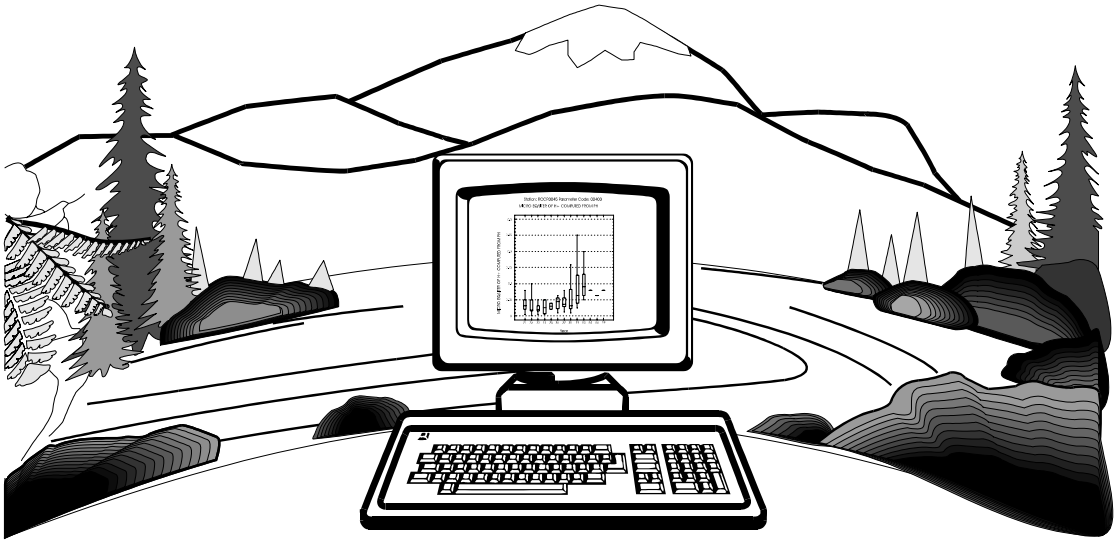
Baseline Water Quality Data

Inventory and Analysis

Saratoga National Historical Park



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

SARATOGA NATIONAL HISTORICAL PARK

National Park Service
Water Resources Division
Fort Collins, CO 80525

Technical Report NPS/NRWRD/NRTR-97/96

MARCH 1997

United States Department of the Interior
National Park Service
Washington, D.C.

EXECUTIVE SUMMARY

This document presents the results of surface-water-quality data retrievals for Saratoga National Historical Park (SARA) 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 study area from the IFD, DRINKS, GAGES, and DAMS databases located 15 industrial/municipal dischargers; three drinking water intakes; 33 active or inactive U. S. Geological Survey (USGS) water gages (including stream and well); and nine water impoundments. The results of the STORET retrieval for the study area yielded 72,541 observations for 555 separate parameters collected by the NPS, USGS, EPA, and New York Department of Environmental Conservation at 69 monitoring stations. Eight stations within the study area (none within the park boundary) were established but contained no data. Two stations within the study area (none within the park boundary) were established but contained no data appropriate for statistical analysis. Sixteen stations were located within the park boundary (see Station Period of Record Tabulation).

Most of the monitoring stations represent either one-time or intensive single-year sampling efforts by the collecting agencies. Thirty-two stations within the study area (eight within the park boundary) yielded longer-term records consisting of multiple observations for several important water quality parameters (see Station Period of Record Tabulation). The stations yielding the longest-term records within the park boundary are: (1) Upper Kroma Kill At Culvert (SARA 0049); (2) Mill Creek Behind Stop 8 (SARA 0055); (3) American's Creek At Route 4 (SARA 0057); (4) Robbie's Ditch (SARA 0054); and (5) Tributary To Upper Kroma Kill (SARA 0050). The stations yielding the longest-term records within the study area, but outside of the park boundary, are: (1) U. Hudson R. In Stillwater @ Rt. 67 Br. (SARA 0063); (2) Hudson River (SARA 0064); (3) Batten Kill In Middle Falls @ Nimo Forebay (SARA 0001); (4) Battenkill Creek (SARA 0004); and (5) Hudson River At Stillwater NY (SARA 0067)[†]. The stations with longer-term records within the study area, but outside of the park boundary, uniformly have at least four times the number of observations as the stations with longer-term records within the park boundary.

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 SARA water quality criteria screen found 12 groups of parameters that exceeded screening criteria at least once within the study area. Dissolved oxygen, pH, cadmium,

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

chromium, copper, lead, and mercury exceeded their respective EPA criteria for the protection of freshwater aquatic life. Nitrite, cadmium, lead, mercury, and methylene chloride exceeded their respective EPA drinking water criteria. Bacteria concentrations (total coliform and fecal coliform) and turbidity exceeded the WRD screening limits for freshwater bathing and aquatic life, respectively.

Dissolved oxygen concentrations were measured 1,609 times at 37 monitoring stations from 1964 through 1993. Of the 1,601 observations used in the criteria analysis (see Remark Code Screen in the Methodology for explanation), 24 observations at 12 stations throughout the study area were less than or equal to the 4 milligrams per liter (mg/L) EPA criterion for the protection of freshwater aquatic life. Fifty-eight percent of the observations below the criterion were from six stations in the Hudson River near Fort Edwards (SARA 0030, SARA 0034, SARA 0036, SARA 0038, SARA 0039, SARA 0040).

The pH was measured 2,059 times at 44 monitoring stations from 1964 through 1993. One-hundred-thirty-eight observations at 25 stations were outside the pH range of 6.5 to 9.0 standard units (SU) (EPA chronic criteria for freshwater aquatic life). Nineteen of these 138 observations were greater than or equal to pH 9.0 and 119 observations were less than or equal to pH 6.5. Eighty-nine percent of the observations greater than or equal to pH 9.0 were reported from three monitoring stations in the Hoosic River near Stillwater (SARA 0066, SARA 0068, SARA 0069), including the highest reported pH of 9.60 SU which occurred at all three stations from June 1974 through May 1977. Seventy-one percent of the observations less than or equal to pH 6.5 were reported from ten stations in the Hudson River near Fort Edward, including the lowest reported pH of 5.6 SU at one station (SARA 0037) in September 1969 and August 1970.

Turbidity was measured 1,497 times at 28 monitoring stations from 1964 through 1988. Eight observations at six stations in the Hudson (SARA 0030, SARA 0034, SARA 0063, SARA 0064) and Hoosic Rivers (SARA 0068, SARA 0069) exceeded the WRD screening criterion of 50 turbidity units (JTU/FTU/NTU). The highest reported value of 72 FTU occurred once at two stations in the Hudson River at the Route 67 Bridge near Stillwater (SARA 0063 and SARA 0064) in October 1979.

Total coliform concentrations were measured 1,481 times at 23 monitoring stations from 1964 through 1988. Of the 1,473 observations used in the criteria analysis (see Remark Code Screen in the Methodology for explanation), 1,217 observations at 23 stations exceeded the WRD bathing water criterion of 1,000 Colony Forming Units/Most Probable Number per 100 milliliters (CFU/MPN/100 ml). Approximately 77 percent of the observations exceeding this criterion were collected at 15 stations in the Hudson River. The highest reported concentration of at least 20,000,000 CFU/100 ml occurred once at two stations in the Hudson River near the Route 4 Bridge (SARA 0025 and SARA 0027) in June 1974. Fecal coliform concentrations were determined 1,028 times at 25 stations from 1968 through 1988. Of the 1,013 observations used in the criteria analysis (see Remark Code Screen in the Methodology for explanation), 737 observations at 24 monitoring stations exceeded the WRD bathing water criterion of 200 CFU/MPN/100 ml. Approximately 79 percent of the observations exceeding this criterion were collected at 12 stations in the Hudson River. The highest reported concentration of 800,001 CFU/100 ml occurred once at two stations in the Hudson River at Fort Edward (SARA 0021 and SARA 0022) in June 1974.

Nitrite concentrations (including dissolved and total as N, and dissolved as NO_2) were measured 1,529 times at 25 monitoring stations from 1965 through 1988. Of the 1,493 observations used in the criteria analysis (see Remark Code Screen in the Methodology and EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), four concentrations, ranging from 1.22 mg/L to 2.0 mg/L, at two stations in the Hudson River at the Route 67 Bridge in Stillwater (SARA 0063 and SARA 0064) exceeded the drinking water criterion of 1 mg/L. The highest reported concentration of 2.0 mg/L occurred at these same two stations in April 1976.

Cadmium concentrations (including dissolved and total) were measured 218 times at 13 monitoring stations from 1970 through 1988. Of the 131 observations used in the criteria analysis (see Remark Code Screen in the Methodology and EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), 12 total concentrations at six stations (SARA 0001, SARA 0025, SARA 0037, SARA 0046, SARA 0047, SARA 0068) exceeded both the acute freshwater criterion of 3.9 micrograms per liter (µg/L)

and the drinking water criterion of 5.0 µg/L. The highest reported value of 20 µg/L occurred in the Hudson River at the Route 4 Bridge near Thomson (SARA 0025) in July 1981.

Chromium concentrations (including hexavalent and total) were measured 116 times at eight monitoring stations from 1970 through 1987. Of the 84 observations used in the criteria analysis (see Remark Code Screen in the Methodology for explanation), one hexavalent concentration of 20 µg/L reported in the Hudson River at Fort Edward (SARA 0037) in October 1970 exceeded the acute freshwater criterion of 16 µg/L.

Copper concentrations (including dissolved and total) were measured 270 times at 18 monitoring stations from 1971 through 1988. Of the 227 observations used in the criteria analysis (see Remark Code Screen in the Methodology and EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), 18 total concentrations at ten stations exceeded the acute freshwater criterion of 18 µg/L. Sixty-one percent of the observations exceeding the criterion were reported at three stations in the Hudson River at Fort Edward (SARA 0030, SARA 0031, SARA 0037), including the highest reported value of 40 µg/L (SARA 0037) in March 1973.

Lead concentrations (including dissolved and total) were measured 489 times at 23 monitoring stations from 1970 through 1988. Of the 413 observations used in the criteria analysis (see Remark Code Screen in the Methodology for explanation), 63 total concentrations at 15 stations throughout the study area exceeded the drinking water criterion of 15 µg/L. Two of these 63 concentrations also exceeded the acute freshwater criterion of 82 µg/L. Approximately 71 percent of the observations exceeding criteria were reported from three stations in the Hudson River at Schuylerville (SARA 0009), Fort Edward (SARA 0031), and Stillwater (SARA 0067). The highest reported value was 190 µg/L in the Hudson River at Rogers Island at Fort Edwards (SARA 0031) in December 1978.

Mercury concentrations (including dissolved and total) were measured 234 times at 19 monitoring stations from 1970 through 1988. Of the 165 observations used in the criteria analysis (see Remark Code Screen in the Methodology for explanation), 15 total concentrations at eight stations (SARA 0003, SARA 0013, SARA 0028, SARA 0037, SARA 0038, SARA 0039, SARA 0066, SARA 0067) exceeded the drinking water criterion of 2 µg/L. Thirteen of these 15 concentrations also exceeded the acute freshwater criterion of 2.4 µg/L. Approximately 47 percent of the observations exceeding criteria were reported from three stations in the Hudson River at Fort Edward (SARA 0037, SARA 0038, SARA 0039), including the highest reported value of 34 µg/L (SARA 0037) in May 1973.

Methylene Chloride concentrations were measured 127 times at ten monitoring stations from 1983 through 1988. Of the 65 observations used in the criteria analysis (see Remark Code Screen in the Methodology for explanation), one concentration of 100 µg/L reported in the Batten Kill at Middle Falls at the Niagara Mohawk Forebay (SARA 0001) exceeded the drinking water criterion of 5 µg/L in October 1983.

The IDEA conducted for SARA indicates that STORET data exist for 12 of 13 Level I parameter groups in the study area. No STORET data exist for the parameter group Chlorophyll. For seven parmeter groups (Alkalinity, Dissolved Oxygen, Turbidity, Nitrogen, Phosphorous, Sulfates/Total Dissolved Solids/Hardness, and Bacteria), less than 25 percent of the observations were recorded since 1985. Data for five groups (Alkalinity, Flow, Turbidity, Sulfates/Total Dissolved Solids/Hardness, and Bacteria) were recorded at less than half of the 61 monitoring stations with data. Results for 110 of the 126 EPA priority toxic pollutants (consisting of metals, inorganic parameters, organic parameters, and pesticides) were retrieved from STORET. Three stations measured only bottom deposits (SARA 0044, SARA 0051, SARA 0056) and seven stations measured only fish tissue (SARA 0006, SARA 0016, SARA 0017, SARA 0024, SARA 0041, SARA 0043, SARA 0059).

Surface water resources in the SARA study area include the upper Hudson and Hoosic Rivers and numerous streams (kills, creeks and brooks) and small lakes. Based on the data inventories and analyses contained in this report, surface water quality within the study area indicates some impacts from human activities. Reaches of this section of the upper Hudson River appear to be impacted by bacteria, low pH, and metals. Potential anthropogenic sources of contaminants include municipal and industrial wastewater effluent, and agricultural runoff.

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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.

Jill Minter 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.

Mike Matz helped prepare reports and write the Executive Summaries.

Elizabeth Eisenhauer, Scott Hermsen, Alicia Lizarraga, and J. Chris Echohawk provided digital cartographic support, both in determining retrieval/query areas and producing maps and graphics.

Kelli O'Connor 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.

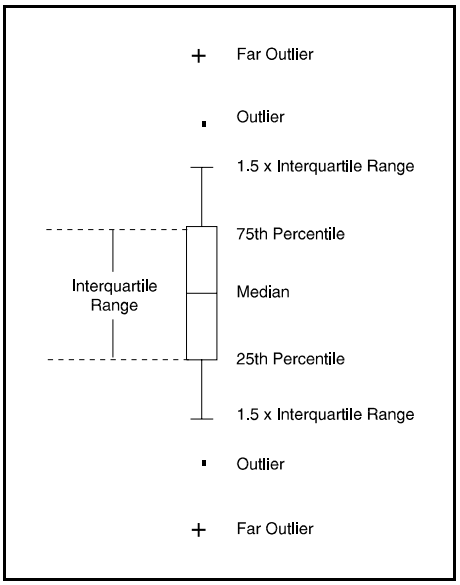
Table H. Definition of Descriptive Statistics Contained in Inventory, Annual, and Seasonal Tables

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 SARA

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:	120512	2874
# STORET Stations:	69	16
# Stations With No Data:	8	0
# Stations With No Stat. Analysis:	2	0
# Longer Term Stations:	32	8
Date of STORET Retrieval:	05/24/96	05/24/96
Period of Record:	04/23/64-05/09/94	04/30/87-08/17/90
# Parameters Measured:	555	11
# Water Quality Observations:	72541	1740
# Industrial/Municipal Facilities:	15	0
# Drinking Water Intakes:	3	0
# Water Gages:	33	1
# Water Impoundments:	9	0
# Total Plots:	145	0
# Time Series:	51	0
# Annual:	29	0
# Seasonal:	65	0

Hydrologic Definition of Seasons:

1. September 20 - February 29
2. March 1 - April 30
3. May 1 - June 30
4. July 1 - September 19

Time Series Plot Criteria:

To be included in the time series plots, a station/parameter combination must have at least 15 years and at least 80 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 8 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.

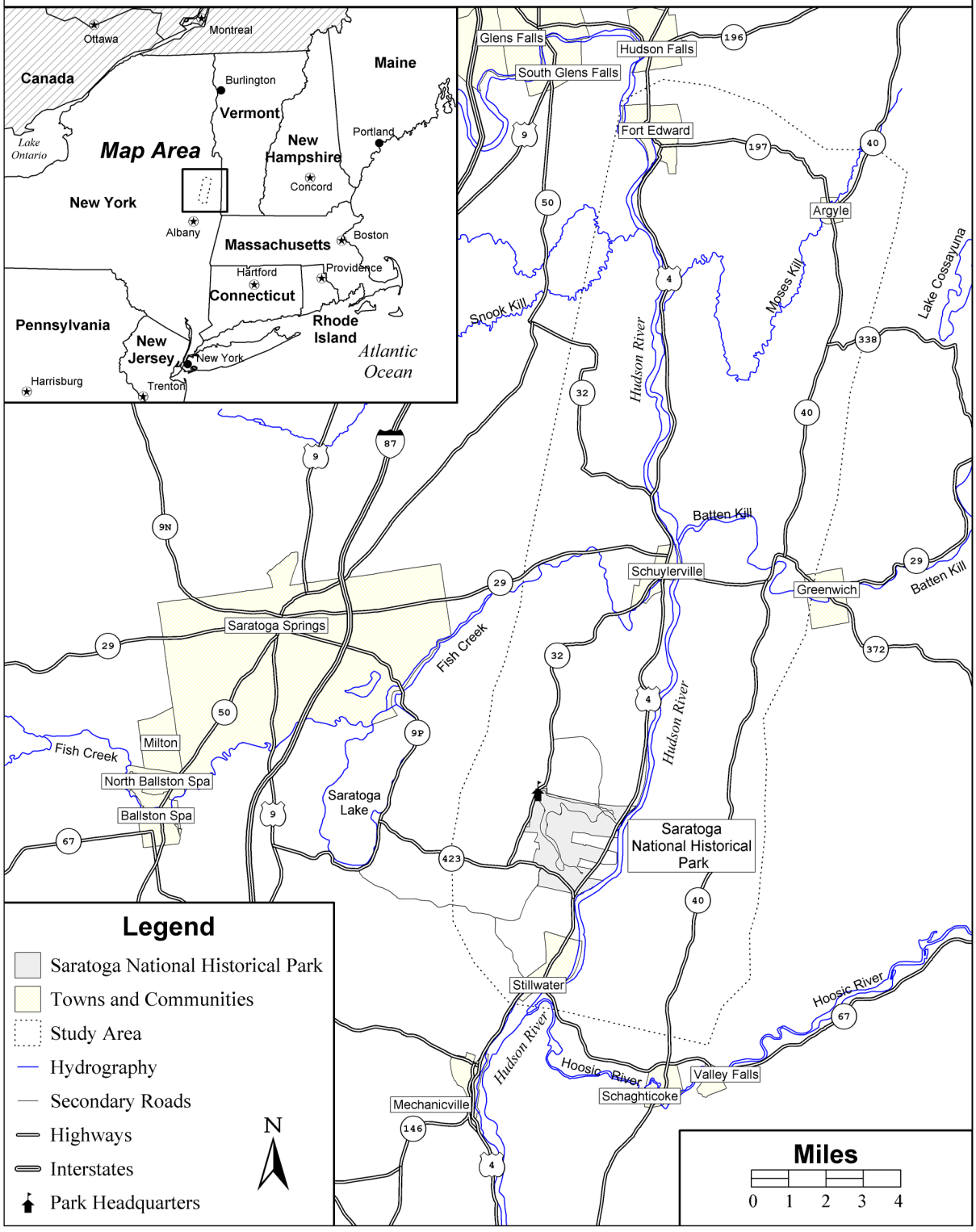
Seasonal Analysis Criteria:

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 15 years and observations in at least 4 of the 15 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.

