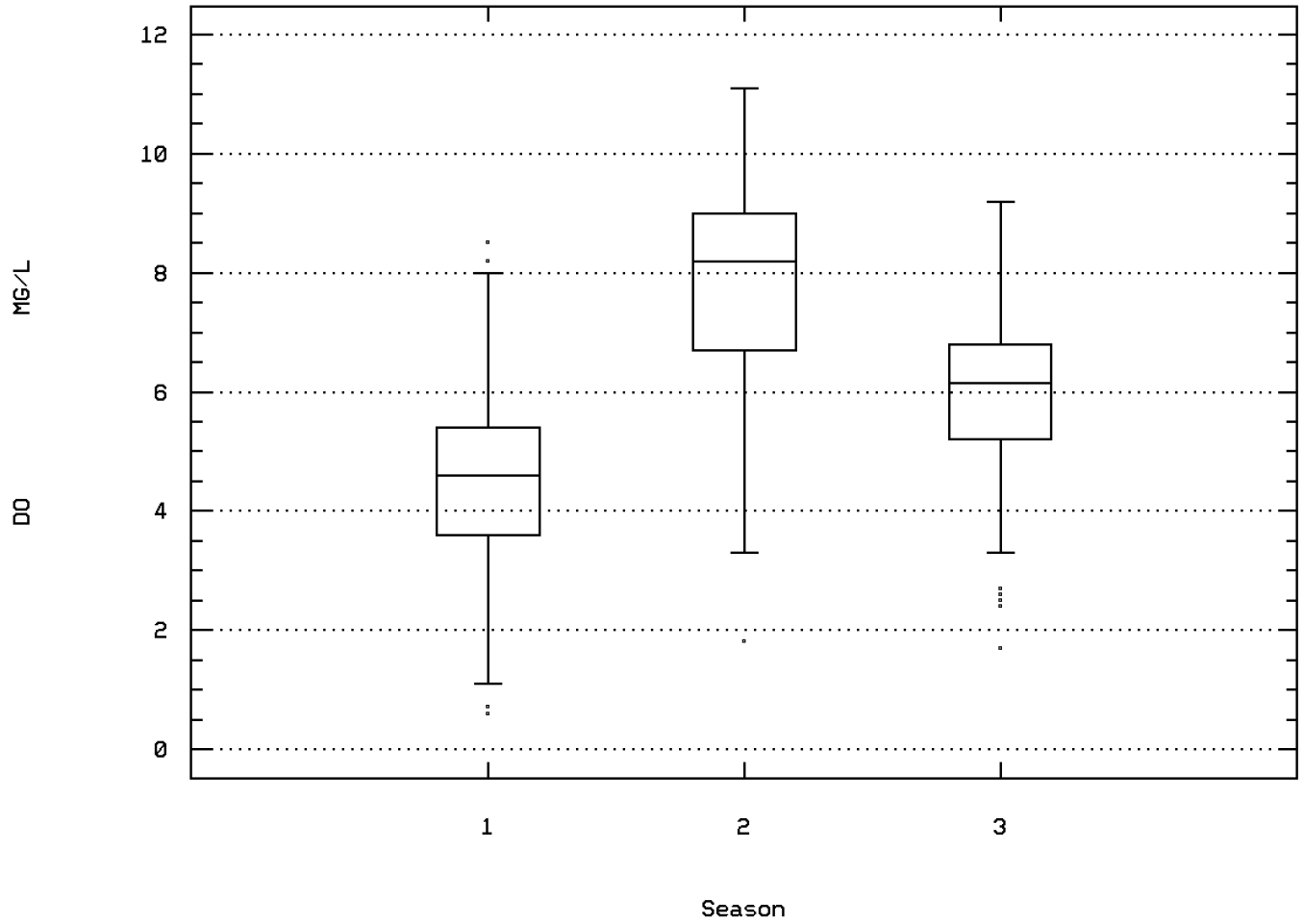
Seasonal Analysis for Season #3: 4/01 to 5/31 - Station FOPU0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/68-11/07/96	89	3.	10.607	20.	0.	72.946	8.541	3.	3.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/20/68-11/07/96	93	19.5	20.086	26.	13.5	6.621	2.573	17.	18.2	22.	23.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/04/72-11/07/96	71	22.5	21.27	32.	13.	17.526	4.186	14.4	18.5	24.	25.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/04/72-08/15/96	72	9550.	10802.75	29900.	572.	46267894.021	6802.051	1800.	6125.	15229.5	20910.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/20/68-08/20/84	16	10100.	11503.125	21800.	600.	33986156.25	5829.765	4380.	7225.	15500.	21660.
00300p	OXYGEN, DISSOLVED MG/L	03/20/68-11/07/96	94	6.15	5.87	9.2	1.7	2.038	1.427	3.85	5.2	6.8	7.4
00310	BOD, 5 DAY, 20 DEG C MG/L	03/20/68-08/19/76	24	1.	1.004	1.7	0.1	0.206	0.453	0.3	0.65	1.45	1.6
00400	PH (STANDARD UNITS)	01/15/74-11/07/96	71	6.8	6.865	7.8	6.1	0.165	0.407	6.32	6.6	7.1	7.58
00400	CONVERTED PH (STANDARD UNITS)	01/15/74-11/07/96	71	6.8	6.71	7.8	6.1	0.19	0.435	6.32	6.6	7.1	7.58
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/74-11/07/96	71	0.158	0.195	0.794	0.016	0.024	0.154	0.026	0.079	0.251	0.481
00403	PH, LAB, STANDARD UNITS SU	02/15/68-08/20/84	21	7.	7.081	7.8	6.5	0.083	0.287	6.8	6.9	7.25	7.48
00403	CONVERTED PH, LAB, STANDARD UNITS	02/15/68-08/20/84	21	7.	6.999	7.8	6.5	0.09	0.299	6.8	6.9	7.25	7.48
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/15/68-08/20/84	21	0.1	0.1	0.316	0.016	0.004	0.064	0.033	0.057	0.126	0.158
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/21/68-08/19/76	22	43.	43.818	85.	20.	228.537	15.117	23.4	34.	50.75	66.9
00480	SALINITY - PARTS PER THOUSAND	02/05/74-06/25/91	60	6.2	7.298	18.5	0.3	20.377	4.514	1.28	4.275	9.975	14.3
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/15/68-08/20/84	22	43.	51.227	138.	10.	998.851	31.605	21.9	30.	71.5	105.2
00940	CHLORIDE,TOTAL IN WATER MG/L	02/15/68-08/19/76	23	3500.	3606.739	8800.	180.	4147669.656	2036.583	855.6	2400.	4000.	6820.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-08/19/76	13	6400.	8363.077	24000.	620.	60153389.744	7755.862	972.	2100.	12150.	23600.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	02/15/68-08/19/76	13	3.806	3.724	4.38	2.792	0.222	0.471	2.946	3.322	4.072	4.373
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5294.529								
82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	08/10/76-05/14/91	53	18.	21.189	79.	4.	240.579	15.511	6.4	10.5	26.5	39.

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

Station: FOPU0101 Parameter Code: 00300

OXYGEN, DISSOLVED



SAVANNAH RIVER - ENTRANCE TO SOUTH CHAN

Station Inventory for Station: FOPU0102

NPS Station ID: FOPU0102
LAT/LON: 32.096115/ -80.948892
Agency: 21SC60WQ
Date Created: 10/22/88
Location: UP WRIGHT RVR 1.5MI FROM FIELDS CUT
FIPS State/County: 45053 SOUTH CAROLINA/JASPER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 19-20
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03050208
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: SAVANNAH
ECO Region:
RF1 Index: 03050208
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 03060109001604.79
RF3 Mile Point: 4.78
Distance from RF3: 0.32
On/Off RF3:
Description:

Parameter Inventory for Station: FOPU0102

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/29/88-12/02/98	83	22.	21.217	32.	10.	42.174	6.494	12.	16.	27.	29.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/29/88-12/02/98	83	23.	21.492	35.	2.	78.461	8.858	7.	15.	29.	32.
00480	SALINITY - PARTS PER THOUSAND	09/29/88-12/02/98	82	21.	19.75	30.	8.	29.884	5.467	11.3	15.	24.	26.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/29/88-12/02/98	82	8.	16.402	94.	1.	381.651	19.536	2.	4.	23.	46.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/29/88-12/02/98	82	0.903	0.942	1.973	0.	0.261	0.511	0.301	0.602	1.362	1.663
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.754								

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

EPA Water Quality Criteria Analysis for Station: FOPU0102

				Total	Exceed	Prop.	6/01-11/14			11/15-3/31			4/01-5/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	82	0	0.00	36	0	0.00	31	0	0.00	15	0	0.00			

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

Annual Analysis for 1988 - Station FOPU0102

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/29/88-12/02/98	3	22.	22.	25.	19.	9.	3.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/29/88-12/02/98	3	18.	18.	21.	15.	9.	3.	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	09/29/88-12/02/98	3	22.	21.667	22.5	20.5	1.083	1.041	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/29/88-12/02/98	3	2.	9.	23.	2.	147.	12.124	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/29/88-12/02/98	3	0.301	0.655	1.362	0.301	0.375	0.612	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.514								

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

Annual Analysis for 1989 - Station FOPU0102

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/29/88-12/02/98	6	20.5	20.167	29.	12.	42.167	6.494	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/29/88-12/02/98	6	18.5	17.833	27.	4.	69.367	8.329	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	09/29/88-12/02/98	6	21.	19.917	23.5	13.	15.642	3.955	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/29/88-12/02/98	6	8.	13.5	49.	2.	309.1	17.581	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/29/88-12/02/98	6	0.903	0.908	1.69	0.301	0.205	0.453	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.099								

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

Annual Analysis for 1990 - Station FOPU0102

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/29/88-12/02/98	5	21.	19.8	27.	12.	38.7	6.221	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/29/88-12/02/98	5	19.	21.2	28.	13.	39.2	6.261	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	09/29/88-12/02/98	5	10.	13.4	25.	9.	44.3	6.656	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/29/88-12/02/98	5	23.	33.6	82.	1.	1044.8	32.323	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/29/88-12/02/98	5	1.362	1.216	1.914	0.	0.556	0.745	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			16.441								

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

Annual Analysis for 1991 - Station FOPU0102

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/29/88-12/02/98	3	18.	19.	27.	12.	57.	7.55	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/29/88-12/02/98	3	23.	23.333	27.	20.	12.333	3.512	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	09/29/88-12/02/98	3	16.	17.	21.	14.	13.	3.606	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/29/88-12/02/98	3	13.	16.	33.	2.	247.	15.716	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/29/88-12/02/98	3	1.114	0.978	1.519	0.301	0.384	0.62	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.502								

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

Annual Analysis for 1992 - Station FOPU0102

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/29/88-12/02/98	7	18.	19.286	32.	12.	38.905	6.237	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/29/88-12/02/98	7	22.	23.857	34.	17.	35.143	5.928	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	09/29/88-12/02/98	7	21.	19.143	25.	12.	20.476	4.525	**	**	**	**

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

Annual Analysis for 1992 - Station FOPU0102

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/29/88-12/02/98	7	14.	27.429	70.	5.	558.286	23.628	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/29/88-12/02/98	7	1.146	1.29	1.845	0.699	0.16	0.4	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			19.478								

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

Annual Analysis for 1993 - Station FOPU0102

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/29/88-12/02/98	6	15.	18.	30.	10.	74.8	8.649	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/29/88-12/02/98	6	24.	21.	30.	7.	91.6	9.571	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	09/29/88-12/02/98	5	25.	20.8	30.	11.	75.7	8.701	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/29/88-12/02/98	5	13.	12.4	23.	2.	67.8	8.234	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/29/88-12/02/98	5	1.114	0.97	1.362	0.301	0.176	0.42	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.342								

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

Annual Analysis for 1994 - Station FOPU0102

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/29/88-12/02/98	9	23.	23.111	31.	11.	41.111	6.412	11.	19.	28.5	31.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/29/88-12/02/98	9	26.	24.444	35.	7.	104.028	10.199	7.	16.5	31.5	35.
00480	SALINITY - PARTS PER THOUSAND	09/29/88-12/02/98	9	21.	18.556	24.	10.	24.278	4.927	10.	14.	22.	24.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/29/88-12/02/98	9	13.	24.222	94.	2.	853.444	29.214	2.	6.5	34.	94.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/29/88-12/02/98	9	1.114	1.141	1.973	0.301	0.248	0.498	0.301	0.801	1.503	1.973
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			13.829								

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

Annual Analysis for 1995 - Station FOPU0102

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/29/88-12/02/98	8	22.5	22.375	32.	10.	50.554	7.11	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/29/88-12/02/98	8	24.	22.	34.	6.	86.857	9.32	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	09/29/88-12/02/98	8	19.	18.5	24.	13.	13.714	3.703	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/29/88-12/02/98	8	25.	20.5	33.	2.	168.	12.961	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/29/88-12/02/98	8	1.397	1.158	1.519	0.301	0.221	0.47	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			14.396								

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

Annual Analysis for 1996 - Station FOPU0102

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/29/88-12/02/98	12	21.5	20.75	29.	10.	48.023	6.93	10.9	14.	27.5	28.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/29/88-12/02/98	12	25.	21.667	32.	2.	85.333	9.238	5.	15.25	29.75	31.7
00480	SALINITY - PARTS PER THOUSAND	09/29/88-12/02/98	12	22.	21.417	28.	11.	30.083	5.485	11.6	17.75	26.	28.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/29/88-12/02/98	12	7.5	12.417	79.	1.	449.72	21.207	1.3	4.25	8.	59.2
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/29/88-12/02/98	12	0.874	0.821	1.898	0.	0.207	0.455	0.09	0.626	0.903	1.663
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.619								

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

Annual Analysis for 1997 - Station FOPU0102

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/29/88-12/02/98	12	23.	22.75	32.	10.	43.295	6.58	11.2	18.75	28.75	31.4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/29/88-12/02/98	12	22.5	19.833	33.	3.	131.424	11.464	3.	7.75	31.75	32.7
00480	SALINITY - PARTS PER THOUSAND	09/29/88-12/02/98	12	26.	23.5	28.	14.	22.455	4.739	14.6	20.5	27.	28.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/29/88-12/02/98	12	3.	8.417	49.	1.	198.992	14.106	1.	2.	5.	41.2
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/29/88-12/02/98	12	0.452	0.58	1.69	0.	0.261	0.511	0.	0.301	0.699	1.592
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.798								

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

Annual Analysis for 1998 - Station FOPU0102

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/29/88-12/02/98	12	24.	22.167	31.	11.	41.804	6.466	11.9	15.925	27.75	30.4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/29/88-12/02/98	12	25.4	21.65	34.	4.	101.07	10.053	4.9	14.25	29.75	33.1
00480	SALINITY - PARTS PER THOUSAND	09/29/88-12/02/98	12	20.5	18.75	26.	8.	32.75	5.723	8.6	14.25	23.5	25.4
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/29/88-12/02/98	12	8.	11.25	33.	1.	96.023	9.799	1.3	5.25	20.	30.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/29/88-12/02/98	12	0.903	0.885	1.519	0.	0.187	0.432	0.09	0.719	1.282	1.471
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.668								

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

Seasonal Analysis for Season #1: 6/01 to 11/14 - Station FOPU0102

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/29/88-12/02/98	36	28.	26.778	32.	18.	12.635	3.555	21.7	24.	29.	31.3
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/29/88-12/02/98	36	29.	27.778	35.	6.	30.521	5.525	21.7	25.25	31.75	34.
00480	SALINITY - PARTS PER THOUSAND	09/29/88-12/02/98	36	22.	21.125	28.	10.	19.505	4.416	14.8	18.5	24.75	26.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/29/88-12/02/98	36	7.5	14.306	94.	1.	421.59	20.533	1.	2.	20.75	33.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/29/88-12/02/98	36	0.874	0.829	1.973	0.	0.304	0.551	0.	0.301	1.314	1.519
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.747								

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

Seasonal Analysis for Season #2: 11/15 to 3/31 - Station FOPU0102

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/29/88-12/02/98	32	14.	14.594	22.	10.	11.803	3.436	10.	12.	17.75	19.21
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/29/88-12/02/98	32	14.5	13.713	29.	2.	49.755	7.054	3.3	7.	19.	23.56
00480	SALINITY - PARTS PER THOUSAND	09/29/88-12/02/98	31	20.	19.065	30.	9.	33.412	5.78	11.2	14.	22.	28.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/29/88-12/02/98	31	8.	15.613	49.	2.	245.645	15.673	2.	5.	23.	48.4
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/29/88-12/02/98	31	0.903	0.973	1.69	0.301	0.214	0.462	0.301	0.699	1.362	1.685
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.387								

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

Seasonal Analysis for Season #3: 4/01 to 5/31 - Station FOPU0102

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/29/88-12/02/98	15	22.	22.	26.	18.	8.857	2.976	18.	18.	24.	26.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/29/88-12/02/98	15	24.	23.	31.	12.	30.714	5.542	14.4	19.	27.	30.4
00480	SALINITY - PARTS PER THOUSAND	09/29/88-12/02/98	15	16.	17.867	27.	8.	42.838	6.545	9.2	12.	24.	27.
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/29/88-12/02/98	15	13.	23.067	79.	2.	567.495	23.822	3.2	5.	27.	73.6
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/29/88-12/02/98	15	1.114	1.151	1.898	0.301	0.213	0.462	0.482	0.699	1.431	1.866
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			14.156								

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

Station Inventory for Station: FOPU0103

NPS Station ID: FOPU0103 | LAT/LON: 32.098393/ -81.081448 | Agency: 11NPSWRD | Date Created: 01/16/99
Location: SAVANNAH RIVER AT THE TIDE GATE | FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/AMBNT/ESTURY | STORET Station ID(s): FOPU_GDNR_25
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 03060109 | Depth of Water: 0 | Aquifer:
Major Basin: SOUTHEAST | Elevation: 0 | Water Body Id:
Minor Basin: SAVANNAH RIVER | ECO Region:
RF1 Index: 03060109 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 03060109002008.47 | RF3 Mile Point: 8.65 | Distance from RF3: 0.58 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE SAVANNAH GA-SC 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE AND IS LOCATED OUTSIDE OF FORT PULASKI NATIONAL MONUMENT (FOPU). THE SITE IS LOCATED AT THE SAVANNAH RIVER AT THE TIDE GATE. SAMPLES WERE COLLECTED AND ANALYZED BY THE GEORGIA ENVIRONMENTAL PROTECTION DIVISION WITH THE ASSISTANCE OF THE CITY OF SAVANNAH AND THE U.S. ENVIRONMENTAL PROTECTION AGENCY. DATA ARE FROM THE GEORGIA DEPARTMENT OF NATURAL RESOURCES REPORT "RELEASE OF 7500 CURIES OF TRITIUM TO THE SAVANNAH RIVER FROM THE SAVANNAH RIVER SITE" (JAMES HARDEMAN JR.; JANUARY 1992). THE REPORT DOCUMENTS THE RESPONSE OF NUMEROUS AGENCIES TO THE RELEASE OF TRITIUM BY A NUCLEAR REACTOR AT THE SAVANNAH RIVER SITE. FOR INFORMATION ABOUT THE MONUMENT CONTACT NATURAL RESOURCES; FOPU; P.O. BOX 30757; SAVANNAH GA 31410 TEL(912)786-5787. DATA WERE PROCESSED AND UPLOADED TO STORET BY ARIA BRISSETTE; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 TEL(970)225-3516.

Parameter Inventory for Station: FOPU0103

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
04124 TRITIUM, TOTAL, WATER PCI/ML	01/04/92-01/06/92	3	19.11	21.	27.63	16.26	34.998	5.916	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: FOPU0103

			Total	Exceed	Prop.	6/01-11/14			11/15-3/31			4/01-5/31			n/a		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.

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

Station Inventory for Station: FOPU0104

NPS Station ID: FOPU0104
LAT/LON: 32.099170/ -81.086670
Agency: 1113S090
Date Created: / /
Location: BACK R AT TALMADGE BRIDGE
FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 133065 /SR-3065 /SRBR-1 B-1
RMI-Indexes: 0313050 001120
Within Park Boundary: No
RMI-Miles: 0011.00 0003.00
HUC: 03060109
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: SAVANNAH RIVER BASIN
ECO Region:
RF1 Index: 03060109006
RF1 Mile Point: 3.850
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 03060109001601.64
RF3 Mile Point: 1.63
Distance from RF3: 0.13
On/Off RF3:
Description:
CENTER LINE OF BACK RIVER AT TALMADGE BRIDGE

Parameter Inventory for Station: FOPU0104

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

***** Data for this station locked by controlling agency *****

Station Inventory for Station: FOPU0105

NPS Station ID: FOPU0105
LAT/LON: 32.099448/ -81.085837
Agency: 32PHLANS
Date Created: 03/21/92
Location: SAVANNAH RIVER
FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 3
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03060109
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: SAVANNAH RIVER
ECO Region:
RF1 Index: 03060109
RF1 Mile Point: 0.000
Distance from RF1: 1.40
On/Off RF1:
RF3 Index: 03060109011000.00
RF3 Mile Point: 0.53
Distance from RF3: 0.13
On/Off RF3:
Description:
IN THE DREDGED CHANNEL

Parameter Inventory for Station: FOPU0105

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/90-08/04/90	32	27.7	25.103	29.9	17.	26.353	5.134	17.5	18.05	28.9	29.71
00068	DEPTH, MAXIMUM, OF SAMPLE (FEET)	04/09/90-08/04/90	32	0.5	1.547	5.	0.5	2.683	1.638	0.5	0.5	3.375	4.35
00300	OXYGEN, DISSOLVED MG/L	04/09/90-08/04/90	32	4.7	5.156	7.4	3.5	1.737	1.318	3.7	4.1	6.6	7.2
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/09/90-08/04/90	32	62.	62.969	79.	48.	82.16	9.064	49.6	55.5	70.	76.
00480	SALINITY - PARTS PER THOUSAND	04/09/90-08/04/90	32	8.55	7.031	15.1	0.	20.111	4.485	0.5	1.85	10.	11.85

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

EPA Water Quality Criteria Analysis for Station: FOPU0105

				Total	Exceed	Prop.	6/01-11/14			11/15-3/31			4/01-5/31			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	32	7	0.22	22	7	0.32				10	0	0.00			

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

Station Inventory for Station: FOPU0106

NPS Station ID: FOPU0106
LAT/LON: 32.099503/ -81.002005
Agency: 1114PEST
Date Created: 11/09/91
Location: MIDSTREAM BETWEEN MARKERS 46 AND 48-RM9.0
FIPS State/County: 13051 GEORGIA/CHATHAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 135050C /S-3-SRG
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 03060109
Depth of Water: 0
Aquifer:
Major Basin: SOUTHEAST
Elevation: 0
Water Body Id:
Minor Basin: SAVANNAH RIVER
ECO Region:
RF1 Index: 03060109
RF1 Mile Point: 0.000
Distance from RF1: 0.80
On/Off RF1:
RF3 Index: 03060109092400.00
RF3 Mile Point: 0.02
Distance from RF3: 0.12
On/Off RF3:
Description:
SEE STATION 135050A FOR NARRATIVE INFORMATION

Parameter Inventory for Station: FOPU0106

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

******** No Parameter Data at this Station Suitable for Statistical Analysis ********

EPA Water Quality Criteria Analysis for Entire FOPU Study Area

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-11/14 Obs	6/01-11/14 Exceed	6/01-11/14 Prop.	11/15-3/31 Obs	11/15-3/31 Exceed	11/15-3/31 Prop.	4/01-5/31 Obs	4/01-5/31 Exceed	4/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	28	0	0.00	28	0	0.00									
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	703	126	0.18	331	52	0.16	270	51	0.19	102	23	0.23			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4148	793	0.19	2079	671	0.32	1341	25	0.02	728	97	0.13			
00400	PH	Fresh Chronic	9.	2714	1	0.00	1245	0	0.00	979	1	0.00	490	0	0.00			
		Other-Lo Lim.	6.5	2714	441	0.16	1245	168	0.13	979	175	0.18	490	98	0.20			
00403	PH, LAB	Fresh Chronic	9.	1852	0	0.00	923	0	0.00	647	0	0.00	282	0	0.00			
		Other-Lo Lim.	6.5	1851 &	98	0.05	922	54	0.06	647	30	0.05	282	14	0.05			
00406	PH, FIELD	Fresh Chronic	9.	102	44	0.43	40	17	0.43	46	19	0.41	16	8	0.50			
		Marine Chronic	8.5	17	6	0.35	8	3	0.38	9	3	0.33						
		Other-Lo Lim.	6.5	119	9	0.08	48	5	0.10	55	3	0.05	16	1	0.06			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	102	0	0.00	40	0	0.00	46	0	0.00	16	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	3	0	0.00				3	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	102	0	0.00	40	0	0.00	46	0	0.00	16	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	996	0	0.00	483	0	0.00	355	0	0.00	158	0	0.00			
00720	CYANIDE, TOTAL	Fresh Acute	0.022	2	0	0.00	2	0	0.00									
		Drinking Water	0.2	2	0	0.00	2	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1711	1580	0.92	844	807	0.96	587	525	0.89	280	248	0.89			
		Drinking Water	250.	1711	1662	0.97	844	831	0.98	587	563	0.96	280	268	0.96			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	31	28	0.90	13	12	0.92	16	14	0.88	2	2	1.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	3	0	0.00				3	0	0.00						
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	8 &	0	0.00	1	0	0.00	5	0	0.00	2	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	15	0	0.00	14	0	0.00	1	0	0.00						
		Drinking Water	50.	11 &	0	0.00	10	0	0.00	1	0	0.00						
01007	BARIUM, TOTAL	Drinking Water	2000.	2	0	0.00	2	0	0.00									
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	2	0	0.00	2	0	0.00									
		Drinking Water	4.	0 &	0	0.00												
01027	CADMIUM, TOTAL	Fresh Acute	3.9	4 &	0	0.00	2	0	0.00	2	0	0.00						
		Drinking Water	5.	4 &	0	0.00	2	0	0.00	2	0	0.00						
01034	CHROMIUM, TOTAL	Drinking Water	100.	17	2	0.12	16	2	0.13	1	0	0.00						
01042	COPPER, TOTAL	Fresh Acute	18.	4 &	0	0.00	4	0	0.00									
		Drinking Water	1300.	15	0	0.00	14	0	0.00	1	0	0.00						
01051	LEAD, TOTAL	Fresh Acute	82.	9 &	1	0.11	8	1	0.13	1	0	0.00						
		Drinking Water	15.	7 &	2	0.29	6	2	0.33	1	0	0.00						
01059	THALLIUM, TOTAL	Fresh Acute	1400.	2	0	0.00	2	0	0.00									
		Drinking Water	2.	0 &	0	0.00												
01067	NICKEL, TOTAL	Fresh Acute	1400.	5	0	0.00	4	0	0.00	1	0	0.00						
		Drinking Water	100.	4 &	0	0.00	4	0	0.00									
01077	SILVER, TOTAL	Fresh Acute	4.1	1 &	0	0.00	1	0	0.00									
		Drinking Water	100.	3	0	0.00	2	0	0.00	1	0	0.00						
01092	ZINC, TOTAL	Fresh Acute	120.	15	0	0.00	14	0	0.00	1	0	0.00						
		Drinking Water	5000.	15	0	0.00	14	0	0.00	1	0	0.00						
01097	ANTIMONY, TOTAL	Fresh Acute	88.	2	0	0.00	2	0	0.00									
		Drinking Water	6.	0 &	0	0.00												
01147	SELENIUM, TOTAL	Fresh Acute	20.	2	0	0.00	2	0	0.00									
		Drinking Water	50.	2	0	0.00	2	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	695	212	0.31	306	94	0.31	249	80	0.32	140	38	0.27			
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	375	1	0.00	172	0	0.00	130	1	0.01	73	0	0.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	1870 &	768	0.41	860	378	0.44	676	262	0.39	334	128	0.38			
32101	BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	2	0	0.00	2	0	0.00									
32102	CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	2	0	0.00	2	0	0.00									
		Drinking Water	5.	2	0	0.00	2	0	0.00									
32103	1,2-DICHLOROETHANE,WHOLE WATER	Fresh Acute	118000.	2	0	0.00	2	0	0.00									
		Drinking Water	5.	2	0	0.00	2	0	0.00									
32104	BROMOFORM, WHOLE WATER	Drinking Water	100.	2	0	0.00	2	0	0.00									
32106	CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	2	0	0.00	2	0	0.00									
		Drinking Water	100.	2	0	0.00	2	0	0.00									
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	2	0	0.00	2	0	0.00									
		Drinking Water	1000.	2	0	0.00	2	0	0.00									
34205	ACENAPHTHENE, TOTAL	Fresh Acute	1700.	2	0	0.00	2	0	0.00									
34210	ACROLEIN, TOTAL	Fresh Acute	68.	1	0	0.00	1	0	0.00									
34215	ACRYLONITRILE, TOTAL	Fresh Acute	7550.	1	0	0.00	1	0	0.00									

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

EPA Water Quality Criteria Analysis for Entire FOPU Study Area

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-11/14 Obs	6/01-11/14 Exceed	6/01-11/14 Prop.	11/15-3/31 Obs	11/15-3/31 Exceed	11/15-3/31 Prop.	4/01-5/31 Obs	4/01-5/31 Exceed	4/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
34301	CHLOROBENZENE, TOTAL	Drinking Water	100.	2	0	0.00	2	0	0.00									
34306	CHLORODIBROMOMETHANE, TOTAL	Drinking Water	100.	2	0	0.00	2	0	0.00									
34356	ENDOSULFAN, BETA, TOTAL	Fresh Acute	0.22	2	0	0.00	2	0	0.00									
34361	ENDOSULFAN, ALPHA, TOTAL	Fresh Acute	0.22	2	0	0.00	2	0	0.00									
34371	ETHYLBENZENE, TOTAL	Fresh Acute	32000.	2	0	0.00	2	0	0.00									
		Drinking Water	700.	2	0	0.00	2	0	0.00									
34376	FLUORANTHENE, TOTAL	Fresh Acute	3980.	2	0	0.00	2	0	0.00									
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL	Fresh Acute	7.	1 &	0	0.00	1	0	0.00									
		Drinking Water	50.	2	0	0.00	2	0	0.00									
34396	HEXACHLOROETHANE, TOTAL	Fresh Acute	980.	2	0	0.00	2	0	0.00									
34403	INDENO (1,2,3-CD) PYRENE, TOTAL	Drinking Water	0.4	0 &	0	0.00												
34408	ISOPHORONE, TOTAL	Fresh Acute	117000.	2	0	0.00	2	0	0.00									
34423	METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	2	0	0.00	2	0	0.00									
34447	NITROBENZENE, TOTAL	Fresh Acute	27000.	2	0	0.00	2	0	0.00									
34452	PARACHLOROMETA CRESOL, TOTAL	Fresh Acute	30.	1 &	0	0.00	1	0	0.00									
34461	PHENANTHRENE, TOTAL	Fresh Acute	30.	2	0	0.00	2	0	0.00									
34475	TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	2	0	0.00	2	0	0.00									
		Drinking Water	5.	2	0	0.00	2	0	0.00									
34501	1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	2	0	0.00	2	0	0.00									
34506	1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	2	0	0.00	2	0	0.00									
34511	1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	2	0	0.00	2	0	0.00									
34536	1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	2	0	0.00	2	0	0.00									
34541	1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	2	0	0.00	2	0	0.00									
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	2	0	0.00	2	0	0.00									
34551	1,2,4-TRICHLOROBENZENE, TOTAL	Drinking Water	70.	2	0	0.00	2	0	0.00									
34566	1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	2	0	0.00	2	0	0.00									
34571	1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	2	0	0.00	2	0	0.00									
34586	2-CHLOROPHENOL, TOTAL	Fresh Acute	4380.	2	0	0.00	2	0	0.00									
34601	2,4-DICHLOROPHENOL, TOTAL	Fresh Acute	2020.	2	0	0.00	2	0	0.00									
34606	2,4-DIMETHYLPHENOL, TOTAL	Fresh Acute	2120.	2	0	0.00	2	0	0.00									
34611	2,4-DINITROTOLUENE, TOTAL	Fresh Acute	330.	2	0	0.00	2	0	0.00									
34694	PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	Fresh Acute	10200.	2	0	0.00	2	0	0.00									
34696	NAPHTHALENE, TOTAL	Fresh Acute	2300.	2	0	0.00	2	0	0.00									
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	2	0	0.00	2	0	0.00									
		Drinking Water	1.	2	0	0.00	2	0	0.00									
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	Fresh Acute	2000.	2	0	0.00	2	0	0.00									
		Drinking Water	6.	2	0	0.00	2	0	0.00									
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	0 &	0	0.00												
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	2	0	0.00	2	0	0.00									
		Drinking Water	5.	2	0	0.00	2	0	0.00									
39300	P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	2	0	0.00	2	0	0.00									
39310	P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	2	0	0.00	2	0	0.00									
39320	P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	2	0	0.00	2	0	0.00									
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	2	0	0.00	2	0	0.00									
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	2	0	0.00	2	0	0.00									
		Drinking Water	0.2	2	0	0.00	2	0	0.00									
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	6	0	0.00	6	0	0.00									
		Drinking Water	2.	6	0	0.00	6	0	0.00									
39360	DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	4	0	0.00	4	0	0.00									
39365	DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	4	0	0.00	4	0	0.00									
39370	DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	4	0	0.00	4	0	0.00									
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	2	0	0.00	2	0	0.00									
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	6	0	0.00	6	0	0.00									
		Drinking Water	2.	6	0	0.00	6	0	0.00									
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	2	0	0.00	2	0	0.00									
		Drinking Water	3.	2	0	0.00	2	0	0.00									
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	2	0	0.00	2	0	0.00									
		Drinking Water	0.4	2	0	0.00	2	0	0.00									
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	2	0	0.00	2	0	0.00									
		Drinking Water	0.2	2	0	0.00	2	0	0.00									
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	6	0	0.00	6	0	0.00									

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

EPA Water Quality Criteria Analysis for Entire FOPU Study Area

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/01-11/14 Obs	6/01-11/14 Exceed	6/01-11/14 Prop.	11/15-3/31 Obs	11/15-3/31 Exceed	11/15-3/31 Prop.	4/01-5/31 Obs	4/01-5/31 Exceed	4/01-5/31 Prop.	n/a Obs	n/a Exceed	n/a Prop.
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	2	0	0.00	2	0	0.00									
		Drinking Water	1.	2	0	0.00	2	0	0.00									
39730	2,4-D IN WHOLE WATER SAMPLE	Drinking Water	70.	2	0	0.00	2	0	0.00									
39760	SILVEX IN WHOLE WATER SAMPLE	Drinking Water	50.	2	0	0.00	2	0	0.00									
39782	LINDANE IN WHOLE WATER SAMPLE	Fresh Acute	2.	4	0	0.00	4	0	0.00									
		Drinking Water	0.2	4	0	0.00	4	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	3	0	0.00				3	0	0.00						
71900	MERCURY, TOTAL	Fresh Acute	2.4	14	0	0.00	13	0	0.00	1	0	0.00						
		Drinking Water	2.	14	0	0.00	13	0	0.00	1	0	0.00						
77128	STYRENE, WHOLE WATER	Drinking Water	100.	2	0	0.00	2	0	0.00									
77651	1,2-DIBROMOETHANE, WHOLE WATER	Drinking Water	0.05	0 &	0	0.00												
77687	2,4,5-TRICHLOROPHENOL, WHOLE WATER	Fresh Acute	100.	1	0	0.00	1	0	0.00									
81403	DURSBAN (CHLOROPYRIFOS) WHOLE WATER SAMP	Fresh Acute	0.083	1	0	0.00	1	0	0.00									
82078	TURBIDITY, FIELD	Other-Hi Lim.	50.	1590	36	0.02	708	8	0.01	611	15	0.02	271	13	0.05			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00				1	0	0.00						

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

NPS Servicewide Inventory and Monitoring Program Level I

Water Quality Parameter Inventory Data Evaluation and Analysis:

Missing Level I Groups

There are STORET Data for Every Level I I&M Parameter Group Within the FOPU Study Area

NPS Servicewide Inventory and Monitoring Program Level I

Water Quality Parameter Inventory Data Evaluation and Analysis:

Present Level I Groups

STORET Data Within the FOPU Study Area Exist for These Groups:

Alkalinity		Total Obs.	01/01/85 to 12/10/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	1756	403	519	834	14
00440	BICARBONATE ION (MG/L AS HCO3)	3	0	0	3	1
00445	CARBONATE ION (MG/L AS CO3)	3	0	0	3	1
		1762	403	519	840	16 (14)[!]

pH		Total Obs.	01/01/85 to 12/10/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00400	PH (STANDARD UNITS)	3158	1107	1502	549	16
00403	PH, LAB (STANDARD UNITS)	1852	405	539	908	18
00406	PH, FIELD (STANDARD UNITS)	119	119	0	0	3
		5129	1631	2041	1457	37 (23)[!]