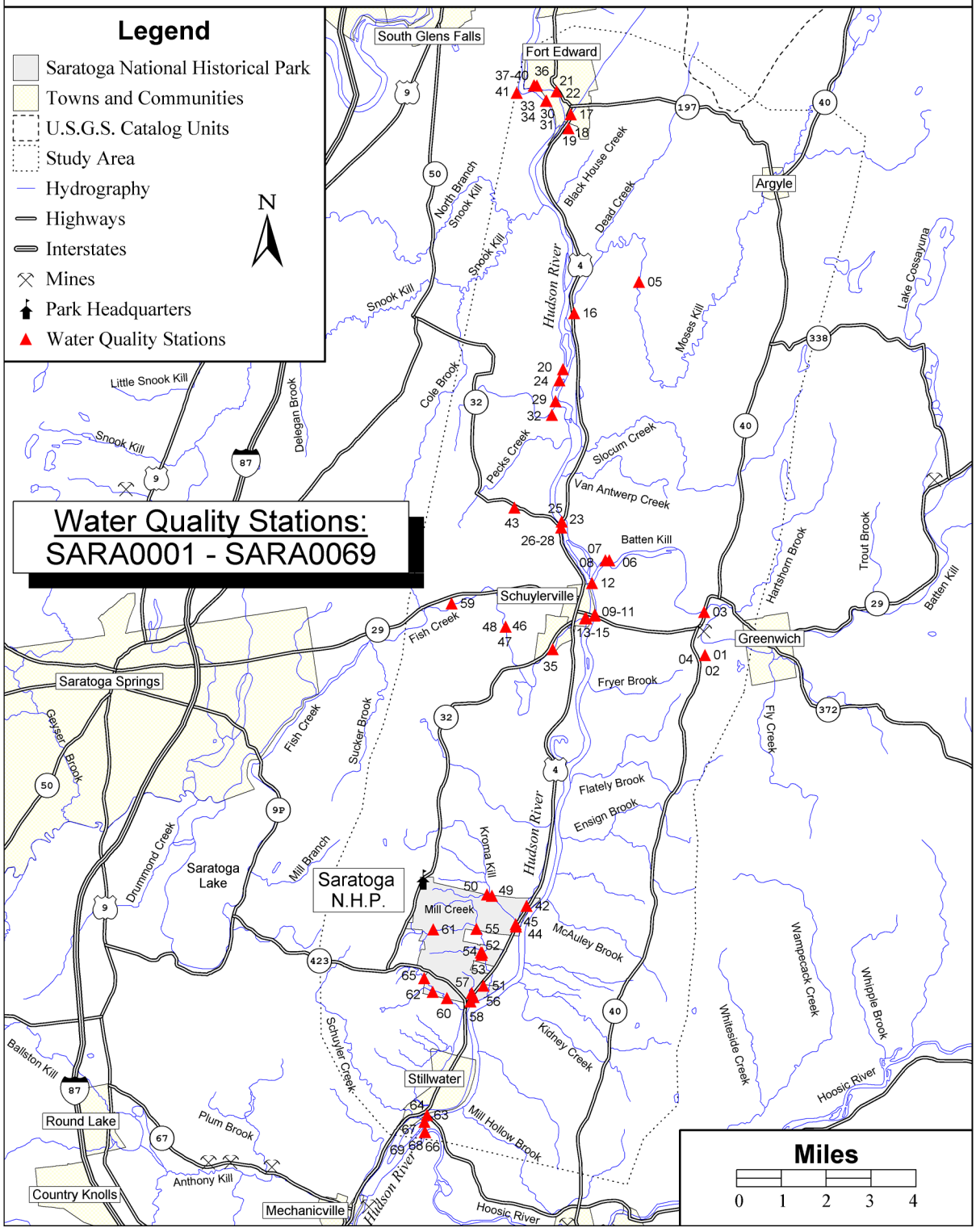
Saratoga National Historical Park

Regional Location Map



Saratoga National Historical Park

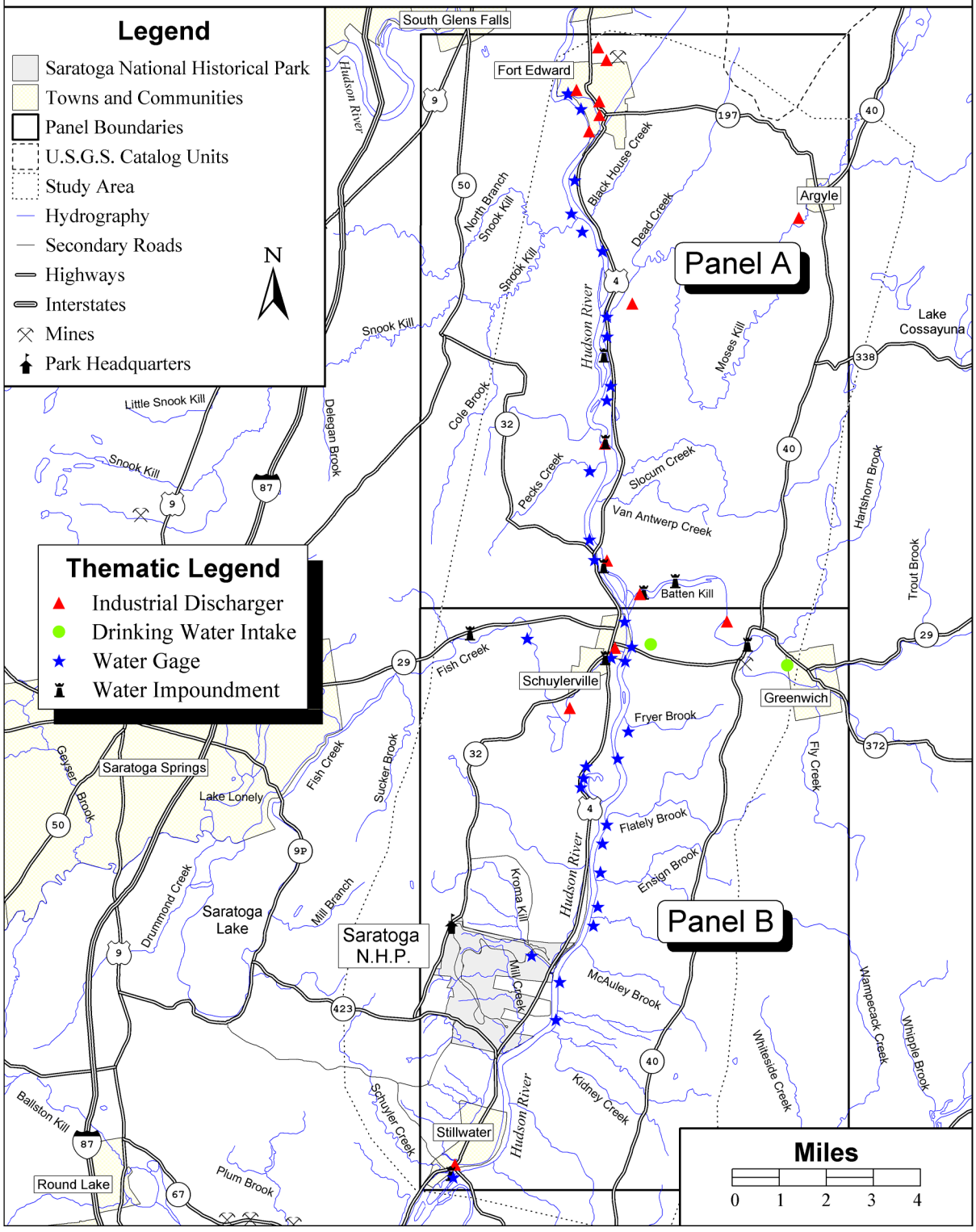
Water Quality Monitoring Locations



Saratoga National Historical Park

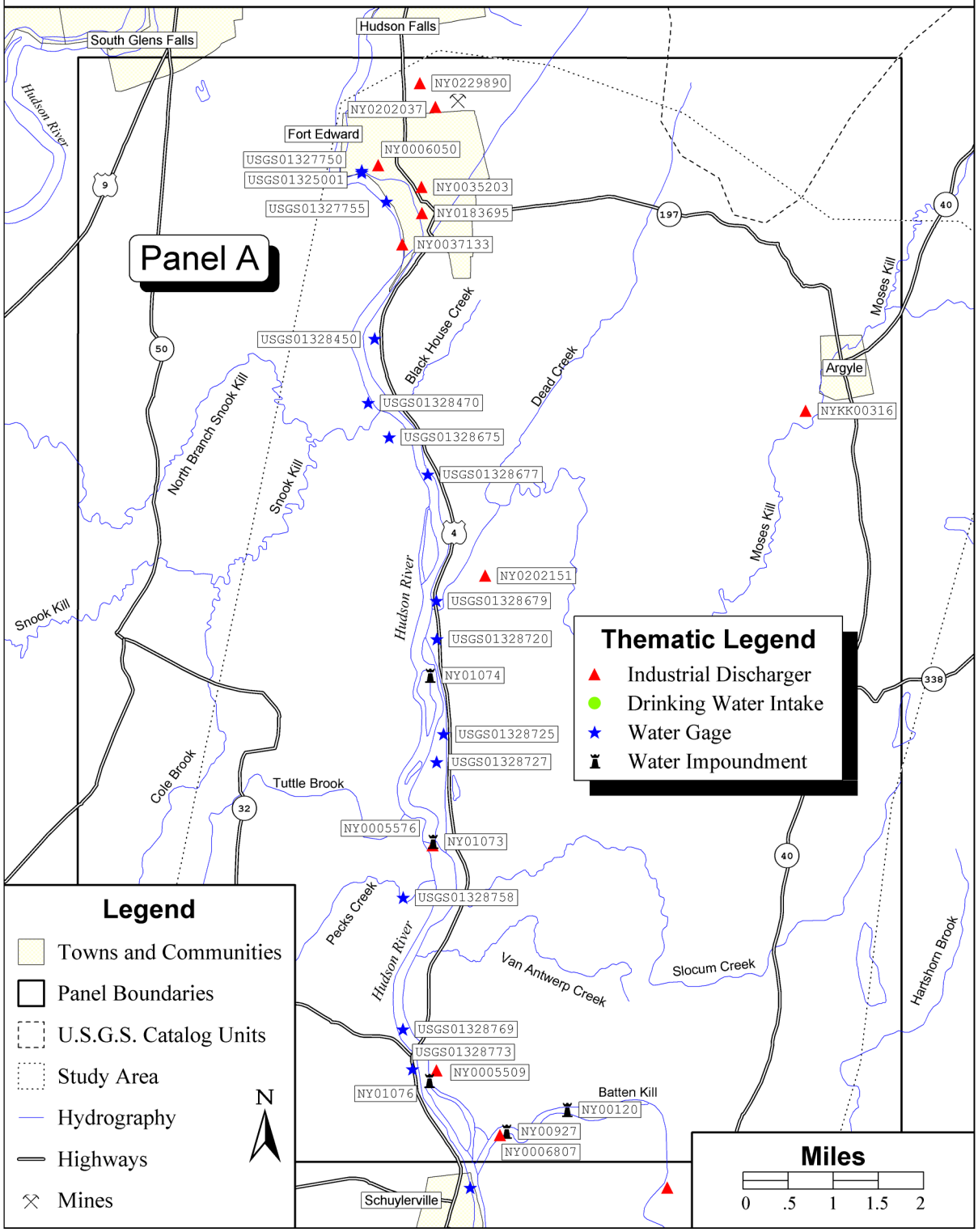
Dischargers, Drinking Intakes, Water Gages, & Water Impoundments

Graphic Panel Index



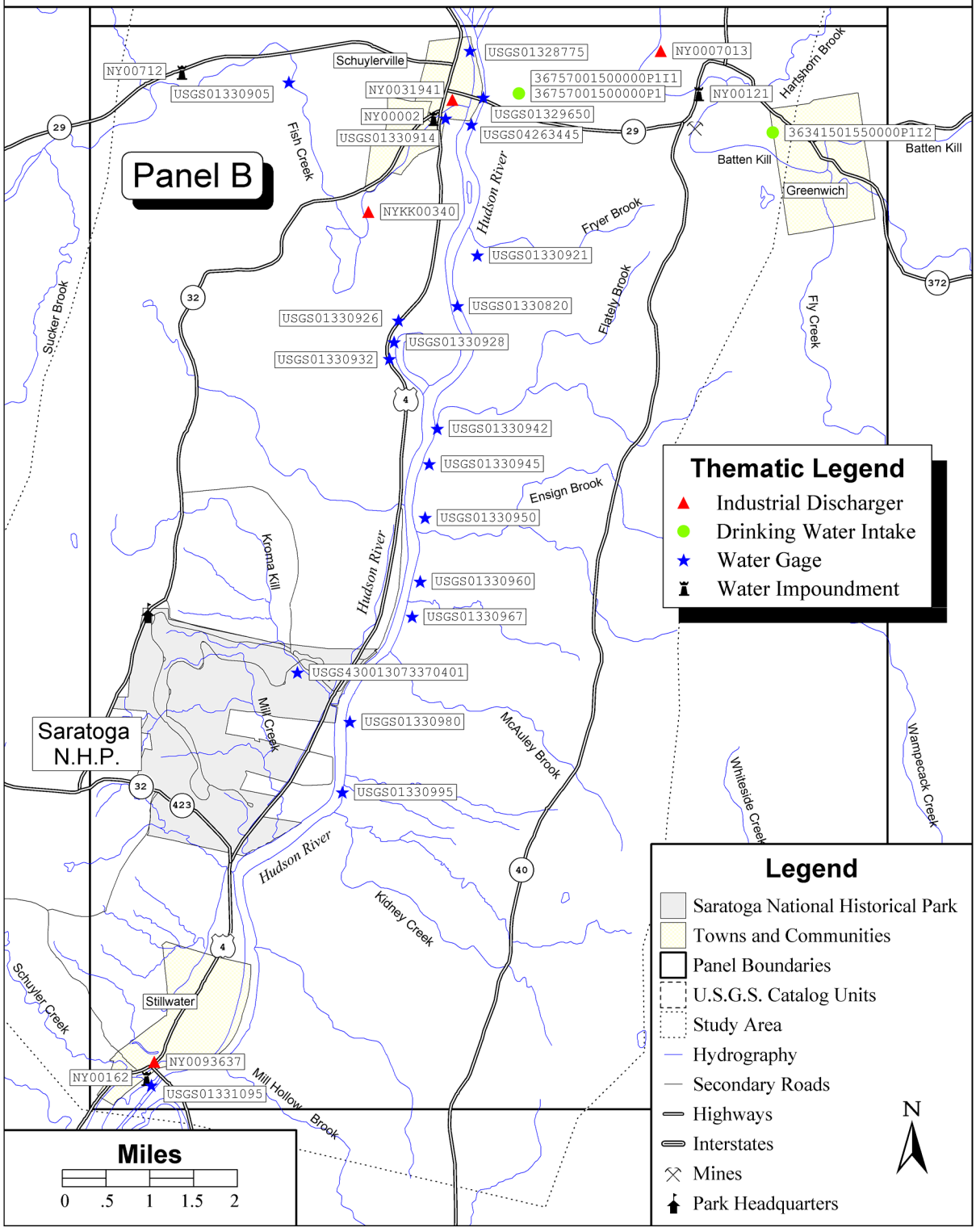
Saratoga National Historical Park

Dischargers, Drinking Intakes, Water Gages, & Water Impoundments



Saratoga National Historical Park

Dischargers, Drinking Intakes, Water Gages, & Water Impoundments



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

Industrial Facility Discharges

Site ID	Station/Facility Name	Address	City	Facility Receiving Water Name
NYKK00316	ARGYLE WTF			
NYKK00340	VICTORY WWTP			
NY0005509	GEORGIA PACIFIC CORP	THOMPSON PLANT	THOMPSON /T/	HUDSON R
NY0005576	FORT MILLER PULP & PAPER CO	FORT MILLER PULP & PAPER	WATERTOWN	HUDSON RIVER
NY0006050	SCOTT PAPER COMPANY	SCOTT PAPER COMPANY	FORT EDWARD	HUDSON R
NY0006807	HOLLINGSWORTH & VOSE EASTON ML	HOLLINGSWORTH & VOSE EAST	EASTON	BATTEN KILL
NY0007013	STEVENS & THOMPSON PAPER CO	STEVENS & THOMPSON PAPER	GREENWICH	BATTEN KILL
NY0031941	SCHUYLERVILLE (V) WWTP	SCHUYLERVILLE (V) WWTP	SCHUYLERVILLE	FISH CK
NY0035203	FORT EDWARD (V) SEWAGE TREATME	FORT EDWARD (V) SEWAGE TR	FT EDWARD	HUDSON RIVER & B
NY0037133	PULP RECYCLING	RT 197 & W RIVER RD	MOREAU /T/	HUDSON R
NY0093637	STILLWATER (V) STP	STILLWATER (V) STP	STILLWATER	HUDSON R
NY0183695	WASHINGTON CO SD# 2 WPCP	WASHINGTON CO SD# 2 WPCP	FORT EDWARD	HUDSON R
NY0202037	OLD FT EDWARD SITE REMED. PROJ	OLD FORT EDWARD SITE	FORT EDWARD	OLD CHAMPLAIN CANAL
NY0202151	G.E. CO. CAPACITOR PROD. DIV.	G.E. CO. CAPACITOR PROD.	HUDSON FALLS	MOSES KILL TR
NY0229890	BAKER RESIDENCE REM SITE	PO BOX 220	HUDSON FALLS	GW

Drinking Water Intakes

Site ID	Station/Facility Name	City	Population Served	Avg. Daily Production (Gal./Day)
36341501550000P1I2	WELLS	GREENWICH	1955	
36757001500000P1	CHLORINATOR	SCHUYLERVILLE	1256	0000.00
36757001500000P1I1	SPRING FED BROOK	SCHUYLERVILLE	1256	0000.00

Water Gages

Site ID	Station Name	Site Type	Drainage Area (Square Miles)	Begin Year	End Year
USGS01327750	HUDSON RIVER AT FORT EDWARD NY	Stream	2718.00	1977	1993
USGS01328450	HUDSON R TR NO 10 NR	Stream			
USGS01328470	HUDSON R TR NO 11 NR	Stream			
USGS01328675	SNOOK KILL NR FORT E	Stream			
USGS01328677	HUDSON R TR NO 12 NR	Stream			
USGS01328679	HUDSON R TR NO 13 NR	Stream			
USGS01328720	HUDSON R TR NO 14 NR	Stream			
USGS01328725	HUDSON R TR NO 15 NR	Stream			
USGS01328727	HUDSON R TR NO 16 NR	Stream			
USGS01328758	PECKS C AT FORT MILL	Stream	2.43		
USGS01328769	HUDSON R TR NO 17 AT	Stream			
USGS01328773	HUDSON R TR NO 18 AT	Stream			
USGS01328775	HUDSON R (CHAMPLAIN	Stream			
USGS01329650	HUDSON RIVER AT SCHUYLERVILLE NY	Stream	3440.00	1977	1979
USGS01330820	SPRING RUN AT GILBER	Stream			
USGS01330905	FISH C AT GRANDERVIL	Stream			
USGS01330914	FISH C AT US HIGHWAY	Stream			
USGS01330921	HUDSON R TR NO 21 AT	Stream			

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

Water Gages

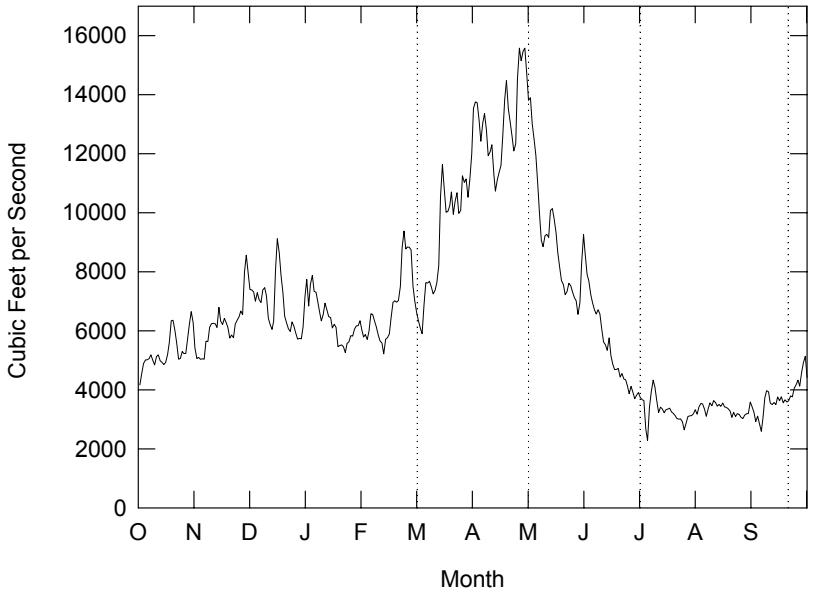
Site ID	Station Name	Site Type	Drainage Area (Square Miles)	Begin Year	End Year
USGS01330926	THE COVE TRIBUTARY A	Stream			
USGS01330928	THE COVE TRIBUTARY N	Stream			
USGS01330932	THE COVE TRIBUTARY N	Stream			
USGS01330942	HUDSON R TR NO 22 NR	Stream			
USGS01330945	HUDSON R TR NO 23 NR	Stream			
USGS01330950	HUDSON R TR NO 24 NR	Stream			
USGS01330960	HUDSON R TR NO 25 NR	Stream			
USGS01330967	HUDSON R TR NO 26 NR	Stream			
USGS01330980	KROMA KILL NR BEMIS	Stream			
USGS01330995	MILL C NR BEMIS HEIG	Stream			
USGS01331095	HUDSON RIVER AT STILLWATER NY	Stream	3773.00	1977	1993
USGS04263445	BIRCH C AT PIERCES C	Stream	1.56		
USGS01325001	DUMMY - HUDSON R BELOW SACANDAGA	Stream	2719.00	1931	1984
USGS01327755	HUDSON RIVER AT ROGERS ISLAND AT FORT EDWARD NY	Stream	2817.00		
USGS430013073370401	Local no., Sa-1072, National Pk, Stillwater NY	Well			

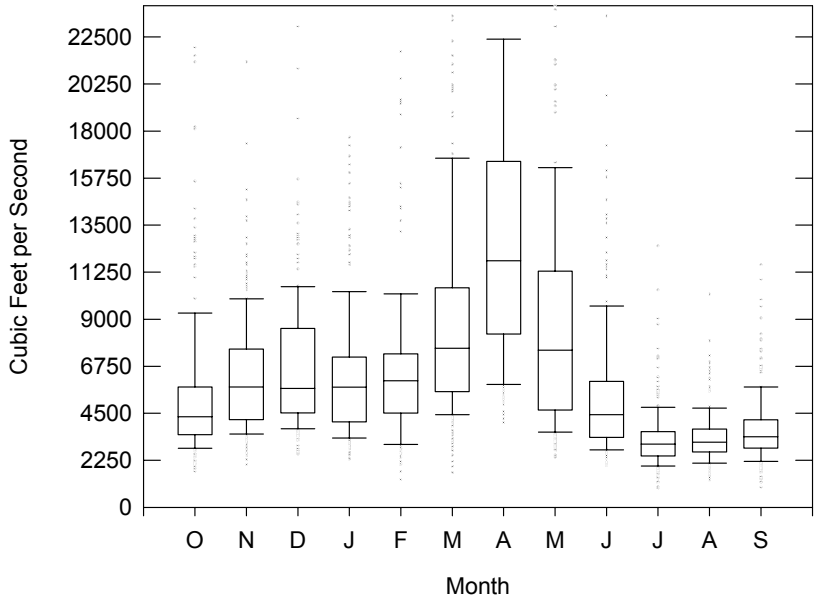
Water Impoundments

Site ID	Impoundment Name	Owner	Primary Purpose	Type of Dam	Downstream Hazard	Year Completed
NY00002	HORICON MILLS DAM	NIAGARA MOHAWK POWER COR	Hydro	Gravity	Significant	1918
NY00120	CLARKS MILLS DAM (UPPER)	HOLLINGSWORTH&VOSE CO	Rec.	Buttress	High	1904
NY00121	MIDDLE FALLS DAM	NIAGARA MOHAWK POWER COR	Hydro	Gravity	Low	1897
NY00162	STILLWATER DAM	CHARLES F DYER	Other	Gravity	Low	1955
NY00712	WINNIES REEF DAM	NIMO	Rec.	Gravity	Significant	1979
NY00927	CLARKS MILLS DAM (LOWER)	HOLLINGSWORTH & VOSE CO	Rec.	Gravity	Significant	1912
NY01073	FT MILLER PULP & PAPER CO DAM	FT MILLER PULP & PAPER C	Other	Gravity	Low	1882
NY01074	CROCKERS REEF DAM	NYS DOT	Navig.	Gravity	Low	1910
NY01076	NORTHUMBERLAND DAM	NYS DOT	Navig.	Gravity	Low	1870

REPRESENTATIVE MEAN ANNUAL HYDROGRAPH FOR SEASONAL ANALYSIS

SARATOGA NATIONAL HISTORIC PARK
Hudson River at Stillwater, NY
01331095, 11 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 Saratoga National Historical Park are: Sep.20 to Feb.28, Mar.1 to Apr.30, May 1 to Jun.30, and Jul.1 to Sep.19.

CONTACTS FOR AGENCY CODES RETRIEVED FOR SARA

AGENCY	PRIMARY CONTACT NAME	ORGANIZATION	PHONE NUMBER(S)	
112WRD	WILLIAMS, OWEN	US GEOLOGICAL SURVEY	(703)648-5610	
21NYDEC1	ESTABROOKS, FRANK	NEW YORK DEPT ENV CONSERV	(518)457-8819	
21NYDECA	MEYERS, JEFF	NY. DEPT OF ENV. CONS.	(518)457-8819	
11NPSWRD	TUCKER, DEAN	NATIONAL PARK SERVICE	(970)225-3516	(970)225-3518
21NYDEC2	SLOAN, RON	NEW YORK DEPT ENV CONSERV	(518)457-1769	
111TSILL	HOELMAN, LOUIS	USEPA HQ	(202)260-7050	
11BIOACC	KRONER, STEVE	U.S. EPA MDSD	(202)260-4761	
1111H030	JUTIS, BILL	USEPA REGION 2	(212)264-4753	

QUANTITY OF DATA RETRIEVED FOR SARA 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
112WRD	US GEOLOGICAL SURVEY	10/06/66-05/09/94	No Data in Park	14	0	9	0	0	0	31764	0	304	0
21NYDEC1	NEW YORK DEPT ENV CONSERV	04/23/64-11/12/86	No Data in Park	14	0	8	0	3	0	17805	0	175	0
21NYDECA	NY. DEPT OF ENV. CONS.	04/23/64-11/07/88	No Data in Park	13	0	7	0	3	0	20376	0	249	0
11NPSWRD	NATIONAL PARK SERVICE	04/30/87-08/17/90	04/30/87-08/17/90	17	16	8	8	0	0	1854	1740	11	11
21NYDEC2	NEW YORK DEPT ENV CONSERV	01/01/69-08/24/77	No Data in Park	7	0	0	0	1	0	538	0	27	0
111TSILL	USEPA HQ	02/26/76-02/26/76	No Data in Park	1	0	0	0	0	0	13	0	13	0
11BIOACC	U.S. EPA MDSD	06/09/87-07/21/87	No Data in Park	1	0	0	0	0	0	176	0	64	0
1111H030	USEPA REGION 2	08/19/68-08/19/68	No Data in Park	2	0	0	0	1	0	15	0	15	0
Totals		04/23/64-05/09/94	04/30/87-08/17/90	69	16	32	8	8	0	72541	1740	555	11

[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 04/23/64 To 05/09/94

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 05/09/94	01/01/75 to 12/31/84	Before 01/01/75
SARA0001[1]	BATTEN KILL IN MIDDLE FALLS NIMO FOREBAY	No	4068	254	1390	2424
SARA0002[1]	BATTEN KILL AT ROUTE 29 IN MIDDLE FALLS	No	645	254	391	0
SARA0003[1]	BATTEN KILL AT MIDDLE FALLS NY	No	2115	0	58	2057
SARA0004[1]	BATTENKILL CREEK	No	3454	0	876	2578
SARA0005	MOSES KILL NEAR FORT MILLER NY	No	24	0	0	24
SARA0006	BATTEN KILL AT CLARK'S MILL	No	34	0	34	0
SARA0007	BATTEN KILL AT CLARKS MILLS NR SCHUYLERVILLE NY	No	2	2	0	0
SARA0008	BATTEN KILL IN GREENWICH @ CLARK MILL DAM	No	0	0	0	0
SARA0009[1]	HUDSON RIVER AT SCHUYLERVILLE NY	No	4851	2177	2674	0
SARA0010	U.HUDSON R. IN SCHUYLERVILLE @ RT.29 BR.	No	1163	1163	0	0
SARA0011	HUDSON RIVER IN SCHUYLERVILLE AT ROUTE 29	No	0	0	0	0
SARA0012	BATTEN KILL	No	0	0	0	0
SARA0013[1]	FISH CR AT MOUTH AT SCHUYLERVILLE NY	No	795	0	117	678
SARA0014	FISH CR. IN SCHUYLERVILLE @ SCHUYLER.STP(BANK)	No	0	0	0	0
SARA0015	FISH CREEK	No	181	0	16	165
SARA0016	HUDSON RIVER 5 MILES BELOW FORT EDWARD	No	190	0	190	0
SARA0017	HUDSON RIVER AT FORT EDWARD BELOW G. E.	No	64	0	64	0
SARA0018	LAKE CHAMPLAIN-CHAMPLAIN CANAL	No	15	0	0	15
SARA0019	LAKE CHAMPLAIN-CHAMPLAIN CANAL	No	0	0	0	0
SARA0020	U.HUDSON R. IN NORTHUMBERLAND @ ABOVE THOMPSON	No	0	0	0	0
SARA0021[1]	U.HUDSON R. IN FT.EDWARD VILLAGE DOCK	No	1619	0	1271	348
SARA0022[1]	HUDSON RIVER	No	1520	0	1131	389
SARA0023	HUDSON RIVER @ ROUTE 4 BRIDGE IN THOMSON	No	524	524	0	0
SARA0024	HUDSON RIVER AT THOMPSON ISLAND	No	181	0	181	0
SARA0025[1]	U.HUDSON R. IN THOMSON RT.4 BR.	No	2783	904	1612	267
SARA0026	THOMSON	No	13	0	13	0
SARA0027[1]	HUDSON RIVER	No	2307	380	1591	336
SARA0028[1]	HUDSON RIVER AT THOMSON NY	No	1069	2	135	932
SARA0029[1]	HUDSON RIVER NEAR FORT MILLER NY	No	555	555	0	0
SARA0030[1]	U.HUDSON R. IN FT.EDWARD RT.197 BR.(W.CHANNEL)	No	1894	460	192	1242
SARA0031[1]	HUDSON RIVER AT ROGERS ISLAND AT FORT EDWARD NY	No	7278	3380	3898	0
SARA0032	TUTTLE BROOK NEAR SCHUYLERVILLE NY	No	24	0	0	24
SARA0033	HUDSON RIVER IN FT. EDWARD AT ROUTE 197	No	0	0	0	0
SARA0034[1]	HUDSON RIVER	No	1294	0	0	1294
SARA0035	FISH CREEK AT VICTORY MILLS NY	No	2	2	0	0
SARA0036	U.HUDSON R. IN FT.EDWARD @ PAPER MILL INTAKE	No	48	0	0	48
SARA0037[1]	HUDSON RIVER AT FORT EDWARD, NY	No	4547	0	199	4348
SARA0038[1]	HUDSON RIVER	No	2943	0	0	2943
SARA0039[1]	U.HUDSON R. IN FT.EDWARD NIMO WTP INTAKE	No	2737	0	0	2737
SARA0040	HUDSON RIVER	No	56	0	0	56
SARA0041	HUDSON RIVER AT FORT EDWARD	No	38	0	38	0
SARA0042	CHAMPLAIN CANAL AND DUCK POND	Yes	3	3	0	0
SARA0043	HUDSON RIVER @ FT. MILLER	No	176	176	0	0
SARA0044	KROMA KILL AND ROUTE 4 CULVERT	Yes	1	1	0	0
SARA0045[1]	LOWER KROMA KILL ALONG ROUTE 4	Yes	160	160	0	0
SARA0046	FISH CREEK NEAR GRANGERVILLE NY	No	1032	1032	0	0
SARA0047	FISH CR. IN SARATOGA @ BRGYNE.RD.(BRYANTS)BR.	No	1123	1123	0	0
SARA0048	FISH CREEK IN SARATOGA AT BURGOYNE ROAD	No	0	0	0	0
SARA0049[1]	UPPER KROMA KILL AT CULVERT	Yes	189	189	0	0
SARA0050[1]	TRIBUTARY TO UPPER KROMA KILL	Yes	165	165	0	0
SARA0051	VYLE POND-RIVER BACKWATER AREA	Yes	1	1	0	0
SARA0052	LOWER MILL CREEK	Yes	147	147	0	0
SARA0053[1]	LOWER MILL CREEK/ROBBIE'S DITCH	Yes	156	156	0	0
SARA0054[1]	ROBBIE'S DITCH	Yes	167	167	0	0
SARA0055[1]	MILL CREEK BEHIND STOP 8	Yes	173	173	0	0
SARA0056	AMERICAN'S CREEK-ROUTE 4 CULVERT	Yes	1	1	0	0
SARA0057[1]	AMERICAN'S CREEK AT ROUTE 4	Yes	173	173	0	0
SARA0058	VYLE POND-ROUTE 4	Yes	2	2	0	0
SARA0059	SARATOGA LAKE	No	31	0	0	31
SARA0060	LOWER DEVIL'S HOLLOW	Yes	132	132	0	0
SARA0061[1]	MILL CREEK NEAR MURPHY MONUMENT	Yes	162	162	0	0
SARA0062	UPPER DEVIL'S HOLLOW	Yes	108	108	0	0
SARA0063[1]	U.HUDSON R. IN STILLWATER RT.67 BR.	No	3821	390	1929	1502
SARA0064[1]	HUDSON RIVER	No	3823	390	1773	1660
SARA0065	CULVERT ON BILL SMITH ROAD	No	114	114	0	0
SARA0066[1]	HOOSIC RIVER NEAR STILLWATER NY	No	655	0	60	595
SARA0067[1]	HUDSON RIVER AT STILLWATER NY	No	8815	2142	4074	2599
SARA0068[1]	HOOSIC R. IN SCHAGHTICOKE LOCK 4	No	1120	0	977	143
SARA0069[1]	HOOSIC RIVER	No	1058	0	877	181

[1]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 04/23/64 To 05/09/94

Parameter Code	Name	Total Obs	01/01/85 to 05/09/94	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
00001	X-SEC. LOC., HORIZ (FT. FROM R BANK LOOK UPSTR.)	3	0	3	0	1	0
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	400	8	193	199	20	0
00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	444	0	132	312	16	0
00009	X-SEC. LOC.(FT FROM LEFT BANK LOOKING DOWNSTRM)	4	4	0	0	1	0
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	1774	535	451	788	41	11
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	1184	392	440	352	29	11
00023	SAMPLE WEIGHT IN POUNDS	7	0	4	3	2	0
00024	SAMPLE LENGTH IN INCHES	10	0	10	0	2	0
00025	BAROMETRIC PRESSURE (MM OF HG)	29	29	0	0	5	0
00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	1182	777	404	1	10	0
00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	1578	777	797	4	16	0
00032	CLOUD COVER (PERCENT)	820	72	422	326	13	0
00041	WEATHER (WMO CODE 4501)	831	72	444	315	13	0
00060	FLOW, STREAM, MEAN DAILY CFS	36	10	0	26	5	0
00061	FLOW, STREAM, INSTANTANEOUS CFS	1464	450	880	134	14	0
00065	STAGE, STREAM (FEET)	89	6	82	1	4	0
00070	TURBIDITY, (JACKSON CANDLE UNITS)	911	0	136	775	23	0
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	488	108	380	0	13	0
00077	TRANSPARENCY, SECCHI DISC (INCHES)	1	0	0	1	1	0
00080	COLOR (PLATINUM-COBALT UNITS)	416	0	24	392	14	0
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	119	0	0	119	7	0
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	336	336	0	0	14	11
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	1902	161	934	807	28	0
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	207	207	0	0	12	11
00300	OXYGEN, DISSOLVED MG/L	1402	157	429	816	25	0
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	1	0	1	0	1	0
00303	BOD, 1DAY, 20 DEG C MG/L	430	0	430	0	11	0
00305	BOD, 3 DAY, 20 DEG C MG/L	224	0	224	0	11	0
00310	BOD, 5 DAY, 20 DEG C MG/L	967	58	448	461	17	0
00312	BOD, 6 DAY, 20 DEG C MG/L	1	0	1	0	1	0
00315	BOD, 7 DAY, 20 DEG C MG/L	724	18	438	268	13	0
00335	COD, .025N K2CR2O7 MG/L	1174	44	340	790	20	0
00340	COD, .25N K2CR2O7 MG/L	227	0	227	0	10	0
00400	PH (STANDARD UNITS)	1732	196	518	1018	32	0
00403	PH, LAB, STANDARD UNITS SU	327	322	5	0	19	11
00405	CARBON DIOXIDE (MG/L AS CO2)	121	0	1	120	7	0
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	783	32	438	313	21	0
00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	3	3	0	0	2	0
00420	ALKALINITY, HYDROXIDE (MG/L AS CACO3)	152	0	0	152	6	0
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	486	0	92	394	14	0
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	152	0	0	152	6	0
00436	ACIDITY, MINERAL (METHYL ORANGE) (MG/L AS CACO3)	10	0	10	0	10	0
00440	BICARBONATE ION (MG/L AS HCO3)	339	0	27	312	9	0
00445	CARBONATE ION (MG/L AS CO3)	290	0	1	289	9	0
00480	SALINITY - PARTS PER THOUSAND	340	340	0	0	14	13
00496	LOSS ON IGNITION, BOTTOM DEPOSITS (MG/KG)	9	8	1	0	5	0
00500	RESIDUE, TOTAL (MG/L)	816	76	27	713	21	0
00505	RESIDUE, TOTAL VOLATILE (MG/L)	180	76	0	104	9	0
00510	RESIDUE, TOTAL FIXED (MG/L)	807	76	24	707	23	0
00525	RESIDUE, FIXED FILTRABLE (MG/L)	82	0	0	82	4	0
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	1725	107	918	700	24	0
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	880	97	783	0	15	0
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	1301	72	730	499	22	0
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	52	0	52	0	2	0
00600	NITROGEN, TOTAL (MG/L AS N)	311	0	172	139	8	0
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	898	0	107	791	19	0
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	120	0	0	120	6	0
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	1298	148	581	569	25	0
00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	1	0	1	0	1	0
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	120	0	0	120	6	0
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	1176	148	473	555	25	0
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	120	0	0	120	6	0
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	718	5	141	572	27	4
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	692	102	497	93	23	0
00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	1	0	1	0	1	0
00629	NITROGEN, ORGANIC KJELDAHL, TOTAL (MG/L AS N)	4	0	4	0	4	0
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	813	148	588	77	22	0
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	24	0	0	24	6	0
00633	NITRITE PLUS NITRATE,BOT. DEPOS. (MG/KG-N DRY WT)	1	0	1	0	1	0
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	177	0	114	63	14	0
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	557	0	0	557	14	0

Parameter Period of Record Tabulation
From 04/23/64 To 05/09/94

Parameter Code	Name	Total Obs	01/01/85 to 05/09/94	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
00665	PHOSPHORUS, TOTAL (MG/L AS P)	443	38	172	233	9	0
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	1	0	1	0	1	0
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	754	148	490	116	22	0
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	50	0	23	27	7	0
00686	CARBON, INORGANIC, IN BED MATERIAL (GM/KG AS C)	1	0	1	0	1	0
00687	CARBON, ORGANIC, IN BED MATERIAL (GM/KG AS C)	1	0	1	0	1	0
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	23	0	3	20	1	0
00721	CYANIDE IN BOTTOM DEPOSITS (MG/KG AS CN DRY WGT)	1	0	1	0	1	0
00900	HARDNESS, TOTAL (MG/L AS CACO3)	905	90	7	808	28	0
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	271	0	3	268	9	0
00915	CALCIUM, DISSOLVED (MG/L AS CA)	554	37	3	514	16	0
00916	CALCIUM, TOTAL (MG/L AS CA)	351	41	21	289	18	0
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	550	37	3	510	16	0
00927	MAGNESIUM, TOTAL (MG/L AS MG)	350	41	24	285	18	0
00929	SODIUM, TOTAL (MG/L AS NA)	331	18	24	289	13	0
00930	SODIUM, DISSOLVED (MG/L AS NA)	535	18	3	514	16	0
00931	SODIUM ADSORPTION RATIO	251	18	3	230	11	0
00932	SODIUM, PERCENT	251	18	3	230	11	0
00935	POTASSIUM, DISSOLVED (MG/L AS K)	535	18	3	514	16	0
00937	POTASSIUM, TOTAL MG/L AS K)	331	18	24	289	13	0
00940	CHLORIDE,TOTAL IN WATER MG/L	1025	68	400	557	26	0
00941	CHLORIDE, DISSOLVED IN WATER MG/L	430	0	185	245	7	0
00945	SULFATE, TOTAL (MG/L AS SO4)	864	36	30	798	23	0
00950	FLUORIDE, DISSOLVED (MG/L AS F)	286	18	0	268	10	0
00951	FLUORIDE, TOTAL (MG/L AS F)	289	18	0	271	16	0
00955	SILICA, DISSOLVED (MG/L AS SI02)	279	0	0	279	8	0
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	33	18	15	0	3	0
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	46	46	0	0	3	0
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	33	18	15	0	3	0
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	30	18	12	0	3	0
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	33	18	15	0	3	0
01000	ARSENIC, DISSOLVED (UG/L AS AS)	16	0	3	13	6	0
01002	ARSENIC, TOTAL (UG/L AS AS)	87	18	21	48	11	0
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	1	0	1	0	1	0
01012	BERYLLIUM, TOTAL (UG/L AS BE)	54	43	11	0	4	0
01025	CADMIUM, DISSOLVED (UG/L AS CD)	30	26	3	1	8	0
01027	CADMIUM, TOTAL (UG/L AS CD)	109	81	15	13	7	0
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	9	8	1	0	5	0
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	5	4	1	0	5	0
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	13	0	0	13	1	0
01034	CHROMIUM, TOTAL (UG/L AS CR)	70	43	14	13	5	0
01035	COBALT, DISSOLVED (UG/L AS CO)	1	0	0	1	1	0
01040	COPPER, DISSOLVED (UG/L AS CU)	30	26	3	1	8	0
01042	COPPER, TOTAL (UG/L AS CU)	161	81	21	59	12	0
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	9	8	1	0	5	0
01045	IRON, TOTAL (UG/L AS FE)	901	63	270	568	18	0
01046	IRON, DISSOLVED (UG/L AS FE)	20	16	3	1	7	0
01049	LEAD, DISSOLVED (UG/L AS PB)	31	26	3	2	9	0
01051	LEAD, TOTAL (UG/L AS PB)	379	86	239	54	17	5
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	9	8	1	0	5	0
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	9	8	1	0	5	0
01055	MANGANESE, TOTAL (UG/L AS MN)	926	63	270	593	19	0
01056	MANGANESE, DISSOLVED (UG/L AS MN)	20	16	3	1	7	0
01059	THALLIUM, TOTAL (UG/L AS TL)	27	18	9	0	2	0
01065	NICKEL, DISSOLVED (UG/L AS NI)	26	26	0	0	6	0
01067	NICKEL, TOTAL (UG/L AS NI)	94	81	13	0	8	0
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	8	8	0	0	4	0
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	79	64	15	0	6	0
01077	SILVER, TOTAL (UG/L AS AG)	56	43	13	0	5	0
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	35	18	17	0	4	0
01090	ZINC, DISSOLVED (UG/L AS ZN)	30	26	3	1	8	0
01092	ZINC, TOTAL (UG/L AS ZN)	115	81	19	15	8	0
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	9	8	1	0	5	0
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	81	64	17	0	6	0
01097	ANTIMONY, TOTAL (UG/L AS SB)	27	18	9	0	2	0
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	26	26	0	0	3	0
01105	ALUMINUM, TOTAL (UG/L AS AL)	43	43	0	0	3	0
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	16	16	0	0	4	0
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	4	4	0	0	4	0
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	79	64	15	0	6	0
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	79	64	15	0	6	0