Conductivity		Total Obs.	01/01/85 to 12/10/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	2715	1192	1205	318	12
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	2276	407	876	993	17
00480	SALINITY - PARTS PER THOUSAND	3282	2014	1123	145	31
		8273	3613	3204	1456	60 (38)[!]

Dissolved Oxygen		Total Obs.	01/01/85 to 12/10/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00300	OXYGEN, DISSOLVED (MG/L)	4770	1636	1656	1478	25
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION	66	66	0	0	2
		4836	1702	1656	1478	27 (25)[!]

Water Temperature		Total Obs.	01/01/85 to 12/10/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	5014	2559	1524	931	36
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	681	0	279	402	1
		5695	2559	1803	1333	37 (37)[!]

Flow		Total Obs.	01/01/85 to 12/10/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00060	FLOW, STREAM, MEAN DAILY CFS	1833	0	0	1833	2
00065	STAGE, STREAM (FEET)	227	2	129	96	8
00067	TIDE STAGE CODE	697	498	143	56	6
		2757	500	272	1985	16 (15)[!]

[!]Since a station can have data for more than one of the parameters in the parameter group, the number in the parenthesis is the number of unique stations having data for this parameter group.

Clarity/Turbidity		Total Obs.	01/01/85 to 12/10/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00070	TURBIDITY, (JACKSON CANDLE UNITS)	28	0	28	0	4
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	703	153	306	244	10
00077	TRANSPARENCY, SECCHI DISC (INCHES)	51	51	0	0	1
00078	TRANSPARENCY, SECCHI DISC (METERS)	80	79	1	0	4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	1681	316	537	828	14
82078	TURBIDITY, FIELD NEPHELOMETRIC TURBIDITY UNITS NTU	1590	678	912	0	5
82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	1	1	0	0	1
		4134	1278	1784	1072	39 (15)[!]

Nitrate/Nitrogen		Total Obs.	01/01/85 to 12/10/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	993	407	511	75	11
00612	AMMONIA, UNIONZED (MG/L AS N)	8	8	0	0	1
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	3	0	0	3	1
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	119	119	0	0	3
00625	NITROGEN, KJELDAHL, TOTAL (MG/L AS N)	264	212	52	0	5
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	1004	410	520	74	12
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	3	0	0	3	1
		2394	1156	1083	155	34 (16)[!]

Phosphate/Phosphorus		Total Obs.	01/01/85 to 12/10/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00665	PHOSPHORUS, TOTAL (MG/L AS P)	997	408	515	74	11
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	14	14	0	0	3
		1011	422	515	74	14 (11)[!]

Chlorophyll		Total Obs.	01/01/85 to 12/10/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
32209	CHLOROPHYLL A (UG/L) FLUOROMETRIC CORRECTED	35	35	0	0	3
		35	35	0	0	3 (3)[!]

Sulfates/Total Dissolved Solids/Hardness		Total Obs.	01/01/85 to 12/10/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00900	HARDNESS, TOTAL (MG/L AS CACO3)	25	0	12	13	4
00945	SULFATE, TOTAL (MG/L AS SO4)	31	27	0	4	6
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), (MG/L)	3	0	0	3	1
		59	27	12	20	11 (8)[!]

Bacteria		Total Obs.	01/01/85 to 12/10/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
31505	COLIFORM, TOT, MPN, CONFIRMED TEST,35C(TUBE 31506)	695	56	373	266	14
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	375	375	0	0	5
31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	1871	782	545	544	16
		2941	1213	918	810	35 (22)[!]

[!]Since a station can have data for more than one of the parameters in the parameter group, the number in the parenthesis is the number of unique stations having data for this parameter group.

Toxic Elements		Total Obs.	01/01/85 to 12/10/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
01097	ANTIMONY, TOTAL (UG/L AS SB)	2	2	0	0	1
01002	ARSENIC, TOTAL (UG/L AS AS)	15	9	5	1	4
01012	BERYLLIUM, TOTAL (UG/L AS BE)	2	2	0	0	1
01027	CADMIUM, TOTAL (UG/L AS CD)	16	9	5	2	4
01034	CHROMIUM, TOTAL (UG/L AS CR)	17	9	7	1	5
01042	COPPER, TOTAL (UG/L AS CU)	15	9	5	1	4
01051	LEAD, TOTAL (UG/L AS PB)	15	9	5	1	4
71900	MERCURY, TOTAL (UG/L AS HG)	14	8	5	1	4
01067	NICKEL, TOTAL (UG/L AS NI)	5	2	2	1	2
01147	SELENIUM, TOTAL (UG/L AS SE)	2	2	0	0	1
01077	SILVER, TOTAL (UG/L AS AG)	3	2	0	1	1
01059	THALLIUM, TOTAL (UG/L AS TL)	2	2	0	0	1
01092	ZINC, TOTAL (UG/L AS ZN)	15	9	5	1	4
00720	CYANIDE, TOTAL (MG/L AS CN)	2	2	0	0	1
34210	ACROLEIN, TOTAL (UG/L)	1	1	0	0	1
34215	ACRYLONITRILE, TOTAL (UG/L)	1	1	0	0	1
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXT. (UG/L)	2	2	0	0	1
32104	BROMOFORM, WHOLE WATER, (UG/L)	2	2	0	0	1
32102	CARBON TETRACHLORIDE, WHOLE WATER, (UG/L)	2	2	0	0	1
34301	CHLOROBENZENE, TOTAL (UG/L)	3	3	0	0	2
34306	CHLORODIBROMOMETHANE, TOTAL (UG/L)	2	2	0	0	1
34311	CHLOROETHANE, TOTAL (UG/L)	2	2	0	0	1
34576	2-CHLOROETHYL VINYL ETHER, TOTAL (UG/L)	1	1	0	0	1
32106	CHLOROFORM, WHOLE WATER (UG/L)	2	2	0	0	1
32101	BROMODICHLOROMETHANE, WHOLE WATER (UG/L)	2	2	0	0	1
34496	1,1-DICHLOROETHANE, TOTAL (UG/L)	2	2	0	0	1
32103	1,2-DICHLOROETHANE, WHOLE WATER (UG/L)	2	2	0	0	1
34501	1,1-DICHLOROETHYLENE, TOTAL (UG/L)	2	2	0	0	1
34541	1,2-DICHLOROPROPANE, TOTAL (UG/L)	2	2	0	0	1
34371	ETHYLBENZENE, TOTAL (UG/L)	2	2	0	0	1
34413	METHYL BROMIDE, TOTAL (UG/L)	2	2	0	0	1
34418	METHYL CHLORIDE, TOTAL (UG/L)	2	2	0	0	1
34423	METHYLENE CHLORIDE, TOTAL (UG/L)	2	2	0	0	1
34506	1,1,1-TRICHLOROETHANE, TOTAL (UG/L)	2	2	0	0	1
34475	TETRACHLOROETHYLENE, TOTAL (UG/L)	2	2	0	0	1
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXT. (UG/L)	2	2	0	0	1
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER (UG/L)	2	2	0	0	1
34516	1,1,2,2-TETRACHLOROETHANE, TOTAL (UG/L)	2	2	0	0	1
34511	1,1,2-TRICHLOROETHANE, TOTAL (UG/L)	2	2	0	0	1
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE (UG/L)	2	2	0	0	1
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE (UG/L)	2	2	0	0	1
34586	2-CHLOROPHENOL, TOTAL (UG/L)	2	2	0	0	1
34601	2,4-DICHLOROPHENOL, TOTAL (UG/L)	2	2	0	0	1
34606	2,4-DIMETHYLPHENOL, TOTAL (UG/L)	2	2	0	0	1
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL), TOTAL (UG/L)	2	2	0	0	1
34616	2,4-DINITROPHENOL, TOTAL (UG/L)	2	2	0	0	1
34591	2-NITROPHENOL, TOTAL (UG/L)	2	2	0	0	1
34646	4-NITROPHENOL, TOTAL (UG/L)	2	2	0	0	1
34452	PARACHLOROMETA CRESOL, TOTAL (UG/L)	2	2	0	0	1
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE (UG/L)	2	2	0	0	1
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTAL (UG/L)	2	2	0	0	1
34621	2,4,6-TRICHLOROPHENOL, TOTAL (UG/L)	2	2	0	0	1
34205	ACENAPHTHENE, TOTAL (UG/L)	2	2	0	0	1
34200	ACENAPHTHYLENE, TOTAL (UG/L)	2	2	0	0	1
34220	ANTHRACENE, TOTAL (UG/L)	2	2	0	0	1

[1]Since a station can have data for more than one of the parameters in the parameter group, the number in the parenthesis is the number of unique stations having data for this parameter group.

Toxic Elements - Continued ...		Total Obs.	01/01/85 to 12/10/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	2	2	0	0	1
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE, TOTAL (UG/L)	2	2	0	0	1
34247	BENZO-A-PYRENE, TOTAL (UG/L)	2	2	0	0	1
34230	BENZO(B)FLUORANTHENE, WHOLE WATER (UG/L)	2	2	0	0	1
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE, TOTAL (UG/L)	2	2	0	0	1
34242	BENZO(K)FLUORANTHENE, TOTAL (UG/L)	2	2	0	0	1
34278	BIS (2-CHLOROETHOXY) METHANE, TOTAL (UG/L)	2	2	0	0	1
34273	BIS (2-CHLOROETHYL) ETHER, TOTAL (UG/L)	2	2	0	0	1
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER (UG/L)	2	2	0	0	1
34636	4-BROMOPHENYL PHENYL ETHER, TOTAL (UG/L)	2	2	0	0	1
34638	4-BROMOPHENYL PHENYL ETHER, SUSPENDED (UG/L)	1	1	0	0	1
34292	N-BUTYL BENZYL PHTHALATE, WHOLE WATER (UG/L)	2	2	0	0	1
34581	2-CHLORONAPHTHALENE, TOTAL (UG/L)	2	2	0	0	1
34641	4-CHLOROPHENYL PHENYL ETHER, TOTAL (UG/L)	2	2	0	0	1
34320	CHRYSENE, TOTAL (UG/L)	2	2	0	0	1
34556	1,2,5,6-DIBENZANTHRACENE, TOTAL (UG/L)	2	2	0	0	1
34536	1,2-DICHLOROBENZENE, TOTAL (UG/L)	2	2	0	0	1
34566	1,3-DICHLOROBENZENE, TOTAL (UG/L)	2	2	0	0	1
34571	1,4-DICHLOROBENZENE, TOTAL (UG/L)	2	2	0	0	1
34631	3,3'-DICHLOROBENZIDINE, TOTAL (UG/L)	2	2	0	0	1
34336	DIETHYL PHTHALATE, TOTAL (UG/L)	2	2	0	0	1
34341	DIMETHYL PHTHALATE, TOTAL (UG/L)	2	2	0	0	1
39110	DI-N-BUTYL PHTHALATE, WHOLE WATER (UG/L)	2	2	0	0	1
34611	2,4-DINITROTOLUENE, TOTAL (UG/L)	2	2	0	0	1
34626	2,6-DINITROTOLUENE, TOTAL (UG/L)	2	2	0	0	1
34596	DI-N-OCTYL PHTHALATE, TOTAL (UG/L)	2	2	0	0	1
34376	FLUORANTHENE, TOTAL (UG/L)	2	2	0	0	1
34381	FLUORENE, TOTAL (UG/L)	2	2	0	0	1
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	2	2	0	0	1
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL (UG/L)	2	2	0	0	1
34396	HEXACHLOROETHANE, TOTAL (UG/L)	2	2	0	0	1
34403	INDENO (1,2,3-CD) PYRENE, TOTAL (UG/L)	2	2	0	0	1
34408	ISOPHORONE, TOTAL (UG/L)	2	2	0	0	1
34696	NAPHTHALENE, TOTAL (UG/L)	2	2	0	0	1
34447	NITROBENZENE, TOTAL (UG/L)	2	2	0	0	1
34438	N-NITROSODIMETHYLAMINE, TOTAL (UG/L)	2	2	0	0	1
34428	N-NITROSODI-N-PROPYLAMINE, TOTAL (UG/L)	2	2	0	0	1
34433	N-NITROSODIPHENYLAMINE, TOTAL (UG/L)	2	2	0	0	1
34461	PHENANTHRENE, TOTAL (UG/L)	2	2	0	0	1
34469	PYRENE, TOTAL (UG/L)	2	2	0	0	1
34551	1,2,4-TRICHLOROBENZENE, TOTAL (UG/L)	2	2	0	0	1
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	2	2	0	0	1
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER (UG/L)	2	2	0	0	1
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER (UG/L)	2	2	0	0	1
39340	GAMMA-BHC(LINDANE), WHOLE WATER (UG/L)	2	2	0	0	1
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	4	4	0	0	3
34259	DELTA BENZENE HEXACHLORIDE, TOTAL (UG/L)	2	2	0	0	1
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATER (UG/L)	6	6	0	0	4
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	2	2	0	0	1
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	4	4	0	0	3
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	2	2	0	0	1
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	4	4	0	0	3
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	2	2	0	0	1
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	4	4	0	0	3
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	2	2	0	0	1

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Toxic Elements - Continued ...		Total Obs.	01/01/85 to 12/10/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations	
34361	ENDOSULFAN, ALPHA, TOTAL (UG/L)	2	2	0	0	1	
34356	ENDOSULFAN, BETA, TOTAL (UG/L)	2	2	0	0	1	
34351	ENDOSULFAN SULFATE, TOTAL (UG/L)	2	2	0	0	1	
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	6	6	0	0	4	
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	2	2	0	0	1	
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	2	2	0	0	1	
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE (UG/L)	2	2	0	0	1	
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE (UG/L)	2	2	0	0	1	
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE (UG/L)	2	2	0	0	1	
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE (UG/L)	2	2	0	0	1	
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE (UG/L)	2	2	0	0	1	
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE (UG/L)	2	2	0	0	1	
34671	PCB - 1016, TOTAL (UG/L)	2	2	0	0	1	
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	2	2	0	0	1	
		358	309	39	10	162	(6)[1]

[1]Since a station can have data for more than one of the parameters in the parameter group, the number in the parenthesis is the number of unique stations having data for this parameter group.

NPS Servicewide Inventory and Monitoring Program Level I

Water Quality Parameter Inventory Data Evaluation and Analysis:

Park Summary: Level I Group Currentness and Distribution

Parameter Group	Total Obs.	Obs. Since 1985	% Obs. Since 1985	Stations Measuring This Group	% of Total Stations Measuring This Group	Obs. Per Station Measuring This Group	Period of Record For This Group	Observations Per Year of Period of Record
Alkalinity	1762	403	22.9	14	23.0	125.9	03/07/60-12/10/98	45.5
pH	5129	1631	31.8	23	37.7	223.0	03/07/60-12/10/98	132.3
Conductivity	8273	3613	43.7	38	62.3	217.7	03/07/60-12/10/98	213.4
Dissolved Oxygen	4836	1702	35.2	25	41.0	193.4	02/15/68-12/10/98	156.9
Water Temperature	5695	2559	44.9	37	60.7	153.9	08/08/66-12/10/98	176.1
Flow	2757	500	18.1	15	24.6	183.8	08/08/66-12/02/98	85.3
Clarity/Turbidity	4134	1278	30.9	15	24.6	275.6	02/15/68-12/10/98	134.1
Nitrate/Nitrogen	2394	1156	48.3	16	26.2	149.6	03/07/60-12/10/98	61.8
Phosphate/Phosphorus	1011	422	41.7	11	18.0	91.9	09/11/73-12/10/98	40.0
Chlorophyll	35	35	100.0	3	4.9	11.7	03/18/85-12/02/87	12.9
Sulfates/Total Dissolved Solids/Hardness	59	27	45.8	8	13.1	7.4	03/07/60-12/10/98	1.5
Bacteria	2941	1213	41.2	22	36.1	133.7	08/08/66-12/10/98	90.9
Toxic Elements	358	309	86.3	6	9.8	59.7	11/28/73-06/19/95	16.6

Water Quality Observations
Outside STORET Edit Criteria for FOPU

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
FOPU0007	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	900606	1215	449500.0000000	21GAEPD	01040001	X
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	740122	1400	29400.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	740319	1315	27600.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	740416	1150	30410.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	740528	1000	32670.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	740528	1125	17040.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	740618	1300	33100.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	740723	1645	34160.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	740723	1945	18480.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	740813	1130	29590.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	740917	1640	30980.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	741015	1545	31140.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	741112	1340	33030.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	741112	1500	20000.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	741210	1200	33040.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	741210	1335	18170.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	750114	1600	31500.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	750211	1455	25570.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	750325	1200	23670.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	750408	1300	21800.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	750506	1215	22900.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	750610	1530	31500.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	750708	1415	32000.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	750805	1315	27700.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	750916	1210	31500.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	751014	1145	32000.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	751104	1435	30220.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	751216	1210	28900.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	760113	1150	28390.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	760210	1120	26900.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	760317	1425	29420.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	760413	1245	23410.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	760511	1140	29810.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	760608	1150	25940.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	760727	1410	31000.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	760810	1440	32430.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	760908	1500	30690.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	761019	1225	28640.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	761102	1215	29760.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	761208	1450	25420.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	770119	1310	26400.0000000	21GAEPD	01040001	

Water Quality Observations
Outside STORET Edit Criteria for FOPU

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	770215	1250	28500.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	770315	1145	27510.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	770412	1115	26290.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	770517	1415	30560.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	770614	1245	31900.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	770712	1235	36130.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	770809	1240	38700.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	770913	1430	33450.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	771011	1400	34900.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	771108	1230	31200.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	771208		31060.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	780111	1350	48910.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	780208	1445	22420.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	780307	1235	25090.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	780418	1255	32430.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	780523	1445	30780.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	780620	1355	30500.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	780718	1330	33950.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	780831	1315	33660.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	780912	1155	34360.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	781017	1525	34090.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	781113	1355	35860.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	790208	1230	31670.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	790313	1330	27800.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	790410	1315	29660.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	790510	1340	22700.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	790605	1330	30870.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	790711	1500	29040.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	790807	1445	39250.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	790918	1420	33090.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	791011	1425	32920.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	791113	1145	34360.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	791205	1340	31200.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	800213	1230	24020.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	800319	1515	28410.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	800416	1430	20320.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	800514	1500	29440.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	800611	1420	32100.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	800716	1550	35840.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	800910	1545	39230.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	801008	1445	34540.0000000	21GAEPD	01040001	

Water Quality Observations
Outside STORET Edit Criteria for FOPU

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	801103	1250	35780.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	801210	1455	36140.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	810107	1450	36540.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	810204	1400	39140.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	810304	1315	34000.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	810415	1250	37400.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	810506	1515	36730.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	810603	1515	37130.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	810715	1350	39280.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	810812	1245	38120.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	810916	1635	34130.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	811014	1500	35640.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	811112	1515	34480.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	811209	1235	37300.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	850618	1230	35240.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	850912	1100	33520.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	851212	1121	29770.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	860312	1353	31650.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	860611	1527	32900.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	860917	1223	37710.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	861204	1434	32650.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	870311	1113	21810.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	870610	1245	31860.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	870902	0802	36120.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	871202	1124	35990.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	880317	1218	32030.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	880614	1410	35610.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	880921	0910	25300.0000000	21GAEPD	01040001	
FOPU0007	00500	RESIDUE, TOTAL (MG/L)	881109	1235	33600.0000000	21GAEPD	01040001	
FOPU0007	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	730911		32010.0000000	21GAEPD	01040001	
FOPU0007	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	731009		31000.0000000	21GAEPD	01040001	
FOPU0007	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	731113		31500.0000000	21GAEPD	01040001	
FOPU0007	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	731218		31880.0000000	21GAEPD	01040001	
FOPU0007	00940	CHLORIDE,TOTAL IN WATER MG/L	750506	1215	22500.0000000	21GAEPD	01040001	
FOPU0007	00940	CHLORIDE,TOTAL IN WATER MG/L	781017	1525	25600.0000000	21GAEPD	01040001	
FOPU0007	00940	CHLORIDE,TOTAL IN WATER MG/L	810916	1635	22600.0000000	21GAEPD	01040001	
FOPU0007	00940	CHLORIDE,TOTAL IN WATER MG/L	811014	1500	23000.0000000	21GAEPD	01040001	
FOPU0007	00940	CHLORIDE,TOTAL IN WATER MG/L	811112	1515	22800.0000000	21GAEPD	01040001	
FOPU0007	00940	CHLORIDE,TOTAL IN WATER MG/L	811209	1235	23250.0000000	21GAEPD	01040001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	740122	1145	32600.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	740225	1500	29160.0000000	21GAEPD	01030001	

Water Quality Observations
Outside STORET Edit Criteria for FOPU

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	740319	1150	30300.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	740416	0955	32160.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	740528	0745	32790.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	740618	1130	35900.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	740723	1645	33870.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	740813	1000	25740.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	740917	1510	34160.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	741015	1410	33360.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	741112	1200	32880.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	741210	1040	34440.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	750114	1400	33800.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	750211	1330	28570.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	750325	1020	30160.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	750408	1145	25820.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	750506	1100	27900.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	750610	1400	32500.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	750708	1245	35200.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	750805	1200	31900.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	750916	1045	30500.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	751014	1035	32100.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	751104	1330	32070.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	751216	1020	32400.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	760113	1030	30590.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	760210	1000	29960.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	760317	1300	29880.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	760413	1130	28500.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	760511	1030	28270.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	760608	1020	26740.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	760727	1250	32730.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	760810	1330	34080.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	760908	1325	30480.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	761019	1020	28140.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	761102	1005	30070.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	761208	1310	29280.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	770119	1115	29840.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	770215	1115	29740.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	770315	1025	28920.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	770412	1020	25660.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	770517	1230	32470.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	770614	1050	32380.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	770712	1110	37860.0000000	21GAEPD	01030001	

Water Quality Observations
Outside STORET Edit Criteria for FOPU

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	770809	1100	36410.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	770913	1233	35120.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	771011	1225	33450.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	771108	1050	32550.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	771206	1100	30760.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	780111	1215	30710.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	780208	1630	23510.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	780307	1110	29590.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	780418	1110	32520.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	780523	1415	32510.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	780620	1230	32280.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	780718	1145	36250.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	780831	1150	35250.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	780912	1030	33600.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	781017	1400	35020.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	781113	1135	36150.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	790109	1215	34680.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	790208	1110	32100.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	790313	1200	28780.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	790410	1130	32700.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	790510	1145	26730.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	790605	1145	31140.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	790711	1230	33330.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	790807	1230	42360.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	790918	1230	31720.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	791010	1230	27490.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	791113	1000	31780.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	791205	1210	32500.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	800116	1120	31770.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	800213	1055	28780.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	800319	1330	27210.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	800416	1230	28850.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	800514	1310	33400.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	800611	1250	34600.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	800716	1410	33710.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	800910	1405	35310.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	801008	1625	36140.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	801103	1030	34420.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	801210	1315	38480.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	810107	1305	36570.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	810204	1200	37300.0000000	21GAEPD	01030001	

Water Quality Observations
Outside STORET Edit Criteria for FOPU

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	810304	1130	35350.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	810415	1050	33520.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	810506	1340	38240.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	810603	1330	38440.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	810715	1215	39890.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	810812	1100	40150.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	810916	1500	36250.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	811014	1325	35650.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	811112	1340	35500.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	811209	1100	34280.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	820127	1700	32000.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	850318	1215	30130.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	850618	1450	34280.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	850912	1305	33560.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	851212	1308	30540.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	860312	1542	30960.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	860611	1606	31410.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	860917	1503	34120.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	861204	1515	32870.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	870311	1222	20380.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	870610	1406	30070.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	870902	0928	32800.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	871202	1054	36440.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	880317	1332	31730.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	880614	1525	32790.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	880921	1045	26740.0000000	21GAEPD	01030001	
FOPU0014	00500	RESIDUE, TOTAL (MG/L)	881109	1350	34020.0000000	21GAEPD	01030001	
FOPU0014	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	730911		32860.0000000	21GAEPD	01030001	
FOPU0014	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	731009		31600.0000000	21GAEPD	01030001	
FOPU0014	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	731113		28000.0000000	21GAEPD	01030001	
FOPU0014	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	731218		29080.0000000	21GAEPD	01030001	
FOPU0014	00940	CHLORIDE,TOTAL IN WATER MG/L	780912	1030	23750.0000000	21GAEPD	01030001	
FOPU0014	00940	CHLORIDE,TOTAL IN WATER MG/L	810916	1500	23200.0000000	21GAEPD	01030001	
FOPU0014	00940	CHLORIDE,TOTAL IN WATER MG/L	811014	1325	23500.0000000	21GAEPD	01030001	
FOPU0014	00940	CHLORIDE,TOTAL IN WATER MG/L	811112	1340	23600.0000000	21GAEPD	01030001	
FOPU0014	00940	CHLORIDE,TOTAL IN WATER MG/L	811209	1100	23750.0000000	21GAEPD	01030001	
FOPU0014	00945	SULFATE, TOTAL (MG/L AS SO4)	850618	1450	3150.0000000	21GAEPD	01030001	
FOPU0037	00500	RESIDUE, TOTAL (MG/L)	740319	1215	15800.0000000	21GAEPD	01027001	
FOPU0037	00500	RESIDUE, TOTAL (MG/L)	740618	1200	17600.0000000	21GAEPD	01027001	
FOPU0037	00500	RESIDUE, TOTAL (MG/L)	740723	0001	19260.0000000	21GAEPD	01027001	
FOPU0037	00500	RESIDUE, TOTAL (MG/L)	740723		19260.0000000	21GAEPD	01027001	

Water Quality Observations
Outside STORET Edit Criteria for FOPU

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
FOPU0037	00500	RESIDUE, TOTAL (MG/L)	740917	1535	16980.0000000	21GAEPD	01027001	
FOPU0037	00500	RESIDUE, TOTAL (MG/L)	741015	1445	19450.0000000	21GAEPD	01027001	
FOPU0037	00500	RESIDUE, TOTAL (MG/L)	741112	1220	19950.0000000	21GAEPD	01027001	
FOPU0037	00500	RESIDUE, TOTAL (MG/L)	750708	1325	19700.0000000	21GAEPD	01027001	
FOPU0037	00500	RESIDUE, TOTAL (MG/L)	750805	1230	16700.0000000	21GAEPD	01027001	
FOPU0037	00500	RESIDUE, TOTAL (MG/L)	760810	1400	15570.0000000	21GAEPD	01027001	
FOPU0037	00500	RESIDUE, TOTAL (MG/L)	760908	1400	33510.0000000	21GAEPD	01027001	
FOPU0037	00500	RESIDUE, TOTAL (MG/L)	770517	1315	15060.0000000	21GAEPD	01027001	
FOPU0037	00500	RESIDUE, TOTAL (MG/L)	770614	1115	15760.0000000	21GAEPD	01027001	
FOPU0037	00500	RESIDUE, TOTAL (MG/L)	770712	1150	18500.0000000	21GAEPD	01027001	
FOPU0037	00500	RESIDUE, TOTAL (MG/L)	770809	1140	17860.0000000	21GAEPD	01027001	
FOPU0037	00500	RESIDUE, TOTAL (MG/L)	770913	1320	22020.0000000	21GAEPD	01027001	
FOPU0037	00500	RESIDUE, TOTAL (MG/L)	771011	1305	21320.0000000	21GAEPD	01027001	
FOPU0037	00500	RESIDUE, TOTAL (MG/L)	771108	1135	18600.0000000	21GAEPD	01027001	
FOPU0037	00500	RESIDUE, TOTAL (MG/L)	780111	1255	19760.0000000	21GAEPD	01027001	
FOPU0037	00500	RESIDUE, TOTAL (MG/L)	780418	1145	16940.0000000	21GAEPD	01027001	
FOPU0037	00500	RESIDUE, TOTAL (MG/L)	780620	1310	17470.0000000	21GAEPD	01027001	
FOPU0037	00500	RESIDUE, TOTAL (MG/L)	780718	1225	19550.0000000	21GAEPD	01027001	
FOPU0037	00500	RESIDUE, TOTAL (MG/L)	780831	1220	20790.0000000	21GAEPD	01027001	
FOPU0037	00500	RESIDUE, TOTAL (MG/L)	780912	1105	57540.0000000	21GAEPD	01027001	
FOPU0037	00500	RESIDUE, TOTAL (MG/L)	781017	1420	24290.0000000	21GAEPD	01027001	
FOPU0037	00500	RESIDUE, TOTAL (MG/L)	781113	1220	22070.0000000	21GAEPD	01027001	
FOPU0037	00500	RESIDUE, TOTAL (MG/L)	790711	1320	21130.0000000	21GAEPD	01027001	
FOPU0037	00500	RESIDUE, TOTAL (MG/L)	790807	1345	18900.0000000	21GAEPD	01027001	
FOPU0037	00500	RESIDUE, TOTAL (MG/L)	790918	1315	15550.0000000	21GAEPD	01027001	
FOPU0037	00500	RESIDUE, TOTAL (MG/L)	791011	1315	19550.0000000	21GAEPD	01027001	
FOPU0037	00500	RESIDUE, TOTAL (MG/L)	791205	1245	16900.0000000	21GAEPD	01027001	
FOPU0037	00500	RESIDUE, TOTAL (MG/L)	800116	1215	16690.0000000	21GAEPD	01027001	
FOPU0037	00500	RESIDUE, TOTAL (MG/L)	800514	1400	17810.0000000	21GAEPD	01027001	
FOPU0037	00500	RESIDUE, TOTAL (MG/L)	800716	1445	17310.0000000	21GAEPD	01027001	
FOPU0037	00500	RESIDUE, TOTAL (MG/L)	800910	1500	18480.0000000	21GAEPD	01027001	
FOPU0037	00500	RESIDUE, TOTAL (MG/L)	801008	1535	16920.0000000	21GAEPD	01027001	
FOPU0037	00500	RESIDUE, TOTAL (MG/L)	801103	1130	17530.0000000	21GAEPD	01027001	
FOPU0037	00500	RESIDUE, TOTAL (MG/L)	801210	1355	18500.0000000	21GAEPD	01027001	
FOPU0037	00500	RESIDUE, TOTAL (MG/L)	810107	1355	18980.0000000	21GAEPD	01027001	
FOPU0037	00500	RESIDUE, TOTAL (MG/L)	810204	1315	17210.0000000	21GAEPD	01027001	
FOPU0037	00500	RESIDUE, TOTAL (MG/L)	810304	1215	21380.0000000	21GAEPD	01027001	
FOPU0037	00500	RESIDUE, TOTAL (MG/L)	810415	1150	15910.0000000	21GAEPD	01027001	
FOPU0037	00500	RESIDUE, TOTAL (MG/L)	810506	1430	27990.0000000	21GAEPD	01027001	
FOPU0037	00500	RESIDUE, TOTAL (MG/L)	810603	1445	25280.0000000	21GAEPD	01027001	
FOPU0037	00500	RESIDUE, TOTAL (MG/L)	810715	1300	22170.0000000	21GAEPD	01027001	