Parameter Period of Record Tabulation
From 04/23/64 To 05/09/94

Parameter Code	Name	Total Obs	01/01/85 to 05/09/94	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	33	18	15	0	3	0
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	79	64	15	0	6	0
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	46	46	0	0	3	0
01147	SELENIUM, TOTAL (UG/L AS SE)	30	18	12	0	3	0
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	1	0	1	0	1	0
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	9	8	1	0	5	0
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	33	18	15	0	3	0
03789	PCB-1016/1242, WET WEIGHT, BOTTOM SEDIMENT MG/KG	4	4	0	0	2	0
03790	MIREX, WET WEIGHT, BOTTOM SEDIMENT MG/KG	4	4	0	0	2	0
03791	ATRAZINE, WET WEIGHT, BOTTOM SEDIMENT MG/KG	2	2	0	0	2	0
03794	CHLORPYRIFOS(DURSBAN),WET WEIGHT,BOTTOM SED MG/KG	2	2	0	0	2	0
03799	ISOFENPHOS(OFTANOL),WET WEIGHT,BOTTOM SED MG/KG	2	2	0	0	2	0
03802	METOLACHLOR(DUAL),WET WEIGHT,BOTTOM SEDIMENT MG/KG	2	2	0	0	2	0
03803	PHOSALONE(ZOLONE),WET WEIGHT,BOTTOM SEDIMENT MG/KG	2	2	0	0	2	0
03804	PROMETON(PRAMITOL),WET WEIGHT,BOTTOM SED MG/KG	2	2	0	0	2	0
03805	TRIAZOPHOS, WET WEIGHT, BOTTOM SEDIMENT MG/KG	2	2	0	0	2	0
03806	TRIFLURALIN(TREFLAN),WET WEIGHT,BOTTOM SED MG/KG	2	2	0	0	2	0
04231	INVALID PARAMETER	2	2	0	0	2	0
04232	INVALID PARAMETER	2	2	0	0	2	0
04233	INVALID PARAMETER	2	2	0	0	2	0
04234	INVALID PARAMETER	2	2	0	0	2	0
04235	INVALID PARAMETER	2	2	0	0	2	0
04236	INVALID PARAMETER	2	2	0	0	2	0
04237	INVALID PARAMETER	2	2	0	0	2	0
04238	INVALID PARAMETER	2	2	0	0	2	0
22415	ALACHLOR, SEDIMENT, WET WEIGHT UG/KG	2	2	0	0	2	0
30344	PENTACHLORODIBENZO-P-DIOXIN,12378,FISH,WET WT,PG/G	2	2	0	0	1	0
30345	HEXACHLORODIBENZO-P-DIOXIN,123478,FISH,WET WT,PG/G	2	2	0	0	1	0
30346	HEXACHLORODIBENZO-P-DIOXIN,123678,FISH,WET WT,PG/G	2	2	0	0	1	0
30347	HEXACHLORODIBENZO-P-DIOXIN,123789,FISH,WET WT,PG/G	2	2	0	0	1	0
30348	HEPTACHLORODIBENZO-P-DIOXIN,1234678,TIS,WETWT,PG/G	2	2	0	0	1	0
30349	TETRACHLORODIBENZOFURAN, 2378- , FISH,WET WT.,PG/G	2	2	0	0	1	0
30350	PENTACHLORODIBENZOFURAN,12378- , FISH,WET WT.,PG/G	2	2	0	0	1	0
30351	PENTACHLORODIBENZOFURAN,23478- , FISH,WET WT.,PG/G	2	2	0	0	1	0
30352	HEXACHLORODIBENZOFURAN,123478- , FISH,WET WT.,PG/G	2	2	0	0	1	0
30353	HEXACHLORODIBENZOFURAN,123678- , FISH,WET WT.,PG/G	2	2	0	0	1	0
30354	HEXACHLORODIBENZOFURAN,123789- , FISH,WET WT.,PG/G	2	2	0	0	1	0
30355	HEXACHLORODIBENZOFURAN,234678- , FISH,WET WT.,PG/G	2	2	0	0	1	0
30356	HEPTACHLORODIBENZOFURAN,1234678- ,FISH,WET WT,PG/G	2	2	0	0	1	0
30357	HEPTACHLORODIBENZOFURAN,1234789- ,FISH,WET WT,PG/G	2	2	0	0	1	0
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	1190	110	567	513	20	0
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	213	0	0	213	4	0
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	39	0	0	39	5	0
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	39	0	0	39	5	0
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	789	108	530	151	17	0
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	239	45	34	160	13	4
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	133	0	0	133	6	0
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	134	0	0	134	7	0
31748	STD PLATE COUNT,PLATE COUNT AGAR, 35 C 48 HRS	1	0	1	0	1	0
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	269	0	0	269	13	0
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	123	109	14	0	10	0
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	123	109	14	0	10	0
32104	BROMOFORM,WHOLE WATER,UG/L	124	110	14	0	10	0
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	123	109	14	0	10	0
32106	CHLOROFORM,WHOLE WATER,UG/L	124	109	15	0	11	0
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	754	61	320	373	11	0
34100	NITROGLYCERIN+ETHYLENE GLYCOL DINITRATE IR MG/L	1	0	1	0	1	0
34200	ACENAPHTHYLENE TOTWUG/L	2	0	2	0	2	0
34205	ACENAPHTHENE TOTWUG/L	2	0	2	0	2	0
34220	ANTHRACENE TOTWUG/L	2	0	2	0	2	0
34247	BENZO-A-PYRENE TOTWUG/L	2	0	2	0	2	0
34257	B-BHC-BETA DRY WGTBOTUG/KG	2	2	0	0	2	0
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	2	0	2	0	2	0
34262	DELTA BENZENE HEXACHLORIDE DRY WGTBOTUG/KG	2	2	0	0	2	0
34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	2	0	2	0	2	0
34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	2	0	2	0	2	0
34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	2	0	2	0	2	0
34301	CHLOROBENZENE TOTWUG/L	123	109	14	0	10	0
34311	CHLOROETHANE TOTWUG/L	123	109	14	0	10	0
34320	CHRYSENE TOTWUG/L	2	0	2	0	2	0
34336	DIETHYL PHTHALATE TOTWUG/L	2	0	2	0	2	0

Parameter Period of Record Tabulation
From 04/23/64 To 05/09/94

Parameter Code	Name	Total Obs	01/01/85 to 05/09/94	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
34341	DIMETHYL PHTHALATE TOTWUG/L	2	0	2	0	2	0
34346	1,2-DIPHENYLHYDRAZINE TOTWUG/L	2	0	2	0	2	0
34351	ENDOSULFAN SULFATE TOTWUG/L	2	0	2	0	2	0
34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	2	2	0	0	2	0
34356	ENDOSULFAN, BETA TOTWUG/L	2	0	2	0	2	0
34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	2	2	0	0	2	0
34361	ENDOSULFAN, ALPHA TOTWUG/L	2	0	2	0	2	0
34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	2	2	0	0	2	0
34366	ENDRIN ALDEHYDE TOTWUG/L	2	0	2	0	2	0
34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	2	2	0	0	2	0
34376	FLUORANTHENE TOTWUG/L	2	0	2	0	2	0
34381	FLUORENE TOTWUG/L	2	0	2	0	2	0
34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	2	0	2	0	2	0
34391	HEXACHLOROBUTADIENE TOTWUG/L	1	0	1	0	1	0
34392	HEXACHLOROBUTADIENE DISSUG/L	1	0	1	0	1	0
34395	HEXACHLOROBUTADIENE WET WGTTISMG/KG	3	3	0	0	1	0
34396	HEXACHLOROETHANE TOTWUG/L	2	0	2	0	2	0
34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	2	0	2	0	2	0
34408	ISOPHORONE TOTWUG/L	2	0	2	0	2	0
34413	METHYL BROMIDE TOTWUG/L	123	109	14	0	10	0
34418	METHYL CHLORIDE TOTWUG/L	123	109	14	0	10	0
34423	METHYLENE CHLORIDE TOTWUG/L	127	109	18	0	10	0
34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	2	0	2	0	2	0
34433	N-NITROSODIPHENYLAMINE TOTWUG/L	2	0	2	0	2	0
34447	NITROBENZENE TOTWUG/L	2	0	2	0	2	0
34452	PARACHLOROMETA CRESOL TOTWUG/L	2	0	2	0	2	0
34459	PCP (PENTACHLOROPHENOL) DISSUG/L	2	0	2	0	2	0
34461	PHENANTHRENE TOTWUG/L	2	0	2	0	2	0
34469	PYRENE TOTWUG/L	2	0	2	0	2	0
34475	TETRACHLOROETHYLENE TOTWUG/L	123	109	14	0	10	0
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	79	65	14	0	7	0
34496	1,1-DICHLOROETHANE TOTWUG/L	123	109	14	0	10	0
34501	1,1-DICHLOROETHYLENE TOTWUG/L	123	109	14	0	10	0
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	123	109	14	0	10	0
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	123	109	14	0	10	0
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	123	109	14	0	10	0
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	2	0	2	0	2	0
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	2	0	2	0	2	0
34531	1,2-DICHLOROETHANE TOTWUG/L	123	109	14	0	10	0
34536	1,2-DICHLOROBENZENE TOTWUG/L	125	109	16	0	10	0
34541	1,2-DICHLOROPROPANE TOTWUG/L	123	109	14	0	10	0
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	123	109	14	0	10	0
34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	2	0	2	0	2	0
34555	1,2,4-TRICHLOROBENZENE WET WGTTISMG/KG	3	3	0	0	1	0
34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	2	0	2	0	2	0
34566	1,3-DICHLOROBENZENE TOTWUG/L	125	109	16	0	10	0
34571	1,4-DICHLOROBENZENE TOTWUG/L	125	109	16	0	10	0
34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	123	109	14	0	10	0
34581	2-CHLORONAPHTHALENE TOTWUG/L	2	0	2	0	2	0
34586	2-CHLOROPHENOL TOTWUG/L	2	0	2	0	2	0
34591	2-NITROPHENOL TOTWUG/L	2	0	2	0	2	0
34596	DI-N-OCTYL PHTHALATE TOTWUG/L	2	0	2	0	2	0
34601	2,4-DICHLOROPHENOL TOTWUG/L	2	0	2	0	2	0
34606	2,4-DIMETHYLPHENOL TOTWUG/L	2	0	2	0	2	0
34611	2,4-DINITROTOLUENE TOTWUG/L	2	0	2	0	2	0
34616	2,4-DINITROPHENOL TOTWUG/L	2	0	2	0	2	0
34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	2	0	2	0	2	0
34626	2,6-DINITROTOLUENE TOTWUG/L	2	0	2	0	2	0
34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	2	0	2	0	2	0
34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	2	0	2	0	2	0
34646	4-NITROPHENOL TOTWUG/L	2	0	2	0	2	0
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	2	0	2	0	2	0
34664	PCB - 1221 WET WGTTISMG/KG	15	0	15	0	1	0
34668	DICHLORODIFUOROMETHANE TOTWUG/L	85	73	12	0	7	0
34671	PCB - 1016 TOTWUG/L	482	474	8	0	5	0
34685	ENDRIN WET WGTTISMG/KG	3	3	0	0	1	0
34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	3	3	0	0	1	0
34687	HEPTACHLOR WET WGTTISMG/KG	4	3	0	1	2	0
34688	HEXACHLOROBENZENE WET WGTTISMG/KG	3	3	0	0	1	0
34690	PCB - 1254 WET WGTTISMG/KG	45	0	45	0	5	0
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	11	9	2	0	3	0

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Parameter Code	Name	Total Obs	01/01/85 to 05/09/94	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
34696	NAPHTHALENE TOTWUG/L	2	0	2	0	2	0
34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	123	109	14	0	10	0
34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	123	109	14	0	10	0
34754	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN TISWETWTPG/G	2	2	0	0	1	0
34790	SURFACTANTS, AS CTAS, WATER MG/L	1	1	0	0	1	0
34795	ANTIMONY, BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
34800	ARSENIC, BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
34810	BERYLLIUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
34816	BISMUTH,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
34825	CADMIUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
34830	CALCIUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
34835	CERIUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
34840	COBALT,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
34845	CHROMIUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
34850	COPPER,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
34855	EUROPIUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
34860	GALLIUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
34870	GOLD,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
34875	HOLMIUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
34880	IRON,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
34885	LANTHANUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
34890	LEAD,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
34895	LITHIUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
34900	MAGNESIUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
34905	MANGANESE,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
34910	MERCURY,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
34915	MOLYBDENUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
34920	NEODYMIUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
34925	NICKEL,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
34930	NIOBIUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
34935	PHOSPHORUS,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
34940	POTASSIUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
34945	SCANDIUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
34950	SELENIUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
34955	SILVER,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
34960	SODIUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
34965	STRONTIUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
34970	SULFUR,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
34975	TANTALUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
34980	THORIUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
34985	TIN,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
35000	URANIUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
35005	VANADIUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
35010	YTTRIUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
35015	YTTERBIUM,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
35020	ZINC,BEDLOAD SED,WET SIEVE DIAM	1	1	0	0	1	0
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	290	0	0	290	10	0
38824	ISOPROPALIN TISWETWGTMG/KG	3	3	0	0	1	0
39024	PROPAZINE,COULSON CONDUCTIVITY,WATER SAMPL(UG/L)	1	1	0	0	1	0
39034	PERTHANE IN WHOLE WATER SAMPLE (UG/L)	58	0	58	0	3	0
39054	SIMETRYNE IN WHOLE WATER (UG/L)	1	1	0	0	1	0
39055	SIMAZINE IN WHOLE WATER (UG/L)	1	1	0	0	1	0
39056	PROMETONE IN WHOLE WATER (UG/L)	1	1	0	0	1	0
39057	PROMETRYNE IN WHOLE WATER (UG/L)	1	1	0	0	1	0
39063	CHLORDANE-CIS ISOMER,TISSUE WET WGT (UG/G)	3	3	0	0	1	0
39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	3	3	0	0	1	0
39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	3	3	0	0	1	0
39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	2	2	0	0	2	0
39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	1	1	0	0	1	0
39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	1	0	1	0	1	0
39105	PERCENT FAT HEXANE EXTRACTION	37	0	37	0	5	0
39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	2	0	2	0	2	0
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	2	0	2	0	2	0
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	123	109	14	0	10	0
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	123	109	14	0	10	0
39250	NAPTHALENES, POLYCHLORINATED (UG/L)	243	0	243	0	3	0
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	3	0	3	0	3	0
39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	2	2	0	0	2	0
39302	P P DDT IN TISSUE WET WGT (UG/G)	3	0	0	3	1	0
39307	O P DDT IN TISSUE WET WGT (UG/G)	2	0	0	2	1	0
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	2	0	2	0	2	0

Parameter Period of Record Tabulation
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Parameter Code	Name	Total Obs	01/01/85 to 05/09/94	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	2	2	0	0	2	0
39312	P P DDD IN TISSUE WET WGT (UG/G)	1	0	0	1	1	0
39319	MONOCHLOROBIPHENYL,TOTAL, TISSUE,WET,WT,MG/KG	3	3	0	0	1	0
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	2	0	2	0	2	0
39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	2	2	0	0	2	0
39322	P,P'-DDE IN TISSUE WET WGT MG/KG	3	3	0	0	1	0
39329	O,P DDE IN TISSUE, WET WGT(UG/G)	2	0	0	2	1	0
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	245	0	245	0	5	0
39331	ALDRIN IN FILT. FRAC. OF WAT. SAMP. (UG/L)	6	0	6	0	2	0
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	3	2	1	0	3	0
39335	DICHLOROBIPHENYL,TOTAL, TISSUE,WET,WT,MG/KG	3	3	0	0	1	0
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	2	0	2	0	2	0
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	2	0	2	0	2	0
39339	TRICHLOROBIPHENYL,TOTAL, TISSUE,WET,WT,MG/KG	3	3	0	0	1	0
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	200	0	200	0	4	0
39341	GAMMA-BHC(LINDANE),DISSOLVED,UG/L	1	0	1	0	1	0
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	1	0	1	0	1	0
39345	TETRACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	3	3	0	0	1	0
39347	PENTACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	3	3	0	0	1	0
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	199	0	199	0	3	0
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	3	2	1	0	3	0
39352	CHLORDANE(TECH MIX & METABS),DISSOLVED,UG/L	1	0	1	0	1	0
39354	HEPTACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	3	3	0	0	1	0
39355	OCTACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	3	3	0	0	1	0
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	199	0	199	0	3	0
39361	DDD IN FILT. FRAC. OF WATER SMAPLE (UG/L)	1	0	1	0	1	0
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	1	0	1	0	1	0
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	199	0	199	0	3	0
39366	DDE IN FILT. FRAC. OF WATER SAMPLE (UG/L)	1	0	1	0	1	0
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	1	0	1	0	1	0
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	199	0	199	0	3	0
39371	DDT IN FILT. FRAC. OF WATER SAMPLE (UG/L)	1	0	1	0	1	0
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	1	0	1	0	1	0
39376	DDT SUM ANALOGS INTISSUE WET WGT BASIS	25	0	22	3	6	0
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	201	0	201	0	5	0
39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	1	0	1	0	1	0
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	3	2	1	0	3	0
39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	95	0	95	0	3	0
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	201	0	201	0	5	0
39391	ENDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	1	0	1	0	1	0
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	3	2	1	0	3	0
39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	3	2	1	0	3	0
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	199	0	199	0	3	0
39401	TOXAPHENE IN FILT. FRAC. OF WATER SAMPLE (UG/L)	1	0	1	0	1	0
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	3	2	1	0	3	0
39404	DIELDRIN IN TISSUE WET WGT (UG/G)	3	3	0	0	1	0
39408	NONACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	3	3	0	0	1	0
39409	DECACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	3	3	0	0	1	0
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	201	0	201	0	5	0
39411	HEPTACHLOR IN FILT. FRAC. OF WATER SAMPLE (UG/L)	1	0	1	0	1	0
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	3	2	1	0	3	0
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	201	0	201	0	5	0
39421	HEPTACHLOR EPOXIDE IN FILT. FRAC. WAT SAMP (UG/L)	1	0	1	0	1	0
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	3	2	1	0	3	0
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	2	2	0	0	2	0
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	486	474	12	0	6	0
39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	3	2	1	0	3	0
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	474	474	0	0	4	0
39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	1	0	1	0	1	0
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	479	479	0	0	4	0
39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	1	0	1	0	1	0
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	475	475	0	0	4	0
39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	3	2	1	0	3	0
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	480	464	16	0	6	0
39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	3	2	1	0	3	0
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	474	474	0	0	4	0
39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	3	2	1	0	3	0
39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	1	0	1	0	1	0
39515	PCBS (MG/KG) FISH TISSUE MG/KG	50	0	50	0	5	0
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	1143	312	831	0	5	0
39517	PCBS IN FILT. FRAC. OF WATER SAMPLE (UG/L)	30	3	27	0	3	0

Parameter Period of Record Tabulation
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Parameter Code	Name	Total Obs	01/01/85 to 05/09/94	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	5	4	1	0	5	4
39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	3	2	1	0	3	0
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	3	2	1	0	3	0
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	3	2	1	0	3	0
39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	1	0	1	0	1	0
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	1	1	0	0	1	0
39631	ATRAZINE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	2	2	0	0	2	0
39650	DIURON IN WHOLE WATER SAMPLE (UG/L)	1	1	0	0	1	0
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	2	0	2	0	2	0
39731	2,4-D IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	1	0	1	0	1	0
39741	2,4,5-T IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	1	0	1	0	1	0
39755	MIREX, TOTAL (UG/L)	143	0	143	0	3	0
39756	MIREX, DISSOLVED (UG/L)	1	0	1	0	1	0
39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	2	2	0	0	2	0
39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	1	0	1	0	1	0
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	1	0	1	0	1	0
39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	4	3	0	1	2	0
39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	1	0	1	0	1	0
39791	METHYL TRITHION IN BOT DEPOS (UG/KG DRY SOLIDS)	1	0	1	0	1	0
46333	PENTACHLORONITROBENZENE (PCNB) IN TISSUE WET MG/KG	3	3	0	0	1	0
46343	PCB -1016/1242,BOTTOM SEDIMENTS,DRY WT UG/KG	8	0	8	0	1	0
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	183	75	3	105	11	0
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	266	0	0	266	6	0
70302	SOLIDS, DISSOLVED-TONS PER DAY	29	0	3	26	4	0
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	271	0	3	268	9	0
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	59	4	55	0	3	0
70332	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .125MM	1	0	1	0	1	0
70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	1	0	1	0	1	0
70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	1	0	1	0	1	0
70339	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .008MM	1	0	1	0	1	0
70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	1	0	1	0	1	0
70341	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .031MM	1	0	1	0	1	0
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	559	115	444	0	18	4
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	71	0	27	44	7	0
70977	INSTRUMENT RATIO, LAB/FIELD CONCENTRATIONS, NUMBER	2	2	0	0	1	0
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	233	0	0	233	6	0
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	235	0	0	235	8	0
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	233	0	0	233	6	0
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	157	0	0	157	6	0
71885	IRON (UG/L AS FE)	231	0	0	231	6	0
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	150	0	12	138	6	0
71887	NITROGEN, TOTAL, AS NO3 - MG/L	249	0	172	77	8	0
71890	MERCURY, DISSOLVED (UG/L AS HG)	1	0	0	1	1	0
71900	MERCURY, TOTAL (UG/L AS HG)	233	143	31	59	19	0
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	9	8	1	0	5	0
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	3	0	3	0	2	0
71935	MERCURY, TOTAL IN FISH (PPM,WET WEIGHT BASIS)	3	3	0	0	1	0
71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	3	0	3	0	2	0
71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	3	0	3	0	2	0
71938	ZINC,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	3	0	3	0	2	0
71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	3	0	3	0	2	0
71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	3	0	3	0	2	0
72005	SAMPLE SOURCE CODE (BM WELL DATA)	217	29	188	0	2	0
74010	IRON, TOTAL (MG/L AS FE)	11	0	0	11	3	0
74069	FLOW, ESTIMATED STREAM CFS	46	46	0	0	3	0
76530	BIPHENYL TISSUE ,WET WGT,MG/KG	3	3	0	0	1	0
78422	ALDRIN SEDWETWTMG/KG	4	4	0	0	2	0
78423	DIELDRIN SEDWETWTMG/KG	4	4	0	0	2	0
78424	CHLORDANE SEDWETWTMG/KG	4	4	0	0	2	0
78425	4,4'-DDT SEDWETWTMG/KG	4	4	0	0	2	0
78426	4,4'-DDE SEDWETWTMG/KG	4	4	0	0	2	0
78427	4,4'-DDD SEDWETWTMG/KG	4	4	0	0	2	0
78428	ALPHA-ENDOSULFAN SEDWETWTMG/KG	4	4	0	0	2	0
78429	BETA-ENDOSULFAN SEDWETWTMG/KG	4	4	0	0	2	0
78430	ENDOSULFAN SULFATE SEDWETWTMG/KG	4	4	0	0	2	0
78431	ENDRIN SEDWETWTMG/KG	4	4	0	0	2	0
78432	ENDRIN ALDEHYDE SEDWETWTMG/KG	4	4	0	0	2	0
78433	HEPTACHLOR SEDWETWTMG/KG	4	4	0	0	2	0
78434	HEPTACHLOR EPOXIDE SEDWETWTMG/KG	4	4	0	0	2	0
78435	ALPHA-BHC SEDWETWTMG/KG	4	4	0	0	2	0
78436	BETA-BHC SEDWETWTMG/KG	4	4	0	0	2	0