Water Quality Observations
Outside STORET Edit Criteria for FOPU

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
FOPU0037	00500	RESIDUE, TOTAL (MG/L)	810812	1200	20520.0000000	21GAEPD	01027001	
FOPU0037	00500	RESIDUE, TOTAL (MG/L)	810916	1540	22790.0000000	21GAEPD	01027001	
FOPU0037	00500	RESIDUE, TOTAL (MG/L)	811014	1410	28750.0000000	21GAEPD	01027001	
FOPU0037	00500	RESIDUE, TOTAL (MG/L)	811112	1430	26850.0000000	21GAEPD	01027001	
FOPU0037	00500	RESIDUE, TOTAL (MG/L)	811209	1125	21660.0000000	21GAEPD	01027001	
FOPU0037	00500	RESIDUE, TOTAL (MG/L)	820323	1215	20630.0000000	21GAEPD	01027001	
FOPU0037	00500	RESIDUE, TOTAL (MG/L)	820421	1200	16580.0000000	21GAEPD	01027001	
FOPU0037	00500	RESIDUE, TOTAL (MG/L)	820525	1400	25120.0000000	21GAEPD	01027001	
FOPU0037	00500	RESIDUE, TOTAL (MG/L)	820623	1445	18760.0000000	21GAEPD	01027001	
FOPU0037	00500	RESIDUE, TOTAL (MG/L)	820721	1335	17830.0000000	21GAEPD	01027001	
FOPU0037	00500	RESIDUE, TOTAL (MG/L)	820825	0900	15140.0000000	21GAEPD	01027001	
FOPU0037	00500	RESIDUE, TOTAL (MG/L)	820915	1110	21620.0000000	21GAEPD	01027001	
FOPU0037	00500	RESIDUE, TOTAL (MG/L)	821012	1350	21270.0000000	21GAEPD	01027001	
FOPU0037	00500	RESIDUE, TOTAL (MG/L)	821108	1230	30400.0000000	21GAEPD	01027001	
FOPU0037	00500	RESIDUE, TOTAL (MG/L)	821227	1345	20870.0000000	21GAEPD	01027001	
FOPU0037	00500	RESIDUE, TOTAL (MG/L)	850318	1330	15860.0000000	21GAEPD	01027001	
FOPU0037	00500	RESIDUE, TOTAL (MG/L)	850618	1400	21480.0000000	21GAEPD	01027001	
FOPU0037	00500	RESIDUE, TOTAL (MG/L)	850912	1227	21680.0000000	21GAEPD	01027001	
FOPU0037	00500	RESIDUE, TOTAL (MG/L)	851212	1219	19870.0000000	21GAEPD	01027001	
FOPU0037	00500	RESIDUE, TOTAL (MG/L)	860312	1509	16170.0000000	21GAEPD	01027001	
FOPU0037	00500	RESIDUE, TOTAL (MG/L)	860611	1648	19160.0000000	21GAEPD	01027001	
FOPU0037	00500	RESIDUE, TOTAL (MG/L)	860917	1420	20110.0000000	21GAEPD	01027001	
FOPU0037	00500	RESIDUE, TOTAL (MG/L)	861204	1545	19110.0000000	21GAEPD	01027001	
FOPU0037	00500	RESIDUE, TOTAL (MG/L)	870610	1330	19860.0000000	21GAEPD	01027001	
FOPU0037	00500	RESIDUE, TOTAL (MG/L)	871202	1158	16680.0000000	21GAEPD	01027001	
FOPU0037	00500	RESIDUE, TOTAL (MG/L)	880317	1303	20020.0000000	21GAEPD	01027001	
FOPU0037	00500	RESIDUE, TOTAL (MG/L)	880614	1450	20920.0000000	21GAEPD	01027001	
FOPU0037	00500	RESIDUE, TOTAL (MG/L)	880921	1005	17900.0000000	21GAEPD	01027001	
FOPU0037	00500	RESIDUE, TOTAL (MG/L)	881109	1310	21590.0000000	21GAEPD	01027001	
FOPU0037	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	731113		35000.0000000	21GAEPD	01027001	
FOPU0038	00930	SODIUM, DISSOLVED (MG/L AS NA)	600307	1540	6179.9900000	112WRD	02198980	
FOPU0038	00935	POTASSIUM, DISSOLVED (MG/L AS K)	600307	1540	267.0000000	112WRD	02198980	
FOPU0038	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	600307	1240	7620.0000000	112WRD	02198980	
FOPU0038	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	600307	1540	21300.0000000	112WRD	02198980	
FOPU0038	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	600308	1030	6900.0000000	112WRD	02198980	
FOPU0046	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	961107	1230	75.0000000	21GAEPD	01026001	X
FOPU0059	00930	SODIUM, DISSOLVED (MG/L AS NA)	710707	1347	5100.0000000	1113GAWQ	130010	
FOPU0063	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	971211	1016	55.0000000	21GAEPD	01025001	X
FOPU0063	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	830719	1055	193000.0000000	21GAEPD	01025001	X
FOPU0063	00951	FLUORIDE, TOTAL (MG/L AS F)	970508	1100	20.0000000	21GAEPD	01025001	
FOPU0063	00951	FLUORIDE, TOTAL (MG/L AS F)	970717	1410	20.0000000	21GAEPD	01025001	

Water Quality Observations
Outside STORET Edit Criteria for FOPU

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
FOPU0063	00951	FLUORIDE, TOTAL (MG/L AS F)	970911	1245	20.0000000	21GAEPD	01025001	
FOPU0063	00951	FLUORIDE, TOTAL (MG/L AS F)	971016	0910	50.0000000	21GAEPD	01025001	
FOPU0063	00951	FLUORIDE, TOTAL (MG/L AS F)	971120	1111	16.7000000	21GAEPD	01025001	
FOPU0063	00951	FLUORIDE, TOTAL (MG/L AS F)	971211	1016	20.0000000	21GAEPD	01025001	
FOPU0063	00951	FLUORIDE, TOTAL (MG/L AS F)	980827	1114	20.0000000	21GAEPD	01025001	
FOPU0063	00951	FLUORIDE, TOTAL (MG/L AS F)	980917	1018	20.0000000	21GAEPD	01025001	
FOPU0063	00951	FLUORIDE, TOTAL (MG/L AS F)	981210	1124	20.0000000	21GAEPD	01025001	
FOPU0080	00480	SALINITY - PARTS PER THOUSAND	740205	1120	50.0000000	21GAEPD	01019001	X
FOPU0080	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	690225	1335	30.0000000	21GAEPD	01019001	
FOPU0089	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	971211	1104	55.0000000	21GAEPD	01021001	X
FOPU0089	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	790809	1005	72500.0000000	21GAEPD	01021001	
FOPU0089	00300	OXYGEN, DISSOLVED MG/L	941207	1019	680.0000000	21GAEPD	01021001	X
FOPU0089	00951	FLUORIDE, TOTAL (MG/L AS F)	970911	1310	20.0000000	21GAEPD	01021001	
FOPU0089	00951	FLUORIDE, TOTAL (MG/L AS F)	971016	0945	20.0000000	21GAEPD	01021001	
FOPU0089	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	751007	0920	11000000.0000000	21GAEPD	01021001	

APPENDICES

Appendix A

Computer Files Transmitted With

Park Baseline Water Quality Data Inventory and Analysis

Computer disk(s) accompanying this report include up to seven (depending on the presence or absence of certain data elements) compressed (ZIP) files containing digital copies of nearly all the tables, figures, and other materials used to produce this report. To decompress these files, you must use the commonly available shareware program PKUNZIP. The command to type at the DOS prompt is:

PKUNZIP -E *COMPRESS.ZIP FILENAME.EXT*

where COMPRESS.ZIP is the name of one of the seven compressed (ZIP) files listed below and FILENAME.EXT is the name of the file you wish to extract. If you want to decompress all of the files in COMPRESS.ZIP, simply omit the FILENAME.EXT. To obtain a listing of all the files compressed into a particular ZIP file, type the following:

PKUNZIP -V *COMPRESS.ZIP* |MORE

where COMPRESS.ZIP is the name of one of the seven compressed ZIP files listed below. If a ZIP file spans multiple disks, use the last disk of the series (span) when obtaining a listing of all the files compressed into a particular ZIP file. Once you see the file you wish to obtain, substitute this file name for FILENAME.EXT in the first command line above to extract and decompress this particular file.

Included on one of the disk(s) accompanying this report is a program named PRINTZIP. This program will decompress ZIP files which don't span multiple disks and print certain files to a Hewlett-Packard (or compatible) Laser Printer. To use PRINTZIP, however, you must still have a copy of PKUNZIP in a directory listed in your path or in the same directory as the PRINTZIP program. PRINTZIP provides an easy, menu-driven interface for using PKUNZIP to decompress files and then send them to the printer. PRINTZIP allows you to send individual files, groups of files, or all files to the printer. PRINTZIP will not work with ZIP files that span multiple disks.

The following compressed (ZIP) files are included on the disk(s) accompanying this report:

(1) FOPUTABS.ZIP

This compressed file contains all the tables presented in the report. The files compressed into this file include:

(a) FOPUSITE.DOC - Descriptive listing of select fields from the industrial facilities discharges, drinking water intakes, and EPA-USGS stream gages databases.

(b) FOPUAGNC.DOC - Contacts for agencies whose data were retrieved within the study area.

(c) FOPUAGNQ.DOC - Number of stations, observations, and parameters retrieved by agency code within the study area and park.

(d) FOPUOV0.DOC - Overview of park and retrieved data.

(e) FOPUOV1.DOC - Station period of record table.

(f) FOPUOV2.DOC - Parameter period of record table.

(g) FOPUOV3.DOC - Station/parameter period of record table.

(h) FOPUINV.DOC - Station by station descriptive statistics over the entire period of record and comparison against EPA Water Quality Criteria for each station.

(i) FOPUSEAN.DOC - Seasonal and annual water quality descriptive statistics at stations with water quality data meeting the default seasonal and annual criteria.

(j) FOPUEPAS.DOC - EPA Water Quality Criteria comparison for data at all stations combined within the study area.

(k) FOPUIDEA.DOC - Comparison of downloaded STORET data with NPS Servicewide Inventory and Monitoring Program "Level I" water quality parameters.

(l) FOPUBAD.DOC - Water quality observation values that were outside the range of one of 190 STORET edit criteria and were either discarded or retained.

All these compressed document files are in ASCII format and contain printer codes appropriate to Hewlett-Packard (or compatible) Laser Printers. While at the DOS prompt, any of these document files may be printed directly to a Hewlett-Packard (or compatible) Laser Printer by using the PRINT command. For example, if the document FOPUOV1.DOC is in the subdirectory C:\WATER, you could type: PRINT C:\WATER\FOPUOV1.DOC. This will print the file to your local or networked Hewlett-Packard (or compatible) Laser Printer attached to parallel port one (LPT1:). Alternatively, you can use the PRINTZIP program to decompress and print any of these files provided the ZIP file doesn't span multiple disks. These ASCII files can also be imported into word-processed documents, but the printer codes will then have to be removed.

(2) FOPUFIGS.ZIP

This compressed file contains graphics files for all the statistical figures (time series plots; annual box and whiskers plots; seasonal box and whiskers plots) in the report in two different formats: Computer Graphic Metafile (CGM) and Hewlett-Packard Printer Control Language (PCL). The files are named with the last three digits of the Station Name followed by the five digit STORET code. The file name extension begins with either a 1 (time series), 2 (annual), or 3 (seasonal) and then either GM for CGM or CL for PCL. For example, 00100300.2GM would denote the file contains an annual box and whiskers plot in CGM format for parameter 00300 (dissolved oxygen) at station FOPU0001. While at the DOS prompt, any PCL file can be printed directly to a Hewlett-Packard (or compatible) Laser Printer by using the COPY command. For example, if the graphic 00100300.2CL (an annual box and whiskers plot of parameter 00300, dissolved oxygen, at station FOPU0001) is in the subirectory C:\WATER, you would type: COPY C:\WATER\00100300.2CL LPT1: /B. This will print the file to your local or networked Hewlett-Packard (or compatible) Laser Printer attached to parallel port one (LPT1:). The /B is necessary because the PCL file is in a binary format. Alternatively, you can use the PRINTZIP program to decompress and print any of the PCL files provided the ZIP file doesn't span multiple disks. The CGM files can be imported and/or edited in most graphics packages, including WordPerfect.

(3) FOPUPARM.ZIP

This file compresses FOPUPARM.DBF which contains all the actual values (raw data) of all the water quality data downloaded from STORET and summarized in the report. The detailed database structure for this file is contained in Appendix B.

(4) FOPUSITE.ZIP

This compressed file contains up to five geo-referenced, DBASE III+ compatible site (point location) files documenting the location in the study area of water quality monitoring stations, industrial facilities discharges, drinking water intakes, water gages, and water impoundments. These files include:

(a) FOPUWQ.DBF - All water quality monitoring station locations within the project's study area downloaded from STORET.

(b) FOPUIFD.DBF - All municipal and industrial facility discharges within the project's study area downloaded from the IFD database.

(c) FOPUDRIN.DBF - All drinking water intakes within the project's study area downloaded from the DRINKS database.

(d) FOPUGAGE.DBF - All water gages within the project's study area downloaded from the GAGES database.

(e) FOPUDAMS.DBF - All water impoundments within the project's study area downloaded from the DAMS database.

The absence of any of these files indicates that none of the particular sites were found within the study area. Detailed database structures for each of these files are contained in Appendix B.

(5) FOPUMISC.ZIP

This compressed file contains a variety of graphic and document files that are contained in the report. They are grouped into this miscellaneous compressed (ZIP) file because they don't fit neatly into any of the other compressed files. The files contained in this compressed file include:

(a) FOPUEXEC.DOC - WordPerfect Ver. 5.1 copy of the Executive Summary in the report.

(b) FOPUTOC.DOC - WordPerfect Ver. 5.1 copy of the report's Table of Contents.

(c) INTRO.DOC - WordPerfect Ver. 5.1 copy of all the text in the report from the Introduction through the Interpretive Guide to Water Quality Results.

(d) APPENDIX.DOC - WordPerfect Ver. 5.1 copy of all the Appendices in the report.

(e) FOPUREGI - PCL and CLP (Windows Clipboard) copies of map displaying the regional location of the park and study area.

(f) FOPUWQ - PCL and CLP (Windows Clipboard) copies of park maps displaying water quality station locations within the park's study area. If, due to scaling and aesthetic concerns, multiple maps were needed, these files will have alphabetically ordered suffixes (FOPUWQA, FOPUWQB, FOPUWQC, etc.) and the index map name will end with an ampersand (&).

(g) FOPUIDG - PCL and CLP (Windows Clipboard) copies of park maps displaying locations of industrial facilities discharges, drinking water intakes, and stream gages within the park's study area. If, due to scaling and aesthetic concerns, multiple maps were needed, these files will have alphabetically ordered suffixes (FOPUIDGA, FOPUIDGB, FOPUIDGC, etc.) and the index map name will end with an ampersand (&). If no industrial facilities discharges, drinking water intakes, water gages, or water impoundments exist within the park's study area, these files will not be in the compressed (ZIP) file.

(h) FOPUSEHY - PCL and CLP (Windows Clipboard) copies of the hydrographs or other materials used by WRD staff as the basis for a first attempt at a seasonal analysis of the park's water quality data.

Other materials may also be included in this miscellaneous compressed (ZIP) file as warranted by conditions at the park. As with FOPUFIGS.ZIP and FOPUTABS.ZIP, you can use the PRINTZIP program to print any of the PCL files in FOPUMISC.ZIP provided the ZIP file doesn't span multiple disks. You should not, however, use PRINTZIP to print the WordPerfect document files. The CLP (Windows Clipboard) files can be imported (pasted) and/or edited in most Windows-based word processors and graphics packages.

(6) FOPURF3.ZIP

This compressed file contains the Environmental Protection Agency's River Reach File Ver. 3.0 provisional data for the USGS catalog unit(s) encompassing the study area. The attribute data exist in both ASCII and DBASE III+ format, while the geographic traces exist in ASCII format. This compressed file contains four files for each catalog unit that touches the study area. Catalog units are identified by unique 8-character numeric names which identify the region, subregion, accounting unit, and catalog unit. Examples (your 8-character numeric names will be different) of the file types included in this compressed file are:

(a) 12345678.RF3 - ASCII formatted attribute file from the River Reach File for all hydrographic traces within the catalog unit.

(b) 12345678.DBF - DBASE III+ formatted attribute file from the River Reach File for all hydrographic traces within the catalog unit.

(c) 12345678.TRC - ASCII formatted geographic file from the River Reach File containing digital, geo-referenced descriptions of all hydrographic traces within the catalog unit at a scale of 1:100,000 suitable for import into a geographic information system.

(d) 12345678.CUB - ASCII formatted geographic file from the River Reach File containing a digital, geo-referenced description of the catalog unit boundary suitable for import into a geographic information system.

Detailed database structures for RF3-related files are contained in Appendix B.

(7) FOPUWQMW.ZIP

Between 2000 and 2002, all Baseline Water Quality Data Inventory and Analysis Reports were compiled or re-compiled in Microsoft Word 2000 (Ver. 9.0) format. This complete, digital version of the report will be made available through various means, including the Internet. Although the reports can be opened in Microsoft Word 1997 (Ver. 8.0), the time series and annual and seasonal box-plots may not be centered appropriately on a page due to discrepancies with how Word 2000 formats pictures and how Word 1997 formatted pictures. Consequently, Word 2000 is the recommended software for viewing the report. Prior to printing the report from Word, be sure to enable "Print Text as Graphics" or "Print True Type Font as Graphics" in the Printer Properties. This ensures a more faithful reproduction of the maps included in the Word document.

The Microsoft Word version of the Baseline Water Quality Data Inventory and Analysis Report may differ slightly from the original analog version. Reports issued during 1994-1996 didn't have as many "bells-and-whistles" as subsequent reports. In compiling digital Microsoft Word versions of these earlier reports, attempts were made to bring these 1994-1996 reports up to the current standard wherever feasible and practicable. Unfortunately, some changes were not feasible or practicable. For example, water quality criteria screens were added or modified over time when newer criteria became available. The digital Microsoft Word version of Appendix F presents the latest criteria screening parameters and values. Some of these parameters and/or values may not have been screened against in the EPA water quality criteria analyses for each station and the entire study area in the 1994-1996 analog versions of the report. Similarly, the Introduction, Methodology, and Interpretive Guide to Water Quality Results may mention certain features that aren't included in the 1994-1996 reports. Additionally, to prepare a Microsoft Word version of this report, data were processed through different versions of software than used originally. Consequently, some results presented in the Overview and Executive Summary may differ slightly from those presented in the analog report (eg. # of In Park and Longer Term Stations).

Appendix B

Water Quality Database File Structures

The following table provides the DBASE III+ database field structure for all the water quality parameter data downloaded from STORET. This data will allow parks or other interested parties to replicate the statistical analyses and graphics contained in this report; perform more sophisticated analyses; or to establish a baseline park water quality database.

Parameter Data File: FOPUPARM.DBF in FOPUPARM.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
NPSSTATID	1	8	8	NPS Station ID (NPS park code + 4 digit sequence number)
BEGDATE	9	14	6	Measurement Start Date [yymmdd]
BEGTIME	15	18	4	Measurement Start Time [hhmm]
PARMCODE	19	23	5	STORET Parameter Code
PARMVALU	24	39	16.7	Parameter Value
REMARK	40	40	1	Parameter Remark Value
				A=Value is Mean of 2 or More Determinations
				B=Results Based Upon Colony Counts Outside Acceptable Range
				C=Value Calculated
				D=Field Measurement
				E=Extra Sample Taken in Compositing Process
				F=Female Species
				G=Maximum of 2 or More Determinations
				H=Based on Field Kit Determination
				I=Value is Less Than Practical Quantitation Limit and Greater Than or Equal to the Method Detection Limit
				J=Estimated, Not the Result of Analytic Measurement
				K=Off-scale Low, Actual Value Not Known, But Known to be Less Than Value Shown
				L=Off-scale High, Actual Value Not Known, But Known to be Greater Than Value Shown

Parameter Data File: FOPUPARM.DBF in FOPUPARM.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
				M=Presence Verified, But Not Quantified, Below Quantification Limit; For Species, Male; For Oxygen Reduction Potential, Indicates a Negative Value
				N=Presumptive Evidence of Presence
				O=Analysis Lost
				P=Too Numerous to Count
				Q=Exceeded Normal Holding Time
				R=Significant Rain in Last 48 Hours
				S=Laboratory test
				T=Less Than Detection Criteria
				U=Analyzed For But Not Detected, Value is Detection Limit For Process Used; If Species, Undetermined
				V=Analyte was Detected in Sample and Method Blank
				W=Less Than Lowest Value Reportable Under Remark "T"
				X=Quasi Vertically-Integrated Sample
				Y=Analysis of Unpreserved Sample
				Z=Too Many Colonies Were Present to Count (TNTC), Value Represents Filtration Value
				$=Calculated By Retrieval Software
MEDIA	41	46	6	Sample Media
DEPTH	47	55	9.3	Depth of Sample [in feet]
ENDDATE	56	61	6	Measurement End Date [yymmdd] [all composite samples]
ENDTIME	62	65	4	Measurement End Time [hhmm] [all composite samples]
SAMPTYPE	66	69	4	Type of Sample ["sophisticated" composite samples]
				C=Continuous Collection
				G=Collection of Individual Grab Samples
				GNxx=xx is the Number of Individual Grab Samples
				B=N/A

Parameter Data File: FOPUPARM.DBF in FOPUPARM.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
COMPTYPE	70	70	1	Composite Value Type ["sophisticated" composite samples]
				A=Average
				H=Maximum
				L=Minimum
				N=Number of Observations
				#=Number of Observations
				S=Standard Deviation
				U=Sum of Squares
				V=Variance
				C=Coefficient of Error
				X=Coefficient of Variance
				E=Skewness
				F=Kurtosis
				Z=Number of Observations That Exceed an Established Limit
				%=Precision
				$=Accuracy
				B=N/A
				D=Indicates Replicate Sample
COMPST	71	71	1	Composite Space/Time Indicator
				S=Space
				T=Time
				B=Space and Time
				F=Flow Proportional
				1-9=Replicate Number

Note: DBASE III+ record lengths will be one greater than the last stop column displayed (71 here) because DBASE III+ reserves the first space/column of every record for a deletion flag. Hence, DBASE III+ will display a record length of 72 for this database.

The following table provides the DBASE III+ database field structure for all the water quality station locations downloaded from STORET. As this file is geo-referenced, it should import easily into the park's Geographic Information System.

Water Quality Station Data File: FOPUWQ.DBF in FOPUSITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
NPSSTATID	1	8	8	NPS Station ID (NPS park code + 4 digit sequence number)
AGENCY	9	16	8	Agency Code of Station Owner
STORIDP	17	31	15	STORET Primary Station Code
STORIDS1	32	43	12	STORET First Secondary Station Code
STORIDS2	44	55	12	STORET Second Secondary Station Code
STORIDS3	56	65	10	STORET Third Secondary Station Code
LATITUDE	66	73	8	Station Latitude [degrees:minutes:seconds]
LONGITUDE	74	82	9	Station Longitude [degrees:minutes:seconds]
LAT	83	93	11.6	Station Latitude [decimal degrees, (-) below equator]
LON	94	104	11.6	Station Longitude [decimal degrees, (-) western hemisphere]
LLPREC	105	105	1	Latitude/Longitude Precision Code
RMI	106	329	224	River Mile Index
STATLOC	330	377	48	Station Location Description
CNTYCODE	378	382	5	FIPS State/County Code
STNAME	383	398	16	State Name
CNTYNAME	399	418	20	County Name
HYDUNIT	419	426	8	Hydrologic Unit Code (MAJ/MIN/SUB = Catalog Unit)
MAJBASN	427	450	24	Major Basin Name
MINBASN	451	490	40	Minor Basin Name
STATTYPE	491	550	60	Station Type
STORDATE	551	556	6	Date Station was Stored in STORET
RF1INDEX	557	567	11	RF1 Reach Number Location [2]
RF1MILE	568	575	8.3	Mile Point on RF1 Reach [2]
RF1LOC	576	578	3	Indicates the Location as ON or OFF RF1 Reach [2]
RF1DIST	579	584	6.2	Distance From RF1 Reach

Water Quality Station Data File: FOPUWQ.DBF in FOPUSITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
RF3INDEX	585	601	17	RF3 Reach Number Location [3]
RF3MILE	602	607	6.2	Mile point on RF3 Reach [3]
RF3LOC	608	610	3	Indicates the Location as ON or OFF RF3 Reach [2]
RF3DIST	611	616	6.2	Distance From RF3 Reach
DEPH2O	617	620	4	Depth of Water at Station Location [in feet]
ELEV	621	625	5	Station Elevation
ECOREG	626	628	3	ECO Region
H2OBODY	629	678	50	Waterbody ID
AQUIFERS	679	718	40	Aquifer Description
STATDESC1	719	790	72	Station Sentence Description
STATDESC2	791	862	72	Station Sentence Description
STATDESC3	863	934	72	Station Sentence Description
STATDESC4	935	1006	72	Station Sentence Description
STATDESC5	1007	1078	72	Station Sentence Description
STATDESC6	1079	1150	72	Station Sentence Description
STATDESC7	1151	1222	72	Station Sentence Description
STATDESC8	1223	1294	72	Station Sentence Description
STATDESC9	1295	1366	72	Station Sentence Description
STATDESC10	1367	1438	72	Station Sentence Description
STATDESC11	1439	1510	72	Station Sentence Description
STATDESC12	1511	1582	72	Station Sentence Description
STATDESC13	1583	1654	72	Station Sentence Description
STATDESC14	1655	1726	72	Station Sentence Description
STATDESC15	1727	1798	72	Station Sentence Description
STATLOCKED	1799	1799	1	Station Locked (Logical) True/False

The following table provides the DBASE III+ database field structures for the EPA Industrial Facilities Discharge database. As this file is geo-referenced, it should import easily into the park's Geographic Information System.

Industrial Facilities Discharges File: FOPUIFD.DBF in FOPUSITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
SITEID	1	9	9	Site Identifier (NPDES Number)
LATITUDE	10	17	8	Facility Latitude (Degrees:Minutes:Seconds)
LONGITUDE	18	26	9	Facility Longitude (Degrees:Minutes:Seconds)
LAT	27	37	11.6	Facility Latitude (decimal degrees, (-) below equator)
LON	38	48	11.6	Facility Longitude (decimal degrees, (-) west. hem.)
RF1INDEX	49	59	11	RF1 Reach Number Location
RF1MILE	60	65	6.2	Mile Point on RF1 Reach
RF1DIST	66	71	6.2	Distance From RF1 Reach
RF3INDEX	72	88	17	RF3 Reach Number Location
RF3MILE	89	94	6.2	Mile Point on RF3 Reach
RF3DIST	95	100	6.2	Distance From RF3 Reach
ADR	101	125	25	Address
BFL	126	132	7.2	Total Direct Combined C&P Flow (1000 GPD)
CCFLG	133	133	1	Coastal County Flag "Y"/"N"/"E"=Estuary
CC1	134	138	5	City Code #1 (EPA Code)
CFL	139	145	7.2	Total Direct Cooling Flow (1000 GPD)
CNC	146	148	3	County Code (FIPS)
CTY	149	168	20	City Name
CZIP	169	177	9	Canadian Zip Code
DNB	178	186	9	Dunn & Bradstreet Number
DNBFLG	187	187	1	Dunn & Bradstreet PCS Source Flag
EGF	188	202	15.4	Flow From Effluent Guidelines (1000 GPD)
EGS	203	208	6	Effluent Guidelines Subcategory
EXPDT	209	216	8	Expiration Date (mm/dd/yy)
E308SN	217	220	4	Effluent Guidelines Survey Number
FAC	221	229	9	SCS Facility Identifier (Cross-Reference)
FDS	230	232	3	Facility Data Source

Industrial Facilities Discharges File: FOPUIFD.DBF in FOPUSITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
FFL	233	239	7.2	Total Facility Flow (1000 GPD)
FHF	240	240	1	Fac. Hit Flag (Reach File) V=Versar Assumed
FLOTYP	241	243	3	I=Blow Down, R=Bottom Ash, S=Fly Ash
FLR	244	250	7.2	Flow Recvd-Industrial (1000 GPD) Permit Data
FRDS	251	259	9	FRDS ID# - XREF To Water Supply
FRW	260	289	30	Facility Receiving Water Name
FS1	290	293	4	Facility SIC Code (From PCS)
FS2	294	297	4	Facility SIC Code #1
FS3	298	301	4	Facility SIC Code #2
FS4	302	305	4	Facility SIC Code #3
FS5	306	309	4	Facility SIC Code #4
FUD	310	317	8	Facility Level Last Date Updated (mm/dd/yy)
IACC	318	318	1	Inactive/Active Indicator ("I" or "A")
ICAT	319	320	2	WQAB Industrial Category
ICAT2	321	322	2	WQAB Industrial Category 2
ICAT3	323	324	2	WQAB Industrial Category 3
IFL	325	331	7	Total Indirect Flow (1000 GPD)
IFT	332	332	1	Illinois Facility Type (A thru Z)
IG1	333	334	2	Facility Industrial Group #1
IG2	335	336	2	Facility Industrial Group #2
IJCN	337	346	10	Canadian Record Identifier
INACT	347	353	7	Inactive/Rescinded P=Based on Permit;A=Actual
INDCNT	354	357	4	Computed Number of Indirect Dischargers
LATLON	358	372	15	Polygon Retrieval Lat/Long.
MAJ	373	373	1	Major-Minor Flag (From PCS)
MAPID	374	377	4	Map Identifier
MJMN	378	381	4	Major/Minor Basin (EPA-STORET)
NAM	382	441	60	Facility Name
NDC	442	444	3	Number of Discharges (Pipes)

Industrial Facilities Discharges File: FOPUIFD.DBF in FOPUSITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
NDSFLO	445	451	7.2	NEEDS Flow (1000 GPD)
NDSIFLO	452	458	7.2	NEEDS Industrial Flow (1000 GPD)
NID	459	462	4	Number of Indirect Dischargers
NPC	463	463	1	NEEDS Pre-Treatment Code "Y"=Yes, "N"=No
NPS	464	464	1	NPDES Facility Source/Status
NSN	465	473	9	NEEDS Survey Number
NTC	474	474	1	NEEDS Treatment Code
OCP	475	480	6	Organic Chemical Producers ID Number
ODESCC	481	481	1	ODES Coastal County "Y"=Yes; "N"=No
OFL	482	488	7.2	Total Non-Direct Other Flow (1000 GPD)
OWN	489	491	3	Ownership Code
PFL	492	498	7.2	Total Direct Process Flow (1000 GPD)
REG	499	500	2	EPA Region
REGKEY	501	504	4	Region Key
RSLOFLO	505	511	7.2	Receiving Stream Low Flow
RSMNFLO	512	518	7.2	Receiving Stream Mean Flow
STA	519	520	2	State Postal Abbreviation
STAID	521	535	15	State Identifier
STC	536	537	2	State Code (FIPS)
STCITY	538	544	7	State/City Code
TFLOW	545	551	7.2	Type Flow (1000 GPD)
UFL	552	558	7.2	Total Direct Undefined Flow (1000 GPD)
XEGS	559	561	3	Effluent Guidelines Subcat Index
XKEY	562	562	1	"1","2","3","4","5","6","7","8","9"
XNME	563	565	3	GLP,DIR,F2C,ENF,CET,LAG,PPB,M85,M86
ZIP	566	570	5	Zip Code

The following table provides the DBASE III+ database field structures for drinking water intakes from the EPA DRINKS database. As this file is geo-referenced, it should import easily into the park's Geographic Information System.

Drinking Water Intakes File: FOPUDRIN.DBF in FOPUSITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
SITEID	1	20	20	Site Identifier
LATITUDE	21	28	8	Facility Latitude (Degrees:Minutes:Seconds)
LONGITUDE	29	37	9	Facility Longitude (Degrees:Minutes:Seconds)
LAT	38	48	11.6	Facility Latitude (decimal degrees, (-) below equator)
LON	49	59	11.6	Facility Longitude (decimal degrees, (-) west. hem.)
RF1INDEX	60	70	11	RF1 Reach Number Location
RF1MILE	71	76	6.2	Mile Point on RF1 Reach
RF1DIST	77	82	6.2	Distance From RF1 Reach
RF3INDEX	83	99	17	RF3 Reach Number Location
RF3MILE	100	105	6.2	Mile Point on RF3 Reach
RF3DIST	106	111	6.2	Distance From RF3 Reach
AQCD	112	115	4	Aquifer Code
ASC	116	138	23	STORET Agency/Station Code
AVGD	139	142	4	Average Depth
BUY	143	143	1	Purchase Code
CC1	144	148	5	City Code #1 (EPA Code)
CNC	149	151	3	County Code (FIPS)
CNME	152	166	15	Contact Name
CNN	167	186	20	County Name
CTITLE	187	201	15	Contact Title
CTY	202	221	20	City Name
DUD	222	229	8	Date of Update
FRDS	230	238	9	FRDS ID# - Cross-Reference
GEOAG	239	258	20	Geologic Age
GEOCDE	259	261	3	Geologic Age Code
IDAT	262	269	8	Date (mm/dd/yy)

Drinking Water Intakes File: FOPUDRIN.DBF in FOPUSITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
INTAKET	270	270	1	Type Source G/S/B
INTRVWR	271	285	15	Interviewer
MAXD	286	289	4	Maximum Depth
MILES	290	296	7.2	Miles
MIND	297	300	4	Minimum Depth
NAME	301	320	20	Name
NPD	321	329	9	NPDES# XREF to IFD Database
NWLS	330	332	3	Number of Wells
OWN	333	335	3	Ownership
PAVGF	336	342	7.2	Production Avg. Daily (Gal/Day)
PCTSUP	343	345	3	%Surface / %Ground
PHONE	346	355	10	Telephone Number
PMAXF	356	362	7.2	Production Max. Daily (Gal/Day)
POPSV	363	371	9	Population Served
REG	372	373	2	EPA Region
SHLAT	374	379	6	Sitehelp Latitude (DDMMSS)
SHLNG	380	386	7	Sitehelp Longitude (DDDMMSS)
SHMILES	387	393	7.2	Sitehelp Miles
SHNME	394	403	10	Sitehelp Source Name
SHPCT	404	410	7.2	Sitehelp Percent of Reach Miles
SRC	411	413	3	Sitehelp Source Code
STA	414	415	2	State Abbreviation
STC	416	417	2	State Code (FIPS)
TUF	418	424	7.2	Total Utility Flow
TYPCDE	425	425	1	Type Code
UHF	426	426	1	Utility Hit Flag (Reach File)
VCDE	427	427	1	Versar Code='V'=>25K; '*'=<25K POPSVD
WFPC	428	428	1	Wellfield Precision Code
WFTYP	429	429	1	Well Type (Cassing,Artesian,Infiltration,etc.)

Drinking Water Intakes File: FOPUDRIN.DBF in FOPUSITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
WUN	430	449	20	Water Utility Name

The following table provides the DBASE III+ database field structures for the Water Gage database. As this file is geo-referenced, it should import easily into the park's Geographic Information System.

Water Gage File: FOPUGAGE.DBF in FOPUSITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
SITEID	1	20	20	Site Identifier
LATITUDE	21	28	8	Facility Latitude (DDMMSS)
LONGITUDE	29	37	9	Facility Longitude (DDDMMSS)
LAT	38	48	11.6	Facility Latitude (decimal degrees, (-) below equator)
LON	49	59	11.6	Facility Longitude (decimal degrees, (-) west. hem.)
RF1INDEX	60	70	11	RF1 Reach Number Location
RF1MILE	71	76	6.2	Mile Point on RF1 Reach
RF1DIST	77	82	6.2	Distance From RF1 Reach
RF3INDEX	83	99	17	RF3 Reach Number Location
RF3MILE	100	105	6.2	Mile Point on RF3 Reach
RF3DIST	106	111	6.2	Distance From RF3 Reach
JAN	112	118	7.2	Monthly Flow - January
FEB	119	125	7.2	Monthly Flow - February
MAR	126	132	7.2	Monthly Flow - March
APR	133	139	7.2	Monthly Flow - April
MAY	140	146	7.2	Monthly Flow - May
JUN	147	153	7.2	Monthly Flow - June
JUL	154	160	7.2	Monthly Flow - July
AUG	161	167	7.2	Monthly Flow - August
SEP	168	174	7.2	Monthly Flow - September
OCT	175	181	7.2	Monthly Flow - October
NOV	182	188	7.2	Monthly Flow - November
DEC	189	195	7.2	Monthly Flow - December
RGN	196	197	2	Region Code
AREA	198	204	7.2	Drainage Area (SQ.MI.)
DUD	205	212	8	Date of Update

Water Gage File: FOPUGAGE.DBF in FOPUSITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
FBCF	213	213	1	Flag - Basic Characteristic File ('Y')
FDFF	214	214	1	Flag - Daily Flows File ('Y')
FQMINV	215	224	10	IHS Pt. Files Index
GHF	225	225	1	Hit Flag (Reach File)
ICDE	226	226	1	Integrity Code
LFVEL	227	233	7.2	Low Flow Velocity
METHOD	234	236	3	Calculation Method Code
MFVEL	237	243	7.2	Mean Flow Velocity
MNFLO	244	250	7.2	USGS Mean Annual Flow
NME	251	298	48	Station Name
SHLAT	299	304	6	Sitehelp Latitude (DDMMSS)
SHLNG	305	311	7	Sitehelp Longitude (DDDMMSS)
SHMILES	312	318	7.2	Sitehelp Miles
SHNME	319	328	10	Sitehelp Source Name
SHPCT	329	335	7.2	Sitehelp Percent of Reach Miles
SITE	336	337	2	Site Location
SRC	338	340	3	Sitehelp Source Code
STCTY	341	345	5	State/County Numeric Code
SVTEN	346	352	7.2	USGS 7-10 Year Flow
BEG_WYR	353	356	4	Beginning Water Year
END_WYR	357	359	4	Ending Water Year
ELEV	361	368	8.2	Elevation (Feet)
WELL_DP	369	376	8.2	Well Depth (Feet)

The following table provides the DBASE III+ database field structures for the Water Impoundment database. As this file is geo-referenced, it should import easily into the park's Geographic Information System.

Water Impoundment File: FOPUDAMS.DBF in FOPUSITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
SITEID	1	7	7	Site Identifier
SOURCE	8	10	3	Source of Data
ST1	11	12	2	Primary State Code Abbreviation
STCTY1	13	17	5	State/County Numeric Code
NAME	18	47	30	Official Name of Dam
LATITUDE	48	53	6	Facility Latitude (DDMMSS)
LONGITUDE	54	60	7	Facility Longitude (DDDMMSS)
LAT	61	70	10.6	Facility Latitude (decimal degrees, (-) below equator)
LON	71	81	11.6	Facility Longitude (decimal degrees, (-) west. hem.)
INME	82	111	30	Impoundment Name
RNME	112	139	28	River, Stream, or Tributary Name on Which Dam Built
CUSEGMI	140	149	10	Catalog Unit, Segment, and Segment Length
REGN	150	151	2	Water Resources Council Region Code
RGBSN	152	155	4	Water Resources Region/Basin Code
CU	156	163	8	Catalog Unit
SEG	164	166	3	Reach Segment of Dam
SEGL	167	171	5.2	Reach Segment Length
PURP	172	172	1	Major Purpose of Dam
				I=Irrigation
				H=Hydroelectric
				N=Navigation
				S=Water Supply
				R=Recreation
				P=Stock/Farm Pond
				D=Debris Control
				F=Flood Control

Water Impoundment File: FOPUDAMS.DBF in FOPUSITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
				O=Other
FRF3	173	189	17	RF3 Reach Number Location
FRF3MI	190	194	5	Mile Point on RF3 Reach
PURPKEY	195	195	1	Purpose Key
PUR2	196	196	1	Purpose of Dam 2 (See Above)
PUR3	197	197	1	Purpose of Dam 3 (See Above)
PUR4	198	198	1	Purpose of Dam 4 (See Above)
PUR5	199	199	1	Purpose of Dam 5 (See Above)
PUR6	200	200	1	Purpose of Dam 6 (See Above)
PUR7	201	201	1	Purpose of Dam 7 (See Above)
PUR8	202	202	1	Purpose of Dam 8 (See Above)
PUR9	203	203	1	Purpose of Dam 9 (See Above)
PUR10	204	204	1	Purpose of Dam 10 (See Above)
TYPDAM	205	206	2	Major Dam Portion Type
				RE=Earth
				VA=Vaulted Arch
				CD=Buttress
				PG=Gravity
				ER=Rockfill
				MV=Multi-Arch
				OT=Other
YRCMP	207	210	4	Year Dam Completed
SHGT	211	214	4	Structural Height (Feet)
HHGT	215	218	4	Hydraulic Height (Feet)
VNORM	219	236	8	Normal Storage of Impoundment (Acre-Feet)
VMAX	227	234	8	Maximum Storage of Impoundment (Acre-Feet)
LCRST	235	239	5	Crest Length of Dam (Feet)
TSPL	240	240	1	Spillway Type
				C=Controlled

Water Impoundment File: FOPUDAMS.DBF in FOPUSITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
				U=Uncontrolled
				N=None
				X=Unknown
WSPL	241	244	4	Dam Spillway Width (Feet)
QMAX	245	251	7	Maximum Spillway Discharge (CFS)
PINS	252	258	7.2	Quantity of Installed Power (Megawatts)
PPRO	259	265	7.2	Quantity of Proposed Power (Megawatts)
LOCK	266	266	1	Number of Navigational Locks
OWNR	267	290	24	Name of Impoundment Owner
PFOWN	291	291	1	Ownership Code
				N=Non-Federal
				G=Federal Government Agency
				C=Corps of Engineers
				X=Unknown
FEDR	292	292	1	Federally Regulated (Y=Yes, N=No, X=Unknown)
FLND	293	293	1	Private Dam on Federal Land (Y=Yes, N=No, X=Unknown)
SCSA	294	294	1	Type of Soil Conservation Service Assistance
				N=No Assistance
				T=Technical Assistance
				F=Financial Assistance
				B=Both Technical and Financial Assistance
				X=Unknown
DHAZ	295	295	1	Degree of Downstream Hazard
				1=High (More than a Few Lives Lost; Excessive Economic Loss)
				2=Significant (A Few Lives Lost; Appreciable Economic Loss)
				3=Low (No Lives Expected Lost; Minimal Economic Loss)
DCITY	296	319	24	Nearest Downstream City

Water Impoundment File: FOPUDAMS.DBF in FOPUSITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
POP	320	326	7	Population of Downstream City
DMILE	327	331	5.2	Distance of Downstream City From Dam (Miles)
RET	332	342	11.2	Retention Coefficient (Dimensionless)
MIX	343	353	11.2	Mixing Coefficient (Dimensionless)
SAREA	354	361	8	Surface Area of Impoundment (Acres)
SAFLG	362	362	1	Surface Area Flag (C=Calc., M=Measured, O=Other)
ILNTH	363	367	5	Length of Impoundment (Feet)
ILFLG	368	368	1	Impoundment Length Flag (C=Calc., M=Measured, O=Other)
UPKEY	369	374	6	Update Key (YYMMDD)

The following table provides the ASCII and DBASE III+ database field structures for the EPA River Reach File Ver. 3.0 (1:100,000 scale hydrography) attributes. The actual numeric file names will vary depending on the catalog unit(s). This information can be readily incorporated into the park's Geographic Information System.

RF3 Structure File: 12345678.RF3 and 12345678.DBF in FOPURF3.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
CATUNIT	1	8	8	Cataloging Unit (CU)
SEGM	9	12	4	Segment Number (SEG)
MI	13	17	5.2	Mile Point (MI)
UPMI	18	22	5.2	Upstream Mile Pt.
SEQNO	23	33	11.6	Hydro Sequence No.
RFLAG	34	34	1	Reach Flag (0,1)
OWFLAG	35	35	1	Open Water Flag (0,1)
TFLAG	36	36	1	Terminal Flag (0,1)
SFLAG	37	37	1	Start Flag (0,1)
RCHTYPE	38	38	1	Reach Type Code
LEV	39	40	2	Stream Level
JUNC	41	42	2	Level of Downstream Reach
DIVERGENCE	43	43	1	Divergence Code
STARTCU	44	51	8	Start CU
STRTSG	52	55	4	Start SEG
STOPCU	56	63	8	Stop CU
STOPSG	64	67	4	Stop SEG
USDIR	68	68	1	Upstream Direction
TERMID	69	73	5	Terminal Stream ID
TRMBLV	74	74	1	Terminal Base Level
PNAME	75	104	30	Primary Name
PNMCD	105	115	11	Primary Name Code
CNAME	116	145	30	Complement Name
CNMCD	146	156	11	Complement Name Code

RF3 Structure File: 12345678.RF3 and 12345678.DBF in FOPURF3.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
OWNAME	157	186	30	Open Water Name
OWNMCD	187	197	11	Open Water Name Code
DSCU	198	205	8	Downstream CU
DSSEG	206	209	4	Downstream SEG
DSMI	210	214	5.2	Downstream MI
CCU	215	222	8	Complement CU
CSEG	223	226	4	Complement SEG
CMILE	227	231	5.2	Complement MI
CDIR	232	232	1	Complement Direction
ULCU	233	240	8	Upstream Left CU
ULSEG	241	244	4	Upstream Left SEG
ULMI	245	249	5.2	Upstream Left MI
URCU	250	257	8	Upstream Right CU
URSEG	258	261	4	Upstream Right SEG
URMI	262	266	5.2	Upstream Right MI
SEGL	267	272	6.2	Reach Length (Miles)
RFORGFLAG	273	273	1	RF Orgin flag(1,2,3)
ALTPNMCD	274	281	8	Alt. Primary Name Code
ALTOWNMC	282	289	8	Alt. OW Name Code
DLAT	290	297	8.4	Downstream Latitude
DLONG	298	305	8.4	Downstream Longitude
ULAT	306	313	8.4	Upstream Latitude
ULONG	314	321	8.4	Upstream Longitude
MINLAT	322	329	8.4	Minimum Latitude
MINLONG	330	337	8.4	Minimum Longitude
MAXLAT	338	345	8.4	Maximum Latitude
MAXLONG	346	353	8.4	Maximum Longitude
NDLGREC	354	357	4	No. of DLG Records
LL1KEY1	358	367	10	Starting DLG LL Key1

RF3 Structure File: 12345678.RF3 and 12345678.DBF in FOPURF3.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
LL2KEY1	368	377	10	Ending DLG LL Key1
LL1KEY2	378	387	10	Starting DLG LL Key2
LL2KEY2	388	497	10	Ending DLG LL Key2
LL1KEY3	398	407	10	Starting DLG LL Key3
LL2KEY3	408	417	10	Ending DLG LL Key3
LL1KEY4	418	427	10	Starting DLG LL Key4
LL2KEY4	428	437	10	Ending DLG LL Key4
LL1KEY5	438	447	10	Starting DLG LL Key5
LL2KEY5	448	457	10	Ending DLG LL Key5
LL1KEY6	458	467	10	Starting DLG LL Key6
LL2KEY6	468	477	10	Ending DLG LL Key6
LL1KEY7	478	487	10	Starting DLG LL Key7
LL2KEY7	488	597	10	Ending DLG LL Key7
LL1KEY8	498	507	10	Starting DLG LL Key8
LL2KEY8	508	517	10	Ending DLG LL Key8
LL1KEY9	518	527	10	Starting DLG LL Key9
LL2KEY9	528	537	10	Ending DLG LL Key9
LL1KEY10	538	547	10	Start DLG LL Key 10
LL2KEY10	548	557	10	Ending DLG LL Key10
LN1AT2	558	561	4	DLG Line Attr. 1
LN2AT2	562	565	4	DLG Line Attr. 2
AREA1	566	569	4	DLG Area ID 1
AREA2	570	573	4	DLG Area ID 2
AR1AT2	574	577	4	DLG Area Attribute
AR1AT4	578	581	4	DLG Area Attribute
AR2AT2	582	585	4	DLG Area Attribute
AR2AT4	586	589	4	DLG Area Attribute
UPDATE1	590	595	6	Update Date #1 (mmddyy)
UPDTCD1	596	603	8	Update Type Code #1

RF3 Structure File: 12345678.RF3 and 12345678.DBF in FOPURF3.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
UPDTSRC1	604	611	8	Update Source #1
UPDATE2	612	617	6	Update Date #2 (mmddyy)
UPDTCD2	618	625	8	Update Type Code#2
UPDTSRC2	626	633	8	Update Source #2
UPDATE3	634	639	6	Update Date #3 (mmddyy)
UPDTCD3	640	647	8	Update Type Code #3
UPDTSRC3	648	655	8	Update Source #3
DIVCU	656	663	8	Divergent CU
DIVSEG	664	667	4	Divergent SEG
DIVMILE	668	672	5.2	Divergent MI
DLGID	673	678	6	DLG Number Special Use For Internal State Codes
FILLER	678	685	7	Filler: Future Use

Note: The structure for the .DBF file varies slightly from the RF3 structure displayed here in that the fields UPDATE1, UPDATE2, and UPDATE3 have a width of 8 and the last two fields, DLGID and FILLER, have been replaced with a field named ID of length 17. This ID field combines the CATUNIT, SEGM, and MI fields.

The following table provides the ASCII database field structures for the EPA River Reach File Ver. 3.0 (1:100,000 scale hydrography) traces. The actual numeric file names will vary depending on the catalog unit(s). This file contains the actual hydrographic network and is suitable for conversion into a variety of Geographic Information System formats.

RF3 Trace File: 12345678.TRC in FOPURF3.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
(Header Record)				
CATUNIT	1	8	8	Cataloging Unit
SEGM	9	12	4	Segment Number
MI	13	17	5.2	Mile Point
NPTS	18	21	4	Number of Lat/Lon Coordinates
(Coordinate Record)				
LATITUDE	1	8	8.4	Latitude in Decimal
LONGITUDE	9	16	8.4	Longitude in Decimal
FILLER	17	21	5	

The following table provides the ASCII database field structures for the EPA River Reach File Ver. 3.0 (1:100,000 scale hydrography) catalog unit boundary file. The actual numeric file names will vary depending on the catalog unit(s). This file contains the actual catalog unit boundary and is suitable for conversion into a variety of Geographic Information System formats.

Catalog Unit Boundary File: 12345678.CUB in FOPURF3.ZIP
First Line = Catalog Unit Number (8 Characters)
Subsequent Lines:
L=DDMMSS,L=DDDMMSS,L=DDMMSS,L=DDDMMSS,L=DDMMSS,L=DDDMMSS, ...
Example:
02070010
L=391259,L=0770809,L=391220,L=0770749,L=391147,L=0770715,L=391120,L=0770633,
L=391058,L=0770535,L=391042,L=0770520,L=391016,L=0770427,L=390948,L=0770416,
L=390526,L=0765331,L=390500,L=0765149,L=390456,L=0765139,L=390357,L=0765123,
...
L=390744,L=0771007,L=390826,L=0771022,L=390910,L=0771022,L=390950,L=0771003,
L=391107,L=0770922,
There can be as many as four latitude/longitude pairs per line.

The following table provides the DBASE III+ database field structure of the Water Resources Division's "encyclopedia" file that documents the minimum and maximum parameter values found and the park(s) where they occurred. This file is intended for Water Resources Division internal use, but will be available to anyone upon request after Baseline Water Quality Data Inventory and Analysis reports have been completed for all parks.

Encyclopedia File: WRD File For Internal Use Only				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
PARM	1	5	5	STORET Parameter Code
PARMNAME	6	45	40	Parameter Name
MINVAL	46	61	16.7	Minimum Value
MINVALPARK	62	65	4	Park Unit with Minimum Value
MAXVAL	66	71	16.7	Maximum Value
MAXVALPARK	72	75	4	Park Unit with Maximum Value

Appendix C

STORET Water Quality Control/Edit Checking

The following table provides the high and low values used by STORET since November 1983 for 190 common water quality parameters to screen or error check data. Data entered into STORET prior to November 1983, however, were not subjected to this edit/bounds check. Additionally, data from the USGS WATSTORE system that is loaded into STORET is never subjected to these edit criteria and agencies entering data in STORET can override these edit criteria to enter data values that fall outside a range. As a consequence, all data downloaded from STORET for the purposes of this project were filtered through these edit criteria to document values outside the generally accepted ranges. Decisions were then made on a case-by-case basis to retain or discard obviously incorrect data. Refer to the Water Quality Observations Outside STORET Edit Criteria section of the Interpretive Guide To Water Quality Results chapter for more information on this subject.

STORET Code	STORET Parameter Description	High Value	Low Value
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	37.0	-2.0
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	98.0	31.0
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	52.0	-40.0
00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)	125.0	-40.0
00026	TOXICS-IDENTIFY DATA COLLECTION BY EPA DIRECTIVE	1990.9	1977.0
00032	CLOUD COVER (PERCENT)	101.0	0.0
00035	WIND VELOCITY (MILES PER HOUR)	85.0	0.0
00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	361.0	0.0
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	15.0	0.0
00070	TURBIDITY, (JACKSON CANDLE UNITS)	1500.0	0.0
00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	101.0	0.0
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	500.0	0.0
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	1000.0	0.0
00077	TRANSPARENCY, SECCHI DISC (INCHES)	600.0	0.0
00080	COLOR (PLATINUM-COBALT UNITS)	500.0	0.0
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	500.0	0.0
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	250.0	0.0
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	60000.0	1.0
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	60000.0	1.0
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE (MG/L)	30.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
00300	OXYGEN, DISSOLVED (MG/L)	30.0	0.0
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION%	200.0	0.0
00310	BOD, 5 DAY, 20 DEG C (MG/L)	150.0	0.0
00335	COD, .025N K2CR2O7 (MG/L)	1000.0	0.0
00340	COD, .25N K2CR2O7 (MG/L)	1000.0	0.0
00365	CHLORINE DEMAND, 15 MINUTE (MG/L)	15.0	0.0
00400	PH (STANDARD UNITS)	12.0	0.9
00403	PH, LAB, STANDARD UNITS, (STANDARD UNITS)	12.0	0.9
00405	CARBON DIOXIDE (MG/L AS CO2)	100.0	0.0
00406	PH, FIELD (STANDARD UNITS)	12.0	0.9
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	1000.0	0.0
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	750.0	0.0
00435	ACIDITY, TOTAL (MG/L AS CACO3)	1000.0	0.0
00436	ACIDITY, MINERAL (METHYL ORANGE) (MG/L AS CACO3)	1000.0	0.0
00437	ACIDITY, CO2 (PHENOLPHTHALEIN) (MG/L AS CACO3)	750.0	0.0
00440	BICARBONATE ION (MG/L AS HCO3)	450.0	0.0
00445	CARBONATE ION (MG/L AS CO3)	100.0	0.0
00480	SALINITY - PARTS PER THOUSAND	40.0	0.0
00500	RESIDUE, TOTAL (MG/L)	15000.0	0.0
00505	RESIDUE, TOTAL VOLATILE (MG/L)	10000.0	0.0
00510	RESIDUE, TOTAL FIXED (MG/L)	10000.0	0.0
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C), (MG/L)	20000.0	0.0
00520	RESIDUE, VOLATILE FILTRABLE (MG/L)	10000.0	0.0
00525	RESIDUE, FIXED FILTRABLE (MG/L)	10000.0	0.0
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10000.0	0.0
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10000.0	0.0
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10000.0	0.0
00545	RESIDUE, SETTLEABLE (ML/L)	1000.0	0.0
00546	RESIDUE, SETTLEABLE (MG/L)	1000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC., (MG/L)	250.0	0.0
00600	NITROGEN, TOTAL (MG/L AS N)	100.0	0.0
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	15.0	0.0
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	25.0	0.0
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	20.0	0.0
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	5.0	0.0
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	50.0	0.0
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	50.0	0.0
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	55.0	0.0
00635	NITROGEN, AMMONIA & ORG., TOTAL 1 DET (MG/L AS N)	70.0	0.0
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	30.0	0.0
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	30.0	0.0
00655	PHOSPHATE, POLY (MG/L AS PO4)	30.0	0.0
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	30.0	0.0
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10.0	0.0
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10.0	0.0
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	100.0	0.0
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	100.0	0.0
00685	CARBON, TOTAL INORGANIC (MG/L AS C)	100.0	0.0
00690	CARBON, TOTAL (MG/L AS C)	150.0	0.0
00720	CYANIDE, TOTAL (MG/L AS CN)	10.0	0.0
00745	SULFIDE, TOTAL (MG/L AS S)	1500.0	0.0
00746	SULFIDE, DISSOLVED (MG/L AS S)	1500.0	0.0
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	150.0	0.0
00900	HARDNESS, TOTAL (MG/L AS CACO3)	5000.0	0.0
00910	CALCIUM (MG/L AS CACO3)	3000.0	0.0
00915	CALCIUM, DISSOLVED (MG/L AS CA)	1000.0	0.0
00916	CALCIUM, TOTAL (MG/L AS CA)	1000.0	0.0
00920	MAGNESIUM (MG/L AS CACO3)	3000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	1000.0	0.0
00927	MAGNESIUM, TOTAL (MG/L AS MG)	1000.0	0.0
00929	SODIUM, TOTAL (MG/L AS NA)	5000.0	0.0
00930	SODIUM, DISSOLVED (MG/L AS NA)	5000.0	0.0
00931	SODIUM ADSORPTION RATIO	50.0	0.0
00935	POTASSIUM, DISSOLVED (MG/L AS K)	175.0	0.0
00937	POTASSIUM, TOTAL MG/L AS K)	175.0	0.0
00940	CHLORIDE, TOTAL IN WATER, (MG/L)	22000.0	0.0
00945	SULFATE, TOTAL (MG/L AS SO4)	2500.0	0.0
00946	SULFATE, DISSOLVED (MG/L AS SO4)	2500.0	0.0
00950	FLUORIDE, DISSOLVED (MG/L AS F)	15.0	0.0
00951	FLUORIDE, TOTAL (MG/L AS F)	15.0	0.0
00955	SILICA, DISSOLVED (MG/L AS SI02)	2000.0	0.0
00956	SILICA, TOTAL (MG/L AS SI02)	2000.0	0.0
01000	ARSENIC, DISSOLVED (UG/L AS AS)	5000.0	0.0
01002	ARSENIC, TOTAL (UG/L AS AS)	5000.0	0.0
01005	BARIUM, DISSOLVED (UG/L AS BA)	2000.0	0.0
01007	BARIUM, TOTAL (UG/L AS BA)	2000.0	0.0
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	2000.0	0.0
01012	BERYLLIUM, TOTAL (UG/L AS BE)	2000.0	0.0
01020	BORON, DISSOLVED (UG/L AS B)	5000.0	0.0
01022	BORON, TOTAL (UG/L AS B)	5000.0	0.0
01025	CADMIUM, DISSOLVED (UG/L AS CD)	500.0	0.0
01027	CADMIUM, TOTAL (UG/L AS CD)	500.0	0.0
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	2000.0	0.0
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	2000.0	0.0
01033	CHROMIUM, TRI-VAL (UG/L AS CR)	2000.0	0.0
01034	CHROMIUM, TOTAL (UG/L AS CR)	2000.0	0.0
01040	COPPER, DISSOLVED (UG/L AS CU)	2000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
01042	COPPER, TOTAL (UG/L AS CU)	5000.0	0.0
01045	IRON, TOTAL (UG/L AS FE)	56000.0	0.0
01046	IRON, DISSOLVED (UG/L AS FE)	56000.0	0.0
01047	IRON, FERROUS (UG/L AS FE)	56000.0	0.0
01049	LEAD, DISSOLVED (UG/L AS PB)	1000.0	0.0
01051	LEAD, TOTAL (UG/L AS PB)	1000.0	0.0
01055	MANGANESE, TOTAL (UG/L AS MN)	5000.0	0.0
01056	MANGANESE, DISSOLVED (UG/L AS MN)	5000.0	0.0
01065	NICKEL, DISSOLVED (UG/L AS NI)	2000.0	0.0
01067	NICKEL, TOTAL (UG/L AS NI)	2000.0	0.0
01075	SILVER, DISSOLVED (UG/L AS AG)	5000.0	0.0
01077	SILVER, TOTAL (UG/L AS AG)	5000.0	0.0
01090	ZINC, DISSOLVED (UG/L AS ZN)	25000.0	0.0
01092	ZINC, TOTAL (UG/L AS ZN)	25000.0	0.0
01105	ALUMINUM, TOTAL (UG/L AS AL)	20000.0	0.0
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	20000.0	0.0
01145	SELENIUM, DISSOLVED (UG/L AS SE)	100.0	0.0
01501	ALPHA, TOTAL	200.0	0.0
01503	ALPHA, DISSOLVED	75.0	0.0
01505	ALPHA, SUSPENDED	150.0	0.0
03501	BETA, TOTAL	3500.0	0.0
03503	BETA, DISSOLVED	3000.0	0.0
03505	BETA, SUSPENDED	1500.0	0.0
09503	RADIUM 226, DISSOLVED	500.0	0.0
13501	STRONTIUM 90, TOTAL	500.0	0.0
22703	URANIUM, NATURAL, DISSOLVED	500.0	0.0
31501	COLIFORM, TOT,MEMBRANE FILTER,IMMED.M-ENDO MED, 35C	24000000.0	0.0
31502	COLIFORM, TOTAL, 10/ML	24000000.0	0.0
31503	COLIFORM, TOT,MEMBR FILTER, DELAYED,M-ENDO MED, 35C	24000000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
31504	COLIFORM, TOT,MEMBR FILTER,IMMED,LES ENDO AGAR, 35C	24000000.0	0.0
31613	FECAL COLIFORM, MEMBR FILTER, M-FC AGAR,44.5C, 24HR	10000000.0	0.0
31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	10000000.0	0.0
31616	FECAL COLIFORM, MEMBR FILTER,M-FC BROTH, 44.5C	10000000.0	0.0
31672	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48HR	500000.0	0.0
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	500000.0	0.0
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	500000.0	0.0
31679	FECAL STREPTOCOCCI, MF M-ENTEROCOCCUS AGAR,35C,48H	500000.0	0.0
31749	PLATE COUNT, TOTAL, TPC AGAR, 20C, 48 HRS	99999999.0	0.0
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	99999999.0	0.0
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	500.0	0.0
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	750.0	0.0
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	1000.0	0.0
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	200.0	0.0
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	500.0	0.0
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	200.0	0.0
32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	2.0	0.0
32221	CHLOROPHYLL A,% OF(PHEOPHYTIN A+CHL A),SPEC-ACID.	101.0	0.0
32230	CHLOROPHYLL A (MG/L)	0.5	0.0
32231	CHLOROPHYLL B (MG/L)	0.8	0.0
32232	CHLOROPHYLL C (MG/L)	0.2	0.0
32234	CHLOROPHYLL, TOTAL (A+B+C) (MG/L)	1.0	0.0
32270	CHLOROFORM EXTRACTABLES TOTAL IN MG PER LITER	5.0	0.0
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	1500.0	0.0
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	10.0	0.0
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39340	GAMMA-BHC(LINDANE),WHOLE WATER, (UG/L)	20.0	0.0
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER, (UG/L)	20.0	0.0
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	5.0	0.0
60050	ALGAE, TOTAL (CELLS/ML)	700000.0	0.0
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), (MG/L)	4000.0	0.0
70505	PHOSPHATE, TOTAL,COLORIMETRIC METHOD (MG/L AS P)	10.0	0.0
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10.0	0.0
71850	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	65.0	0.0
71886	PHOSPHORUS, TOTAL, AS PO4 - (MG/L)	30.0	0.0
71890	MERCURY, DISSOLVED (UG/L AS HG)	10.0	0.0
71895	MERCURY, SUSPENDED (UG/L AS HG)	10.0	0.0
71900	MERCURY, TOTAL (UG/L AS HG)	10.0	0.0
74010	IRON, TOTAL (MG/L AS FE)	56000.0	0.0

Appendix D

STORET Administrative Parameters

STORET Code	Description of STORET Administrative Parameters
00022	LENGTH OF EXPOSURE OF SAMPLE OR TEST - DAYS
00026	TOXICS-IDENTIFY DATA COLLECTION BY EPA DIRECTIVE
00027	CODE NO FOR AGENCY COLLECTING SAMPLE
00028	CODE NO FOR AGENCY ANALYZING SAMPLE
00029	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE
00063	SAMPLING POINTS, NUMBER OF IN A CROSS SECTION
00073	SAMPLE LOC CODE DEFINED BY THERMAL STRUCT & DEPTH
00111	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI
00115	SAMPLE TREATMENT CODE (1=RAW,2=TREATED)
00116	INTENSIVE SURVEY IDENTIFICATION NUMBER
00145	TOTAL PRODUCTION OF PRODUCT MANUFACTURED TONS/DAY
01273	TOTAL ACID PRIORITY POLLUTANTS MG/L
01274	TOTAL BASE-NEUTRAL PRIORITY POLLUTANTS MG/L
01275	TOTAL VOLATILE PRIORITY POLLUTANTS MG/L
01365	ANALYSIS DATE (DIOXIN) (YYMMDD)
04177	SAMPLE STABILIZATION, RECOVERY TEST CODE
04178	FIELD PROTOCOL(CONFDNCE ASSIGNED FIELD SAMPLE) CODE
04179	SAMPLE STATION LOCKED CODE
04180	CONDITION OF STATION SITE CODE
04181	LABORATORY QA/QC PLAN CONFIDENCE CODE
04182	SAMPLE TYPE CODE
04183	SAMPLE REMARKS CODE
30333	BAG MESH SIZE, BEDLOAD SAMPLER, MM
34772	NPDES NUMBER, CROSS REFERENCE CODE
34785	GAGE TYPE, METHOD CODE

STORET Code	Description of STORET Administrative Parameters
45575	GC MAKE AND MODEL INFORMATION CODE
45576	GC DETECTOR TYPE CODE
45577	GC COLUMN TYPE CODE
45580	METHOD OF ANALYSIS CODE
45581	LABORATORY LOCATION CODE
46107	SAMPLE LOCATION CODE (TREATMENT PLANT OPERATION)
46390	TOXICITY CHARACTERISTIC LEACHING PROCEDURE P OR F
46396	PROCESS TO SIGNIFICANTLY REDUCE PATHOGENS YES OR NO
46397	PROCESS TO FURTHER REDUCE PATHOGENS YES OR NO
47001	PERMIT EXPIRATION DATE (JULIAN CALENDAR)
47044	OBSERVATIONS,WASTE SITE-SEVERITY OF PROBLEMS CODE
47460	SUBSAMPLE - DECIMAL FRACTION OF WHOLE NUMBER
47477	COMPOSITION AND/OR DISPOSITION OF CATCH NUM CODE
70231	CURRENT DIRECTION (DEGREES FROM DOWNSTREAM FLOW)
71999	SAMPLE PURPOSE CODE
72032	NUMBER OF SPILLWAY GATES OPEN
73672	DATE OF ANALYSIS YYMMDD
73673	DATE OF EXTRACTION YYMMDD
74031	GRANT, PROJECT COST ELIGIBLE FOR CONSTRUCTION
74032	GRANT, AMOUNT OF PL 660 GRANT FOR THIS PROJECT
74033	GRANT, FEDERAL, OTHER THAN PL 660 GRANT
74034	GRANT, FUTURE PL 660 WHICH MAY APPLY TO THIS PROJ
74035	GRANT, TOTAL FEDERAL, WHICH APPLIES TO THIS PROJ
74036	GRANT, PROJ NUMBER ASSIGNED TO THIS APPLICATION
74037	GRANT, TYPE OF PROJECT TO WHICH GRANT APPLIES
74038	GRANT, STATUS OF PROJECT TO WHICH GRANT APPLIES
74039	PCS/STORET WATER QUALITY FILE INTERFACE YR/MO/DAY
74040	SURVEY NUMBER YYMMNO
74041	STORET STORAGE TRANSACTION DATE YR/MO/DAY

STORET Code	Description of STORET Administrative Parameters
74050	RADIOACTIVITY, GENERAL (PERMIT)
74051	ALGICIDES, GENERAL (PERMIT)
74052	CHLORINATED HYDROCARBONS, GENERAL (PERMIT)
74053	PESTICIDES, GENERAL (PERMIT)
74056	COLIFORM, TOTAL, GENERAL (PERMIT)
74065	STREAM FLOW CLASS
74066	ANNUAL RUNOFF
74067	SOIL CLASSIFICATION
74068	WATER QUALITY DESIGNATED USE CLASSIFICATION (IA)
74100	PRIMARY 1972 SIC CODE
74101	SECONDARY 1972 SIC CODE
74102	SECONDARY 1972 SIC CODE
74103	SECONDARY 1972 SIC CODE
74200	SAMPLE PRESERVATION METHODS ONE OR MORE IN COMB.
74205	LAND RESOURCE AREA (IOWA)
74206	SOIL EROSION POTENTIAL (IOWA)
74209	WATER QUALITY INDEX - STATE OF ILLINOIS, EPA
74210	FOREST STREAM WATER QUALITY INDEX CALC. NUMBER
74990	FISH SPECIES NUMERIC CODE - F&W SERVICE
74995	ANATOMY CODE
75000	SPECIES CODE-REMARK=SEX (M=MALE,F=FEMALE,U=UNK.)
81028	WITHDRAWAL OF GROUNDWATER (MILLION GAL/DAY)
82258	WATER CLASSIFICATION CODE (1-9) CODE
82292	DATA RELAY GROUND STATION SOURCE NODE CODE, CODE
82309	CONTAMINATION SOURCE POSSIBLE CODES NUMERIC CODE
82310	DEPTH CONFIDENCE IN REPORTED VALUES NUMERIC CODES
82373	FREQUENCY OF SAMPLING M=MON,Q=QUAR,Y=YR,R=RNFFCODE
82519	DRILLER REGISTRATION NUMBER ALPHA-NUMERIC CODE
82562	NARRATIVE REQUIREMENT EXCEEDANCES INTEGER