Parameter Period of Record Tabulation
From 04/23/64 To 05/09/94

Parameter Code	Name	Total Obs	01/01/85 to 05/09/94	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
78437	DELTA-BHC SEDWETWTMG/KG	4	4	0	0	2	0
78438	GAMMA-BHC(LINDANE) SEDWETWTMG/KG	4	4	0	0	2	0
78440	PCB-1254 SEDWETWTMG/KG	4	4	0	0	2	0
78441	PCB-1221 SEDWETWTMG/KG	4	4	0	0	2	0
78443	PCB-1248 SEDWETWTMG/KG	4	4	0	0	2	0
78444	PCB-1260 SEDWETWTMG/KG	4	4	0	0	2	0
78447	TOXAPHENE SEDWETWTMG/KG	4	4	0	0	2	0
78448	METHOXYCHLOR SEDWETWTMG/KG	4	4	0	0	2	0
78450	DISULFOTON SEDWETWTMG/KG	2	2	0	0	2	0
78452	ETHYL PARATHION SEDWETWTMG/KG	2	2	0	0	2	0
78907	HEXACHLOROBIPHENYLS IN FISH TISSUE WET WGT. MG/KG	3	3	0	0	1	0
78922	NONACHLOR, TRANS, TISSUE, WET WEIGHT MG/KG	3	3	0	0	1	0
78923	NONACHLOR, CIS, TISSUE, WET WEIGHT MG/KG	3	3	0	0	1	0
79026	1,2,3,4,-TETRACHLOROBENZENE IN FISH WET WGT MG/KG	3	3	0	0	1	0
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	1347	574	773	0	6	0
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	735	109	626	0	6	0
80157	BED MATERIAL FALL DIAMETER, % FINER THAN .004MM	9	9	0	0	5	0
80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	9	9	0	0	5	0
80165	BED MATERIAL SIEVE DIAMETER,% FINER THAN .125MM	8	8	0	0	4	0
80169	BED MATERIAL SIEVE DIAMETER,% FINER THAN 2.00MM	3	3	0	0	2	0
81312	POLYCHLORINATEDBIPHENYLS FISH TISSUE WET WGT MG/KG	3	3	0	0	1	0
81371	PCBS AROCLOR 1016&1242 IN FISH TISSUE WET WGT UG/G	53	0	53	0	5	0
81404	DURSBAN,BOTTOM DEPOSITS,DRY WGT,UG/KG	2	2	0	0	2	0
81422	C15 ALCOHOL WHL WATER SMPL UG/L	1	0	1	0	1	0
81423	C16 ALCOHOL WHL WATER SMPL UG/L	1	0	1	0	1	0
81424	C17 ALCOHOL WHL WATER SMPL UG/L	1	0	1	0	1	0
81425	C18 ALCOHOL WHL WATER SMPL UG/L	1	0	1	0	1	0
81426	C19 ALCOHOL WHL WATER SMPL UG/L	1	0	1	0	1	0
81427	C20 ALCOHOL WHL WATER SMPL UG/L	1	0	1	0	1	0
81428	C21 ALCOHOL WHL WATER SMPL UG/L	1	0	1	0	1	0
81429	C22 ALCOHOL WHL WATER SMPL UG/L	1	0	1	0	1	0
81491	METHYL PALMITATE WHL WATER SMPL UG/L	1	0	1	0	1	0
81494	METHYL STEARATE WHL WATER SMPL UG/L	1	0	1	0	1	0
81504	TERPINEOL C=10 WHL WATER SMPL UG/L	1	0	1	0	1	0
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	57	0	54	3	6	0
81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	35	0	35	0	5	0
81644	METHOXYCHLOR IN FISH TISSUE,UG/G WET WEIGHT	3	3	0	0	1	0
81645	MIREX IN FISH TISSUE WET WEIGHT UG/G	5	3	2	0	2	0
81652	TREFLAN IN FISH TISSUE WET WEIGHT MG/KG	3	3	0	0	1	0
81757	CYANAZINE IN THE WHOLE WATER SAMPLE UG/L	1	1	0	0	1	0
81807	DURSBAN IN FISH TISSUE WET WEIGHT MG/KG	3	3	0	0	1	0
81823	PENTACHLOROANISOLE(PCA)INFISH TISSUE WET WGT MG/KG	3	3	0	0	1	0
81896	DDE TOTAL IN TISSUE WET WEIGHT MG/KG	3	0	0	3	1	0
82029	OXYCHLORDANE IN TISSUE SAMPLE WET WEIGHT MG/KG	3	3	0	0	1	0
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	98	38	60	0	8	0
82184	AMETRYNE (GESAPAX OR EVIK) TOTAL UG/L	1	1	0	0	1	0
82398	SAMPLING METHOD (CODES)	169	82	87	0	4	0
84007	ANATOMY ALPHA CODE	60	3	54	3	7	0
85675	TRICHLOROBENZENE,1,3,5- TISSUE,WET,WT,MG/KG	3	3	0	0	1	0
85676	TRICHLOROBENZENE,1,2,3- TISSUE,WET,WT,MG/KG	3	3	0	0	1	0
85677	TETRACHLOROBENZENE,1,2,4,5- TISSUE,WET,WT,MG/KG	3	3	0	0	1	0
85678	TETRACHLOROBENZENE,1,2,3,5- TISSUE,WET,WT,MG/KG	3	3	0	0	1	0
85679	PENTACHLOROBENZENE TISSUE,WET,WT,MG/KG	3	3	0	0	1	0
85680	DIPHENYL DISULFIDE TISSUE,WET,WT,MG/KG	3	3	0	0	1	0
85681	OCTACHLOROSTYRENE TISSUE,WET,WT,MG/KG	3	3	0	0	1	0
85682	NITROFEN TISSUE,WET,WT,MG/KG	3	3	0	0	1	0
85683	PERTHANE TISSUE,WET,WT,MG/KG	3	3	0	0	1	0
85684	DICOFOL (KELTHANE) TISSUE,WET,WT,MG/KG	3	3	0	0	1	0

Station/Parameter Period of Record Tabulation
From 04/23/64 To 05/09/94

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
SARA0067	No	00001	X-SEC. LOC., HORIZ (FT. FROM R BANK LOOK UPSTR.)	04/18/83-04/18/83	0	3	
SARA0004	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/09/71-09/09/76	4	51	
SARA0006	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/24/77-06/24/77	0	2	
SARA0010	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/26/87-08/15/88	0	2	
SARA0015	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/17/73-04/07/75	2	23	
SARA0016	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/29/75-09/18/75	0	22	
SARA0017	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/21/75-09/19/75	0	8	
SARA0018	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/19/68-08/19/68	0	1	
SARA0021	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/18/75-09/08/76	0	8	
SARA0022	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/13/73-09/08/76	2	49	
SARA0024	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/22/76-08/24/77	1	18	
SARA0027	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/12/72-04/07/75	2	31	
SARA0034	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/01/72-08/01/72	0	1	
SARA0038	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/09/71-11/13/73	2	45	
SARA0041	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/19/75-09/19/75	0	4	
SARA0043	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/09/87-07/21/87	0	3	
SARA0047	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/26/87-08/15/88	0	2	
SARA0059	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	01/01/69-01/01/69	0	3	
SARA0064	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/30/71-09/09/76	4	80	
SARA0067	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/22/92-07/22/92	0	1	
SARA0069	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/06/73-09/09/76	3	46	
SARA0001	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	05/12/76-05/12/76	0	1	
SARA0003	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	11/03/69-11/13/73	4	18	
SARA0004	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	11/09/71-09/09/76	4	51	
SARA0013	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	01/17/73-04/15/74	1	10	
SARA0015	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	01/17/73-04/07/75	2	23	
SARA0018	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	08/19/68-08/19/68	0	1	
SARA0022	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	11/13/73-09/08/76	2	49	
SARA0027	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	12/12/72-04/07/75	2	31	
SARA0028	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	12/12/72-04/15/74	1	12	
SARA0034	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	08/01/72-08/01/72	0	1	
SARA0037	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	10/06/69-03/18/74	4	44	
SARA0038	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	11/09/71-11/13/73	2	45	
SARA0064	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	11/30/71-09/09/76	4	80	
SARA0066	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	02/06/73-04/15/74	1	8	
SARA0067	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	10/06/69-04/15/74	4	24	
SARA0069	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	02/06/73-09/09/76	3	46	
SARA0067	No	00009	X-SEC. LOC.(FT FROM LEFT BANK LOOKING DOWNSTRM)	09/04/92-09/04/92	0	4	
SARA0001	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/23/64-10/09/80	16	135	
SARA0004	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/23/64-10/09/80	16	135	
SARA0005	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/06/66-10/06/66	0	1	
SARA0009	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/12/82-11/07/88	6	26	
SARA0010	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/22/87-11/07/88	1	16	
SARA0015	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/17/73-09/30/74	1	16	
SARA0018	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/19/68-08/19/68	0	1	
SARA0021	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/13/73-03/18/82	8	45	
SARA0022	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/13/73-03/18/82	8	45	
SARA0023	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/29/86-11/10/86	0	6	
SARA0025	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/73-11/12/86	13	106	
SARA0027	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/73-11/12/86	13	100	
SARA0029	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/04/87-04/04/87	0	1	
SARA0030	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/65-12/08/87	22	64	
SARA0031	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/75-09/22/87	12	47	
SARA0032	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/66-10/11/66	0	1	
SARA0034	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/65-09/30/68	3	50	
SARA0036	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/23/64-11/09/64	0	8	
SARA0037	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/22/70-10/22/70	0	1	
SARA0038	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/14/68-11/13/73	5	108	
SARA0039	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/14/68-11/13/73	5	108	
SARA0040	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/23/64-11/09/64	0	8	
SARA0045	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/13/87-08/17/90	3	28	
SARA0046	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/22/87-06/18/92	5	17	
SARA0047	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/22/87-11/02/88	1	16	
SARA0049	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/07/87-08/17/90	3	32	
SARA0050	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/13/87-08/17/90	3	30	
SARA0052	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/27/87-08/09/90	3	26	
SARA0053	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/13/87-08/09/90	3	25	
SARA0054	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/13/87-08/09/90	3	30	
SARA0055	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/13/87-08/09/90	3	29	
SARA0057	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/13/87-08/09/90	3	28	
SARA0060	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/13/87-08/17/90	3	24	
SARA0061	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/13/87-08/09/90	3	28	

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

Station/Parameter Period of Record Tabulation
From 04/23/64 To 05/09/94

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
SARA0062	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/13/87-08/17/90	3	20	
SARA0063	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/10/69-11/12/86	17	146	
SARA0064	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/10/69-11/12/86	17	146	
SARA0065	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/21/88-08/17/90	2	17	
SARA0067	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/25/81-08/26/93	12	18	
SARA0068	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/06/73-10/08/80	7	43	
SARA0069	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/06/73-10/08/80	7	43	
SARA0001	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/22/71-10/09/80	9	57	
SARA0004	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/22/71-10/09/80	9	57	
SARA0015	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/17/73-09/30/74	1	16	
SARA0018	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/19/68-08/19/68	0	1	
SARA0021	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/13/73-03/18/82	8	47	
SARA0022	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/13/73-03/18/82	8	47	
SARA0025	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/12/72-11/12/86	13	103	
SARA0027	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/12/72-11/12/86	13	103	
SARA0031	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/27/75-10/02/86	11	3	
SARA0037	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/22/70-10/22/70	0	1	
SARA0038	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/22/71-11/13/73	2	49	
SARA0039	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/22/71-11/13/73	2	49	
SARA0045	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/13/87-08/17/90	3	28	
SARA0049	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/07/87-08/17/90	3	32	
SARA0050	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/13/87-08/17/90	3	30	
SARA0052	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/27/87-08/09/90	3	26	
SARA0053	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/13/87-08/09/90	3	25	
SARA0054	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/13/87-08/09/90	3	30	
SARA0055	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/13/87-08/09/90	3	29	
SARA0057	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/13/87-08/09/90	3	29	
SARA0060	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/13/87-08/17/90	3	24	
SARA0061	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/13/87-08/09/90	3	28	
SARA0062	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/13/87-08/17/90	3	20	
SARA0063	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/10/69-11/12/86	17	123	
SARA0064	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/10/69-11/12/86	17	123	
SARA0065	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/21/88-08/17/90	2	17	
SARA0067	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/26/93-08/26/93	0	1	
SARA0068	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/06/73-10/08/80	7	43	
SARA0069	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/06/73-10/08/80	7	43	
SARA0016	No	00023	SAMPLE WEIGHT IN POUNDS	07/29/75-09/18/75	0	4	
SARA0059	No	00023	SAMPLE WEIGHT IN POUNDS	01/01/69-01/01/69	0	3	
SARA0016	No	00024	SAMPLE LENGTH IN INCHES	07/29/75-09/18/75	0	4	
SARA0024	No	00024	SAMPLE LENGTH IN INCHES	06/22/76-11/10/76	0	6	
SARA0009	No	00025	BAROMETRIC PRESSURE (MM OF HG)	03/31/88-11/07/88	0	7	
SARA0010	No	00025	BAROMETRIC PRESSURE (MM OF HG)	03/31/88-11/07/88	0	7	
SARA0046	No	00025	BAROMETRIC PRESSURE (MM OF HG)	03/28/88-11/02/88	0	7	
SARA0047	No	00025	BAROMETRIC PRESSURE (MM OF HG)	03/28/88-10/04/88	0	6	
SARA0067	No	00025	BAROMETRIC PRESSURE (MM OF HG)	09/11/92-08/26/93	0	2	
SARA0007	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/21/88-09/21/88	0	1	
SARA0009	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	10/29/81-09/28/90	8	249	
SARA0013	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	10/16/73-10/16/73	0	1	
SARA0028	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/07/88-09/07/88	0	1	
SARA0029	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	06/13/86-05/30/92	5	64	
SARA0031	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	10/29/81-05/09/94	12	447	
SARA0035	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/07/88-09/07/88	0	1	
SARA0037	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	02/01/83-02/01/83	0	1	
SARA0046	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	04/22/87-06/18/92	5	17	
SARA0067	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	10/29/81-12/20/93	12	400	
SARA0006	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	06/24/77-06/24/77	0	2	
SARA0007	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/21/88-09/21/88	0	1	
SARA0009	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	07/25/78-09/28/90	12	312	
SARA0013	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	10/16/73-10/16/73	0	1	
SARA0016	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	07/29/75-09/18/75	0	22	
SARA0017	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	07/21/75-09/19/75	0	8	
SARA0024	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	06/22/76-08/24/77	1	18	
SARA0028	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/07/88-09/07/88	0	1	
SARA0029	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	06/13/86-05/30/92	5	64	
SARA0031	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	07/10/78-05/09/94	15	620	
SARA0035	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/07/88-09/07/88	0	1	
SARA0037	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	02/01/83-02/01/83	0	1	
SARA0041	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/19/75-09/19/75	0	4	
SARA0046	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	04/22/87-06/18/92	5	17	
SARA0059	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	01/01/69-01/01/69	0	3	
SARA0067	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	07/24/78-12/20/93	15	503	
SARA0001	No	00032	CLOUD COVER (PERCENT)	09/14/71-10/09/80	9	49	

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

Station/Parameter Period of Record Tabulation
From 04/23/64 To 05/09/94

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
SARA0004	No	00032	CLOUD COVER (PERCENT)	09/14/71-10/09/80	9	49	
SARA0015	No	00032	CLOUD COVER (PERCENT)	04/04/73-09/30/74	1	14	
SARA0021	No	00032	CLOUD COVER (PERCENT)	11/13/73-03/18/82	8	44	
SARA0022	No	00032	CLOUD COVER (PERCENT)	11/13/73-03/18/82	8	44	
SARA0025	No	00032	CLOUD COVER (PERCENT)	12/12/72-11/12/86	13	101	
SARA0027	No	00032	CLOUD COVER (PERCENT)	12/12/72-11/12/86	13	101	
SARA0038	No	00032	CLOUD COVER (PERCENT)	06/22/71-11/13/73	2	44	
SARA0039	No	00032	CLOUD COVER (PERCENT)	06/22/71-11/13/73	2	44	
SARA0063	No	00032	CLOUD COVER (PERCENT)	03/10/69-11/12/86	17	121	
SARA0064	No	00032	CLOUD COVER (PERCENT)	03/10/69-11/12/86	17	121	
SARA0068	No	00032	CLOUD COVER (PERCENT)	02/06/73-10/08/80	7	44	
SARA0069	No	00032	CLOUD COVER (PERCENT)	02/06/73-10/08/80	7	44	
SARA0001	No	00041	WEATHER (WMO CODE 4501)	11/09/71-10/09/80	8	54	
SARA0004	No	00041	WEATHER (WMO CODE 4501)	11/09/71-10/09/80	8	54	
SARA0015	No	00041	WEATHER (WMO CODE 4501)	01/17/73-09/30/74	1	17	
SARA0021	No	00041	WEATHER (WMO CODE 4501)	11/13/73-03/18/82	8	47	
SARA0022	No	00041	WEATHER (WMO CODE 4501)	11/13/73-03/18/82	8	47	
SARA0025	No	00041	WEATHER (WMO CODE 4501)	12/12/72-11/12/86	13	103	
SARA0027	No	00041	WEATHER (WMO CODE 4501)	12/12/72-11/12/86	13	103	
SARA0038	No	00041	WEATHER (WMO CODE 4501)	11/09/71-11/13/73	2	40	
SARA0039	No	00041	WEATHER (WMO CODE 4501)	11/09/71-11/13/73	2	40	
SARA0063	No	00041	WEATHER (WMO CODE 4501)	11/30/71-11/12/86	14	117	
SARA0064	No	00041	WEATHER (WMO CODE 4501)	11/30/71-11/12/86	14	117	
SARA0068	No	00041	WEATHER (WMO CODE 4501)	02/06/73-10/08/80	7	46	
SARA0069	No	00041	WEATHER (WMO CODE 4501)	02/06/73-10/08/80	7	46	
SARA0003	No	00060	FLOW, STREAM, MEAN DAILY CFS	04/23/69-05/25/71	2	24	
SARA0005	No	00060	FLOW, STREAM, MEAN DAILY CFS	10/06/66-10/06/66	0	1	
SARA0009	No	00060	FLOW, STREAM, MEAN DAILY CFS	03/31/88-11/07/88	0	9	
SARA0032	No	00060	FLOW, STREAM, MEAN DAILY CFS	10/11/66-10/11/66	0	1	
SARA0067	No	00060	FLOW, STREAM, MEAN DAILY CFS	09/11/92-09/11/92	0	1	
SARA0001	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	11/20/67-05/25/71	3	33	
SARA0004	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	11/20/67-05/25/71	3	33	
SARA0009	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/26/76-09/28/90	14	337	
SARA0025	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	12/12/72-09/05/73	0	10	
SARA0027	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	12/12/72-09/05/73	0	10	
SARA0029	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/09/86-09/28/90	3	55	
SARA0031	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/21/75-09/25/92	17	494	
SARA0037	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	02/01/83-02/01/83	0	1	
SARA0038	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/11/72-09/18/73	0	18	
SARA0039	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/11/72-09/18/73	0	18	
SARA0046	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/28/88-11/02/88	0	9	
SARA0067	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/14/77-09/25/92	15	434	
SARA0068	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	02/06/73-08/21/73	0	6	
SARA0069	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	02/06/73-08/21/73	0	6	
SARA0004	No	00065	STAGE, STREAM (FEET)	04/23/64-04/23/64	0	1	
SARA0009	No	00065	STAGE, STREAM (FEET)	04/27/83-07/02/86	3	32	
SARA0031	No	00065	STAGE, STREAM (FEET)	06/02/82-04/16/84	1	21	
SARA0067	No	00065	STAGE, STREAM (FEET)	06/02/82-07/02/86	4	35	
SARA0001	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/23/64-09/09/76	12	117	
SARA0003	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/08/74-05/21/75	0	7	
SARA0004	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/23/64-09/09/76	12	117	
SARA0013	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/09/74-04/07/75	0	9	
SARA0015	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/30/73-05/13/74	0	2	
SARA0021	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/13/73-09/08/76	2	24	
SARA0022	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/13/73-09/08/76	2	25	
SARA0025	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/12/72-05/13/74	1	16	
SARA0027	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/12/72-05/13/74	1	16	
SARA0028	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/09/74-04/07/75	0	10	
SARA0030	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/24/65-09/30/68	3	49	
SARA0034	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/24/65-09/30/68	3	49	
SARA0036	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/23/64-11/09/64	0	8	
SARA0037	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/08/74-04/28/75	0	11	
SARA0038	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/14/68-11/13/73	5	116	
SARA0039	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/14/68-11/13/73	5	116	
SARA0040	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/23/64-11/09/64	0	8	
SARA0063	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/15/69-09/09/76	7	79	
SARA0064	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/15/69-09/09/76	7	80	
SARA0066	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/09/74-05/19/75	0	7	
SARA0067	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/09/74-05/27/75	0	12	
SARA0068	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/06/73-09/09/76	3	16	
SARA0069	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/06/73-09/09/76	3	17	
SARA0001	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/12/76-10/09/80	4	22	