STORET Code	Description of STORET Administrative Parameters
82576	DAILY EXCURSION TIME, WATER MIN
82577	MONTHLY EXCURSION TIME, WATER TOTAL MIN
82578	DAY/MAXIMUM EXCURSION TIME, WATER MIN
82579	CODE NUMBER FOR PERSON COLLECTING SAMPLE
84002	CODE, GENERAL INFORMATION - ALPHA, NUMERIC CODE
84003	WATER SHED ID NUMBER (IOWA)
84005	FISH SPECIES CODE-FISH & WILDLIFE SER
84006	OWNERSHIP CLASSIFICATION OF LAKE, ILLINOIS SYSTEM
84010	PUBLIC ACCESS TO LAKE ILLINOIS SYSTEM
84011	CONFIDENCE CODE FOR GLC CONFIRMATION CODE
84012	PATIENT PARAMETERS (AGE, SEX, WT, ETC.) CODE
84013	SAMPLE PARAMETERS D=DESIGN SPECIMEN, S=SURPLUS
84027	CODE NUMBER FOR AGENCY COLLECTING SAMPLE
84028	CODE NO FOR AGENCY ANALYZING SAMPLE
84029	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE FIELD
84033	EGD ANALYTICAL DATA COMPLETENESS Y=YES N=NO CODE
84034	EGD SMPL NO.(SMPL.IDENT) NUMERIC=SCS ALPH+4NUM=JRB
84035	EGD SAMPLE CLASSIFICATION CATEGORY ALPHA CODE
84036	EGD INDUSTRIAL CATEGORY NUMERIC CODE
84037	EGD INDUSTRIAL CATEGORY NAME ALPHA CODE
84038	EGD LABORATORY NUMERIC CODE
84039	EGD LABORATORY NAME ALPHA CODE
84040	EGD SAMPLE STATUS (1-5,9,AND BLANK) NUMERIC CODE
84041	EGD ACID STATUS (1-5,9,AND BLANK) NUMERIC CODE
84042	EGD BASE STATUS (1-5,9AND BLANK) NUMERIC CODE
84043	EGD PESTICIDE STATUS (1-5,9,AND BLANK) NUMERIC CODE
84044	EGD VOA FRACT. STATUS INDICATOR (1-5,9,BLANK) CODE
84045	EGD ACID EXTRACT DATE (YYMMDD) NUMERIC CODE
84046	EGD BASE EXTRACTION DATE (YYMMDD) NUMERIC CODE

STORET Code	Description of STORET Administrative Parameters
84047	EGD PESTICIDE EXTRACTION DATE (YYMMDD) NUMERIC CODE
84048	EGD VOA FRACTION INJECTION DATE YYMMDD NUMERIC CODE
84049	EGD ACID CONC. FACTOR (FIVE NUMERIC DIGITS) CODE
84050	EGD BASE CONC.FACTOR (FIVE NUMERIC DIGITS) CODE
84051	EGD PESTICIDE CONC.FACTOR (FIVE NUMERIC DIGITS) CODE
84052	EGD VOA FRACTION CONC. FACTOR (5 NUMERIC DIGITS) CODE
84053	SAMPLE TYPE AND FREQUENCY OF COLLECTION CODE
84054	LITHOLOGY ALPHA-NUMERIC CODE
84055	AVAILABLE LOGS ALPHA-NUMERIC CODE
84056	WATER USE CATEGORY ALPHA-NUMERIC CODE
84057	INSPECTION TYPE ALPHA-NUMERIC CODE
84058	HYDROGEOLOGIC SYSTEM ALPHA-NUMERIC CODE
84059	WELL OWNERSHIP ALPHA-NUMERIC CODE
84060	TOPOGRAPHY ALPHA-NUMERIC CODE
84061	WELL USE ALPHA-NUMERIC CODE
84062	MEASURING POINT DESCRIPTION ALPHA-NUMERIC CODE
84063	DRILLING METHOD ALPHA-NUMERIC CODE
84064	WELL DATA AVAILABILITY ALPHA-NUMERIC CODE
84065	PERMIT COMPLIANCE DATA ALPHA-NUMERIC CODE
84067	NATURE OF MONITORING ALPHA-NUMERIC CODE
84073	REPLACES EXISTING WELL ALPHA-NUMERIC CODE
84074	AQUIFER TYPE (SEE USGS HANDBOOK) ALPHA CODE
84075	WELL PERMIT NUMBER ALPHA-NUMERIC CODE
84076	TSD MONITORING WELL TYPE ALPHA CODE
84077	TSD MONITORING WELL SAMPLING METHOD ALPHA CODE
84083	POLLUTION VERIFICATION ALPHA CODE
84084	WELL SAMPLE PURPOSE ALPHA CODE
84090	SAMPLE FILE CONTROL PROJECT IDENTIFICATION A-CODE
84091	INFILTRATION DATE/BEGINNING 'YYMMDD'

STORET Code	Description of STORET Administrative Parameters
84092	INFILTRATION DATE/ENDING 'YYMMDD'
84093	ENFORCEMENT FORM #2-C,DATA IDENTIFICATION CODE
84102	SAMPLE SPECIES-SUB ID ALPHA CODE
84103	DIOXIN LABORATORY ALPHA CODE
84104	DIOXIN STUDY ALPHA CODE
84112	SOURCE OF GEOHYDROLOGIC DATA CODE
84119	SOURCE OF EVACUATION DATA CODE
84121	REGULATING AGENCY CODE
84122	SAMPLE PURPOSE CODE
84126	SOURCE OF DEPTH DATA CODE
84127	METHOD OF DEPTH MEASUREMENT CODE
84128	SOURCE OF WATER-LEVEL DATA CODE
84129	DATA QUALITY
84141	LAKE, PHYSICAL CONDITION AT SAMPLE TIME, 1-5, CODE
84142	LAKE,RECREATIONAL SUITABILITY @ SMPL TIME,1-5, CODE
84164	SAMPLER TYPE, CODE
85300	PROBLEM CODE NES SURVEY
85327	WATER LEVEL AT SAMPLE COLLECTION TIME-CODE-NES
85332	CLOUD COVER AT SAMPLE COLLECTION TIME-CODE-NES
85553	WELL COMPLETION DATE (MONTH/YEAR)
85554	WELL WORKOVER DATE, LATEST (MONTH/YEAR)

Appendix E

STORET Parameters Not Suitable for Statistical Analysis

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
00001	X-SEC. LOC., HORIZ (FT. FROM R BANK LOOK UPSTR.)
00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)
00005	X-SEC. LOC., VERTICAL (PERCENT OF TOTAL DEPTH)
00006	DISTANCE FROM LOCATION IN X MILES
00007	DISTANCE FROM LOCATION IN Y MILES
00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE
00009	X-SEC. LOC.(FT FROM LEFT BANK LOOKING DOWNSTRM)
00027	CODE NO FOR AGENCY COLLECTING SAMPLE
00028	CODE NO FOR AGENCY ANALYZING SAMPLE
00033	WEATHER CODE FOR OCEAN-OBSERV. (WMO CODE 4677)
00037	WIND FORCE (BEAUFORT UNITS)
00038	WIND DIRECTION (WMO CODES 0885 + 0887)
00041	WEATHER (WMO CODE 4501)
00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL
00043	CLOUD TYPE (WMO CODE 0500)
00044	CLOUD AMOUNT (WMO CODE 2700)
00047	TOTAL PARTIAL PRESSURE DISSOLVED GASES (MM HG)
00048	TOTAL PARTIAL PRESSURE DISSOLVED GASES (% SAT)
00049	SURFACE AREA IN SQUARE MILES
00050	EVAPORATION, TOTAL (INCHES PER DAY)
00051	SURFACE AREA IN SQUARE FEET
00053	SURFACE AREA, ACRES
00054	RESERVOIR STORAGE - ACRE FEET
00063	SAMPLING POINTS, NUMBER OF IN A CROSS SECTION
00067	TIDE STAGE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
00069	SEA WAVES(0=NONE;1=0-3";2=4-20";3=21-48";4=4-8')
00097	SAMPLING STATION LOCATION, VERTICAL (FEET)
00098	SAMPLING STATION LOCATION, VERTICAL (METERS)
00111	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI
00115	SAMPLE TREATMENT CODE (1=RAW,2=TREATED)
01300	OIL-GREASE (SEVERITY)
01305	DETERGENT SUDS (SEVERITY)
01310	GAS BUBBLES (SEVERITY)
01315	SLUDGE, FLOATING (SEVERITY)
01320	GARBAGE, FLOATING (SEVERITY)
01325	ALGAE, FLOATING MATS (SEVERITY)
01330	ODOR, ATMOSPHERIC (SEVERITY)
01331	TASTE (SEVERITY)
01335	SEWAGE SOLIDS, FRESH, FLOATING (SEVERITY)
01340	FISH, DEAD (SEVERITY)
01345	DEBRIS, FLOATING (SEVERITY)
01350	TURBIDITY (SEVERITY)
01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE
01355	ICE COVER, FLOATING OR SOLID (SEVERITY)
03595	BIOASSAY (96 HR), EFFLUENT, TOTAL CODE
03596	BIOASSAY (48 HR), EFFLUENT, TOTAL CODE
03597	BIOASSAY (24 HR), EFFLUENT, TOTAL CODE
03598	TOXICITY, EFFLUENT, TOTAL CODE
03599	TOXICITY, CHOICE OF SPECIES, EFFLUENT CODE
03600	TOXICITY, TROUT, EFFLUENT, TOTAL CODE
03601	TOXICITY, SAND DOLLAR, EFFLUENT CODE
03602	BIOCHEMICAL OXYGEN DEMAND, EFFLUENT, TOTAL CODE
03603	SOLIDS, TOTAL SUSPENDABLE, EFFLUENT, TOTAL CODE
03605	FLOW METER CALIBRATION, WATER CODE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
03717	ONCORHYNCHUS MYKISS, WATER CODE
04117	TETHER LINE USED FOR COLLECTING SAMPLE CODE
04160	HALOCARBONS, PURGEABLE, SCAN, EFFLUENT CODE
04161	HALOCARBONS, PURGEABLE, SCAN, SLUDGE CODE
04162	AROMATIC, PURGEABLE, SCAN, EFFLUENT CODE
04163	AROMATIC, PURGEABLE, SCAN, SLUDGE CODE
04164	PHENOLIC, TOTAL, SCAN, EFFLUENT CODE
04165	PHENOLIC, TOTAL, SCAN, SLUDGE CODE
04166	PCB, TOTAL, SCAN, EFFLUENT CODE
04167	PCB, TOTAL, SCAN, SLUDGE CODE
04174	FREE LIQUIDS IN SEWAGE SLUDGE CODE
34765	AVIAN NUMERICAL SPECIES CODE (BIRDS)
34766	MAMMALIAN NUMERICAL SPECIES CODE
34771	MACROPHYTE, INSTREAM, VISUAL SIGHTING CODE
34773	ODOR, AMBIENT WATER CODE
34774	FISH, INSTREAM, VISUAL SIGHTING CODE
34775	STREAMBANK CHANNEL ALTERATIONS CODE
34776	HYDRAULIC STRUCTURES, INSTREAM CODE
34780	LAND USE, ADJACENT STREAM CODE
34781	SAMPLE POINTS, # OF LONGTDNL TRANSECTS, REACH CODE
34782	STREAM STAGE TREND CODE
34789	HABITATS, TYPES SAMPLED CODE
45613	FLOATING SOLIDS/VISIBLE FOAM, VISUAL, YES=1, NO=0, CODE
45614	SANITARY WASTE DISCHARGE ASSESSMENT, YES=1, NO=0, CODE
45615	INTERMITTENT DISCHARGE ASSESSMENT, YES=1, NO=0,CODE
46001	WATER APPEARANCE CODE (BASED ON FIELD ASSESSMENT)
46478	EQUIPMENT INSPECTION, VISUAL CODE
46486	TOXICITY,ACUTE 24HR(STATIC)CERIODAPHNIA (P/F) CODE
47454	FLOW METER REVOLUTIONS NUMBER

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
47455	LATITUDE, STARTING, OF A SAMPLE TOW DDMMSS
47456	LONGITUDE, STARTING, OF A SAMPLE TOW DDDMMSS
47457	LATITUDE, FINISHING, OF A SAMPLE TOW DDMMSS
47458	LONGITUDE, FINISHING, OF A SAMPLE TOW DDDMMSS
47459	LENGTH FREQUENCY NUMBER
47461	TIME THAT THE EQUIPMENT WAS SAMPLING MINUTES
47476	DIRECTION OF TOW IN RELATION TO CURRENT NUM CODE
50044	HYDROGRAPH LIMB, 1BASE, 2RISING, 3PEAK, 4FALLING, CODE
61390	DIATOMS,FIRST DOMINANT SPECIES OF UNITS - CODE
61391	DIATOMS,SECOND DOMINANT SPECIES OF UNITS - CODE
61392	DIATOMS,THIRD DOMINANT SPECIES OF UNITS - CODE
61393	DIATOMS,FOURTH DOMINANT SPECIES OF UNITS - CODE
70220	WAVE DIRECTION (WMO CODES 0885 + 0887)
70222	WAVE HEIGHT (WMO CODE 1555)
70223	WAVE PERIOD (WMO CODE 3155)
71090	BIVALVE SPECIES CODE
71500	EQUITABILITY INDEX,BENTHIC MACROINVER CODE
72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)
72001	DEPTH, TOTAL OF HOLE (FT BELOW LAND SURFACE DATUM)
72002	DEPTH TO TOP OF WATER-BEARING ZONE SAMPLED (FT)
72003	DEPTH TO BOTTOM OF WATER-BEARING ZONE SAMPLED (FT)
72004	PUMP OR FLOW PERIOD PRIOR TO SAMPLING MINUTES
72005	SAMPLE SOURCE CODE (BM WELL DATA)
72006	SAMPLING CONDITION CODE (BM WELL DATA)
72007	FORMATION NAME CODE (BM WELL DATA)
72017	SERIES CODE (BM WELL DATA)
72018	SYSTEM CODE (BM WELL DATA)
72111	DIRECT READOUT GROUND STATN TRANSMIT EROR CODE NUM
74054	FECAL STREPTOCOCCI, GENERAL (PERMIT)

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
74055	FECAL COLIFORM, GENERAL (PERMIT)
80889	ACTIVATED SLUDGE PROCESS MODIFICATION CODE
81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)
81637	SHELLFISH SPECIES NUMERIC CODE
82289	LAGOON OBSERVATION, VISUAL, Y=YES N=NO CODE
82398	SAMPLING METHOD (CODES)
82524	STORAGE COEFFICIENT NUMERICAL CODE
82923	ATMOSPHERIC DEPOSITION TYPE, WET CODE
83205	ATMOSPHERIC DEPOSITION TYPE, BULK CODE
84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)
84001	AQUIFER NAME CODE (SEE USGS CATALOG)
84004	LAKE TYPE ILLINOIS CLASSIFICATION SYSTEM
84007	ANATOMY ALPHA CODE
84008	LIFE STYLE/HABITAT OF THE INDIVIDUALS IN THE SAMPLE
84009	SHELLFISH SPECIES ALPHANUMERIC CODE
84014	SPECIES SEX CODE
84030	CLOUD AMOUNT ALPHA WEATHER CODES
84031	PHYSICAL WEATHER ALPHA WEATHER CODES
84032	STREAM CONDITION ALPHA WEATHER CODES
84066	OIL AND GREASE, VISUAL, ALPHA-NUMERIC CODE
84068	SERIES CODE ALPHA-NUMERIC CODE
84069	FORMATION CODE ALPHA-NUMERIC CODE
84070	METHOD OF TESTING WELL YIELD ALPHA-NUMERIC CODE
84071	WATER LEVEL MEASUREMENT CONDITIONS ALPHA-NUM CODE
84072	WATER LEVEL MEASUREMENT METHOD ALPHA-NUMERIC CODE
84078	GIARDIA LAMBLIA, 2HSO4 OR SUC GRAD, MICRO, CODE
84079	BACTERIA, CELLUOLYTIC, AEROBIC-ANAEROBIC, RT 5-7, CODE
84080	BACTERIA, HYDROCARBONOCLASTIC, SHAKE INC 32C/WK, CODE
84081	YERSINIA ENTEROCOLITICA, SB BROTH, MAC AGAR,22C, CODE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
84082	SALMONELLA/SHIGELLA, QUANT OR QUAL, HVF OR SWAB, CODE
84085	ORGANICS, VOLATILE, DETECTED, NUMERIC CODE, CODE
84086	MACROINVERTEBRATE SPECIES NUMERIC CODE
84087	MACROINVERTEBRATE HABITAT CODE
84088	BIOLOGY 1 MACROINVERTEBRATE CODE
84089	BIOLOGY 2 MACROINVERTEBRATE CODE
84094	PHYTOPLANKTON SPECIES CODE, NUMERIC
84095	PHYTOPLANKTON SPECIES CODE, ALPHA
84096	SEVERITY OF NON-PLANKTON ALGAE-MAT COVERAGE CODE
84097	LAGOON MOUTH CONDITION CODE
84098	COLOR OF NON-PLANKTONIC ALGAE CODE
84099	WATER - RELATIVE WATER LEVEL CODE
84100	SEX(1-MALE,2-FEMALE,3-MIXED,4-UNKNOWN) NUM CODE
84101	METAFORM, BENTHIC, ADULT(A), PUPAE(P), LARVAE(L) CODE
84105	OIL-SEPARATOR OBSERVATION ASSESS (0=DID NOT,1=DID)
84106	EVAPORAT/BED OBS ASSESS (0=DID NOT LOOK, 1=DID LOOK)
84107	AREA INSPECTION, VISUAL (0=DID NOT, 1=DID) CODE
84108	DRAIN FIELD INSPECTION ASSESS (0=DID NOT, 1=DID) CODE
84109	SLUDGE BUILD-UP IN WATER (0=DID NOT OBS, 1=OBS) CODE
84110	POND OBSERVATION ASSESS WATER (0=DID NOT, 1=DID) CODE
84111	LITHOLOGIC MODIFIER CODE
84113	WELL INTAKE FINISH CODE
84114	WELL CASING MATERIAL CODE
84115	TYPE OF MATERIAL FROM WHICH OPENING IS MADE CODE
84116	DRILLING FLUID CODE
84117	TYPE OF SURFACE SEAL CODE
84118	METHOD OF DEVELOPMENT CODE
84120	PACKING MATERIAL CODE
84124	METHOD OF EVACUTAION CODE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
84125	METHOD OF WATER-LEVEL MEASUREMENT CODE
84130	OUTFALL OBSERVATION, VISUAL, Y=YES N=NO CODE
84131	SAMPLING METHOD, CONFIDENCE CODE (A,B,C,D) CODE
84132	STREAMBANK, VEGETATIVE STABILITY RATING CODE
84133	STREAMBANK, STABILITY (BANK EROSION) RATING CODE
84134	PARTICLES, DEGREE SURROUNDED BY FINE SEDIMENT, CODE
84135	STREAMSIDE, (SHORELINE) COVER RATING CODE
84136	CANOPY TYPE CODE
84137	CHANNEL STABILITY RATING CODE (E,G,F,P) CODE
84138	COLIFORM, TOTAL, WATER, WHOLE, MPN, PRES=1, ABSNT=2, CODE
84139	ENTEROBACTER AGGLOMERANS, WTR, MF, PRES=1, ABSNT=2, CODE
84140	KLEBSIELLA PNEUMONIAE, WTR, WH, MF, PRES=1, ABSNT=2, CODE
84143	WELL, PURGING CONDITION CODE
84144	WELL, SELECTION CRITERIA CODE
84145	PROJECT COMPONENT CODE
84146	LAND USE, PREDOMINANT, WITHIN 100 FT OF WELL, CODE
84147	LAND USE, PREDOMINANT, 1/4 MI.RADIUS OF WELL, CODE
84148	LAND USE, PREDMNT., FRAC., WITHIN 1/4 MI OF WELL, CODE
84149	LAND USE, CHANGE, LAST 10 YRS, WITHIN 1/4MI WELL, CODE
84150	HABITAT QUALITY INDEX RATING CODE
84151	AQUATIC LIFE, USE CLASSES CODE
84152	STREAM, STAGE CLASS CODE
84153	STREAMBANKS, GRAZING DAMAGE CODE
84154	CHANNEL, MAJOR ALTERATIONS CODE
84155	RIFFLE/RUNS, OCCURRENCE CODE
84156	POOL, DESCRIPTION CODE
84157	SANDBARS, LARGE, OCCURRENCE CODE
84158	LAND USE, NEAR STREAM, PREDOMINANT CODE
84159	STREAM,COVER (INSTREAM SHELTER FOR ADULT FISH), CODE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
84160	STREAM, DEGRADATION RATING CODE
84161	STREAM, ORDER CODE
84162	LAND RESOURCE AREA CODE
84163	FLOW, STREAM, CLASSIFICATION CODE
84165	DISCHARGE EVENT OBSERVATION, YES=1 NO=0, CODE
84166	STORM HYDROGRAPH, DIRECTION, (RISE,FALL), CODE
84167	MICROSCOPIC EXAMINATION CODE
84168	AVIAN SPECIES ALPHA CODE (BIRDS)
84169	MAMMALIAN ALPHA SPECIES CODE
84170	ALPHA AGE TEXT CODE
84200	LATITUDE/LONGITUDE COORDINATES OF WELL, METHOD CODE
84201	NATIONAL REFERENCE DATUM, ALTITUDE(VERTICAL) CODE
84202	ALTITUDE METHOD CODE
85000	STREAM MILE, ACTUAL MILES
85014	HABITAT, 1970 ACRES THIS TYPE FOR THIS STATION
85015	HAB., ESTIMATED ACRES THIS TYPE THIS STATION
85016	HAB., ESTIMATED ACRES THIS TYPE THIS STA. BY 1990
85017	HAB., ESTIMATED ACRES THIS TYPE THIS STA. BY 2000
85018	TYPE CODES: 1=CLEAR CUT/2=SELECT CUT/3=RNGE DEVLP
85019	ACRES, NO. ALTERED FROM 1965-1970 (0-5 YEARS OLD)
85020	ACRES, NO. ALTERED 1960-1965 (5-10 YEARS OLD)
85021	ACRES, NO. ALTERED 1955-1960 (10-15 YEARS OLD)
85022	ACRES, NO. ALTERED 1950-1955 (15-20 YEARS OLD)
85023	ACRES, NO. ALTERED BEFORE 1950 (20+ YEARS OLD)
85024	ACRES,PREDICTED YRLY.AVE.TO BE ALTERED IN FUTURE
85025	LANDOWNERS, CODES FOR ALL IN STATE OF OREGON
85026	ACRES, CURRENT OWNED THIS LANDOWNER THIS STATION
85027	ACRES, ESTIMATED OWNED BY L-O THIS STA. BY 1980
85028	ACRES, ESTIMATED OWNED BY L-O THIS STA. BY 1990

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
85029	ACRES, ESTIMATED OWNED BY L-O THIS STA. BY 2000
85030	LAND USES, CODES FOR ALL IN STATE OF OREGON
85031	ACRES, CURRENT DEDICATED TO THIS USE THIS STATION
85032	ACRES, ESTM. DEDICTD TO THIS USE THIS STA BY 1980
85033	ACRES, ESTM. DEDICTD TO THIS USE THIS STA BY 1990
85034	ACRES, ESTM. DEDICTD TO THIS USE BY YR.2000 --STA.
85035	HAB., INDICATED ANIMAL USES THIS TYPE IN WINTER
85036	HAB., INDICATED ANIMAL USES THIS TYPE IN SPRING
85037	HAB., INDICATED ANIMAL USES THIS TYPE IN SUMMER
85038	HAB., INDICATED ANIMAL USES THIS TYPE IN FALL
85039	HAB., INDICATED ANML USES THIS TYPE FOR WINTERING
85040	HAB., INDICATED ANML USES THIS TYPE FOR FEEDING
85041	HAB., INDICATED ANML USES TYPE FOR REARING YOUNG
85042	HAB., INDICATED BIRD USES THIS TYPE FOR NESTING
85043	HAB., INDICATED ANML USES THIS TYPE FOR SHELTER
85044	HAB., INDICATED ANML USES THIS TYPE FOR REST AREA
85045	ANML, SHOWS PRESENCE/ABSNC OF COMMENTS ON THIS ANML
85046	HAB.,ACRES OCCUPIED BY THIS ANML THIS UNIT & CO.
85050	ANIMALS ARE NOT PRESENT THIS STATION
85051	ANIMALS, ONLY A FEW ARE PRESENT THIS STATION
85052	ANIMALS COMMONLY SEEN; USE MODERATE THIS STATION
85053	ANIMALS FREQUENTLY SEEN; USE HEAVY THIS STATION
85070	OWNERSHIP (.1) AND ACCESS (.2) BY YEAR
85071	PRIVATE OWNERSHIP AND ACCESS MILEAGE
85072	FEDERAL OWNERSHIP AND ACCESS MILEAGE
85073	STATE OWNERSHIP AND ACCESS MILEAGE
85074	COUNTY OWNERSHIP AND ACCESS MILEAGE
85075	CITY OWNERSHIP AND ACCESS MILEAGE
85076	WATER YEAR DATA REFERS TO

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
85077	CALENDAR YEAR DATA REFERS TO
85088	MONTHS POLLUTION IS A PROBLEM JAN THRU JUNE
85089	MONTHS POLLUTION IS A PROBLEM JULY TO DECEMBER
85090	MAN-CAUSED CHANNEL CHANGE IN MILES
85091	STREAM BANK HABITAT DESTROYED IN MILES
85092	STREAMBED SILTED IN MILES
85093	TURBIDITY PROBLEM IN MILES
85094	SEVERITY: 1=ELIMINATES 2=INTERFERES 3=NO PROBLEM
85095	DURATION OF TURBIDITY PROBLEM IN MONTHS
85096	SEASON OF NATURAL DRY CHANNEL 1=SP 2=SU 3=F 4=W
85097	NATURAL DRY CHANNEL IN MILES
85098	MAN-CAUSED DRY CHANNEL SEASON 1=SP 2=SU 3=F 4=W
85099	MAN-CAUSED DRY CHANNEL IN MILES
85100	YEAR BARRIER IS PRESENT
85101	NUMBER OF NATURAL BARRIERS
85102	MILES BLOCKED BY NATURAL BARRIERS
85103	NUMBER OF NATURAL BARRIERS TO BE REMOVED
85104	NUMBER OF DAMS AND MAN CAUSED OBSTRUCTIONS
85105	MILES BLOCKED BY DAMS OR MAN CAUSED OBSTRUCTIONS
85106	NUMBER OF DAMS TO BE ALTERED
85107	MILES OF STREAM OCCUPIED BY IMPOUNDMENT
85108	LOWER END OF SECTION COVERED BY THIS FORM
85109	UPPER END OF SECTION COVERED BY THIS FORM
85110	LOWER LIMIT THIS SPECIES THIS FORM BY RIVER MILE
85111	UPPER LIMIT THIS SPECIES THIS FORM BY RIVER MILE
85112	STREAM SURVEY:1=COMPLETE 2=INCOMPLETE 3=NONE
85113	ABUNDANCE: 1=FSHWY/TAG&R 2=SURVEY 3=EST PLUS 4=EST
85114	ABUNDANCE: N=S&ST 1=ABUNDANT 4=SCARCE RGH FSH 3=SCARCE
85116	SQUARE YARDS OF SPAWNING AREA IN 1970

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
85117	SQUARE YARDS OF SPAWNING AREA IN 1980
85118	SQUARE YARDS OF SPAWNING AREA IN 1990
85119	SQUARE YARDS OF SPAWNING AREA IN 2000
85120	MILES OF REARING AREA IN 1970
85121	MILES OF REARING AREA IN 1980
85122	MILES OF REARING AREA IN 1990
85123	MILES OF REARING AREA IN 2000
85124	CATCH BY SPORT ANGLING IN 1970
85125	RECREATION DAYS SPENT ANGLING IN 1970
85126	RECREATION DAYS SPENT ANGLING IN 1980
85127	RECREATION DAYS SPENT ANGLING IN 1990
85128	RECREATION DAYS SPENT ANGLING IN 2000
85129	CONTRIBUTION TO COMMERCIAL CATCH IN 1970
85130	PERCENT OF TOTAL FISHING DONE FROM BOAT IN 1970
85131	PERCENT OF TOTAL FISHING DONE FROM BANK IN 1970
85132	PERCENT OF TOTAL FISHING DONE WITH LURE IN 1970
85133	PERCENT OF TOTAL FISHING DONE WITH BAIT IN 1970
85134	PERCENT OF TOTAL FISHING DONE WITH A FLY IN 1970
85146	YEAR THIS FACTOR HAS A LIMITING EFFECT
85157	MAN DAYS OF WATER SKIING
85158	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NO ACTIVITY
85159	MAN DAYS OF BOATING OTHER THAN ANGLING
85160	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NO ACTIVITY
85161	MAN DAYS OF SWIMMING
85162	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NO ACTIVITY
85163	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NOT PRESENT
85165	NUMBER OF MONTHS SUSPENDED SOLIDS ARE A PROBLEM
85167	NUMBER OF MONTHS PLANKTON IS A PROBLEM
85168	1=ELIMINATE PROD 2=REDUCE 3=NO INTER. 4=NOT PRES

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
85169	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85170	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85171	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85172	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85173	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85174	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85175	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85176	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85177	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85178	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85179	YEAR THIS NUMBER OF FACILITIES PRESENT
85180	NUMBER OF BOAT RAMPS
85181	NUMBER OF MOORAGES
85182	NUMBER OF PICNIC AREAS
85183	NUMBER OF CAMP AREAS
85184	NUMBER OF RESORTS
85185	YEAR THIS ZONED AREA PRESENT
85186	ACRES SET ASIDE FOR OTHER BOATING
85187	ACRES SET ASIDE FOR WATER SKIING
85188	MILES OF SHORE LOST TO ACCESS BY HOME SITES
85189	TOTAL MILES OF SHORELINE
85193	WILL RECR BE INC BY RELEASE OF FINGERL 0=NO 1=YES
85195	CATCH AND RECREATION ESTIMATE 1=BEST 4=POOREST
85333	PRECIPITATION-SAMPLE COLLECTION TIME-CODE- NES
85538	GAMMA SCAN DATE (YR,MO,DAY)
85539	DATE OF REPORT (YR,MO,DAY)
85658	TIME NIGHT CO2 HR
85661	TIME, INTERVAL DAY CO2 HR

Appendix F

National EPA Water Quality Criteria Summary[1]

The following table presents the national water quality criteria that were used to assess water quality data on a station-by-station basis and within the entire study area. Criteria are, for the most part, maximum values (except for dissolved oxygen, pH, and as noted). Criteria exist in any of four categories: Fresh Acute, Drinking Water, Marine Acute, and Other. Acute criteria are the highest 1-hour average concentrations which should not result in unacceptable impacts to aquatic organisms in either fresh or marine waters, respectively. The Drinking Water criteria are intended for human consumption; while the Other criteria represents National Park Service or other concerns. Parameters are listed in ascending order by STORET code. It is important to note that similar parameters often have non-consecutive codes. Consequently, scanning the entire list is necessary to obtain the criteria for all parameters of a particular type (eg. lead, copper, etc.). Refer to the Parameter Period of Record Tabulation to obtain the STORET code for any parameter measured in the park.

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
	00070				50[t]	TURBIDITY, JACKSON CANDLE UNITS	JTU	Physical
	00076				50[t]	TURBIDITY, HACH TURBIDIMETER, FORMAZIN TUR. UNITS	FTU	Physical
14808798	00154		250[s]			SULFATE (AS S) WHOLE WATER	MG/L	General Inorganic
7782447	00299				4.0[u]	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	MG/L	Dissolved Oxygen
7782447	00300				4.0[u]	OXYGEN, DISSOLVED	MG/L	Dissolved Oxygen
	00400				≤6.5, ≥9.0[#]	PH	SU	Physical
	00403				≤6.5, ≥9.0[#]	PH, LAB	SU	Physical
	00406				≤6.5, ≥9.0[#]	PH, FIELD	SU	Physical

[1]Sources: (1) U.S. Environmental Protection Agency, Quality Criteria for Water 1995, Final Draft; (2) U.S. Environmental Protection Agency, 40 CFR 141 - National Primary Drinking Water Regulations, and 40 CFR 143 - National Secondary Drinking Water Regulations, July 1, 1994; and (3) Others as Noted in Footnotes.