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

Station/Parameter Period of Record Tabulation
From 04/23/64 To 05/09/94

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
SARA0004	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/12/76-10/09/80	4	22	
SARA0009	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/22/87-11/07/88	1	16	
SARA0021	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/11/76-03/18/82	5	30	
SARA0022	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/11/76-03/18/82	5	30	
SARA0025	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/26/77-11/12/86	9	72	
SARA0027	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/26/77-11/12/86	9	82	
SARA0031	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/30/87-12/08/87	0	6	
SARA0046	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/22/87-11/02/88	1	16	
SARA0063	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/12/76-11/12/86	10	73	
SARA0064	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/12/76-11/12/86	10	73	
SARA0068	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/12/76-10/08/80	4	23	
SARA0069	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/12/76-10/08/80	4	23	
SARA0018	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	08/19/68-08/19/68	0	1	
SARA0003	No	00080	COLOR (PLATINUM-COBALT UNITS)	04/23/69-05/21/75	6	33	
SARA0004	No	00080	COLOR (PLATINUM-COBALT UNITS)	04/23/64-09/14/71	7	86	
SARA0005	No	00080	COLOR (PLATINUM-COBALT UNITS)	10/06/66-10/06/66	0	1	
SARA0013	No	00080	COLOR (PLATINUM-COBALT UNITS)	07/09/74-04/07/75	0	9	
SARA0018	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/19/68-08/19/68	0	1	
SARA0028	No	00080	COLOR (PLATINUM-COBALT UNITS)	07/09/74-04/07/75	0	10	
SARA0032	No	00080	COLOR (PLATINUM-COBALT UNITS)	10/11/66-10/11/66	0	1	
SARA0034	No	00080	COLOR (PLATINUM-COBALT UNITS)	05/24/65-09/30/68	3	50	
SARA0037	No	00080	COLOR (PLATINUM-COBALT UNITS)	04/07/69-05/29/75	6	65	
SARA0038	No	00080	COLOR (PLATINUM-COBALT UNITS)	10/14/68-09/29/71	2	74	
SARA0040	No	00080	COLOR (PLATINUM-COBALT UNITS)	04/23/64-11/09/64	0	8	
SARA0064	No	00080	COLOR (PLATINUM-COBALT UNITS)	04/15/69-09/29/71	2	33	
SARA0066	No	00080	COLOR (PLATINUM-COBALT UNITS)	07/09/74-05/19/75	0	7	
SARA0067	No	00080	COLOR (PLATINUM-COBALT UNITS)	04/23/69-05/27/75	6	38	
SARA0004	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	11/09/71-09/03/74	2	19	
SARA0015	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	05/30/73-05/30/73	0	1	
SARA0022	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	11/13/73-09/03/74	0	10	
SARA0027	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	12/12/72-04/02/74	1	15	
SARA0038	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	11/09/71-11/13/73	2	42	
SARA0064	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	11/30/71-04/02/74	2	30	
SARA0069	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	02/06/73-05/30/73	0	2	
SARA0010	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/31/88-11/07/88	0	9	
SARA0045	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/13/87-08/17/90	3	28	
SARA0047	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/24/87-11/02/88	1	10	
SARA0049	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/07/87-08/17/90	3	32	
SARA0050	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/13/87-08/17/90	3	30	
SARA0052	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/27/87-08/09/90	3	26	
SARA0053	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/13/87-08/09/90	3	25	
SARA0054	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/13/87-08/09/90	3	30	
SARA0055	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/13/87-08/09/90	3	29	
SARA0057	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/13/87-08/09/90	3	28	
SARA0060	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/13/87-08/17/90	3	24	
SARA0061	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/13/87-08/09/90	3	28	
SARA0062	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/13/87-08/17/90	3	20	
SARA0065	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/21/88-08/17/90	2	17	
SARA0001	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/29/65-11/04/81	16	120	T,S
SARA0003	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/23/69-05/21/75	6	60	
SARA0004	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/29/65-10/09/80	15	113	T,S
SARA0005	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/06/66-10/06/66	0	1	
SARA0009	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/22/80-11/07/88	8	124	
SARA0010	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/22/87-11/07/88	1	16	
SARA0013	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/17/73-04/07/75	2	22	
SARA0015	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/16/73-10/16/73	0	1	
SARA0021	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/13/73-03/18/82	8	64	
SARA0022	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/13/73-03/18/82	8	54	
SARA0025	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/26/77-11/12/86	9	84	
SARA0027	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/26/77-11/12/86	9	83	
SARA0028	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/12/72-04/07/75	2	29	
SARA0030	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/29/65-12/08/87	22	62	S
SARA0031	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/21/75-08/06/85	10	145	
SARA0032	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/11/66-10/11/66	0	1	
SARA0034	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/29/65-09/30/68	3	46	
SARA0037	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/07/69-05/29/75	6	126	
SARA0038	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/14/68-11/13/73	5	77	
SARA0039	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/14/68-11/13/73	5	77	
SARA0046	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/28/88-06/18/92	4	9	
SARA0047	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/22/87-11/02/88	1	16	
SARA0063	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/10/69-11/12/86	17	137	T,A,S
SARA0064	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM 25C)	03/10/69-11/12/86	17	127	T,A,S

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

Station/Parameter Period of Record Tabulation
From 04/23/64 To 05/09/94

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
SARA0066	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/06/73-05/19/75	2	18	
SARA0067	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/23/69-08/26/93	24	207	T,A,S
SARA0068	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/04/73-11/05/81	8	44	
SARA0069	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/04/73-10/08/80	7	39	
SARA0045	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/10/87-07/25/89	2	18	
SARA0049	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/07/87-07/25/89	2	21	
SARA0050	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/02/87-07/25/89	2	19	
SARA0052	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/21/87-07/12/89	1	18	
SARA0053	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/10/87-07/12/89	2	16	
SARA0054	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/02/87-07/12/89	2	20	
SARA0055	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/10/87-07/12/89	2	20	
SARA0057	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/01/87-07/11/89	2	19	
SARA0060	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/21/87-07/11/89	1	15	
SARA0061	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/10/87-07/12/89	2	20	
SARA0062	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/21/87-07/11/89	1	11	
SARA0065	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/21/88-07/11/89	1	10	
SARA0001	No	00300	OXYGEN, DISSOLVED MG/L	04/23/64-10/09/80	16	137	T,S
SARA0004	No	00300	OXYGEN, DISSOLVED MG/L	04/23/64-10/09/80	16	137	T,S
SARA0009	No	00300	OXYGEN, DISSOLVED MG/L	05/14/87-11/07/88	1	15	
SARA0010	No	00300	OXYGEN, DISSOLVED MG/L	04/22/87-11/07/88	1	16	
SARA0015	No	00300	OXYGEN, DISSOLVED MG/L	01/17/73-09/30/74	1	16	
SARA0018	No	00300	OXYGEN, DISSOLVED MG/L	08/19/68-08/19/68	0	1	
SARA0021	No	00300	OXYGEN, DISSOLVED MG/L	11/13/73-03/18/82	8	45	
SARA0022	No	00300	OXYGEN, DISSOLVED MG/L	11/13/73-03/18/82	8	45	
SARA0025	No	00300	OXYGEN, DISSOLVED MG/L	12/12/72-11/12/86	13	100	
SARA0027	No	00300	OXYGEN, DISSOLVED MG/L	12/12/72-11/12/86	13	100	
SARA0030	No	00300	OXYGEN, DISSOLVED MG/L	05/24/65-12/08/87	22	64	S
SARA0031	No	00300	OXYGEN, DISSOLVED MG/L	03/29/76-09/22/87	11	6	
SARA0034	No	00300	OXYGEN, DISSOLVED MG/L	05/24/65-09/30/68	3	50	
SARA0036	No	00300	OXYGEN, DISSOLVED MG/L	04/23/64-11/09/64	0	8	
SARA0037	No	00300	OXYGEN, DISSOLVED MG/L	10/22/70-10/22/70	0	1	
SARA0038	No	00300	OXYGEN, DISSOLVED MG/L	10/14/68-11/13/73	5	116	
SARA0039	No	00300	OXYGEN, DISSOLVED MG/L	10/14/68-11/13/73	5	116	
SARA0040	No	00300	OXYGEN, DISSOLVED MG/L	04/23/64-11/09/64	0	8	
SARA0046	No	00300	OXYGEN, DISSOLVED MG/L	04/22/87-06/18/92	5	17	
SARA0047	No	00300	OXYGEN, DISSOLVED MG/L	04/22/87-11/02/88	1	16	
SARA0063	No	00300	OXYGEN, DISSOLVED MG/L	03/10/69-11/12/86	17	150	T,A,S
SARA0064	No	00300	OXYGEN, DISSOLVED MG/L	03/10/69-11/12/86	17	150	T,A,S
SARA0067	No	00300	OXYGEN, DISSOLVED MG/L	09/11/92-08/26/93	0	2	
SARA0068	No	00300	OXYGEN, DISSOLVED MG/L	02/06/73-10/08/80	7	43	
SARA0069	No	00300	OXYGEN, DISSOLVED MG/L	02/06/73-10/08/80	7	43	
SARA0031	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/29/76-03/29/76	0	1	
SARA0001	No	00303	BOD, 1DAY, 20 DEG C MG/L	04/21/75-11/04/81	6	44	
SARA0004	No	00303	BOD, 1DAY, 20 DEG C MG/L	04/21/75-10/09/80	5	36	
SARA0021	No	00303	BOD, 1DAY, 20 DEG C MG/L	04/28/75-11/04/81	6	52	
SARA0022	No	00303	BOD, 1DAY, 20 DEG C MG/L	04/28/75-10/09/80	5	41	
SARA0025	No	00303	BOD, 1DAY, 20 DEG C MG/L	05/26/77-11/04/81	4	37	
SARA0027	No	00303	BOD, 1DAY, 20 DEG C MG/L	05/26/77-11/04/81	4	37	
SARA0030	No	00303	BOD, 1DAY, 20 DEG C MG/L	02/26/81-11/04/81	0	10	
SARA0063	No	00303	BOD, 1DAY, 20 DEG C MG/L	04/28/75-11/05/81	6	53	
SARA0064	No	00303	BOD, 1DAY, 20 DEG C MG/L	04/28/75-10/08/80	5	42	
SARA0068	No	00303	BOD, 1DAY, 20 DEG C MG/L	05/19/75-11/05/81	6	43	
SARA0069	No	00303	BOD, 1DAY, 20 DEG C MG/L	05/19/75-10/08/80	5	35	
SARA0001	No	00305	BOD, 3 DAY, 20 DEG C MG/L	04/21/75-11/04/81	6	19	
SARA0004	No	00305	BOD, 3 DAY, 20 DEG C MG/L	04/21/75-09/11/80	5	12	
SARA0021	No	00305	BOD, 3 DAY, 20 DEG C MG/L	04/28/75-11/04/81	6	36	
SARA0022	No	00305	BOD, 3 DAY, 20 DEG C MG/L	04/28/75-09/10/80	5	26	
SARA0025	No	00305	BOD, 3 DAY, 20 DEG C MG/L	06/27/78-09/10/81	3	20	
SARA0027	No	00305	BOD, 3 DAY, 20 DEG C MG/L	06/27/78-09/11/80	2	19	
SARA0030	No	00305	BOD, 3 DAY, 20 DEG C MG/L	02/26/81-11/04/81	0	9	
SARA0063	No	00305	BOD, 3 DAY, 20 DEG C MG/L	04/28/75-11/05/81	6	29	
SARA0064	No	00305	BOD, 3 DAY, 20 DEG C MG/L	04/28/75-09/11/80	5	19	
SARA0068	No	00305	BOD, 3 DAY, 20 DEG C MG/L	05/19/75-11/05/81	6	21	
SARA0069	No	00305	BOD, 3 DAY, 20 DEG C MG/L	05/19/75-09/11/80	5	14	
SARA0001	No	00310	BOD, 5 DAY, 20 DEG C MG/L	04/23/64-11/04/81	17	115	T,S
SARA0004	No	00310	BOD, 5 DAY, 20 DEG C MG/L	04/23/64-10/09/80	16	107	T,S
SARA0015	No	00310	BOD, 5 DAY, 20 DEG C MG/L	05/30/73-05/30/73	0	1	
SARA0021	No	00310	BOD, 5 DAY, 20 DEG C MG/L	11/13/73-03/18/82	8	42	
SARA0022	No	00310	BOD, 5 DAY, 20 DEG C MG/L	11/13/73-03/18/82	8	31	
SARA0025	No	00310	BOD, 5 DAY, 20 DEG C MG/L	12/12/72-11/12/86	13	78	
SARA0027	No	00310	BOD, 5 DAY, 20 DEG C MG/L	12/12/72-11/12/86	13	77	
SARA0030	No	00310	BOD, 5 DAY, 20 DEG C MG/L	05/24/65-11/04/81	16	60	S

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

Station/Parameter Period of Record Tabulation
From 04/23/64 To 05/09/94

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
SARA0034	No	00310	BOD, 5 DAY, 20 DEG C MG/L	05/24/65-09/30/68	3	50	
SARA0036	No	00310	BOD, 5 DAY, 20 DEG C MG/L	04/23/64-11/09/64	0	8	
SARA0038	No	00310	BOD, 5 DAY, 20 DEG C MG/L	10/14/68-11/13/73	5	57	
SARA0039	No	00310	BOD, 5 DAY, 20 DEG C MG/L	10/14/68-11/13/73	5	57	
SARA0040	No	00310	BOD, 5 DAY, 20 DEG C MG/L	04/23/64-11/09/64	0	8	
SARA0063	No	00310	BOD, 5 DAY, 20 DEG C MG/L	06/04/69-11/12/86	17	110	T,S
SARA0064	No	00310	BOD, 5 DAY, 20 DEG C MG/L	06/04/69-11/12/86	17	98	T,S
SARA0068	No	00310	BOD, 5 DAY, 20 DEG C MG/L	05/30/73-11/05/81	8	38	
SARA0069	No	00310	BOD, 5 DAY, 20 DEG C MG/L	05/30/73-09/11/80	7	30	
SARA0022	No	00312	BOD, 6 DAY, 20 DEG C MG/L	03/09/76-03/09/76	0	1	
SARA0001	No	00315	BOD, 7 DAY, 20 DEG C MG/L	04/23/69-11/04/81	12	72	
SARA0004	No	00315	BOD, 7 DAY, 20 DEG C MG/L	04/23/69-10/09/80	11	64	
SARA0021	No	00315	BOD, 7 DAY, 20 DEG C MG/L	03/18/74-11/04/81	7	52	
SARA0022	No	00315	BOD, 7 DAY, 20 DEG C MG/L	03/18/74-10/09/80	6	41	
SARA0025	No	00315	BOD, 7 DAY, 20 DEG C MG/L	05/14/73-08/19/86	13	53	
SARA0027	No	00315	BOD, 7 DAY, 20 DEG C MG/L	05/14/73-08/19/86	13	52	
SARA0030	No	00315	BOD, 7 DAY, 20 DEG C MG/L	02/26/81-11/04/81	0	10	
SARA0038	No	00315	BOD, 7 DAY, 20 DEG C MG/L	04/07/69-10/15/73	4	57	
SARA0039	No	00315	BOD, 7 DAY, 20 DEG C MG/L	04/07/69-10/15/73	4	57	
SARA0063	No	00315	BOD, 7 DAY, 20 DEG C MG/L	04/15/69-08/19/86	17	100	T,S
SARA0064	No	00315	BOD, 7 DAY, 20 DEG C MG/L	04/15/69-08/19/86	17	90	T,S
SARA0068	No	00315	BOD, 7 DAY, 20 DEG C MG/L	02/06/73-11/05/81	8	41	
SARA0069	No	00315	BOD, 7 DAY, 20 DEG C MG/L	02/06/73-10/08/80	7	35	
SARA0001	No	00335	COD, .025N K2CR2O7 MG/L	03/29/65-10/08/81	16	99	T,S
SARA0003	No	00335	COD, .025N K2CR2O7 MG/L	04/23/69-05/21/75	6	60	
SARA0004	No	00335	COD, .025N K2CR2O7 MG/L	03/29/65-06/16/77	12	92	
SARA0013	No	00335	COD, .025N K2CR2O7 MG/L	01/17/73-04/07/75	2	22	
SARA0021	No	00335	COD, .025N K2CR2O7 MG/L	11/13/73-03/18/82	8	39	
SARA0022	No	00335	COD, .025N K2CR2O7 MG/L	11/13/73-03/18/82	8	29	
SARA0025	No	00335	COD, .025N K2CR2O7 MG/L	05/26/77-04/30/86	8	52	
SARA0027	No	00335	COD, .025N K2CR2O7 MG/L	05/26/77-04/30/86	8	51	
SARA0028	No	00335	COD, .025N K2CR2O7 MG/L	12/12/72-04/07/75	2	29	
SARA0030	No	00335	COD, .025N K2CR2O7 MG/L	03/29/65-10/07/81	16	57	S
SARA0034	No	00335	COD, .025N K2CR2O7 MG/L	03/29/65-09/30/68	3	48	
SARA0037	No	00335	COD, .025N K2CR2O7 MG/L	04/07/69-05/29/75	6	124	
SARA0038	No	00335	COD, .025N K2CR2O7 MG/L	10/14/68-11/13/73	5	70	
SARA0039	No	00335	COD, .025N K2CR2O7 MG/L	10/14/68-11/13/73	5	70	
SARA0063	No	00335	COD, .025N K2CR2O7 MG/L	03/10/69-04/30/86	17	103	T,S
SARA0064	No	00335	COD, .025N K2CR2O7 MG/L	03/10/69-04/30/86	17	93	T,S
SARA0066	No	00335	COD, .025N K2CR2O7 MG/L	02/06/73-05/19/75	2	18	
SARA0067	No	00335	COD, .025N K2CR2O7 MG/L	04/23/69-05/27/75	6	79	
SARA0068	No	00335	COD, .025N K2CR2O7 MG/L	06/26/75-10/08/81	6	22	
SARA0069	No	00335	COD, .025N K2CR2O7 MG/L	06/26/75-06/16/77	1	17	
SARA0001	No	00340	COD, .25N K2CR2O7 MG/L	06/28/78-10/09/80	2	19	
SARA0004	No	00340	COD, .25N K2CR2O7 MG/L	06/28/78-10/09/80	2	19	
SARA0021	No	00340	COD, .25N K2CR2O7 MG/L	06/27/78-10/09/80	2	23	
SARA0022	No	00340	COD, .25N K2CR2O7 MG/L	06/27/78-10/09/80	2	23	
SARA0025	No	00340	COD, .25N K2CR2O7 MG/L	06/27/78-08/18/83	5	26	
SARA0027	No	00340	COD, .25N K2CR2O7 MG/L	06/27/78-08/18/83	5	26	
SARA0063	No	00340	COD, .25N K2CR2O7 MG/L	06/27/78-07/21/83	5	28	
SARA0064	No	00340	COD, .25N K2CR2O7 MG/L	06/27/78-07/21/83	5	27	
SARA0068	No	00340	COD, .25N K2CR2O7 MG/L	06/27/78-10/08/80	2	18	
SARA0069	No	00340	COD, .25N K2CR2O7 MG/L	06/27/78-10/08/80	2	18	
SARA0001	No	00400	PH (STANDARD UNITS)	04/23/64-10/09/80	16	133	T,S
SARA0003	No	00400	PH (STANDARD UNITS)	04/23/69-07/08/74	5	54	
SARA0004	No	00400	PH (STANDARD UNITS)	04/23/64-10/09/80	16	133	T,S
SARA0005	No	00400	PH (STANDARD UNITS)	10/06/66-10/06/66	0	1	
SARA0009	No	00400	PH (STANDARD UNITS)	03/22/80-11/07/88	8	42	
SARA0010	No	00400	PH (STANDARD UNITS)	04/22/87-11/07/88	1	16	
SARA0013	No	00400	PH (STANDARD UNITS)	01/17/73-08/05/74	1	15	
SARA0015	No	00400	PH (STANDARD UNITS)	01/17/73-09/30/74	1	12	
SARA0018	No	00400	PH (STANDARD UNITS)	08/19/68-08/19/68	0	1	
SARA0021	No	00400	PH (STANDARD UNITS)	01/22/74-03/18/82	8	45	
SARA0022	No	00400	PH (STANDARD UNITS)	01/22/74-03/18/82	8	45	
SARA0023	No	00400	PH (STANDARD UNITS)	04/29/86-11/10/86	0	6	
SARA0025	No	00400	PH (STANDARD UNITS)	12/12/72-11/12/86	13	103	
SARA0027	No	00400	PH (STANDARD UNITS)	12/12/72-11/12/86	13	97	
SARA0028	No	00400	PH (STANDARD UNITS)	12/12/72-08/05/74	1	21	
SARA0030	No	00400	PH (STANDARD UNITS)	03/29/65-12/08/87	22	65	S
SARA0031	No	00400	PH (STANDARD UNITS)	03/29/76-09/20/88	12	64	
SARA0032	No	00400	PH (STANDARD UNITS)	10/11/66-10/11/66	0	1	
SARA0034	No	00400	PH (STANDARD UNITS)	03/29/65-09/30/68	3	51	

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

Station/Parameter Period of Record Tabulation
From 04/23/64 To 05/09/94

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
SARA0036	No	00400	PH (STANDARD UNITS)	04/23/64-11/09/64	0	8	
SARA0037	No	00400	PH (STANDARD UNITS)	04/07/69-07/08/74	5	115	
SARA0038	No	00400	PH (STANDARD UNITS)	10/14/68-08/21/73	4	97	
SARA0039	No	00400	PH (STANDARD UNITS)	10/14/68-08/21/73	4	97	
SARA0040	No	00400	PH (STANDARD UNITS)	04/23/64-11/09/64	0	8	
SARA0046	No	00400	PH (STANDARD UNITS)	04/22/87-06/18/92	5	17	
SARA0047	No	00400	PH (STANDARD UNITS)	04/22/87-11/02/88	1	16	
SARA0063	No	00400	PH (STANDARD UNITS)	04/15/69-11/12/86	17	136	T,A,S
SARA0064	No	00400	PH (STANDARD UNITS)	04/15/69-11/12/86	17	136	T,A,S
SARA0066	No	00400	PH (STANDARD UNITS)	02/06/73-08/05/74	1	13	
SARA0067	No	00400	PH (STANDARD UNITS)	04/23/69-08/26/93	24	98	T,S
SARA0068	No	00400	PH (STANDARD UNITS)	02/06/73-10/08/80	7	43	
SARA0069	No	00400	PH (STANDARD UNITS)	02/06/73-10/08/80	7	43	
SARA0009	No	00403	PH, LAB, STANDARD UNITS SU	08/12/79-11/07/88	9	12	
SARA0025	No	00403	PH, LAB, STANDARD UNITS SU	07/21/83-07/21/83	0	1	
SARA0027	No	00403	PH, LAB, STANDARD UNITS SU	07/21/83-07/21/83	0	1	
SARA0031	No	00403	PH, LAB, STANDARD UNITS SU	09/24/86-09/22/87	0	6	
SARA0045	Yes	00403	PH, LAB, STANDARD UNITS SU	05/27/87-07/30/90	3	26	
SARA0046	No	00403	PH, LAB, STANDARD UNITS SU	05/12/87-11/02/88	1	12	
SARA0049	Yes	00403	PH, LAB, STANDARD UNITS SU	05/07/87-07/30/90	3	29	
SARA0050	Yes	00403	PH, LAB, STANDARD UNITS SU	07/02/87-07/30/90	3	26	
SARA0052	Yes	00403	PH, LAB, STANDARD UNITS SU	05/27/87-08/09/90	3	25	
SARA0053	Yes	00403	PH, LAB, STANDARD UNITS SU	05/27/87-08/09/90	3	23	
SARA0054	Yes	00403	PH, LAB, STANDARD UNITS SU	05/27/87-08/09/90	3	27	
SARA0055	Yes	00403	PH, LAB, STANDARD UNITS SU	05/27/87-08/09/90	3	28	
SARA0057	Yes	00403	PH, LAB, STANDARD UNITS SU	05/27/87-08/09/90	3	27	
SARA0060	Yes	00403	PH, LAB, STANDARD UNITS SU	05/27/87-06/21/90	3	21	
SARA0061	Yes	00403	PH, LAB, STANDARD UNITS SU	05/27/87-08/09/90	3	27	
SARA0062	Yes	00403	PH, LAB, STANDARD UNITS SU	05/27/87-06/21/90	3	17	
SARA0063	No	00403	PH, LAB, STANDARD UNITS SU	07/21/83-12/19/85	2	2	
SARA0064	No	00403	PH, LAB, STANDARD UNITS SU	07/21/83-12/19/85	2	2	
SARA0065	No	00403	PH, LAB, STANDARD UNITS SU	06/21/88-07/06/90	2	15	
SARA0003	No	00405	CARBON DIOXIDE (MG/L AS CO2)	06/06/72-07/08/74	2	13	
SARA0013	No	00405	CARBON DIOXIDE (MG/L AS CO2)	01/17/73-08/05/74	1	15	
SARA0028	No	00405	CARBON DIOXIDE (MG/L AS CO2)	12/12/72-08/05/74	1	21	
SARA0031	No	00405	CARBON DIOXIDE (MG/L AS CO2)	03/29/76-03/29/76	0	1	
SARA0037	No	00405	CARBON DIOXIDE (MG/L AS CO2)	04/26/72-07/08/74	2	31	
SARA0066	No	00405	CARBON DIOXIDE (MG/L AS CO2)	02/06/73-08/05/74	1	13	
SARA0067	No	00405	CARBON DIOXIDE (MG/L AS CO2)	05/23/72-08/05/74	2	27	
SARA0001	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/28/78-11/04/81	3	27	
SARA0003	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/23/69-05/21/75	6	60	
SARA0004	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/28/78-10/09/80	2	19	
SARA0005	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/06/66-10/06/66	0	1	
SARA0013	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/17/73-04/07/75	2	22	
SARA0018	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/19/68-08/19/68	0	1	
SARA0021	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/27/78-03/18/82	3	37	
SARA0022	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/27/78-03/18/82	3	26	
SARA0025	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/27/78-12/02/85	7	73	
SARA0027	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/27/78-12/02/85	7	71	
SARA0028	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/12/72-04/07/75	2	29	
SARA0030	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/26/81-11/04/81	0	10	
SARA0031	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/21/75-03/29/76	0	3	
SARA0032	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/66-10/11/66	0	1	
SARA0037	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/07/69-05/29/75	6	126	
SARA0063	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/27/78-12/19/85	7	73	
SARA0064	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/27/78-12/19/85	7	61	
SARA0066	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/06/73-05/19/75	2	18	
SARA0067	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/23/69-05/27/75	6	79	
SARA0068	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/27/78-11/05/81	3	27	
SARA0069	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/27/78-10/08/80	2	19	
SARA0046	No	00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	06/18/92-06/18/92	0	1	
SARA0067	No	00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	09/11/92-08/26/93	0	2	
SARA0001	No	00420	ALKALINITY, HYDROXIDE (MG/L AS CACO3)	04/23/69-09/29/70	1	19	
SARA0004	No	00420	ALKALINITY, HYDROXIDE (MG/L AS CACO3)	04/23/69-09/29/70	1	19	
SARA0038	No	00420	ALKALINITY, HYDROXIDE (MG/L AS CACO3)	04/07/69-09/29/70	1	38	
SARA0039	No	00420	ALKALINITY, HYDROXIDE (MG/L AS CACO3)	04/07/69-09/29/70	1	38	
SARA0063	No	00420	ALKALINITY, HYDROXIDE (MG/L AS CACO3)	04/23/69-09/16/70	1	19	
SARA0064	No	00420	ALKALINITY, HYDROXIDE (MG/L AS CACO3)	04/23/69-09/16/70	1	19	
SARA0001	No	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	10/24/66-05/26/77	10	64	
SARA0004	No	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	10/24/66-05/26/77	10	64	
SARA0021	No	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	11/13/73-10/25/77	3	22	
SARA0022	No	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	11/13/73-10/25/77	3	22	

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

Station/Parameter Period of Record Tabulation
From 04/23/64 To 05/09/94

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
SARA0025	No	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	05/26/77-05/26/77	0	1	
SARA0027	No	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	05/26/77-05/26/77	0	1	
SARA0030	No	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/21/67-09/30/68	1	22	
SARA0034	No	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/21/67-09/30/68	1	22	
SARA0038	No	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	10/14/68-11/13/73	5	76	
SARA0039	No	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	10/14/68-11/13/73	5	76	
SARA0063	No	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	03/10/69-05/26/77	8	47	
SARA0064	No	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	03/10/69-05/26/77	8	47	
SARA0068	No	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	10/29/75-05/26/77	1	11	
SARA0069	No	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	10/29/75-05/26/77	1	11	
SARA0001	No	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	04/23/69-09/29/70	1	19	
SARA0004	No	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	04/23/69-09/29/70	1	19	
SARA0038	No	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	04/07/69-09/29/70	1	38	
SARA0039	No	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	04/07/69-09/29/70	1	38	
SARA0063	No	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	04/23/69-09/16/70	1	19	
SARA0064	No	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	04/23/69-09/16/70	1	19	
SARA0001	No	00436	ACIDITY, MINERAL (METHYL ORANGE) (MG/L AS CACO3)	07/27/78-07/27/78	0	1	
SARA0004	No	00436	ACIDITY, MINERAL (METHYL ORANGE) (MG/L AS CACO3)	07/27/78-07/27/78	0	1	
SARA0021	No	00436	ACIDITY, MINERAL (METHYL ORANGE) (MG/L AS CACO3)	07/26/78-07/26/78	0	1	
SARA0022	No	00436	ACIDITY, MINERAL (METHYL ORANGE) (MG/L AS CACO3)	07/26/78-07/26/78	0	1	
SARA0025	No	00436	ACIDITY, MINERAL (METHYL ORANGE) (MG/L AS CACO3)	07/26/78-07/26/78	0	1	
SARA0027	No	00436	ACIDITY, MINERAL (METHYL ORANGE) (MG/L AS CACO3)	07/26/78-07/26/78	0	1	
SARA0063	No	00436	ACIDITY, MINERAL (METHYL ORANGE) (MG/L AS CACO3)	07/26/78-07/26/78	0	1	
SARA0064	No	00436	ACIDITY, MINERAL (METHYL ORANGE) (MG/L AS CACO3)	07/26/78-07/26/78	0	1	
SARA0068	No	00436	ACIDITY, MINERAL (METHYL ORANGE) (MG/L AS CACO3)	07/26/78-07/26/78	0	1	
SARA0069	No	00436	ACIDITY, MINERAL (METHYL ORANGE) (MG/L AS CACO3)	07/26/78-07/26/78	0	1	
SARA0003	No	00440	BICARBONATE ION (MG/L AS HCO3)	04/23/69-05/21/75	6	60	
SARA0005	No	00440	BICARBONATE ION (MG/L AS HCO3)	10/06/66-10/06/66	0	1	
SARA0013	No	00440	BICARBONATE ION (MG/L AS HCO3)	01/17/73-04/07/75	2	22	
SARA0028	No	00440	BICARBONATE ION (MG/L AS HCO3)	12/12/72-04/07/75	2	29	
SARA0031	No	00440	BICARBONATE ION (MG/L AS HCO3)	04/21/75-03/29/76	0	3	
SARA0032	No	00440	BICARBONATE ION (MG/L AS HCO3)	10/11/66-10/11/66	0	1	
SARA0037	No	00440	BICARBONATE ION (MG/L AS HCO3)	04/07/69-05/29/75	6	126	
SARA0066	No	00440	BICARBONATE ION (MG/L AS HCO3)	02/06/73-05/19/75	2	18	
SARA0067	No	00440	BICARBONATE ION (MG/L AS HCO3)	04/23/69-05/27/75	6	79	
SARA0003	No	00445	CARBONATE ION (MG/L AS CO3)	04/23/69-07/08/74	5	54	
SARA0005	No	00445	CARBONATE ION (MG/L AS CO3)	10/06/66-10/06/66	0	1	
SARA0013	No	00445	CARBONATE ION (MG/L AS CO3)	01/17/73-08/05/74	1	15	
SARA0028	No	00445	CARBONATE ION (MG/L AS CO3)	12/12/72-08/05/74	1	21	
SARA0031	No	00445	CARBONATE ION (MG/L AS CO3)	03/29/76-03/29/76	0	1	
SARA0032	No	00445	CARBONATE ION (MG/L AS CO3)	10/11/66-10/11/66	0	1	
SARA0037	No	00445	CARBONATE ION (MG/L AS CO3)	04/07/69-07/08/74	5	115	
SARA0066	No	00445	CARBONATE ION (MG/L AS CO3)	02/06/73-08/05/74	1	13	
SARA0067	No	00445	CARBONATE ION (MG/L AS CO3)	04/23/69-08/05/74	5	69	
SARA0042	Yes	00480	SALINITY - PARTS PER THOUSAND	07/23/87-07/23/87	0	1	
SARA0045	Yes	00480	SALINITY - PARTS PER THOUSAND	05/13/87-08/17/90	3	29	
SARA0049	Yes	00480	SALINITY - PARTS PER THOUSAND	05/07/87-08/17/90	3	33	
SARA0050	Yes	00480	SALINITY - PARTS PER THOUSAND	05/13/87-08/17/90	3	30	
SARA0052	Yes	00480	SALINITY - PARTS PER THOUSAND	05/27/87-08/09/90	3	26	
SARA0053	Yes	00480	SALINITY - PARTS PER THOUSAND	05/13/87-08/09/90	3	31	
SARA0054	Yes	00480	SALINITY - PARTS PER THOUSAND	05/13/87-08/09/90	3	30	
SARA0055	Yes	00480	SALINITY - PARTS PER THOUSAND	05/13/87-08/09/90	3	29	
SARA0057	Yes	00480	SALINITY - PARTS PER THOUSAND	05/13/87-08/09/90	3	30	
SARA0058	Yes	00480	SALINITY - PARTS PER THOUSAND	07/23/87-07/23/87	0	1	
SARA0060	Yes	00480	SALINITY - PARTS PER THOUSAND	05/13/87-08/17/90	3	24	
SARA0061	Yes	00480	SALINITY - PARTS PER THOUSAND	05/13/87-08/09/90	3	29	
SARA0062	Yes	00480	SALINITY - PARTS PER THOUSAND	05/13/87-08/17/90	3	20	
SARA0065	No	00480	SALINITY - PARTS PER THOUSAND	05/13/87-08/17/90	3	27	
SARA0009	No	00496	LOSS ON IGNITION, BOTTOM DEPOSITS (MG/KG)	10/26/87-08/15/88	0	2	
SARA0010	No	00496	LOSS ON IGNITION, BOTTOM DEPOSITS (MG/KG)	10/26/87-08/15/88	0	2	
SARA0031	No	00496	LOSS ON IGNITION, BOTTOM DEPOSITS (MG/KG)	08/24/75-08/24/75	0	1	
SARA0046	No	00496	LOSS ON IGNITION, BOTTOM DEPOSITS (MG/KG)	10/26/87-08/15/88	0	2	
SARA0047	No	00496	LOSS ON IGNITION, BOTTOM DEPOSITS (MG/KG)	10/26/87-08/15/88	0	2	
SARA0001	No	00500	RESIDUE, TOTAL (MG/L)	03/29/65-10/16/73	8	77	
SARA0003	No	00500	RESIDUE, TOTAL (MG/L)	02/01/71-05/21/75	4	37	
SARA0004	No	00500	RESIDUE, TOTAL (MG/L)	03/29/65-10/16/73	8	77	
SARA0009	No	00500	RESIDUE, TOTAL (MG/L)	04/22/87-11/07/88	1	16	
SARA0010	No	00500	RESIDUE, TOTAL (MG/L)	04/22/87-11/07/88	1	16	
SARA0013	No	00500	RESIDUE, TOTAL (MG/L)	01/17/73-04/07/75	2	22	
SARA0021	No	00500	RESIDUE, TOTAL (MG/L)	11/13/73-09/03/74	0	10	
SARA0022	No	00500	RESIDUE, TOTAL (MG/L)	11/13/73-09/03/74	0	10	
SARA0028	No	00500	RESIDUE, TOTAL (MG/L)	12/12/72-04/07/75	2	29	

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

Station/Parameter Period of Record Tabulation
From 04/23/64 To 05/09/94

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
SARA0030	No	00500	RESIDUE, TOTAL (MG/L)	03/29/65-12/08/87	22	54	S
SARA0031	No	00500	RESIDUE, TOTAL (MG/L)	04/21/75-12/08/87	12	9	
SARA0034	No	00500	RESIDUE, TOTAL (MG/L)	03/29/65-09/30/68	3	48	
SARA0037	No	00500	RESIDUE, TOTAL (MG/L)	01/20/71-05/29/75	4	80	
SARA0038	No	00500	RESIDUE, TOTAL (MG/L)	10/14/68-11/13/73	5	76	
SARA0039	No	00500	RESIDUE, TOTAL (MG/L)	10/14/68-11/13/73	5	76	
SARA0046	No	00500	RESIDUE, TOTAL (MG/L)	04/22/87-11/02/88	1	16	
SARA0047	No	00500	RESIDUE, TOTAL (MG/L)	04/22/87-11/02/88	1	16	
SARA0063	No	00500	RESIDUE, TOTAL (MG/L)	03/10/69-09/29/71	2	36	
SARA0064	No	00500	RESIDUE, TOTAL (MG/L)	03/10/69-09/29/71	2	36	
SARA0066	No	00500	RESIDUE, TOTAL (MG/L)	02/06/73-05/19/75	2	18	
SARA0067	No	00500	RESIDUE, TOTAL (MG/L)	01/20/71-05/27/75	4	57	
SARA0003	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	04/23/69-04/27/71	2	26	
SARA0009	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	04/22/87-11/07/88	1	16	
SARA0010	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	04/22/87-11/07/88	1	16	
SARA0030	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	04/30/87-12/08/87	0	6	
SARA0031	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	04/30/87-12/08/87	0	6	
SARA0037	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	04/23/69-04/27/71	2	52	
SARA0046	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	04/22/87-11/02/88	1	16	
SARA0047	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	04/22/87-11/02/88	1	16	
SARA0067	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	04/23/69-04/14/71	1	26	
SARA0001	No	00510	RESIDUE, TOTAL FIXED (MG/L)	09/21/65-09/03/74	8	76	
SARA0003	No	00510	RESIDUE, TOTAL FIXED (MG/L)	02/01/71-05/21/75	4	38	
SARA0004	No	00510	RESIDUE, TOTAL FIXED (MG/L)	09/21/65-09/03/74	8	76	
SARA0009	No	00510	RESIDUE, TOTAL FIXED (MG/L)	04/22/87-11/07/88	1	16	
SARA0010	No	00510	RESIDUE, TOTAL FIXED (MG/L)	04/22/87-11/07/88	1	16	
SARA0013	No	00510	RESIDUE, TOTAL FIXED (MG/L)	01/17/73-04/07/75	2	22	
SARA0021	No	00510	RESIDUE, TOTAL FIXED (MG/L)	11/13/73-09/03/74	0	10	
SARA0022	No	00510	RESIDUE, TOTAL FIXED (MG/L)	11/13/73-09/03/74	0	10	
SARA0025	No	00510	RESIDUE, TOTAL FIXED (MG/L)	09/17/74-09/17/74	0	1	
SARA0027	No	00510	RESIDUE, TOTAL FIXED (MG/L)	09/17/74-09/17/74	0	1	
SARA0028	No	00510	RESIDUE, TOTAL FIXED (MG/L)	12/12/72-04/07/75	2	27	
SARA0030	No	00510	RESIDUE, TOTAL FIXED (MG/L)	09/21/65-12/08/87	22	52	S
SARA0031	No	00510	RESIDUE, TOTAL FIXED (MG/L)	04/30/87-12/08/87	0	6	
SARA0034	No	00510	RESIDUE, TOTAL FIXED (MG/L)	09/21/65-09/30/68	3	46	
SARA0037	No	00510	RESIDUE, TOTAL FIXED (MG/L)	01/20/71-05/29/75	4	80	
SARA0038	No	00510	RESIDUE, TOTAL FIXED (MG/L)	10/14/68-11/13/73	5	76	
SARA0039	No	00510	RESIDUE, TOTAL FIXED (MG/L)	10/14/68-11/13/73	5	76	
SARA0046	No	00510	RESIDUE, TOTAL FIXED (MG/L)	04/22/87-11/02/88	1	16	
SARA0047	No	00510	RESIDUE, TOTAL FIXED (MG/L)	04/22/87-11/02/88	1	16	
SARA0063	No	00510	RESIDUE, TOTAL FIXED (MG/L)	03/10/69-09/29/71	2	36	
SARA0064	No	00510	RESIDUE, TOTAL FIXED (MG/L)	03/10/69-09/29/71	2	36	
SARA0066	No	00510	RESIDUE, TOTAL FIXED (MG/L)	02/06/73-05/19/75	2	18	
SARA0067	No	00510	RESIDUE, TOTAL FIXED (MG/L)	01/20/71-05/27/75	4	56	
SARA0003	No	00525	RESIDUE, FIXED FILTRABLE (MG/L)	02/01/71-09/26/72	1	21	
SARA0037	No	00525	RESIDUE, FIXED FILTRABLE (MG/L)	02/01/71-09/26/72	1	40	
SARA0066	No	00525	RESIDUE, FIXED FILTRABLE (MG/L)	02/06/73-02/06/73	0	1	
SARA0067	No	00525	RESIDUE, FIXED FILTRABLE (MG/L)	02/17/71-09/12/72	1	20	
SARA0001	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/21/65-11/04/81	16	117	T,S
SARA0003	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/01/71-05/21/75	4	38	
SARA0004	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/21/65-10/09/80	15	109	T,S
SARA0009	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/30/76-11/13/80	4	76	
SARA0010	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/22/87-11/07/88	1	5	
SARA0013	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/17/73-04/07/75	2	22	
SARA0021	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/13/73-03/18/82	8	64	
SARA0022	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/13/73-03/18/82	8	54	
SARA0025	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/26/77-11/12/86	9	85	
SARA0027	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/26/77-11/12/86	9	84	
SARA0028	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/12/72-04/03/76	3	30	
SARA0030	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/21/65-11/04/81	16	56	S
SARA0031	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/03/76-03/27/87	10	160	
SARA0034	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/21/65-09/30/68	3	46	
SARA0037	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/20/71-05/29/75	4	80	
SARA0038	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/14/68-11/13/73	5	74	
SARA0039	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/14/68-11/13/73	5	74	
SARA0047	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/10/88-11/02/88	0	5	
SARA0063	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/10/69-11/12/86	17	135	T,A,S
SARA0064	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/10/69-11/12/86	17	124	T,A,S
SARA0066	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/06/73-05/19/75	2	18	
SARA0067	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/20/71-11/13/80	9	190	A
SARA0068	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/30/73-11/05/81	8	43	
SARA0069	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/30/73-10/08/80	7	36	