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
471341	00409				<200[=]	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYSIS	UEQ/L	General Inorganic
17778880	00613		1			NITRITE NITROGEN, DISSOLVED AS N	MG/L	Nitrogen
17778880	00615		1			NITRITE NITROGEN, TOTAL AS N	MG/L	Nitrogen
17778880	00618		10			NITRATE NITROGEN, DISSOLVED AS N	MG/L	Nitrogen
17778880	00620		10			NITRATE NITROGEN, TOTAL AS N	MG/L	Nitrogen
17778880	00628		10			NITRITE + NITRATE, SUSPENDED AS N	MG/L	Nitrogen
17778880	00630		10			NITRITE PLUS NITRATE, TOTAL 1 DET.	MG/L	Nitrogen
17778880	00631		10			NITRITE PLUS NITRATE, DISSOLVED 1 DET.	MG/L	Nitrogen
57125	00718	22	200	1.0		CYANIDE, WEAK ACID, DISSOCIABLE, WATER, WHOLE	UG/L	General Inorganic
57125	00719	22	200	1.0		CYANIDE, FREE,IN WATER&WASTEWATERS, HBG METHOD	UG/L	General Inorganic
57125	00720	0.022	0.2	0.001		CYANIDE, TOTAL	MG/L	General Inorganic
57125	00722	0.022	0.2	0.001		CYANIDE, FREE (AMENABLE TO CHLORINATION)	MG/L	General Inorganic
57125	00723	22	200	1.0		CYANIDE, DISSOLVED STD METHOD	UG/L	General Inorganic
57125	00724	22	200	1.0		CYANIDE COMPLEXED TO A RANGE OF COMPNDS, WATER	UG/L	General Inorganic
16887006	00940	860	250[s]			CHLORIDE,TOTAL IN WATER	MG/L	General Inorganic
16887006	00941	860	250[s]			CHLORIDE, DISSOLVED IN WATER	MG/L	General Inorganic
14808798	00945		250[s]			SULFATE, TOTAL (AS SO4)	MG/L	General Inorganic
14808798	00946		250[s]			SULFATE, DISSOLVED (AS SO4)	MG/L	General Inorganic
1332214	00948		7000000			ASBESTOS, WHOLE SAMPLE	CNT/L	General Inorganic
16984488	00950		4.0			FLUORIDE, DISSOLVED AS F	MG/L	General Inorganic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
16984488	00951		4.0			FLUORIDE, TOTAL AS F	MG/L	General Inorganic
7782414	00953		4000			FLUORINE, TOTAL	UG/L	General Inorganic
7440382	00978	360	50	69		ARSENIC, TOTAL RECOVERABLE IN WATER AS AS	UG/L	Metal
7782492	00981	20	50	300		SELENIUM,TOTAL RECOVERABLE IN WATER AS SE	UG/L	Metal
7440280	00982	1400*	2.0	2130*		THALLIUM, TOTAL RECOVERABLE IN WATER AS TL	UG/L	Metal
7782492	00990	20	50	300		SELENITE, TOTAL RECOVERABLE INORGANIC	UG/L	Metal
7440382	00991	360	50	69		ARSENIC, TOTAL RECOVERABLE TRIVALENT INORGANIC	UG/L	Metal
7440382	00995	360	50	69		ARSENIC, INORGANIC DISS	UG/L	Metal
7440382	00996	360	50	69		ARSENIC, INORGANIC SUSP	UG/L	Metal
7440382	00997	360	50	69		ARSENIC, INORGANIC TOT	UG/L	Metal
7440417	00998	130*	4.0			BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE	UG/L	Metal
7440382	01000	360	50	69		ARSENIC, DISSOLVED	UG/L	Metal
7440382	01001	360	50	69		ARSENIC, SUSPENDED	UG/L	Metal
7440382	01002	360	50	69		ARSENIC, TOTAL	UG/L	Metal
7440393	01005		2000			BARIUM, DISSOLVED	UG/L	Metal
7440393	01006		2000			BARIUM, SUSPENDED	UG/L	Metal
7440393	01007		2000			BARIUM, TOTAL	UG/L	Metal
7440393	01009		2000			BARIUM,TOTAL RECOVERABLE IN WATER AS BA	UG/L	Metal
7440417	01010	130*	4.0			BERYLLIUM, DISSOLVED	UG/L	Metal
7440417	01011	130*	4.0			BERYLLIUM, SUSPENDED	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440417	01012	130*	4.0			BERYLLIUM, TOTAL	UG/L	Metal
7440439	01025	3.9+	5.0	43		CADMIUM, DISSOLVED	UG/L	Metal
7440439	01026	3.9+	5.0	43		CADMIUM, SUSPENDED	UG/L	Metal
7440439	01027	3.9+	5.0	43		CADMIUM, TOTAL	UG/L	Metal
7440473	01030		100			CHROMIUM, DISSOLVED	UG/L	Metal
7440473	01031		100			CHROMIUM, SUSPENDED	UG/L	Metal
7440473	01032	16	100	1100		CHROMIUM, HEXAVALENT	UG/L	Metal
16065831	01033	1700+	100	10300*		CHROMIUM, TRI-VAL	UG/L	Metal
7440473	01034		100			CHROMIUM, TOTAL	UG/L	Metal
7440508	01040	18+	1300a	2.9		COPPER, DISSOLVED	UG/L	Metal
7440508	01041	18+	1300a	2.9		COPPER, SUSPENDED	UG/L	Metal
7440508	01042	18+	1300a	2.9		COPPER, TOTAL	UG/L	Metal
7439921	01049	82+	15a	220		LEAD, DISSOLVED	UG/L	Metal
7439921	01050	82+	15a	220		LEAD, SUSPENDED	UG/L	Metal
7439921	01051	82+	15a	220		LEAD, TOTAL	UG/L	Metal
7440280	01057	1400*	2.0	2130*		THALLIUM, DISSOLVED	UG/L	Metal
7440280	01058	1400*	2.0	2130*		THALLIUM, SUSPENDED	UG/L	Metal
7440280	01059	1400*	2.0	2130*		THALLIUM, TOTAL	UG/L	Metal
7440020	01065	1400+	100	75		NICKEL, DISSOLVED	UG/L	Metal
7440020	01066	1400+	100	75		NICKEL, SUSPENDED	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440020	01067	1400[+]	100	75		NICKEL, TOTAL	UG/L	Metal
7440020	01074	1400[+]	100	75		NICKEL, TOTAL RECOVERABLE IN WATER AS NI	UG/L	Metal
7440224	01075	4.1[+]	100[s]	0.12		SILVER, DISSOLVED	UG/L	Metal
7440224	01076	4.1[+]	100[s]	0.12		SILVER, SUSPENDED	UG/L	Metal
7440224	01077	4.1[+]	100[s]	0.12		SILVER, TOTAL	UG/L	Metal
7440224	01079	4.1[+]	100[s]	0.12		SILVER, TOTAL RECOVERABLE IN WATER AS AG	UG/L	Metal
7440508	01089	0.018[+]	1.3[a]	0.0029		COPPER AS SUSPENDED BLACK OXIDE IN WATER	MG/L	General Inorganic
7440666	01090	120[+]	5000[s]	95		ZINC, DISSOLVED	UG/L	Metal
7440666	01091	120[+]	5000[s]	95		ZINC, SUSPENDED	UG/L	Metal
7440666	01092	120[+]	5000[s]	95		ZINC, TOTAL	UG/L	Metal
7440666	01094	120[+]	5000[s]	95		ZINC, TOTAL RECOVERABLE IN WATER AS ZN	UG/L	Metal
7440360	01095	88[p]	6.0	1500[p]		ANTIMONY, DISSOLVED	UG/L	Metal
7440360	01096	88[p]	6.0	1500[p]		ANTIMONY, SUSPENDED	UG/L	Metal
7440360	01097	88[p]	6.0	1500[p]		ANTIMONY, TOTAL	UG/L	Metal
7440439	01113	3.9[+]	5.0	43		CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	UG/L	Metal
7439921	01114	82[+]	15[a]	220		LEAD, TOTAL RECOVERABLE IN WATER AS PB	UG/L	Metal
7440473	01118		100			CHROMIUM TOTAL RECOVERABLE IN WATER AS CR	UG/L	Metal
7440508	01119	18[+]	1300[a]	2.9		COPPER, TOTAL RECOVERABLE IN WATER AS CU	UG/L	Metal
7440280	01124	1400[*]	2.0	2130[*]		THALLIUM, ACID SOLUBLE, WATER, WHOLE	UG/L	Metal
7440280	01128	1400[*]	2.0	2130[*]		THALLIUM, TOTAL RECOVERABLE <95%	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7782492	01145	20	50	300		SELENIUM, DISSOLVED	UG/L	Metal
7782492	01146	20	50	300		SELENIUM, SUSPENDED	UG/L	Metal
7782492	01147	20	50	300		SELENIUM, TOTAL	UG/L	Metal
7782492	01167	20	50	300		SELENIUM, ACID SOLUBLE, WATER, WHOLE	UG/L	Metal
18540299	01220	16	100	1100		CHROMIUM, HEXAVALENT, DISSOLVED	UG/L	Metal
7440360	01268	88[p]	6.0	1500[p]		ANTIMONY (SB), WATER, TOTAL RECOVERABLE	UG/L	Metal
57125	01291	22	200	1.0		CYANIDE, FILTERABLE, TOTAL IN WATER	UG/L	General Inorganic
7440666	01303	0.120[+]	5.0[s]	0.095		ZINC, POTENTIALLY DISSOLVED WATER	MG/L	Metal
7440224	01304	0.0041[+]	0.1[s]	0.00012		SILVER, POTENTIALLY DISSOLVED WATER	MG/L	Metal
7440508	01306	0.018[+]	1.3[a]	0.0029		COPPER, POTENTIALLY DISSOLVED WATER	MG/L	Metal
18540299	01307	0.016	0.1	1.1		CHROMIUM, HEXAVALENT, POTENTIALLY DISSOLVED	MG/L	Metal
7440382	01309	0.36	0.05	0.069		ARSENIC, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440393	01311		2.0			BARIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440417	01312	0.13[*]	0.004			BERYLLIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440439	01313	0.0039[+]	0.005	0.043		CADMIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
16065831	01314	1.7[+]	0.1	10.3[*]		CHROMIUM, TRIVALENT, POTENTIALLY DISSOLVED	MG/L	Metal
7439921	01318	0.082[+]	0.015[a]	0.220		LEAD, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7439976	01321	0.0024	0.002	0.0021		MERCURY, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440020	01322	1.4[+]	0.1	0.075		NICKEL, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7782492	01323	0.020	0.050	0.300		SELENIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440280	01324	1.4*	0.002	2.13*		THALLIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440611	01326		0.020c			URANIUM, POTENTIALLY DISSOLVED, WATER	MG/L	Metal
7440224	01523	4.1+	100s	0.12		SILVER, IONIC	UG/L	Metal
50328	03648		0.2			BENZO (A) PYRENE, LIQUID FRACTION, ELUTRIATE	UG/L	General Organic
122349	04035		4.0			SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE	UG/L	Pesticide
10028178	04124		20r			TRITIUM, TOTAL, WATER	PC/ML	Radiological
10028178	07000		20000r			TRITIUM, TOTAL	PC/L	Radiological
10028178	07005		20000r			TRITIUM, DISSOLVED	PC/L	Radiological
10028178	07010		20000r			TRITIUM, SUSPENDED	PC/L	Radiological
	09501		5.0			RADIUM 226, TOTAL	PC/L	Radiological
	09503		5.0			RADIUM 226, DISSOLVED	PC/L	Radiological
	09505		5.0			RADIUM 226, SUSPENDED	PC/L	Radiological
	11500		5.0			RADIUM 226 + RADIUM 228, DISSOLVED	PC/L	Radiological
	11501		5.0			RADIUM 228, TOTAL	PC/L	Radiological
	11503		5.0			RADIUM 226 + RADIUM 228, TOTAL	PC/L	Radiological
10098972	13501		8.0r			STRONTIUM 90, TOTAL	PC/L	Radiological
10098972	13503		8.0r			STRONTIUM 90, DISSOLVED	PC/L	Radiological
10098972	13505		8.0r			STRONTIUM 90, SUSPENDED	PC/L	Radiological
7782492	22675	20	50	300		SELENIUM, DISSOLVED ORGANIC	UG/L	Metal
7782492	22676	20	50	300		SELENIUM, HEXAVALENT, DISSOLVED	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7782492	22677	20	50	300		SELENIUM, TETRAVALENT, DISSOLVED	UG/L	Metal
7440382	22678	360	50	69		ARSENIC, DISSOLVED ORGANIC	UG/L	Metal
7440382	22679	850*	50	2319*		ARSENIC, PENTAVALENT,DISSOLVED	UG/L	Metal
7440382	22680	360	50	69		ARSENIC, TRIVALENT, DISSOLVED	UG/L	Metal
7440611	22703		20c			URANIUM, NATURAL DISSOLVED	UG/L	Metal
7440611	22705		20c			URANIUM, NATURAL SUSPENDED	UG/L	Metal
7440611	22706		20c			URANIUM, TOTAL AS U308	UG/L	Metal
7440611	22708		0.020c			URANIUM, NATURAL, TOTAL	MG/L	Radiological
7440611	28011		20c			URANIUM, NATURAL, TOTAL	UG/L	Radiological
88857	30191		7.0			DINOSEB, WATER, WHOLE RECOVERABLE	UG/L	Pesticide
75990	30200		200			DALAPON, WATER, WHOLE RECOVERABLE	UG/L	Pesticide
106934	30203		0.05			ETHANE, 1,2-DIBROMO-, WATER, WHOLE, RECOVERABLE	UG/L	Pesticide
	31501		1.0n		1000b	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	CFU/100ML	Bacteriological
	31503		1.0n		1000b	COLIFORM, TOTAL, MEMBRANE FILTER, DELAY. M-ENDO	CFU/100ML	Bacteriological
	31504		1.0n		1000b	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED. LES-ENDO	CFU/100ML	Bacteriological
	31505		1.0n		1000b	COLIFORM, TOTAL, MPN, CONF. TEST 35C (TUBE 31506)	MPN/100ML	Bacteriological
	31506		1.0n		1000b	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE CONFIG	MPN/100ML	Bacteriological
	31507		1.0n		1000b	COLIFORM, TOTAL, MPN, COMP. TEST 35C (TUBE 31508)	MPN/100ML	Bacteriological
	31508		1.0n		1000b	COLIFORM, TOTAL, MPN, COMP. TEST, TUBE CONFIG	MPN/100ML	Bacteriological
	31613				200^	FECAL COLIFORM, MEMBRANE FILTER, AGAR	CFU/100ML	Bacteriological

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
	31614				200^	FECAL COLIFORM, MPN, TUBE CONFIGURATION	MPN/100ML	Bacteriological
	31615				200^	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	MPN/100ML	Bacteriological
	31616				200^	FECAL COLIFORM, MEMBRANE FILTER, BROTH, 44.5C	CFU/100ML	Bacteriological
	31617				200^	FECAL COLIFORM, MPN, EIJKMAN, 44.5C (TUBE 31618)	MPN/100ML	Bacteriological
	31625				200^	FECAL COLIFORM, MF, M-FC, 0.7 UM	CFU/100ML	Bacteriological
	31648				126^	E. COLI, MTEC, MF	CFU/100ML	Bacteriological
	31649				33^	ENTEROCOCCI, ME, MF	CFU/100ML	Bacteriological
67663	32003	28900*	100[t]			CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	UG/L	General Organic
67663	32005	28900*	100[t]			CARBON CHLOROFORM EXTRACTABLES	UG/L	General Organic
67663	32021	28900*	100[t]			CARBON CHLOROFORM EXTRACTS, ETHER INSOLUBLES OF	UG/L	General Organic
67663	32022	28900*	100[t]			CARBON CHLOROFORM EXTRACTS, WATER SOLUBLES OF	UG/L	General Organic
75274	32101		100[t]			BROMODICHLOROMETHANE, WHOLE WATER	UG/L	General Organic
56235	32102	35200*	5.0	50000*		CARBON TETRACHLORIDE, WHOLE WATER	UG/L	General Organic
107062	32103	118000*	5.0	113000*		1,2-DICHLOROETHANE,WHOLE WATER	UG/L	General Organic
75252	32104		100[t]			BROMOFORM, WHOLE WATER	UG/L	General Organic
124481	32105		100[t]			DIBROMOCHLOROMETHANE, WHOLE WATER	UG/L	General Organic
67663	32106	28900*	100[t]			CHLOROFORM, WHOLE WATER	UG/L	General Organic
56235	32260	35.2*	0.005	50*		CARBON TETRACHLORIDE EXTRACTABLES	MG/L	General Organic
67663	32270	28.9*	0.1[t]			CHLOROFORM EXTRACTABLES TOTAL	MG/L	General Organic
108883	34010	17500*	1000	6300*		TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
1330207	34020		10000			XYLENES IN WTR SMPLE GC-MS, HEXADECONE EXTR.	UG/L	General Organic
83329	34205	1700*		970*		ACENAPHTHENE, TOTAL	UG/L	General Organic
83329	34206	1700*		970*		ACENAPHTHENE, DISSOLVED	UG/L	General Organic
83329	34207	1700*		970*		ACENAPHTHENE, SUSPENDED	UG/L	General Organic
107028	34210	68*		55*		ACROLEIN, TOTAL	UG/L	Pesticide
107028	34211	68*		55*		ACROLEIN, DISSOLVED	UG/L	Pesticide
107028	34212	68*		55*		ACROLEIN, SUSPENDED	UG/L	Pesticide
107131	34215	7550*				ACRYLONITRILE, TOTAL	UG/L	General Organic
107131	34216	7550*				ACRYLONITRILE, DISSOLVED	UG/L	General Organic
107131	34217	7550*				ACRYLONITRILE, SUSPENDED	UG/L	General Organic
71432	34235	5300*	5.0	5100*		BENZENE, DISSOLVED	UG/L	General Organic
71432	34236	5300*	5.0	5100*		BENZENE, SUSPENDED	UG/L	General Organic
92875	34239	2500*				BENZIDINE, DISSOLVED	UG/L	General Organic
92875	34240	2500*				BENZIDINE, SUSPENDED	UG/L	General Organic
58899	34265	2.0	0.2	0.16		R-BHC (LINDANE) GAMMA, DISSOLVED	UG/L	Pesticide
58899	34266	2.0	0.2	0.16		R-BHC (LINDANE) GAMMA, SUSPENDED	UG/L	Pesticide
75252	34288		100[t]			BROMOFORM, DISSOLVED	UG/L	General Organic
75252	34289		100[t]			BROMOFORM, SUSPENDED	UG/L	General Organic
56235	34297	35200*	5.0	50000*		CARBON TETRACHLORIDE, DISSOLVED	UG/L	General Organic
56235	34298	35200*	5.0	50000*		CARBON TETRACHLORIDE, SUSPENDED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
108907	34301		100			CHLOROBENZENE, TOTAL	UG/L	General Organic
108907	34302		100			CHLOROBENZENE, DISSOLVED	UG/L	General Organic
108907	34303		100			CHLOROBENZENE, SUSPENDED	UG/L	General Organic
124481	34306		100[t]			CHLORODIBROMOMETHANE, TOTAL	UG/L	General Organic
124481	34307		100[t]			CHLORODIBROMOMETHANE, DISSOLVED	UG/L	General Organic
124481	34308		100[t]			CHLORODIBROMOMETHANE, SUSPENDED	UG/L	General Organic
67663	34316	28900[*]	100[t]			CHLOROFORM, DISSOLVED	UG/L	General Organic
67663	34317	28900[*]	100[t]			CHLOROFORM, SUSPENDED	UG/L	General Organic
57125	34325	0.022	0.2	0.001		CYANIDE, SUSPENDED	MG/L	General Inorganic
75274	34328		100[t]			DICHLOROBROMOMETHANE, DISSOLVED	UG/L	General Organic
75274	34329		100[t]			DICHLOROBROMOMETHANE, SUSPENDED	UG/L	General Organic
122667	34346	270[*]				1,2-DIPHENYLHYDRAZINE, TOTAL	UG/L	General Organic
122667	34347	270[*]				1,2-DIPHENYLHYDRAZINE, DISSOLVED	UG/L	General Organic
122667	34348	270[*]				1,2-DIPHENYLHYDRAZINE, SUSPENDED	UG/L	General Organic
33213659	34356	0.22		0.034		ENDOSULFAN, BETA, TOTAL	UG/L	Pesticide
33213659	34357	0.22		0.034		ENDOSULFAN, BETA, DISSOLVED	UG/L	Pesticide
33213659	34358	0.22		0.034		ENDOSULFAN, BETA, SUSPENDED	UG/L	Pesticide
959988	34361	0.22		0.034		ENDOSULFAN, ALPHA, TOTAL	UG/L	Pesticide
959988	34362	0.22		0.034		ENDOSULFAN, ALPHA, DISSOLVED	UG/L	Pesticide
959988	34363	0.22		0.034		ENDOSULFAN, ALPHA, SUSPENDED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
100414	34371	32000*	700	430*		ETHYLBENZENE, TOTAL	UG/L	General Organic
100414	34372	32000*	700	430*		ETHYLBENZENE, DISSOLVED	UG/L	General Organic
100414	34373	32000*	700	430*		ETHYLBENZENE, SUSPENDED	UG/L	General Organic
206440	34376	3980*		40*		FLUORANTHENE, TOTAL	UG/L	General Organic
206440	34377	3980*		40*		FLUORANTHENE, DISSOLVED	UG/L	General Organic
206440	34378	3980*		40*		FLUORANTHENE, SUSPENDED	UG/L	General Organic
77474	34386	7.0*	50	7.0*		HEXACHLOROCYCLOPENTADIENE, TOTAL	UG/L	General Organic
77474	34387	7.0*	50	7.0*		HEXACHLOROCYCLOPENTADIENE, DISSOLVED	UG/L	General Organic
77474	34388	7.0*	50	7.0*		HEXACHLOROCYCLOPENTADIENE, SUSPENDED	UG/L	General Organic
87683	34391	90*		32*		HEXACHLOROBUTADIENE, TOTAL	UG/L	General Organic
87683	34392	90*		32*		HEXACHLOROBUTADIENE, DISSOLVED	UG/L	General Organic
87683	34393	90*		32*		HEXACHLOROBUTADIENE, SUSPENDED	UG/L	General Organic
67721	34396	980*		940*		HEXACHLOROETHANE, TOTAL	UG/L	General Organic
67721	34397	980*		940*		HEXACHLOROETHANE, DISSOLVED	UG/L	General Organic
67721	34398	980*		940*		HEXACHLOROETHANE, SUSPENDED	UG/L	General Organic
118741	34401	6.0[p]	1.0			HEXACHLOROBENZENE, DISSOLVED	UG/L	General Organic
118741	34402	6.0[p]	1.0			HEXACHLOROBENZENE, SUSPENDED	UG/L	General Organic
193395	34403		0.40[c]			INDENO (1,2,3-CD) PYRENE, TOTAL	UG/L	General Organic
193395	34404		0.40[c]			INDENO (1,2,3-CD) PYRENE, DISSOLVED	UG/L	General Organic
193395	34405		0.40[c]			INDENO (1,2,3-CD) PYRENE, SUSPENDED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
78591	34408	117000*		12900*		ISOPHORONE, TOTAL	UG/L	Pesticide
78591	34409	117000*		12900*		ISOPHORONE, DISSOLVED	UG/L	Pesticide
78591	34410	117000*		12900*		ISOPHORONE, SUSPENDED	UG/L	Pesticide
75092	34423		5.0			METHYLENE CHLORIDE, TOTAL	UG/L	General Organic
75092	34424		5.0			METHYLENE CHLORIDE, DISSOLVED	UG/L	General Organic
75092	34425		5.0			METHYLENE CHLORIDE, SUSPENDED	UG/L	General Organic
91203	34443	2300*		2350*		NAPHTHALENE, DISSOLVED	UG/L	General Organic
91203	34444	2300*		2350*		NAPHTHALENE, SUSPENDED	UG/L	General Organic
98953	34447	27000*		6680*		NITROBENZENE, TOTAL	UG/L	General Organic
98953	34448	27000*		6680*		NITROBENZENE, DISSOLVED	UG/L	General Organic
98953	34449	27000*		6680*		NITROBENZENE, SUSPENDED	UG/L	General Organic
59507	34452	30*				PARACHLOROMETA CRESOL, TOTAL	UG/L	General Organic
59507	34453	30*				PARACHLOROMETA CRESOL, DISSOLVED	UG/L	General Organic
59507	34454	30*				PARACHLOROMETA CRESOL, SUSPENDED	UG/L	General Organic
87865	34459	20***	1.0	13		PCP (PENTACHLOROPHENOL), DISSOLVED	UG/L	Pesticide
87865	34460	20***	1.0	13		PCP (PENTACHLOROPHENOL), SUSPENDED	UG/L	Pesticide
85018	34461	30p		7.7p		PHENANTHRENE, TOTAL	UG/L	General Organic
85018	34462	30p		7.7p		PHENANTHRENE, DISSOLVED	UG/L	General Organic
85018	34463	30p		7.7p		PHENANTHRENE, SUSPENDED	UG/L	General Organic
108952	34466	10200*		5800*		PHENOL, DISSOLVED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
108952	34467	10200*		5800*		PHENOL, SUSPENDED	UG/L	General Organic
127184	34475	5280*	5.0	10200*		TETRACHLOROETHYLENE, TOTAL	UG/L	General Organic
127184	34476	5280*	5.0	10200*		TETRACHLOROETHYLENE, DISSOLVED	UG/L	General Organic
127184	34477	5280*	5.0	10200*		TETRACHLOROETHYLENE, SUSPENDED	UG/L	General Organic
108883	34481	17500*	1000	6300*		TOLUENE, DISSOLVED	UG/L	General Organic
108883	34482	17500*	1000	6300*		TOLUENE, SUSPENDED	UG/L	General Organic
79016	34485	45000*	5.0	2000*		TRICHLOROETHYLENE, DISSOLVED	UG/L	General Organic
79016	34486	45000*	5.0	2000*		TRICHLOROETHYLENE, SUSPENDED	UG/L	General Organic
75014	34493		2.0			VINYL CHLORIDE, DISSOLVED	UG/L	General Organic
75014	34494		2.0			VINYL CHLORIDE, SUSPENDED	UG/L	General Organic
75354	34501		7.0			1,1-DICHLOROETHYLENE, TOTAL	UG/L	General Organic
75354	34502		7.0			1,1-DICHLOROETHYLENE, DISSOLVED	UG/L	General Organic
75354	34503		7.0			1,1-DICHLOROETHYLENE, SUSPENDED	UG/L	General Organic
71556	34506		200	31200*		1,1,1-TRICHLOROETHANE, TOTAL	UG/L	General Organic
71556	34507		200	31200*		1,1,1-TRICHLOROETHANE, DISSOLVED	UG/L	General Organic
71556	34508		200	31200*		1,1,1-TRICHLOROETHANE, SUSPENDED	UG/L	General Organic
79005	34511		5.0			1,1,2-TRICHLOROETHANE, TOTAL	UG/L	General Organic
79005	34512		5.0			1,1,2-TRICHLOROETHANE, DISSOLVED	UG/L	General Organic
79005	34513		5.0			1,1,2-TRICHLOROETHANE, SUSPENDED	UG/L	General Organic
79345	34516			9020*		1,1,2,2-TETRACHLOROETHANE, TOTAL	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
79345	34517			9020*		1,1,2,2-TETRACHLOROETHANE, DISSOLVED	UG/L	General Organic
79345	34518			9020*		1,1,2,2-TETRACHLOROETHANE, SUSPENDED	UG/L	General Organic
107062	34531	118000*	5.0	113000*		1,2-DICHLOROETHANE, TOTAL	UG/L	General Organic
107062	34532	118000*	5.0	113000*		1,2-DICHLOROETHANE, DISSOLVED	UG/L	General Organic
107062	34533	118000*	5.0	113000*		1,2-DICHLOROETHANE, SUSPENDED	UG/L	General Organic
95501	34536		600			1,2-DICHLOROBENZENE, TOTAL	UG/L	General Organic
95501	34537		600			1,2-DICHLOROBENZENE, DISSOLVED	UG/L	General Organic
95501	34538		600			1,2-DICHLOROBENZENE, SUSPENDED	UG/L	General Organic
78875	34541		5.0			1,2-DICHLOROPROPANE, TOTAL	UG/L	General Organic
78875	34542		5.0			1,2-DICHLOROPROPANE, DISSOLVED	UG/L	General Organic
78875	34543		5.0			1,2-DICHLOROPROPANE, SUSPENDED	UG/L	General Organic
156605	34546		100			TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER	UG/L	General Organic
156605	34547		100			TRANS-1,2-DICHLOROETHENE, DISSOLVED	UG/L	General Organic
156605	34548		100			TRANS-1,2-DICHLOROETHENE, SUSPENDED	UG/L	General Organic
120821	34551		70			1,2,4-TRICHLOROBENZENE, TOTAL	UG/L	General Organic
120821	34552		70			1,2,4-TRICHLOROBENZENE, DISSOLVED	UG/L	General Organic
120821	34553		70			1,2,4-TRICHLOROBENZENE, SUSPENDED	UG/L	General Organic
541731	34566		600			1,3-DICHLOROBENZENE, TOTAL	UG/L	General Organic
541731	34567		600			1,3-DICHLOROBENZENE, DISSOLVED	UG/L	General Organic
541731	34568		600			1,3-DICHLOROBENZENE, SUSPENDED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
106467	34571		75			1,4-DICHLOROBENZENE, TOTAL	UG/L	General Organic
106467	34572		75			1,4-DICHLOROBENZENE, DISSOLVED	UG/L	General Organic
106467	34573		75			1,4-DICHLOROBENZENE, SUSPENDED	UG/L	General Organic
95578	34586	4380*				2-CHLOROPHENOL, TOTAL	UG/L	General Organic
95578	34587	4380*				2-CHLOROPHENOL, DISSOLVED	UG/L	General Organic
95578	34588	4380*				2-CHLOROPHENOL, SUSPENDED	UG/L	General Organic
120832	34601	2020*				2,4-DICHLOROPHENOL, TOTAL	UG/L	General Organic
120832	34602	2020*				2,4-DICHLOROPHENOL, DISSOLVED	UG/L	General Organic
120832	34603	2020*				2,4-DICHLOROPHENOL, SUSPENDED	UG/L	General Organic
105679	34606	2120*				2,4-DIMETHYLPHENOL, TOTAL	UG/L	General Organic
105679	34607	2120*				2,4-DIMETHYLPHENOL, DISSOLVED	UG/L	General Organic
105679	34608	2120*				2,4-DIMETHYLPHENOL, SUSPENDED	UG/L	General Organic
121142	34611	330*		590*		2,4-DINITROTOLUENE, TOTAL	UG/L	General Organic
121142	34612	330*		590*		2,4-DINITROTOLUENE, DISSOLVED	UG/L	General Organic
121142	34613	330*		590*		2,4-DINITROTOLUENE, SUSPENDED	UG/L	General Organic
72548	34651	0.6*		3.6*		P,P'-DDD, DISSOLVED	UG/L	Pesticide
72548	34652	0.6*		3.6*		P,P'-DDD, SUSPENDED	UG/L	Pesticide
72559	34653	1050*		14*		P,P'-DDE, DISSOLVED	UG/L	Pesticide
72559	34654	1050*		14*		P,P'-DDE, SUSPENDED	UG/L	Pesticide
50293	34655	1.1		0.13		P,P'-DDT, DISSOLVED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
50293	34656	1.1		0.13		P,P'-DDT, SUSPENDED	UG/L	Pesticide
1746016	34675	0.01*	0.00003			2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN(TCDD), TOT	UG/L	General Organic
1746016	34676	0.01*	0.00003			2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN(TCDD), DISS	UG/L	General Organic
1746016	34677	0.01*	0.00003			2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN(TCDD), SUSP	UG/L	General Organic
108952	34694	10200*		5800*		PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	UG/L	General Organic
91203	34696	2300*		2350*		NAPHTHALENE, TOTAL	UG/L	General Organic
75990	38432		200			DALAPON, WATER, TOTAL	UG/L	Pesticide
75990	38433		200			DALAPON, WATER, DISSOLVED	UG/L	Pesticide
75990	38434		200			DALAPON, WATER, SUSPENDED	UG/L	Pesticide
96128	38437		0.2			DIBROMOCHLOROPROPANE, WATER, TOTAL	UG/L	Pesticide
96128	38438		0.2			DIBROMOCHLOROPROPANE, WATER, DISSOLVED	UG/L	Pesticide
96128	38439		0.2			DIBROMOCHLOROPROPANE WATER, SUSPENDED	UG/L	Pesticide
96128	38760		0.2			DBCP, WATER, TOTAL	UG/L	Pesticide
96128	38761		0.2			DBCP, WATER, DISSOLVED	UG/L	Pesticide
96128	38762		0.2			DBCP, WATER, SUSPENDED	UG/L	Pesticide
88857	38779		7.0			DINOSEB, DISSOLVED	UG/L	Pesticide
88857	38780		7.0			DINOSEB, SUSPENDED	UG/L	Pesticide
23135220	38865		200			OXAMYL, TOTAL	UG/L	Pesticide
23135220	38866		200			OXAMYL, DISSOLVED	UG/L	Pesticide
23135220	38867		200			OXAMYL, SUSPENDED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
145733	38926		100			ENDOTHALL, WHOLE WATER SAMPLE	UG/L	Pesticide
2921882	38932	0.083		0.011		CHLORPYRIFOS, TOTAL RECOVERABLE	UG/L	Pesticide
2921882	38933	0.083		0.011		CHLORPYRIFOS, DISSOLVED	UG/L	Pesticide
2163806	38935		50			MONOSODIUM METHANEARSONATE (MSMA)	UG/L	Pesticide
2921882	39012	0.083		0.011		DURSBAN, FLAME PHOTOMETRIC, WATER SAMPLE	UG/L	Pesticide
56382	39015	0.065				ETHYLPARATHION, FLAME IONIFATION, WATER SAMPLE	UG/L	Pesticide
122349	39025		4.0			SIMAZINE, COULSON CONDUCTIVITY WATER SAMPLE	UG/L	Pesticide
87865	39032	20***	1.0	13		PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE	UG/L	Pesticide
1912249	39033		3.0			ATRAZINE IN WHOLE WATER SAMPLE	UG/L	Pesticide
118741	39039	6.0[p]	1.0			HEXACHLOROBENZENE WATER SAMPLE, ELECTRON CPT	UG/L	Pesticide
93721	39045		50			2,4,5-TP INCLUDES ACIDS & SALTS WATER SAMPLE	UG/L	Pesticide
116063	39053		3.0			ALDICARB IN WHOLE WATER	UG/L	Pesticide
122349	39055		4.0			SIMAZINE IN WHOLE WATER	UG/L	Pesticide
117817	39100	2000*	6.0			BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	UG/L	General Organic
117817	39103	2000*	6.0			BIS(2-ETHYLHEXYL) PHTHALATE, DISSOLVED	UG/L	General Organic
117817	39104	2000*	6.0			BIS(2-ETHYLHEXYL) PHTHALATE, SUSPENDED	UG/L	General Organic
	39117	0.94*		2.994*		PHTHLATE ESTERS IN WATER	MG/L	General Organic
75014	39175		2.0			VINYL CHLORIDE-WHOLE WATER SAMPLE	UG/L	General Organic
79016	39180	45000*	5.0	2000*		TRICHLOROETHYLENE-WHOLE WATER SAMPLE	UG/L	General Organic
50293	39300	1.1		0.13		P,P' DDT IN WHOLE WATER SAMPLE	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
72548	39310	0.6*		3.6*		P,P' DDD IN WHOLE WATER SAMPLE	UG/L	Pesticide
72559	39320	1050*		14*		P,P' DDE IN WHOLE WATER SAMPLE	UG/L	Pesticide
309002	39330	3.0		1.3		ALDRIN IN WHOLE WATER SAMPLE	UG/L	Pesticide
309002	39331	3.0		1.3		ALDRIN IN FILT. FRAC. OF WAT. SAMP.	UG/L	Pesticide
309002	39332	3.0		1.3		ALDRIN IN SUSP. FRAC. OF WAT. SAMP.	UG/L	Pesticide
58899	39340	2.0	0.2	0.16		GAMMA-BHC(LINDANE), WHOLE WATER	UG/L	Pesticide
58899	39341	2.0	0.2	0.16		GAMMA-BHC(LINDANE), DISSOLVED	UG/L	Pesticide
58899	39342	2.0	0.2	0.16		GAMMA-BHC(LINDANE), SUSPENDED	UG/L	Pesticide
57749	39350	2.4	2.0	0.09		CHLORDANE(TECH MIX & METABS), WHOLE WATER	UG/L	Pesticide
57749	39352	2.4	2.0	0.09		CHLORDANE(TECH MIX & METABS), DISSOLVED	UG/L	Pesticide
57749	39353	2.4	2.0	0.09		CHLORDANE(TECH MIX & METABS), SUSPENDED	UG/L	Pesticide
72548	39360	0.6*		3.6*		DDD IN WHOLE WATER SAMPLE	UG/L	Pesticide
72548	39361	0.6*		3.6*		DDD IN FILT. FRAC. OF WATER SMAPLE	UG/L	Pesticide
72548	39362	0.6*		3.6*		DDD IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
72559	39365	1050*		14*		DDE IN WHOLE WATER SAMPLE	UG/L	Pesticide
72559	39366	1050*		14*		DDE IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
72559	39367	1050*		14*		DDE IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
50293	39370	1.1		0.13		DDT IN WHOLE WATER SAMPLE	UG/L	Pesticide
50293	39371	1.1		0.13		DDT IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
50293	39372	1.1		0.13		DDT IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
60571	39380	2.5		0.71		DIELDRIN IN WHOLE WATER SAMPLE	UG/L	Pesticide
60571	39381	2.5		0.71		DIELDRIN IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
60571	39382	2.5		0.71		DIELDRIN IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
115297	39388	0.22		0.034		ENDOSULFAN IN WHOLE WATER SAMPLE	UG/L	Pesticide
72208	39390	0.18	2.0	0.037		ENDRIN IN WHOLE WATER SAMPLE	UG/L	Pesticide
72208	39391	0.18	2.0	0.037		ENDRIN IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
72208	39392	0.18	2.0	0.037		ENDRIN IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
8001352	39400	0.73	3.0	0.21		TOXAPHENE IN WHOLE WATER SAMPLE	UG/L	Pesticide
8001352	39401	0.73	3.0	0.21		TOXAPHENE IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
8001352	39402	0.73	3.0	0.21		TOXAPHENE IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
76448	39410	0.52	0.4	0.053		HEPTACHLOR IN WHOLE WATER SAMPLE	UG/L	Pesticide
76448	39411	0.52	0.4	0.053		HEPTACHLOR IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
76448	39412	0.52	0.4	0.053		HEPTACHLOR IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
1024573	39420	0.52	0.2	0.053		HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	UG/L	Pesticide
1024573	39421	0.52	0.2	0.053		HEPTACHLOR EPOXIDE IN FILT. FRAC. WATER SAMPLE	UG/L	Pesticide
1024573	39422	0.52	0.2	0.053		HEPTACHLOR EPOXIDE IN SUSP. FRAC. WATER SAMPLE	UG/L	Pesticide
72435	39478		40			METHOXYCHLOR IN WHOLE WATER DISSOLVED	UG/L	Pesticide
72435	39479		40			METHOXYCHLOR IN WHOLE WATER SUSPENDED	UG/L	Pesticide
72435	39480		40			METHOXYCHLOR IN WHOLE WATER SAMPLE	UG/L	Pesticide
56382	39540	0.065				PARATHION IN WHOLE WATER SAMPLE	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
56382	39542	0.065				PARATHION IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
56382	39543	0.065				PARATHION IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
1912249	39630		3.0			ATRAZINE(AATREX) IN WHOLE WATER SAMPLE	UG/L	Pesticide
1912249	39632		3.0			ATRAZINE DISSOLVED IN WATER	PPB	Pesticide
118741	39700	6.0[p]	1.0			HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	UG/L	General Organic
87683	39702	90[*]		32[*]		HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE	UG/L	General Organic
1918021	39720		500			PICLORAM IN WHOLE WATER SAMPLE	UG/L	Pesticide
94757	39730		70			2,4-D IN WHOLE WATER SAMPLE	UG/L	Pesticide
94757	39732		70			2,4-D IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
94757	39733		70			2,4-D IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
93721	39760		50			SILVEX IN WHOLE WATER SAMPLE	UG/L	Pesticide
93721	39762		50			SILVEX IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
93721	39763		50			SILVEX IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
58899	39782	2.0	0.2	0.16		LINDANE IN WHOLE WATER SAMPLE	UG/L	Pesticide
1071836	39941		700			ROUNDUP IN WHOLE WATER SAMPLE (GLYPHOSATE)	UG/L	Pesticide
7782505	45650	0.019		0.013		CHLORINE, IN ORGANIC COMPOUNDS, WATER, WHOLE	MG/L	General Inorganic
56382	46315	0.065				ETHYL PARATHION IN WHOLE WATER SAMPLE	UG/L	Pesticide
58899	46322	2.0	0.2	0.16		LINDANE PLUS ISOMERS IN WHOLE WATER SAMPLE	UG/L	Pesticide
76448	46326	0.52	0.4	0.053		HEPTACHLOR AND METABOLITES IN WHOLE H2O SAMPLE	UG/L	Pesticide
15972608	46342		2.0			ALACHLOR (LASSO), WATER, DISSOLVED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7782505	46472	0.019		0.013		CHLORINE, TOTAL RESIDUAL, AVERAGE VALUE, WATER	MG/L	General Inorganic
7782505	46473	0.019		0.013		CHLORINE, FREE AVAILABLE, AVERAGE VALUE, WATER	MG/L	General Inorganic
57125	46479	22	200	1.0		CYANIDE, DISSOLVED, WATER	UG/L	General Inorganic
7440382	46551	360	50	69		ARSENIC, FIELD ACIDIFIED W/HNO3, LAB FILTERED	UG/L	Metal
7440393	46558		2000			BARIUM, FIELD ACIDIFIED W/HNO3-LAB FILT	UG/L	Metal
7440439	46559	3.9[+]	5.0	43		CADMIUM,FIELD ACIDIFIED-HNO3-LAB FILTER	UG/L	Metal
7440473	46560		100			CHROMIUM, FIELD ACIDIFIED-HNO3-LAB FILT.	UG/L	Metal
7440508	46562	18[+]	1300[a]	2.9		COPPER, FIELD ACIDIFIED-HNO3- LAB FILTER.	UG/L	Metal
7439921	46564	82[+]	15[a]	220		LEAD, FIELD ACIDIFIED-HNO3-LAB FILTERED	UG/L	Metal
7440224	46566	4.1[+]	100[s]	0.12		SILVER, FIELD ACIDIFIED-HNO3-LAB FILTER.	UG/L	Metal
7440666	46567	120[+]	5000[s]	95		ZINC, EXTRACTABLE, FIELD ACID W/HNO3,LAB FILTR	UG/L	Metal
56382	49011	0.065				UNKNOWNS AS PARATHION IN WHOLE WATER SAMPLE	UG/L	Pesticide
7782505	50058	0.019		0.013		CHLORINE DOSE	MG/L	General Inorganic
7782505	50060	0.019		0.013		CHLORINE, TOTAL RESIDUAL	MG/L	General Inorganic
7782505	50064	0.019		0.013		CHLORINE, FREE AVAILABLE	MG/L	General Inorganic
7782505	50066	0.019		0.013		CHLORINE, COMBINED AVAILABLE	MG/L	General Inorganic
7782505	50074	0.019		0.013		CHLORITE, WHOLE WATER	MG/L	General Inorganic
	61215				200[^]	FECAL COLIFORM, GENERAL #/100ML	#/100ML	Bacteriological
16887006	70352	860	250[s]			CHLORIDE, ORGANIC	MG/L	General Organic
14797558	71850		44			NITRATE NITROGEN, TOTAL (AS NO3)	MG/L	Nitrogen

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
14797558	71851		44			NITRATE NITROGEN, DISSOLVED (AS NO3)	MG/L	Nitrogen
14797650	71855		3.3			NITRITE NITROGEN, TOTAL (AS NO2)	MG/L	Nitrogen
14797650	71856		3.3			NITRITE NITROGEN, DISSOLVED (AS NO2)	MG/L	Nitrogen
7439976	71890	2.4	2.0	2.1		MERCURY, DISSOLVED	UG/L	Metal
7439976	71895	2.4	2.0	2.1		MERCURY, SUSPENDED	UG/L	Metal
7439976	71900	2.4	2.0	2.1		MERCURY, TOTAL	UG/L	Metal
7439976	71901	2.4	2.0	2.1		MERCURY,TOTAL RECOVERABLE IN WATER AS HG	UG/L	Metal
7440439	71946	3.9[+]	5.0	43		CADMIUM, EXTRACTABLE	UG/L	Metal
7440473	71947		100			CHROMIUM, EXTRACTABLE	UG/L	Metal
7439921	71949	82[+]	15[a]	220		LEAD, EXTRACTABLE	UG/L	Metal
7440666	71950	120[+]	5000[s]	95		ZINC, EXTRACTABLE	UG/L	Metal
7440508	71951	18[+]	1300[a]	2.9		COPPER, EXTRACTABLE	UG/L	Metal
1336363	76011	2000	500	10000		PCBS, SUSPENDED, WATER	NG/L	General Organic
1336363	76012	2000	500	10000		PCBS, TOTAL RECOVERABLE, WATER	NG/L	General Organic
156592	77093		70			CIS-1,2-DICHLOROETHYLENE, WHOLE WATER	UG/L	General Organic
100425	77128		100			STYRENE, WHOLE WATER	UG/L	General Organic
106489	77296			29700[*]		P-CHLOROPHENOL, WHOLE WATER	UG/L	General Organic
106934	77651		0.05			1,2-DIBROMOETHANE, WHOLE WATER	UG/L	General Organic
95954	77687	100[p]		240[p]		2,4,5-TRICHLOROPHENOL, WHOLE WATER	UG/L	General Organic
935955	77769			440[*]		2,3,5,6-TETRACHLOROPHENOL, WHOLE WATER	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
103231	77903		400			BIS (2-ETHYLHEXYL) ADIPATE, WHOLE WATER	UG/L	General Organic
18540299	78247	16	100	1100		CHROMIUM, HEXAVALENT, TOTAL RECOVERABLE	UG/L	Metal
57125	78248	22	200	1.0		CYANIDE, TOTAL RECOVERABLE, WATER, WHOLE	UG/L	Metal
	78456	11*		12*		HALOMETHANES, SUMMATION, WHOLE WATER	MG/L	General Organic
14808798	78462		250s			SULFATE, WATER, DISSOLVED AS S	MG/L	Metal
85007	78885		20			DIQUAT DIBROMIDE (REGLONE) WHOLE WATER SAMPLE	UG/L	Pesticide
7440611	80020		20c			URANIUM, DISS. BY EXTRACTION FLUOROMETRIC	UG/L	Radiological
16065831	80357	1700	100	10300*		CHROMIUM, TRIVALENT, DISSOLVED	UG/L	Metal
57125	81208	0.022	0.2	0.001		CYANIDE,FREE (NOT AMENABLE TO CHLORINATION)	MG/L	General Inorganic
608731	81283	100*		0.34*		BENZENEHEXACHLORIDE, WHOLE WATER	UG/L	Pesticide
88857	81287		7.0			DNBP(C10H12N2O5), WHOLE WATER SAMPLE	UG/L	Pesticide
26638197	81327	23000*	5.0	10300*		DICHLOROPROPANE, WHOLE WATER SAMPLE	UG/L	General Organic
25321226	81333	1120*		1970*		DICHLOROBENZENE ISOMER, WHOLE WATER SAMPLE	UG/L	General Organic
2921882	81403	0.083		0.011		DURSBAN (CHLOROPYRIFOS) WHOLE WATER SAMPLE	UG/L	Pesticide
1563662	81405		40			CARBOFURAN (EURADAN) WHOLE WATER SAMPLE	UG/L	Pesticide
76017	81501	7240*		390*		PENTACHLOROETHANE, WHOLE WATER SAMPLE	UG/L	General Organic
25321226	81524	1120*		1970*		DICHLOROBENZENE, WHOLE WATER SAMPLE	UG/L	General Organic
25322207	81549	9320*				TETRACHLOROETHANE, WHOLE WATER SAMPLE	UG/L	General Organic
26638197	81703	23*	0.005*	10.3*		DICHLOROPROPANE, WHOLE WATER SAMPLE	MG/L	General Organic
7440508	81750	18+	1300a	2.9		COPPER, INTERSTITIAL WATERFROM SEDIMENTS	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440020	81752	1400[+]	100	75		NICKEL, INTERSTITIAL WATER FROM SEDIMENTS	UG/L	Metal
7440666	81754	120[+]	5000[s]	95		ZINC, INTERSTITIAL WATER FROM SEDIMENTS	UG/L	Metal
25323891	81853	18000[*]				TRICHLOROETHANE, WHOLE WATER SAMPLE	UG/L	General Organic
7439976	81931	2.4	2.0	2.1		MERCURY (HG) SUSPENDED FRACTION OF WATER	UG/G	Metal
7440666	81933	120[+]	5000[s]	95		ZINC (ZN) SUSPENDED FRACTION OF WATER	UG/G	Metal
7439921	81936	82[+]	15[a]	220		LEAD (PB) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440439	81937	3.9[+]	5.0	43		CADMIUM (CD) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440473	81938		100			CHROMIUM (CR) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440508	81939	18[+]	1300[a]	2.9		COPPER (CU) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440666	81940	120[+]	5000[s]	95		ZINC (ZN) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440473	81941		100			CHROMIUM (CR) DISSOLVED ANIONIC SPECIES	UG/L	Metal
7440508	81942	18[+]	1300[a]	2.9		COPPER (CU) DISSOLVED ANIONIC SPECIES	UG/L	Metal
7440666	81943	120[+]	5000[s]	95		ZINC (ZN) DISSOLVED ANIONIC SPECIES	UG/L	Metal
	82078				50[l]	TURBIDITY, FIELD	NTU	Physical
	82079				50[l]	TURBIDITY, LAB	NTU	Physical
88857	82226		7.0			2 SECONDARY BUTYL 4,6-DINITROPHENOL	UG/L	Pesticide
16887006	82295	860000	250000[s]			CHLORIDE DISSOLVED AS CL IN WATER	UG/L	General Inorganic
72435	82350		40			METHOXYCHLOR, DISSOLVED IN WATER	UG/L	Pesticide
72435	82351		40			METHOXYCHLOR, SUSPENDED IN WATER	UG/L	Pesticide
115297	82354	0.22		0.034		ENDOSULFAN, DISSOLVED IN WATER	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
115297	82355	0.22		0.034		ENDOSULFAN, SUSPENDED IN WATER	UG/L	Pesticide
57125	82573	0.022	0.2	0.001		CYANIDE/CHLORINATION IN WATER	MG/L	General Inorganic
1646873	82586		4.0			ALDICARB SULFOXIDE, WATER, TOTAL RECOVERABLE	UG/L	General Organic
1646884	82587		2.0			ALDICARB SULFONE, WHOLE WATER, TOTAL RECOVERABLE	UG/L	General Organic
23135220	82613		200			OXAMYL, WHOLE WATER, TOTAL RECOVERABLE	UG/L	Pesticide
1563662	82615		40			CARBOFURAN, WHOLE WATER, TOTAL RECOVERABLE	UG/L	Pesticide
116063	82619		3.0			ALDICARB, WHOLE WATER, TOTAL RECOVERABLE	UG/L	Pesticide
33213659	82624	0.22		0.034		ENDOSULFAN, BETA, WH WATER, TOTAL RECOVERABLE	UG/L	Pesticide
96128	82625		0.2			DIBROMOCHLOROPROPANE, WATER, TOTAL RECOVERABLE	UG/L	Pesticide
7440382	82702	360	50	69		ARSENIC, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7440393	82703		2			BARIUM, FIELD ACIDIFIED, DECANTED, WATER	MG/L	Metal
7440417	82704	130*	4.0			BERYLLIUM, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7440439	82705	3.9+	5.0	43		CADMIUM, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7440473	82706		100			CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7440508	82708	18+	1300[a]	2.9		COPPER, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7439921	82711	82+	15[a]	220		LEAD, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7439976	82713	2.4	2.0	2.1		MERCURY, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7440020	82715	1400+	100	75		NICKEL, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7440224	82716	4.1+	100[s]	0.12		SILVER, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7440666	82719	120+	5000[s]	95		ZINC, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal

Footnote Key:

*Insufficient Data to Develop Criteria. Value Presented is the L.O.E.L. - Lowest Observed Effect Level.

+Hardness Dependent Criteria (100 mg/L $CaCO_3$ Used).

***pH Dependent Criteria (7.8 pH Used).

=Rule of thumb criterion used by the NPS Air Quality Division for determining sensitivity to acid deposition.

^Freshwater bathing criterion, EPA geometric mean based on at least 5 samples equally spaced over a 30-day period; Enterococci marine water bathing criterion 35 CFU/100 ml.

#EPA freshwater aquatic life chronic criterion; marine criterion is ≤6.5, ≥8.5.

!Arizona state standard.

[a]EPA action level, 40 CFR 141.80.

[b]California and Florida state bathing water standards.

[c]A Compilation of Water Quality Goals, California Regional Water Quality Control Board Central Valley Region, Sacramento, California, September, 1991.

[n]Total coliform drinking water maximum contaminant level (1 cfu/100ml or 1 mpn/100ml) was not used in water quality criteria comparisons.

[p]Proposed Criterion.

[r]Average annual concentration assumed to produce a total body or organ dose of 4 mrem/year, 40 CFR 141.16.

[s]EPA National Secondary Drinking Water Regulation, 40 CFR 143.

[t]The maximum contaminant level for the sum of the concentrations of trihalomethanes is 100 µg/L, 40 CFR 141.12.

[u]Coldwater criterion one day minimum; warmwater criterion seven day mean minimum.

Appendix G

Inventory Data Evaluation and Analysis (IDEA)
Servicewide Inventory and Monitoring Program "Level I"
Parameter Groups

The following table provides the Servicewide Inventory and Monitoring Program's "Level I" water quality inventory parameter groups (National Park Service 1993). In order to determine the presence and/or absence of data for each of these parameter groups in the park, the parameter groups had to be defined by STORET parameter codes. This table provides the STORET codes and parameter descriptions for each parameter comprising one of the Servicewide Inventory and Monitoring Program's "Level I" water quality parameter groups. Additional parameters could have been incorporated into each group, but an effort was made to represent each group with the parameters deemed to most likely occur in STORET and parks. The Toxic Elements Parameter Group was defined as the EPA's Clean Water Act Section 304(a) Priority Toxic Pollutants (40 CFR 131.36). Parameters are listed in ascending order of STORET code within each parameter group. It is important to note that similar parameters often have non-consecutive codes. Consequently, scanning the entire list is necessary to find all the parameters of a particular type (eg. lead, copper, etc.). Refer to the Parameter Period of Record Tabulation to obtain the STORET code for any parameter measured in the park.

STORET Code	Water Temperature Parameter Group	C.A.S. Number
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	-
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	-
STORET Code	**Flow Parameter Group[1]**	**C.A.S. Number**
00056	FLOW RATE, GALLONS/DAY	-
00058	FLOW RATE, GALLONS/MIN.	-
00059	FLOW RATE, INSTANTANEOUS, GALLONS/MINUTE	-
00060	FLOW, STREAM, MEAN DAILY CFS	-
00061	FLOW, STREAM, INSTANTANEOUS CFS	-
00065	STAGE, STREAM (FEET)	-
00067	TIDE STAGE CODE	-
00072	STAGE, STREAM (METERS)	-

[1]Tide stage is included in the Flow Parameter Group for coastal parks.

STORET Code	Clarity/Turbidity Parameter Group	C.A.S. Number
00070	TURBIDITY, (JACKSON CANDLE UNITS)	-
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	-
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	-
00077	TRANSPARENCY, SECCHI DISC (INCHES)	-
00078	TRANSPARENCY, SECCHI DISC (METERS)	-
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	-
82078	TURBIDITY, FIELD NEPHELOMETRIC TURBIDITY UNITS NTU	-
82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	-
STORET Code	**Conductivity Parameter Group**	**C.A.S. Number**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	-
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	-
00096	SALINITY AT 25 DEGREES C (MG/ML)	-
00480	SALINITY - PARTS PER THOUSAND	-
STORET Code	**Dissolved Oxygen Parameter Group**	**C.A.S. Number**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE (MG/L)	7782447
00300	OXYGEN, DISSOLVED (MG/L)	7782447
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION	7782447
00389	OXYGEN, DISSOLVED, LAB ANAL. BY PROBE OF FIELD SAMPLE (MG/L)	7782447
STORET Code	**pH Parameter Group**	**C.A.S. Number**
00400	PH (STANDARD UNITS)	-
00403	PH, LAB (STANDARD UNITS)	-
00406	PH, FIELD (STANDARD UNITS)	-

STORET Code	Alkalinity Parameter Group	C.A.S. Number
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYSIS (µEQ/L)	471341
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	471341
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	77098
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	471341
00435	ACIDITY, TOTAL (MG/L AS CACO3)	471341
00440	BICARBONATE ION (MG/L AS HCO3)	71523
00445	CARBONATE ION (MG/L AS CO3)	3812326

STORET Code	Nitrate/Nitrogen Parameter Group	C.A.S. Number
00600	NITROGEN, TOTAL (MG/L AS N)	17778880
00602	NITROGEN, DISSOLVED (MG/L AS N)	17778880
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	17778880
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	17778880
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	17778880
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	17778880
00612	AMMONIA, UNIONZED (MG/L AS N)	7664417
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	17778880
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	17778880
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	17778880
00625	NITROGEN, KJELDAHL, TOTAL (MG/L AS N)	17778880
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	17778880
00631	NITRITE PLUS NITRATE, DISSOLVED 1 DET. (MG/L AS N)	17778880
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	14798039
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	14798039
71850	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	14797558
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	14797558
71855	NITRITE NITROGEN, TOTAL (MG/L AS NO2)	14797650
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	14797650

STORET Code	Phosphate/Phosphorus Parameter Group	C.A.S. Number
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	14265442
00655	PHOSPHATE, POLY (MG/L AS PO4)	14265442
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	14265442
00665	PHOSPHORUS, TOTAL (MG/L AS P)	7723140
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	7723140
00670	PHOSPHORUS, TOTAL ORGANIC (MG/L AS P)	7723140
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	7723140
70505	PHOSPHORUS, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	7723140
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	7723140

STORET Code	Sulfates/Total Dissolved Solids/Hardness Parameter Group	C.A.S. Number
00900	HARDNESS, TOTAL (MG/L AS CACO3)	471341
00945	SULFATE, TOTAL (MG/L AS SO4)	14808798
00946	SULFATE, DISSOLVED (MG/L AS SO4)	14808798
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), (MG/L)	-

STORET Code	Chlorophyll Parameter Group	C.A.S. Number
32209	CHLOROPHYLL A (UG/L) FLUOROMETRIC CORRECTED	479618
32210	CHLOROPHYLL A (UG/L) TRICHROMATIC UNCORRECTED	479618
32211	CHLOROPHYLL A (UG/L) SPECTROPHOTOMETRIC ACID METH.	479618
32217	CHLOROPHYLL A (UG/L) FLUOROMETRIC UNCORRECTED	479618
32223	CHLOROPHYLL A (MG/M2) SPECTROPHOTOMETRIC CORRECTED	479618
32228	CHLOROPHYLL A (MG/M2) PERIPHYTON SPECTRO.	479618
32229	CHLOROPHYLL A (MG/M2) FLUOR. CORRECTED, SUBSTRATER	479618
32230	CHLOROPHYLL A (MG/L)	479618

STORET Code	Bacteria Parameter Group	C.A.S. Number
00111	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI	-
31501	COLIFORM, TOT, MEMBRANE FILTER, IMMED., M-ENDO MED,35C	-
31503	COLIFORM, TOT, MEMBRANE FILTER, DELAY, M-ENDO MED, 35C	-
31504	COLIFORM, TOT, MEMBRANE FILTER, IMMED., LES-ENDO AGAR, 35C	-
31505	COLIFORM, TOT, MPN, CONFIRMED TEST,35C(TUBE 31506)	-
31506	COLIFORM, TOT, MPN, CONFIRMED TEST, TUBE CONFIG.	-
31507	COLIFORM, TOT, MPN, COMPLETED TEST,35C(TUBE 31508)	-
31508	COLIFORM, TOT, MPN, COMPLETED TEST, TUBE CONFIG.	-
31613	FECAL COLIFORM, MEMBR, FILTER,M-FC AGAR,44.5C,24HR	-
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	-
31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	-
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5C	-
31617	FECAL COLIFORM, MPN,EIJKMAN TEST,44.5C(TUBE 31618)	-
31625	FECAL COLIFORM, MF, M-FC, 0.7 UM	-
31648	E. COLI - MTEC-MF	-
31649	ENTEROCOCCI- ME-MF	-
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	-
31676	FECAL STREPTOCOCCI, MPN, KF BROTH, TUBE CONFIG.	-
31677	FECAL STREPTOCOCCI, MPN, AD-EVA, 35C (TUBE 31678)	-
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	-
61214	FECAL STREPTOCOCCI, GENERAL #/100ML	-
61215	FECAL COLIFORM, GENERAL #/100ML	-

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants)	C.A.S. Number
00718	CYANIDE, WEAK ACID, DISSOC. WATER, WHOLE (UG/L)	57125
00719	CYANIDE, FREE, IN WATER & WASTEWATERS, HBG (UG/L)	57125
00720	CYANIDE, TOTAL (MG/L AS CN)	57125
00722	CYANIDE, FREE (AMENABLE TO CHLORINATION) (MG/L)	57125

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
00723	CYANIDE, DISSOLVED STD METHOD (UG/L)	57125
00724	CYANIDE COMPLEXED TO A RANGE OF COMPNDS (UG/L)	57125
00969	CHRYSOTILE ASBESTOS FIBERS/LITER	1332214
00973	AMPHIBOLE ASBESTOS FIBERS/LITER	1332214
00976	AMBIGUOUS ASBESTOS FIBERS/LITER	1332214
00977	NON-AMPHIBOLE NON-CHRYSOTILE ASBESTOS FIBERS/LITER	1332214
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS AS	7440382
00981	SELENIUM, TOTAL RECOVERABLE IN WATER AS SE (UG/L)	7782492
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS (UG/L)	7440280
00990	SELENITE, TOTAL RECOVERABLE INORGANIC (UG/L)	7782492
00991	ARSENIC, TOTAL RECOVER. TRIVALENT INORGANIC (UG/L)	7440382
00995	ARSENIC, INORGANIC DISSOLVED (UG/L AS AS)	7440382
00996	ARSENIC, INORGANIC SUSPENDED (UG/L AS AS)	7440382
00997	ARSENIC, INORGANIC TOTAL (UG/L AS AS)	7440382
00998	BERYLLIUM, TOTAL RECOVERABLE IN WATER AS BE (UG/L)	7440417
01000	ARSENIC, DISSOLVED (UG/L AS AS)	7440382
01001	ARSENIC, SUSPENDED (UG/L AS AS)	7440382
01002	ARSENIC, TOTAL (UG/L AS AS)	7440382
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	7440417
01011	BERYLLIUM, SUSPENDED (UG/L AS BE)	7440417
01012	BERYLLIUM, TOTAL (UG/L AS BE)	7440417
01025	CADMIUM, DISSOLVED (UG/L AS CD)	7440439
01026	CADMIUM, SUSPENDED (UG/L AS CD)	7440439
01027	CADMIUM, TOTAL (UG/L AS CD)	7440439
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	7440473
01031	CHROMIUM, SUSPENDED (UG/L AS CR)	7440473
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	7440473
01033	CHROMIUM, TRI-VAL (UG/L AS CR)	16065831
01034	CHROMIUM, TOTAL (UG/L AS CR)	7440473

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
01040	COPPER, DISSOLVED (UG/L AS CU)	7440508
01041	COPPER, SUSPENDED (UG/L AS CU)	7440508
01042	COPPER, TOTAL (UG/L AS CU)	7440508
01049	LEAD, DISSOLVED (UG/L AS PB)	7439921
01050	LEAD, SUSPENDED (UG/L AS PB)	7439921
01051	LEAD, TOTAL (UG/L AS PB)	7439921
01057	THALLIUM, DISSOLVED (UG/L AS TL)	7440280
01058	THALLIUM, SUSPENDED (UG/L AS TL)	7440280
01059	THALLIUM, TOTAL (UG/L AS TL)	7440280
01065	NICKEL, DISSOLVED (UG/L AS NI)	7440020
01066	NICKEL, SUSPENDED (UG/L AS NI)	7440020
01067	NICKEL, TOTAL (UG/L AS NI)	7440020
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI (UG/L)	7440020
01075	SILVER, DISSOLVED (UG/L AS AG)	7440224
01076	SILVER, SUSPENDED (UG/L AS AG)	7440224
01077	SILVER, TOTAL (UG/L AS AG)	7440224
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG (UG/L)	7440224
01089	COPPER AS SUSPENDED BLACK OXIDE IN WATER (MG/L)	7440508
01090	ZINC, DISSOLVED (UG/L AS ZN)	7440666
01091	ZINC, SUSPENDED (UG/L ZN)	7440666
01092	ZINC, TOTAL (UG/L AS ZN)	7440666
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN (UG/L)	7440666
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	7440360
01096	ANTIMONY, SUSPENDED (UG/L AS SB)	7440360
01097	ANTIMONY, TOTAL (UG/L AS SB)	7440360
01113	CADMIUM, TOTAL RECOVERABLE IN WATER AS CD (UG/L)	7440439
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB (UG/L)	7439921
01118	CHROMIUM, TOTAL RECOVERABLE IN WATER AS CR (UG/L)	7440473
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU (UG/L)	7440508

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
01124	THALLIUM, ACID SOLUBLE, WATER, WHOLE (UG/L)	7440280
01128	THALLIUM,TOTAL RECOVERABLE <95%, UG/L AS TL	7440280
01138	SELENIUM, IN WATER, LBS/DAY	7782492
01145	SELENIUM, DISSOLVED (UG/L AS SE)	7782492
01146	SELENIUM, SUSPENDED (UG/L AS SE)	7782492
01147	SELENIUM, TOTAL (UG/L AS SE)	7782492
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE (UG/L)	7782492
01220	CHROMIUM, HEXAVALENT, DISSOLVED IN (UG/L AS CR)	18540299
01252	ARSENIC, LB/DAY/CFS STREAM FLOW	7440382
01253	CADMIUM, LB/DAY/CFS STREAM FLOW	7440439
01254	CHROMIUM, TOTAL (LBS/DAY/CFS STREAM FLOW)	7740473
01255	CHROMIUM, HEXAVALENT, LB/DAY/CFS STREAM FLOW	18540299
01256	COPPER, LB/DAY/CFS STREAM FLOW	7440508
01257	CYANIDE LB/DAY/CFS STREAM FLOW	57125
01259	LEAD, LB/DAY/CFS STREAM FLOW	7439921
01260	MERCURY, LB/DAY/CFS STREAM FLOW	7439976
01261	NICKEL, LB/DAY/CFS STREAM FLOW	7440020
01263	SILVER, LB/DAY/CFS STREAM FLOW	7440224
01264	ZINC LB/DAY/CFS STREAM FLOW	7440666
01268	ANTIMONY, (SB), WATER, TOTAL RECOVERABLE (UG/L)	7440360
01291	CYANIDE, FILTERABLE, TOTAL IN WATER (UG/L)	57125
01303	ZINC, POTENTIALLY DISSOLVED WATER (MG/L)	7440666
01304	SILVER, POTENTIALLY DISSOLVED WATER (MG/L)	7440224
01306	COPPER, POTENTIALLY DISSOLVED WATER (MG/L)	7440508
01307	CHROMIUM, HEXAVALENT, POTENT. DISS. WATER (MG/L)	18540299
01309	ARSENIC, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440382
01312	BERYLLIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440417
01313	CADMIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440439

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
01314	CHROMIUM, TRIVALENT, POTENT., DISS., WATER (MG/L)	16065831
01318	LEAD, POTENTIALLY, DISSOLVED, WATER (MG/L)	7439921
01321	MERCURY, POTENTIALLY, DISSOLVED, WATER (MG/L)	7439976
01322	NICKEL, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440020
01323	SELENIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7782492
01324	THALLIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440280
01523	SILVER, IONIC (UG/L)	7440224
22675	SELENIUM, DISSOLVED ORGANIC (UG/L)	7782492
22676	SELENIUM, HEXAVALENT, DISSOLVED (UG/L)	7782492
22677	SELENIUM, TETRAVALENT, DISSOLVED	7782492
22678	ARSENIC, DISSOLVED ORGANIC (UG/L)	7440382
22679	ARSENIC, PENTAVALENT, DISSOLVED (UG/L)	7440382
22680	ARSENIC, TRIVALENT, DISSOLVED (UG/L)	7440382
30197	2-CHLOROETHYLVINYL ETHER,WATER,WHL,RECOVER (UG/L)	110758
30201	CHLOROMETHANE, WATER, WHOLE, RECOVERABLE (UG/L)	74873
30202	BROMOMETHANE, WATER, WHOLE, RECOVERABLE (UG/L)	74839
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXT. (UG/L)	67663
32005	CARBON CHLOROFORM EXTRACTABLES (UG/L)	67663
32021	CARBON CHLOROFORM EXTRACTS, ETHER INSOLUBLE (UG/L)	67663
32022	CARBON CHLOROFORM EXTRACTS, WATER SOLUBLES (UG/L)	67663
32101	BROMODICHLOROMETHANE, WHOLE WATER (UG/L)	75274
32102	CARBON TETRACHLORIDE, WHOLE WATER, (UG/L)	56235
32103	1,2-DICHLOROETHANE, WHOLE WATER (UG/L)	107062
32104	BROMOFORM, WHOLE WATER, (UG/L)	75252
32105	DIBROMOCHLOROMETHANE, WHOLE WATER, (UG/L)	124481
32106	CHLOROFORM, WHOLE WATER (UG/L)	67663
32260	CARBON TETRACHLORIDE EXTRACTABLES (MG/L)	56235
32270	CHLOROFORM EXTRACTABLES TOTAL IN MG PER LITER	67663

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXT. (UG/L)	108883
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXT. (UG/L)	71432
34198	BHC-DELTA, WATER, WHOLE (LBS/DAY)	319868
34200	ACENAPHTHYLENE, TOTAL (UG/L)	208968
34201	ACENAPHTHYLENE, DISSOLVED (UG/L)	208968
34202	ACENAPHTHYLENE, SUSPENDED (UG/L)	208968
34205	ACENAPHTHENE, TOTAL (UG/L)	83329
34206	ACENAPHTHENE, DISSOLVED (UG/L)	83329
34207	ACENAPHTHENE, SUSPENDED (UG/L)	83329
34210	ACROLEIN, TOTAL (UG/L)	107028
34211	ACROLEIN, DISSOLVED (UG/L)	107028
34212	ACROLEIN, SUSPENDED (UG/L)	107028
34215	ACRYLONITRILE, TOTAL (UG/L)	107131
34216	ACRYLONITRILE, DISSOLVED (UG/L)	107131
34217	ACRYLONITRILE, SUSPENDED (UG/L)	107131
34220	ANTHRACENE, TOTAL (UG/L)	120127
34221	ANTHRACENE, DISSOLVED (UG/L)	120127
34222	ANTHRACENE, SUSPENDED (UG/L)	120127
34225	ASBESTOS (FIBROUS) TOTAL (UG/L)	1332214
34226	ASBESTOS (FIBROUS) DISSOLVED (UG/L)	1332214
34227	ASBESTOS (FIBROUS) SUSPENDED (UG/L)	1332214
34230	BENZO(B)FLUORANTHENE, WHOLE WATER (UG/L)	205992
34231	BENZO(B)FLUORANTHENE, DISSOLVED (UG/L)	205992
34232	BENZO(B)FLUORANTHENE, SUSPENDED (UG/L)	205992
34235	BENZENE, DISSOLVED (UG/L)	71432
34236	BENZENE, SUSPENDED (UG/L)	71432
34239	BENZIDINE, DISSOLVED (UG/L)	92875
34240	BENZIDINE, SUSPENDED (UG/L)	92875

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34242	BENZO(K)FLUORANTHENE, TOTAL (UG/L)	207089
34243	BENZO(K)FLUORANTHENE, DISSOLVED (UG/L)	207089
34244	BENZO(K)FLUORANTHENE, SUSPENDED (UG/L)	207089
34247	BENZO-A-PYRENE, TOTAL (UG/L)	50328
34248	BENZO-A-PYRENE, DISSOLVED (UG/L)	50328
34249	BENZO-A-PYRENE, SUSPENDED (UG/L)	50328
34253	A-BHC-ALPHA, DISSOLVED (UG/L)	319846
34254	A-BHC-ALPHA, SUSPENDED (UG/L)	319846
34255	B-BHC-BETA, DISSOLVED (UG/L)	319857
34256	B-BHC-BETA, SUSPENDED (UG/L)	319857
34259	DELTA BENZENE HEXACHLORIDE, TOTAL (UG/L)	319868
34260	DELTA BENZENE HEXACHLORIDE, DISSOLVED (UG/L)	319868
34261	DELTA BENZENE HEXACHLORIDE, SUSPENDED (UG/L)	319868
34265	R-BHC (LINDANE) GAMMA, DISSOLVED (UG/L)	58899
34266	R-BHC (LINDANE) GAMMA, SUSPENDED (UG/L)	58899
34273	BIS (2-CHLOROETHYL) ETHER, TOTAL (UG/L)	111444
34274	BIS (2-CHLOROETHYL) ETHER, DISSOLVED (UG/L)	111444
34275	BIS (2-CHLOROETHYL) ETHER, SUSPENDED (UG/L)	111444
34278	BIS (2-CHLOROETHOXY) METHANE, TOTAL (UG/L)	111911
34279	BIS (2-CHLOROETHOXY) METHANE, DISSOLVED (UG/L)	111911
34280	BIS (2-CHLOROETHOXY) METHANE, SUSPENDED (UG/L)	111911
34288	BROMOFORM, DISSOLVED (UG/L)	75252
34289	BROMOFORM, SUSPENDED (UG/L)	75252
34292	N-BUTYL BENZYL PHTHALATE, WHOLE WATER (UG/L)	85687
34293	N-BUTYL BENZYL PHTHALATE, DISSOLVED (UG/L)	85687
34294	N-BUTYL BENZYL PHTHALATE, SUSPENDED (UG/L)	85687
34297	CARBON TETRACHLORIDE, DISSOLVED (UG/L)	56235
34298	CARBON TETRACHLORIDE, SUSPENDED (UG/L)	56235

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34301	CHLOROBENZENE, TOTAL (UG/L)	108907
34302	CHLOROBENZENE, DISSOLVED (UG/L)	108907
34303	CHLOROBENZENE, SUSPENDED (UG/L)	108907
34306	CHLORODIBROMOMETHANE, TOTAL (UG/L)	124481
34307	CHLORODIBROMOMETHANE, DISSOLVED (UG/L)	124481
34308	CHLORODIBROMOMETHANE, SUSPENDED (UG/L)	124481
34311	CHLOROETHANE, TOTAL (UG/L)	75003
34312	CHLOROETHANE, DISSOLVED (UG/L)	75003
34313	CHLOROETHANE, SUSPENDED (UG/L)	75003
34316	CHLOROFORM, DISSOLVED (UG/L)	67663
34317	CHLOROFORM, SUSPENDED (UG/L)	67663
34320	CHRYSENE, TOTAL (UG/L)	218019
34321	CHRYSENE, DISSOLVED (UG/L)	218019
34322	CHRYSENE, SUSPENDED (UG/L)	218019
34325	CYANIDE, SUSPENDED (MG/L)	57125
34327	DI-N-BUTYL PHTHALATE, DISSOLVED (UG/L)	84742
34328	DICHLOROBROMOMETHANE, DISSOLVED (UG/L)	75274
34329	DICHLOROBROMOMETHANE, SUSPENDED (UG/L)	75274
34336	DIETHYL PHTHALATE, TOTAL (UG/L)	84662
34337	DIETHYL PHTHALATE, DISSOLVED (UG/L)	84662
34338	DIETHYL PHTHALATE, SUSPENDED (UG/L)	84662
34341	DIMETHYL PHTHALATE, TOTAL (UG/L)	131113
34342	DIMETHYL PHTHALATE, DISSOLVED (UG/L)	131113
34343	DIMETHYL PHTHALATE, SUSPENDED (UG/L)	131113
34346	1,2-DIPHENYLHYDRAZINE, TOTAL (UG/L)	122667
34347	1,2-DIPHENYLHYDRAZINE, DISSOLVED (UG/L)	122667
34348	1,2-DIPHENYLHYDRAZINE, SUSPENDED (UG/L)	122667
34351	ENDOSULFAN SULFATE, TOTAL (UG/L)	1031078

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34352	ENDOSULFAN SULFATE, DISSOLVED (UG/L)	1031078
34353	ENDOSULFAN SULFATE, SUSPENDED (UG/L)	1031078
34356	ENDOSULFAN, BETA, TOTAL (UG/L)	33213659
34357	ENDOSULFAN, BETA, DISSOLVED (UG/L)	33213659
34358	ENDOSULFAN, BETA, SUSPENDED (UG/L)	33213659
34361	ENDOSULFAN, ALPHA, TOTAL (UG/L)	959988
34362	ENDOSULFAN, ALPHA, DISSOLVED (UG/L)	959988
34363	ENDOSULFAN, ALPHA, SUSPENDED (UG/L)	959988
34371	ETHYLBENZENE, TOTAL (UG/L)	100414
34372	ETHYLBENZENE, DISSOLVED (UG/L)	100414
34373	ETHYLBENZENE, SUSPENDED (UG/L)	100414
34376	FLUORANTHENE, TOTAL (UG/L)	206440
34377	FLUORANTHENE, DISSOLVED (UG/L)	206440
34378	FLUORANTHENE, SUSPENDED (UG/L)	206440
34381	FLUORENE, TOTAL (UG/L)	86737
34382	FLUORENE, DISSOLVED (UG/L)	86737
34383	FLUORENE, SUSPENDED (UG/L)	86737
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL (UG/L)	77474
34387	HEXACHLOROCYCLOPENTADIENE, DISSOLVED (UG/L)	77474
34388	HEXACHLOROCYCLOPENTADIENE, SUSPENDED (UG/L)	77474
34391	HEXACHLOROBUTADIENE, TOTAL (UG/L)	87683
34392	HEXACHLOROBUTADIENE, DISSOLVED (UG/L)	87683
34393	HEXACHLOROBUTADIENE, SUSPENDED (UG/L)	87683
34396	HEXACHLOROETHANE, TOTAL (UG/L)	67721
34397	HEXACHLOROETHANE, DISSOLVED (UG/L)	67721
34398	HEXACHLOROETHANE, SUSPENDED (UG/L)	67721
34401	HEXACHLOROBENZENE, DISSOLVED (UG/L)	118741
34402	HEXACHLOROBENZENE, SUSPENDED (UG/L)	118741

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34403	INDENO (1,2,3-CD) PYRENE, TOTAL (UG/L)	193395
34404	INDENO (1,2,3-CD) PYRENE, DISSOLVED (UG/L)	193395
34405	INDENO (1,2,3-CD) PYRENE, SUSPENDED (UG/L)	193395
34408	ISOPHORONE, TOTAL (UG/L)	78591
34409	ISOPHORONE, DISSOLVED (UG/L)	78591
34410	ISOPHORONE, SUSPENDED (UG/L)	78591
34413	METHYL BROMIDE, TOTAL (UG/L)	74839
34414	METHYL BROMIDE, DISSOLVED (UG/L)	74839
34415	METHYL BROMIDE, SUSPENDED (UG/L)	74839
34418	METHYL CHLORIDE, TOTAL (UG/L)	74873
34419	METHYL CHLORIDE, DISSOLVED (UG/L)	74873
34420	METHYL CHLORIDE, SUSPENDED (UG/L)	74873
34423	METHYLENE CHLORIDE, TOTAL (UG/L)	75092
34424	METHYLENE CHLORIDE, DISSOLVED (UG/L)	75092
34425	METHYLENE CHLORIDE, SUSPENDED (UG/L)	75092
34428	N-NITROSODI-N-PROPYLAMINE, TOTAL (UG/L)	621647
34429	N-NITROSODI-N-PROPYLAMINE, DISSOLVED (UG/L)	621647
34430	N-NITROSODI-N-PROPYLAMINE, SUSPENDED (UG/L)	621647
34433	N-NITROSODIPHENYLAMINE, TOTAL (UG/L)	86306
34434	N-NITROSODIPHENYLAMINE, DISSOLVED (UG/L)	86306
34435	N-NITROSODIPHENYLAMINE, SUSPENDED (UG/L)	86306
34438	N-NITROSODIMETHYLAMINE, TOTAL (UG/L)	62759
34439	N-NITROSODIMETHYLAMINE, DISSOLVED (UG/L)	62759
34440	N-NITROSODIMETHYLAMINE, SUSPENDED (UG/L)	62759
34443	NAPHTHALENE, DISSOLVED (UG/L)	91203
34444	NAPHTHALENE, SUSPENDED (UG/L)	91203
34447	NITROBENZENE, TOTAL (UG/L)	98953
34448	NITROBENZENE, DISSOLVED (UG/L)	98953

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34449	NITROBENZENE, SUSPENDED (UG/L)	98953
34452	PARACHLOROMETA CRESOL, TOTAL (UG/L)	59507
34453	PARACHLOROMETA CRESOL, DISSOLVED (UG/L)	59507
34454	PARACHLOROMETA CRESOL, SUSPENDED (UG/L)	59507
34457	PCB - 1242, DISSOLVED (UG/L)	53469219
34458	PCB - 1242, SUSPENDED (UG/L)	53469219
34459	PCP (PENTACHLOROPHENOL), DISSOLVED (UG/L)	87865
34460	PCP (PENTACHLOROPHENOL), SUSPENDED (UG/L)	87865
34461	PHENANTHRENE, TOTAL (UG/L)	85018
34462	PHENANTHRENE, DISSOLVED (UG/L)	85018
34463	PHENANTHRENE, SUSPENDED (UG/L)	85018
34466	PHENOL, DISSOLVED (UG/L)	108952
34467	PHENOL, SUSPENDED (UG/L)	108952
34469	PYRENE, TOTAL (UG/L)	129000
34470	PYRENE, DISSOLVED (UG/L)	129000
34471	PYRENE, SUSPENDED (UG/L)	129000
34475	TETRACHLOROETHYLENE, TOTAL (UG/L)	127184
34476	TETRACHLOROETHYLENE, DISSOLVED (UG/L)	127184
34477	TETRACHLOROETHYLENE, SUSPENDED (UG/L)	127184
34481	TOLUENE, DISSOLVED (UG/L)	108883
34482	TOLUENE, SUSPENDED (UG/L)	108883
34485	TRICHLOROETHYLENE, DISSOLVED (UG/L)	79016
34486	TRICHLOROETHYLENE, SUSPENDED (UG/L)	79016
34493	VINYL CHLORIDE, DISSOLVED (UG/L)	75014
34494	VINYL CHLORIDE, SUSPENDED (UG/L)	75014
34496	1,1-DICHLOROETHANE, TOTAL (UG/L)	75343
34497	1,1-DICHLOROETHANE, DISSOLVED (UG/L)	75343
34498	1,1-DICHLOROETHANE, SUSPENDED (UG/L)	75343

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34501	1,1-DICHLOROETHYLENE, TOTAL (UG/L)	75354
34502	1,1-DICHLOROETHYLENE, DISSOLVED (UG/L)	75354
34503	1,1-DICHLOROETHYLENE, SUSPENDED (UG/L)	75354
34506	1,1,1-TRICHLOROETHANE, TOTAL (UG/L)	71556
34507	1,1,1-TRICHLOROETHANE, DISSOLVED (UG/L)	71556
34508	1,1,1-TRICHLOROETHANE, SUSPENDED (UG/L)	71556
34511	1,1,2-TRICHLOROETHANE, TOTAL (UG/L)	79005
34512	1,1,2-TRICHLOROETHANE, DISSOLVED (UG/L)	79005
34513	1,1,2-TRICHLOROETHANE, SUSPENDED (UG/L)	79005
34516	1,1,2,2-TETRACHLOROETHANE, TOTAL (UG/L)	79345
34517	1,1,2,2-TETRACHLOROETHANE, DISSOLVED (UG/L)	79345
34518	1,1,2,2-TETRACHLOROETHANE, SUSPENDED (UG/L)	79345
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE, TOTAL (UG/L)	191242
34522	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE, DISS. (UG/L)	191242
34523	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE, SUSP. (UG/L)	191242
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE, TOTAL (UG/L)	56553
34527	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE, DISS. (UG/L)	56553
34528	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE, SUSP. (UG/L)	56553
34531	1,2-DICHLOROETHANE, TOTAL (UG/L)	107062
34532	1,2-DICHLOROETHANE, DISSOLVED (UG/L)	107062
34533	1,2-DICHLOROETHANE, SUSPENDED (UG/L)	107062
34536	1,2-DICHLOROBENZENE, TOTAL (UG/L)	95501
34537	1,2-DICHLOROBENZENE, DISSOLVED (UG/L)	95501
34538	1,2-DICHLOROBENZENE, SUSPENDED (UG/L)	95501
34541	1,2-DICHLOROPROPANE, TOTAL (UG/L)	78875
34542	1,2-DICHLOROPROPANE, DISSOLVED (UG/L)	78875
34543	1,2-DICHLOROPROPANE, SUSPENDED (UG/L)	78875
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER (UG/L)	156605

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34547	TRANS-1,2-DICHLOROETHENE, DISSOLVED (UG/L)	156605
34548	TRANS-1,2-DICHLOROETHENE, SUSPENDED (UG/L)	156605
34551	1,2,4-TRICHLOROBENZENE, TOTAL (UG/L)	120821
34552	1,2,4-TRICHLOROBENZENE, DISSOLVED (UG/L)	120821
34553	1,2,4-TRICHLOROBENZENE, SUSPENDED (UG/L)	120821
34556	1,2,5,6-DIBENZANTHRACENE, TOTAL (UG/L)	53703
34557	1,2,5,6-DIBENZANTHRACENE, DISSOLVED (UG/L)	53703
34558	1,2,5,6-DIBENZANTHRACENE, SUSPENDED (UG/L)	53703
34561	1,3-DICHLOROPROPENE, TOTAL (UG/L)	542756
34562	1,3-DICHLOROPROPENE, DISSOLVED (UG/L)	542756
34563	1,3-DICHLOROPROPENE, SUSPENDED (UG/L)	542756
34566	1,3-DICHLOROBENZENE, TOTAL (UG/L)	541731
34567	1,3-DICHLOROBENZENE, DISSOLVED (UG/L)	541731
34568	1,3-DICHLOROBENZENE, SUSPENDED (UG/L)	541731
34571	1,4-DICHLOROBENZENE, TOTAL (UG/L)	106467
34572	1,4-DICHLOROBENZENE, DISSOLVED (UG/L)	106467
34573	1,4-DICHLOROBENZENE, SUSPENDED (UG/L)	106467
34576	2-CHLOROETHYL VINYL ETHER, TOTAL (UG/L)	110758
34577	2-CHLOROETHYL VINYL ETHER, DISSOLVED (UG/L)	110758
34578	2-CHLOROETHYL VINYL ETHER, SUSPENDED (UG/L)	110758
34581	2-CHLORONAPHTHALENE, TOTAL (UG/L)	91587
34582	2-CHLORONAPHTHALENE, DISSOLVED (UG/L)	91587
34583	2-CHLORONAPHTHALENE, SUSPENDED (UG/L)	91587
34586	2-CHLOROPHENOL, TOTAL (UG/L)	95578
34587	2-CHLOROPHENOL, DISSOLVED (UG/L)	95578
34588	2-CHLOROPHENOL, SUSPENDED (UG/L)	95578
34591	2-NITROPHENOL, TOTAL (UG/L)	88755
34592	2-NITROPHENOL, DISSOLVED (UG/L)	88755

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34593	2-NITROPHENOL, SUSPENDED (UG/L)	88755
34596	DI-N-OCTYL PHTHALATE, TOTAL (UG/L)	117840
34597	DI-N-OCTYL PHTHALATE, DISSOLVED (UG/L)	117840
34598	DI-N-OCTYL PHTHALATE, SUSPENDED (UG/L)	117840
34601	2,4-DICHLOROPHENOL, TOTAL (UG/L)	120832
34602	2,4-DICHLOROPHENOL, DISSOLVED (UG/L)	120832
34603	2,4-DICHLOROPHENOL, SUSPENDED (UG/L)	120832
34606	2,4-DIMETHYLPHENOL, TOTAL (UG/L)	105679
34607	2,4-DIMETHYLPHENOL, DISSOLVED (UG/L)	105679
34608	2,4-DIMETHYLPHENOL, SUSPENDED (UG/L)	105679
34611	2,4-DINITROTOLUENE, TOTAL (UG/L)	121142
34612	2,4-DINITROTOLUENE, DISSOLVED (UG/L)	121142
34613	2,4-DINITROTOLUENE, SUSPENDED (UG/L)	121142
34616	2,4-DINITROPHENOL, TOTAL (UG/L)	51285
34617	2,4-DINITROPHENOL, DISSOLVED (UG/L)	51285
34618	2,4-DINITROPHENOL, SUSPENDED (UG/L)	51285
34621	2,4,6-TRICHLOROPHENOL, TOTAL (UG/L)	88062
34622	2,4,6-TRICHLOROPHENOL, DISSOLVED (UG/L)	88062
34623	2,4,6-TRICHLOROPHENOL, SUSPENDED (UG/L)	88062
34626	2,6-DINITROTOLUENE, TOTAL (UG/L)	606202
34627	2,6-DINITROTOLUENE, DISSOLVED (UG/L)	606202
34628	2,6-DINITROTOLUENE, SUSPENDED (UG/L)	606202
34631	3,3'-DICHLOROBENZIDINE, TOTAL (UG/L)	91941
34632	3,3'-DICHLOROBENZIDINE, DISSOLVED (UG/L)	91941
34633	3,3'-DICHLOROBENZIDINE, SUSPENDED (UG/L)	91941
34636	4-BROMOPHENYL PHENYL ETHER, TOTAL (UG/L)	101553
34637	4-BROMOPHENYL PHENYL ETHER, DISSOLVED (UG/L)	101553
34638	4-BROMOPHENYL PHENYL ETHER, SUSPENDED (UG/L)	101553

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34641	4-CHLOROPHENYL PHENYL ETHER, TOTAL (UG/L)	7005723
34642	4-CHLOROPHENYL PHENYL ETHER, DISSOLVED (UG/L)	7005723
34643	4-CHLOROPHENYL PHENYL ETHER, SUSPENDED (UG/L)	7005723
34646	4-NITROPHENOL, TOTAL (UG/L)	100027
34647	4-NITROPHENOL, DISSOLVED (UG/L)	100027
34648	4-NITROPHENOL, SUSPENDED (UG/L)	100027
34651	P,P'-DDD, DISSOLVED (UG/L)	72548
34652	P,P'-DDD, SUSPENDED (UG/L)	72548
34653	P,P'-DDE, DISSOLVED (UG/L)	72559
34654	P,P'-DDE, SUSPENDED (UG/L)	72559
34655	P,P'-DDT, DISSOLVED (UG/L)	50293
34656	P,P'-DDT, SUSPENDED (UG/L)	50293
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL), TOTAL (UG/L)	534521
34658	DNOC (4,6-DINITRO-ORTHO-CRESOL), DISSOLVED (UG/L)	534521
34659	DNOC (4,6-DINITRO-ORTHO-CRESOL), SUSPENDED (UG/L)	534521
34662	PCB - 1221, DISSOLVED (UG/L)	11104282
34663	PCB - 1221, SUSPENDED (UG/L)	11104282
34665	PCB - 1232, DISSOLVED (UG/L)	11141165
34666	PCB - 1232, SUSPENDED (UG/L)	11141165
34671	PCB - 1016, TOTAL (UG/L)	12674112
34672	PCB - 1016, DISSOLVED (UG/L)	12674112
34673	PCB - 1016, SUSPENDED (UG/L)	12674112
34675	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD),TOT(UG/L)	1746016
34676	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)DISS(UG/L)	1746016
34677	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)SUSP(UG/L)	1746016
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTAL (UG/L)	108952
34696	NAPHTHALENE, TOTAL (UG/L)	91203
34750	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)TOT(PG/L)	1746016

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34751	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)DISS(PG/L)	1746016
34752	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)SUSP(PG/L)	1746016
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE (UG/L)	87865
39039	HEXACHLOROBENZENE WATER SAMPLE,ELECTRON CPT (UG/L)	118741
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER (UG/L)	117817
39103	BIS(2-ETHYLHEXYL) PHTHALATE, DISSOLVED, (UG/L)	117817
39104	BIS(2-ETHYLHEXYL) PHTHALATE, SUSPENDED, (UG/L)	117817
39107	PHTHALATES,DIETHYLHEXYL SUS.FRAC.WTR DWT (MG/KG)	117817
39110	DI-N-BUTYL PHTHALATE, WHOLE WATER (UG/L)	84742
39114	DI-N-BUTYL PHTHALATE, SUSPENDED (UG/L)	84742
39115	PHTHALATES,DIBUTYL SUS.FRAC.WATER DWT (UG/KG)	84742
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	92875
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE (UG/L)	75014
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE (UG/L)	79016
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	50293
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	72548
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	72559
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	309002
39331	ALDRIN IN FILT. FRAC. OF WAT. SAMP. (UG/L)	309002
39332	ALDRIN IN SUSP. FRAC. OF WAT. SAMP. (UG/L)	309002
39336	BHC-ALPHA, WATER, WHOLE (LBS/DAY)	319846
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER (UG/L)	319846
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER (UG/L)	319857
39340	GAMMA-BHC(LINDANE), WHOLE WATER (UG/L)	58899
39341	GAMMA-BHC(LINDANE), DISSOLVED (UG/L)	58899
39342	GAMMA-BHC(LINDANE), SUSPENDED (UG/L)	58899
39344	BHC-GAMMA, WATER, WHOLE (LBS/DAY)	58899
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATER (UG/L)	57749

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
39352	CHLORDANE(TECH MIX & METABS), DISSOLVED (UG/L)	57749
39353	CHLORDANE(TECH MIX & METABS), SUSPENDED (UG/L)	57749
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	72548
39361	DDD IN FILT. FRAC. OF WATER SMAPLE (UG/L)	72548
39362	DDD IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	72548
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	72559
39366	DDE IN FILT. FRAC. OF WATER SAMPLE (UG/L)	72559
39367	DDE IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	72559
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	50293
39371	DDT IN FILT. FRAC. OF WATER SAMPLE (UG/L)	50293
39372	DDT IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	50293
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	60571
39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	60571
39382	DIELDRIN IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	60571
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	72208
39391	ENDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	72208
39392	ENDRIN IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	72208
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	8001352
39401	TOXAPHENE IN FILT. FRAC. OF WATER SAMPLE (UG/L)	8001352
39402	TOXAPHENE IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	8001352
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	76448
39411	HEPTACHLOR IN FILT. FRAC. OF WATER SAMPLE (UG/L)	76448
39412	HEPTACHLOR IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	76448
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	1024573
39421	HEPTACHLOR EPOXIDE IN FILT. FRAC. WAT. SAM. (UG/L)	1024573
39422	HEPTACHLOR EPOXIDE IN SUSP. FRAC. WAT. SAM. (UG/L)	1024573
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE (UG/L)	11104282
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE (UG/L)	11141165

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE (UG/L)	53469219
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE (UG/L)	12672296
39501	PCB - 1248 IN FILT. FRAC. OF WATER SAMPLE (UG/L)	12672296
39502	PCB - 1248 IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	12672296
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE (UG/L)	11097691
39505	PCB - 1254 IN FILT. FRAC. OF WATER SAMPLE (UG/L)	11097691
39506	PCB - 1254 IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	11097691
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE (UG/L)	11096825
39509	PCB - 1260 IN FILT. FRAC. OF WATER SAMPLE (UG/L)	11096825
39510	PCB - 1260 IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	11096825
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	118741
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE (UG/L)	87683
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	58899
39920	DNOC IN WHOLE WATER SAMPLE (UG/L)	534521
46322	LINDANE PLUS ISOMERS IN WHOLE WATER SAMPLE (UG/L)	58899
46323	DELTA-BHC IN WHOLE WATER SAMPLE (UG/L)	319868
46326	HEPTACHLOR AND METABOLITES IN WH. H2O SAMP. (UG/L)	76448
46479	CYANIDE, DISSOLVED, WATER (UG/L)	57125
46551	ARSENIC, FIELD ACIDIFIED W/HNO3, LAB FILT. (UG/L)	7440382
46559	CADMIUM, FIELD ACIDIFIED-HNO3-LAB FILTER (UG/L-CD)	7440439
46560	CHROMIUM, FIELD ACIDIFIED-HN03-LAB FILT. (UG/L-CR)	7440473
46562	COPPER, FIELD ACIDIFIED-HNO3-LAB FILTER. (UG/L-CU)	7440508
46564	LEAD, FIELD ACIDIFIED-HNO3-LAB FILTERED (UG/L-PB)	7439921
46566	SILVER, FIELD ACIDIFIED-HNO3-LAB FILTER.(UG/L-AG)	7440224
46567	ZINC, EXTRACT. FIELD ACID W/HNO3, LAB FILT. (UG/L)	7440666
70012	PARACHLOROMETA CRESOL, WATER, WHOLE (LBS/DAY)	59507
70017	HEXACHLOROCYCLOPENTADIENE, WATER, WHOLE (LBS/DAY)	77474
70021	LEAD, (TCLP), WATER, TOTAL (MG/L)	7439921

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
71890	MERCURY, DISSOLVED (UG/L AS HG)	7439976
71895	MERCURY, SUSPENDED (UG/L AS HG)	7439976
71900	MERCURY, TOTAL (UG/L AS HG)	7439976
71901	MERCURY, TOTAL RECOVERABLE IN WATER AS HG (UG/L)	7439976
71946	CADMIUM, EXTRACTABLE (UG/L AS CD)	7440439
71947	CHROMIUM, EXTRACTABLE (UG/L AS CR)	7440473
71949	LEAD, EXTRACTABLE (UG/L AS PB)	7439921
71950	ZINC, EXTRACTABLE (UG/L AS ZN)	7440666
71951	COPPER, EXTRACTABLE (UG/L AS CU)	7440508
73063	CHLOROGUAIACOL,4-, TOTAL, WATER (UG/L)	16766306
73522	PROPANE, 2,2'-OXYBIS(1-CHLORO)- TOTAL (UG/L)	108601
77163	1,3-DICHLOROPROPENE-1, WHOLE WATER (UG/L)	542756
77354	1,1-DICHLORO-2,2-DIFLUOROETHANE WHOLE WATER (UG/L)	471432
77771	3-CHLORO-4-HYDROXYBENZOPHENONE, WHOLE WATER (UG/L)	55191203
78113	ETHYL BENZENE WHOLE WATER SAMPLE (UG/L)	100414
78124	BENZENE IN WATER (VOLATILE ANALYSIS) (UG/L)	71432
78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) (UG/L)	108883
78208	2,4-DINITRO-O-CRESOL IN WHOLE WATER SAMPLE (UG/L)	534521
78247	CHROMIUM, HEXAVALENT, TOTAL RECOVERABLE, WT (UG/L)	18540299
78248	CYANIDE, TOTAL RECOVERABLE, WATER, WHOLE (UG/L)	57125
80357	CHROMIUM, TRIVALENT, DISSOLVED, AS CR	16065831
81208	CYANIDE, FREE (NOT AMEN. TO CHLORINATION) (MG/L)	57125
81210	CYANIDE - STATE OF ILLINOIS (MG/L)	57125
81214	CADMIUM - STATE OF ILLINOIS (MG/L)-COLD	7440439
81215	CHROMIUM - STATE OF ILLINOIS (MG/L), COLD DIGEST	18540299
81216	CHROMIUM(TRI)-STATE OF ILLINOIS (MG/L)-COLD DIGEST	16065831
81217	CHROMIUM, TOTAL - STATE OF ILLINOIS (MG/L) COLD DIGEST	7440473
81218	COPPER, STATE OF ILLINOIS, MG/L, COLD DIGEST	7440508

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
81220	LEAD, STATE OF ILLINOIS, MG/L, COLD DIGEST	7439921
81222	NICKEL - STATE OF ILLINOIS, MG/L, COLD DIGEST	7440020
81223	SILVER, STATE OF ILLINOIS, MG/L, COLD DIGEST	7440224
81224	ZINC - STATE OF ILLINOIS, MG/L, COLD DIGEST	7440666
81642	SILVER (AG) IN WATER POUNDS PER DAY (LBS/DAY)	7440224
81750	COPPER, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7440508
81751	LEAD, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7439921
81752	NICKEL, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7440020
81753	CADMIUM, INTERSTITIAL WATER FROM SEDIMENT	7440439
81754	ZINC, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7440666
81766	HEPTACHLOR EPOXIDE IN EPILITHIC ALGAE SED. (UG/KG)	1024573
81931	MERCURY (HG) SUSPENDED FRACTION OF WATER (UG/G)	7439976
81932	CADMIUM (CD) SUSPENDED FRACTION OF WATER (UG/G)	7440439
81933	ZINC (ZN) SUSPENDED FRACTION OF WATER (UG/G)	7440666
81934	LEAD (PB) SUSPENDED FRACTION OF WATER (UG/G)	7439921
81936	LEAD (PB) DISSOLVED CATIONIC SPECIES (UG/L)	7439921
81937	CADMIUM (CD) DISSOLVED CATIONIC SPECIES (UG/L)	7440439
81938	CHROMIUM, DISSOLVED CATIONIC SPECIES (UG/L)	7440473
81939	COPPER (CU) DISSOLVED CATIONIC SPECIES (UG/L)	7440508
81940	ZINC (ZN) DISSOLVED CATIONIC SPECIES (UG/L)	7440666
81941	CHROMIUM, DISSOLVED ANIONIC SPECIES (UG/L)	7440473
81942	COPPER (CU) DISSOLVED ANIONIC SPECIES (UG/L)	7440508
81943	ZINC (ZN) DISSOLVED ANIONIC SPECIES (UG/L)	7440666
82058	CHROMIUM, TOTAL, PERCENT REMOVAL	7440473
82399	CHROMIUM, HEXAVALENT (KG/BATCH)	18540299
82512	M,P-DICHLOROBENZENE (MEASURES 1,3&1,4) TOT. (UG/L)	541731
82573	CYANIDE/CHLORINATION IN WATER (MG/L)	57125
82621	HEXACHLOROBENZENE, WATER, TOTAL RECOVER. (UG/L)	118741

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
82622	ENDRIN ALDEHYDE, WH. WATER, TOTAL RECOVER. (UG/L)	7421934
82623	ENDOSULFAN SULFATE, WATER, TOTAL RECOVER. (UG/L)	1031078
82624	ENDOSULFAN, BETA, WH. WATER, TOTAL RECOVER. (UG/L)	33213659
82626	1,2-DIPHENYLHYDRAZINE, WATER, TOTAL RECOVER. (UG/L)	122667
82627	PARACHLOROMETA CRESOL, WATER, TOTAL RECOVER. (UG/L)	59507
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440382
82704	BERYLLIUM, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440417
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440439
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440473
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440508
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7439921
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7439976
82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440020
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440224
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440666
85006	ZINC, TOTAL - (#/DAY)	7440666
85007	CHROMIUM, TOTAL (#/DAY)	7440473
85010	NICKEL, TOTAL - (#/DAY)	7440020
85013	MERCURY, TOTAL - (#/DAY)	7439976

Appendix H

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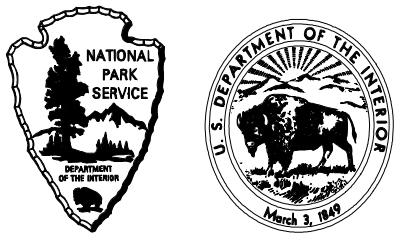
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