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

Station/Parameter Period of Record Tabulation
From 04/23/64 To 05/09/94

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
SARA0001	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/26/75-11/04/81	6	32	
SARA0004	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/26/75-09/11/80	5	24	
SARA0009	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/30/76-11/13/80	4	76	
SARA0021	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/25/75-03/18/82	6	39	
SARA0022	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/25/75-03/18/82	6	28	
SARA0025	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/27/78-11/12/86	8	82	
SARA0027	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/27/78-11/12/86	8	81	
SARA0028	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/03/76-04/03/76	0	1	
SARA0030	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/26/81-11/04/81	0	10	
SARA0031	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/03/76-03/27/87	10	156	
SARA0063	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/11/75-11/12/86	11	89	
SARA0064	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/11/75-11/12/86	11	77	
SARA0067	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/14/77-11/13/80	3	133	
SARA0068	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/26/75-11/05/81	6	30	
SARA0069	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/26/75-09/11/80	5	22	
SARA0001	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10/24/66-11/04/81	15	90	T,S
SARA0003	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10/24/72-05/21/75	2	17	
SARA0004	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10/24/66-09/11/80	13	82	
SARA0009	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/29/79-11/13/80	1	25	
SARA0013	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	01/17/73-04/07/75	2	22	
SARA0021	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	11/13/73-03/18/82	8	63	
SARA0022	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	11/13/73-03/18/82	8	54	
SARA0025	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/26/77-11/12/86	9	84	
SARA0027	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/26/77-11/12/86	9	83	
SARA0028	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	12/12/72-04/07/75	2	29	
SARA0030	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	08/21/67-11/04/81	14	32	
SARA0031	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/12/79-11/13/80	1	90	
SARA0034	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	08/21/67-09/30/68	1	22	
SARA0037	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10/24/72-05/29/75	2	38	
SARA0038	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10/14/68-11/13/73	5	67	
SARA0039	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10/14/68-11/13/73	5	67	
SARA0063	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/10/69-11/12/86	17	133	T,S
SARA0064	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/10/69-11/12/86	17	122	T,S
SARA0066	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/04/73-05/19/75	2	17	
SARA0067	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10/11/72-11/13/80	8	91	
SARA0068	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	06/26/75-11/05/81	6	40	
SARA0069	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	06/26/75-09/11/80	5	33	
SARA0009	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	03/30/77-09/27/77	0	27	
SARA0067	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	03/30/77-09/27/77	0	25	
SARA0003	No	00600	NITROGEN, TOTAL (MG/L AS N)	07/21/71-05/21/75	3	26	
SARA0009	No	00600	NITROGEN, TOTAL (MG/L AS N)	03/14/77-12/05/78	1	46	
SARA0013	No	00600	NITROGEN, TOTAL (MG/L AS N)	10/16/73-04/07/75	1	16	
SARA0028	No	00600	NITROGEN, TOTAL (MG/L AS N)	10/02/73-04/07/75	1	19	
SARA0031	No	00600	NITROGEN, TOTAL (MG/L AS N)	04/21/75-12/05/78	3	35	
SARA0037	No	00600	NITROGEN, TOTAL (MG/L AS N)	07/07/71-05/29/75	3	51	
SARA0066	No	00600	NITROGEN, TOTAL (MG/L AS N)	01/21/74-05/19/75	1	12	
SARA0067	No	00600	NITROGEN, TOTAL (MG/L AS N)	07/07/71-12/06/78	7	106	
SARA0001	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/21/65-09/09/76	10	84	
SARA0003	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/23/69-05/21/75	6	60	
SARA0004	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/21/65-09/09/76	10	84	
SARA0013	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/17/73-04/07/75	2	22	
SARA0021	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	11/13/73-09/08/76	2	20	
SARA0022	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	11/13/73-09/08/76	2	20	
SARA0028	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	12/12/72-04/07/75	2	29	
SARA0030	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/21/65-09/30/68	3	46	
SARA0031	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/21/75-03/29/76	0	3	
SARA0034	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/21/65-09/30/68	3	46	
SARA0037	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/07/69-05/29/75	6	125	
SARA0038	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	10/14/68-10/15/73	5	75	
SARA0039	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	10/14/68-10/15/73	5	75	
SARA0063	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	03/10/69-09/09/76	7	46	
SARA0064	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	03/10/69-09/09/76	7	46	
SARA0066	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	02/06/73-05/19/75	2	18	
SARA0067	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/23/69-05/27/75	6	79	
SARA0068	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	10/29/75-09/09/76	0	10	
SARA0069	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	10/29/75-09/09/76	0	10	
SARA0003	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	07/21/71-08/21/73	2	22	
SARA0013	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/17/73-08/21/73	0	6	
SARA0028	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/12/72-09/05/73	0	10	
SARA0037	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	07/07/71-09/18/73	2	48	
SARA0066	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	02/06/73-08/21/73	0	6	
SARA0067	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	07/07/71-09/05/73	2	28	

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

Station/Parameter Period of Record Tabulation
From 04/23/64 To 05/09/94

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
SARA0001	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/29/65-11/04/81	16	121	T,S
SARA0003	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/10/73-05/21/75	1	10	
SARA0004	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/29/65-10/09/80	15	113	T,S
SARA0009	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/22/87-11/07/88	1	16	
SARA0010	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/22/87-11/07/88	1	16	
SARA0013	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/16/73-04/07/75	1	16	
SARA0021	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/13/73-03/18/82	8	65	
SARA0022	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/13/73-03/18/82	8	55	
SARA0025	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/26/77-11/12/86	9	84	
SARA0027	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/26/77-11/12/86	9	83	
SARA0028	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/02/73-04/07/75	1	19	
SARA0030	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/29/65-12/08/87	22	64	S
SARA0031	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/21/75-12/08/87	12	9	
SARA0034	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/29/65-09/30/68	3	48	
SARA0037	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/16/73-05/29/75	1	21	
SARA0038	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/14/68-02/16/72	3	75	
SARA0039	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/14/68-02/16/72	3	75	
SARA0046	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/22/87-11/02/88	1	16	
SARA0047	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/22/87-11/02/88	1	16	
SARA0063	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/10/69-11/12/86	17	136	T,A,S
SARA0064	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/10/69-11/12/86	17	125	T,A,S
SARA0066	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/21/74-05/19/75	1	12	
SARA0067	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/02/73-05/27/75	1	23	
SARA0068	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/26/75-11/05/81	6	43	
SARA0069	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/26/75-10/08/80	5	37	
SARA0031	No	00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	08/24/75-08/24/75	0	1	
SARA0003	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/21/71-08/21/73	2	22	
SARA0013	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/17/73-08/21/73	0	6	
SARA0028	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/12/72-09/05/73	0	10	
SARA0037	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/07/71-09/18/73	2	48	
SARA0066	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	02/06/73-08/21/73	0	6	
SARA0067	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/07/71-09/05/73	2	28	
SARA0001	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/21/65-11/04/81	16	111	T,S
SARA0003	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/10/73-05/21/75	1	10	
SARA0004	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/21/65-10/09/80	15	103	T,S
SARA0009	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/22/87-11/07/88	1	16	
SARA0010	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/22/87-11/07/88	1	16	
SARA0013	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/16/73-04/07/75	1	16	
SARA0021	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/13/73-03/18/82	8	48	
SARA0022	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/13/73-03/18/82	8	37	
SARA0025	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/26/77-11/12/86	9	72	
SARA0027	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/26/77-11/12/86	9	71	
SARA0028	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/02/73-04/07/75	1	19	
SARA0030	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/21/65-12/08/87	22	62	S
SARA0031	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/21/75-12/08/87	12	9	
SARA0034	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/21/65-09/30/68	3	46	
SARA0037	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/16/73-05/29/75	1	21	
SARA0038	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/14/68-09/29/71	2	74	
SARA0039	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/14/68-09/29/71	2	74	
SARA0046	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/22/87-11/02/88	1	16	
SARA0047	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/22/87-11/02/88	1	16	
SARA0063	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/10/69-11/12/86	17	126	T,S
SARA0064	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/10/69-11/12/86	17	114	T,S
SARA0066	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/21/74-05/19/75	1	12	
SARA0067	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/02/73-05/27/75	1	23	
SARA0068	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/26/75-11/05/81	6	36	
SARA0069	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/26/75-10/08/80	5	28	
SARA0003	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/21/71-08/21/73	2	22	
SARA0013	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/17/73-08/21/73	0	6	
SARA0028	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/12/72-09/05/73	0	10	
SARA0037	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/07/71-09/18/73	2	48	
SARA0066	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/06/73-08/21/73	0	6	
SARA0067	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/07/71-09/05/73	2	28	
SARA0001	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/29/65-09/09/76	11	90	
SARA0003	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/10/73-05/21/75	1	10	
SARA0004	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/29/65-09/09/76	11	90	
SARA0013	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/16/73-04/07/75	1	16	
SARA0018	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/19/68-08/19/68	0	1	
SARA0021	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/13/73-09/08/76	2	24	
SARA0022	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/13/73-09/08/76	2	25	
SARA0025	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/05/73-09/05/73	0	1	
SARA0027	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/05/73-09/05/73	0	1	

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

Station/Parameter Period of Record Tabulation
From 04/23/64 To 05/09/94

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
SARA0028	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/02/73-04/07/75	1	19	
SARA0030	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/29/65-09/30/68	3	48	
SARA0031	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/21/75-03/29/76	0	3	
SARA0034	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/29/65-09/30/68	3	48	
SARA0037	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/16/73-05/29/75	1	21	
SARA0038	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/14/68-11/13/73	5	75	
SARA0039	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/14/68-11/13/73	5	75	
SARA0045	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/23/87-07/23/87	0	1	
SARA0053	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/23/87-07/23/87	0	1	
SARA0057	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/23/87-07/23/87	0	1	
SARA0061	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/23/87-07/23/87	0	1	
SARA0063	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/10/69-09/09/76	7	51	
SARA0064	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/10/69-09/09/76	7	52	
SARA0065	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/23/87-07/23/87	0	1	
SARA0066	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/21/74-05/19/75	1	12	
SARA0067	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/02/73-05/27/75	1	23	
SARA0068	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/26/75-09/09/76	1	13	
SARA0069	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/26/75-09/09/76	1	15	
SARA0001	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/26/75-10/08/81	6	24	
SARA0003	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/23/73-05/21/75	1	12	
SARA0004	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/26/75-08/14/80	5	20	
SARA0009	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/14/77-11/07/88	11	62	
SARA0010	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/22/87-11/07/88	1	16	
SARA0013	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/23/73-04/07/75	1	18	
SARA0018	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/19/68-08/19/68	0	1	
SARA0021	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/25/75-03/18/82	6	36	
SARA0022	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/25/75-03/18/82	6	31	
SARA0025	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/26/77-10/09/86	9	40	
SARA0027	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/26/77-10/09/86	9	39	
SARA0028	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/10/73-04/07/75	1	22	
SARA0030	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/26/81-12/08/87	6	10	
SARA0031	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/21/75-12/08/87	12	41	
SARA0037	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/07/73-05/29/75	1	24	
SARA0046	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/22/87-11/02/88	1	16	
SARA0047	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/22/87-11/02/88	1	16	
SARA0063	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/11/75-10/09/86	11	56	
SARA0064	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/11/75-10/09/86	11	49	
SARA0066	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/23/73-05/19/75	1	14	
SARA0067	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/10/73-12/06/78	5	93	
SARA0068	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/26/75-10/08/81	6	28	
SARA0069	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/26/75-10/08/80	5	24	
SARA0031	No	00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	08/24/75-08/24/75	0	1	
SARA0004	No	00629	NITROGEN, ORGANIC KJELDAHL, TOTAL (MG/L AS N)	09/09/76-09/09/76	0	1	
SARA0022	No	00629	NITROGEN, ORGANIC KJELDAHL, TOTAL (MG/L AS N)	09/08/76-09/08/76	0	1	
SARA0064	No	00629	NITROGEN, ORGANIC KJELDAHL, TOTAL (MG/L AS N)	09/09/76-09/09/76	0	1	
SARA0069	No	00629	NITROGEN, ORGANIC KJELDAHL, TOTAL (MG/L AS N)	09/09/76-09/09/76	0	1	
SARA0001	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/26/77-11/04/81	4	29	
SARA0003	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/10/73-05/21/75	1	10	
SARA0004	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/26/77-10/09/80	3	21	
SARA0009	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/14/77-11/07/88	11	62	
SARA0010	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/22/87-11/07/88	1	16	
SARA0013	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/16/73-04/07/75	1	16	
SARA0021	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/25/77-03/18/82	4	38	
SARA0022	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/25/77-03/18/82	4	27	
SARA0025	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/26/77-11/12/86	9	81	
SARA0027	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/26/77-11/12/86	9	80	
SARA0028	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/02/73-04/07/75	1	19	
SARA0030	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/26/81-12/08/87	6	16	
SARA0031	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/21/75-12/08/87	12	41	
SARA0037	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/16/73-05/29/75	1	21	
SARA0046	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/22/87-11/02/88	1	16	
SARA0047	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/22/87-11/02/88	1	16	
SARA0063	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/26/77-11/12/86	9	83	
SARA0064	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/26/77-11/12/86	9	71	
SARA0066	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/21/74-05/19/75	1	12	
SARA0067	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/02/73-12/06/78	5	90	
SARA0068	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/26/77-11/05/81	4	28	
SARA0069	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/26/77-10/08/80	3	20	
SARA0003	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/30/73-08/21/73	0	3	
SARA0013	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/30/73-08/21/73	0	3	
SARA0028	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/14/73-09/05/73	0	5	
SARA0037	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/30/73-09/18/73	0	5	

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

Station/Parameter Period of Record Tabulation
From 04/23/64 To 05/09/94

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
SARA0066	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/30/73-08/21/73	0	3	
SARA0067	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/14/73-09/05/73	0	5	
SARA0031	No	00633	NITRITE PLUS NITRATE,BOT. DEPOS. (MG/KG-N DRY WT)	08/24/75-08/24/75	0	1	
SARA0001	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/16/73-09/09/76	2	14	
SARA0003	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	02/16/72-11/28/72	0	10	
SARA0004	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/16/73-09/09/76	2	14	
SARA0018	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/19/68-08/19/68	0	1	
SARA0021	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/13/73-09/08/76	2	24	
SARA0022	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/13/73-09/08/76	2	25	
SARA0037	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	02/02/72-09/26/72	0	17	
SARA0038	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/15/73-11/13/73	0	2	
SARA0039	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/15/73-11/13/73	0	2	
SARA0063	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	06/11/75-09/09/76	1	15	
SARA0064	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	06/11/75-09/09/76	1	16	
SARA0067	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	02/02/72-09/12/72	0	9	
SARA0068	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	06/26/75-09/09/76	1	13	
SARA0069	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	06/26/75-09/09/76	1	15	
SARA0001	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/29/65-09/14/71	6	76	
SARA0003	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/24/72-11/13/73	1	9	
SARA0004	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/29/65-09/14/71	6	76	
SARA0013	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/17/73-04/15/74	1	11	
SARA0028	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	12/12/72-04/15/74	1	17	
SARA0030	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/29/65-09/30/68	3	48	
SARA0034	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/29/65-09/30/68	3	48	
SARA0037	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/24/72-04/15/74	1	24	
SARA0038	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/14/68-09/29/71	2	73	
SARA0039	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/14/68-09/29/71	2	73	
SARA0063	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/10/69-09/29/71	2	36	
SARA0064	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/10/69-09/29/71	2	36	
SARA0066	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	02/06/73-04/15/74	1	9	
SARA0067	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/11/72-04/15/74	1	21	
SARA0003	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/27/70-05/21/75	4	41	
SARA0009	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/14/77-11/07/88	11	62	
SARA0013	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/17/73-04/07/75	2	22	
SARA0028	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/12/72-04/07/75	2	29	
SARA0031	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/21/75-12/08/87	12	41	
SARA0037	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/15/70-05/29/75	4	86	
SARA0046	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/22/87-11/02/88	1	16	
SARA0066	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/06/73-05/19/75	2	18	
SARA0067	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/15/70-12/06/78	8	128	
SARA0031	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	08/24/75-08/24/75	0	1	
SARA0001	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/29/75-11/04/81	6	40	
SARA0003	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/11/72-11/13/73	1	16	
SARA0004	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/29/75-10/09/80	4	32	
SARA0009	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/22/87-11/07/88	1	16	
SARA0010	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/22/87-11/07/88	1	16	
SARA0013	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/17/73-04/15/74	1	11	
SARA0021	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/18/75-03/18/82	6	47	
SARA0022	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/18/75-03/18/82	6	36	
SARA0025	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/26/77-11/12/86	9	80	
SARA0027	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/26/77-11/12/86	9	79	
SARA0028	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/12/72-04/15/74	1	17	
SARA0030	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	02/26/81-12/08/87	6	16	
SARA0031	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/30/87-12/08/87	0	6	
SARA0037	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/11/72-04/15/74	2	36	
SARA0046	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/22/87-11/02/88	1	16	
SARA0047	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/22/87-11/02/88	1	16	
SARA0063	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/29/75-11/12/86	11	92	
SARA0064	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/29/75-11/12/86	11	80	
SARA0066	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	02/06/73-04/15/74	1	9	
SARA0067	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/26/72-04/15/74	1	27	
SARA0068	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/29/75-11/05/81	6	37	
SARA0069	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/29/75-10/08/80	4	29	
SARA0003	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/14/74-05/21/75	0	5	
SARA0013	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/05/74-04/07/75	0	8	
SARA0018	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/19/68-08/19/68	0	1	
SARA0028	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/05/74-04/07/75	0	9	
SARA0037	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/14/74-05/29/75	0	11	
SARA0066	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/05/74-05/19/75	0	6	
SARA0067	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/05/74-05/27/75	0	10	
SARA0031	No	00686	CARBON, INORGANIC, IN BED MATERIAL (GM/KG AS C)	08/24/75-08/24/75	0	1	
SARA0031	No	00687	CARBON, ORGANIC, IN BED MATERIAL (GM/KG AS C)	08/24/75-08/24/75	0	1	

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

Station/Parameter Period of Record Tabulation
From 04/23/64 To 05/09/94

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
SARA0037	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	10/11/72-04/08/75	2	23	
SARA0031	No	00721	CYANIDE IN BOTTOM DEPOSITS (MG/KG AS CN DRY WGT)	08/24/75-08/24/75	0	1	
SARA0001	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/29/65-10/09/80	15	82	T,S
SARA0003	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/23/69-11/13/73	4	52	
SARA0004	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/29/65-10/09/80	15	82	T,S
SARA0005	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/06/66-10/06/66	0	1	
SARA0009	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/24/87-09/24/87	0	1	
SARA0010	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/22/87-11/07/88	1	15	
SARA0013	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/17/73-04/15/74	1	11	
SARA0015	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/13/74-09/30/74	0	6	
SARA0021	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/13/73-10/09/80	6	11	
SARA0022	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/13/73-10/09/80	6	11	
SARA0023	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/29/86-11/10/86	0	6	
SARA0025	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/13/74-11/12/86	12	21	
SARA0027	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/13/74-11/12/86	12	15	
SARA0028	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/12/72-04/15/74	1	17	
SARA0030	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/29/65-12/08/87	22	54	S
SARA0031	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/21/75-03/29/76	0	3	
SARA0032	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/11/66-10/11/66	0	1	
SARA0034	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/29/65-09/30/68	3	48	
SARA0037	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/07/69-04/15/74	5	112	
SARA0038	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/14/68-10/15/73	5	75	
SARA0039	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/14/68-10/15/73	5	75	
SARA0047	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/22/87-11/02/88	1	16	
SARA0063	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/10/69-11/12/86	17	52	S
SARA0064	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/10/69-11/12/86	17	52	S
SARA0066	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/06/73-04/15/74	1	9	
SARA0067	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/23/69-04/15/74	4	65	
SARA0068	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/13/74-09/30/74	0	6	
SARA0069	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/13/74-09/30/74	0	6	
SARA0003	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/23/69-11/13/73	4	52	
SARA0005	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/06/66-10/06/66	0	1	
SARA0013	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/17/73-04/15/74	1	11	
SARA0028	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	12/12/72-04/15/74	1	17	
SARA0031	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/21/75-03/29/76	0	3	
SARA0032	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/11/66-10/11/66	0	1	
SARA0037	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/07/69-04/15/74	5	112	
SARA0066	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	02/06/73-04/15/74	1	9	
SARA0067	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/23/69-04/15/74	4	65	
SARA0001	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/29/65-10/16/73	8	77	
SARA0003	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/23/69-11/13/73	4	52	
SARA0005	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/06/66-10/06/66	0	1	
SARA0009	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/22/87-11/07/88	1	15	
SARA0013	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/17/73-04/15/74	1	11	
SARA0021	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/13/73-09/03/74	0	10	
SARA0028	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	12/12/72-04/15/74	1	17	
SARA0030	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/29/65-09/30/68	3	48	
SARA0031	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/21/75-12/08/87	12	9	
SARA0032	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/11/66-10/11/66	0	1	
SARA0037	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/07/69-04/15/74	5	112	
SARA0039	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/14/68-10/15/73	5	75	
SARA0046	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/22/87-11/02/88	1	16	
SARA0063	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/10/69-09/29/71	2	36	
SARA0066	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/06/73-04/15/74	1	9	
SARA0067	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/23/69-04/15/74	4	65	
SARA0001	No	00916	CALCIUM, TOTAL (MG/L AS CA)	11/07/85-11/07/85	0	1	
SARA0002	No	00916	CALCIUM, TOTAL (MG/L AS CA)	11/07/85-11/07/85	0	1	
SARA0003	No	00916	CALCIUM, TOTAL (MG/L AS CA)	06/11/74-04/21/75	0	7	
SARA0004	No	00916	CALCIUM, TOTAL (MG/L AS CA)	03/29/65-10/16/73	8	77	
SARA0010	No	00916	CALCIUM, TOTAL (MG/L AS CA)	04/22/87-11/07/88	1	15	
SARA0013	No	00916	CALCIUM, TOTAL (MG/L AS CA)	05/13/74-04/07/75	0	11	
SARA0022	No	00916	CALCIUM, TOTAL (MG/L AS CA)	11/13/73-09/03/74	0	10	
SARA0023	No	00916	CALCIUM, TOTAL (MG/L AS CA)	11/07/85-11/07/85	0	1	
SARA0025	No	00916	CALCIUM, TOTAL (MG/L AS CA)	11/07/85-11/07/85	0	1	
SARA0028	No	00916	CALCIUM, TOTAL (MG/L AS CA)	05/13/74-04/07/75	0	11	
SARA0030	No	00916	CALCIUM, TOTAL (MG/L AS CA)	04/30/87-12/08/87	0	6	
SARA0034	No	00916	CALCIUM, TOTAL (MG/L AS CA)	03/29/65-09/30/68	3	48	
SARA0037	No	00916	CALCIUM, TOTAL (MG/L AS CA)	05/14/74-04/28/75	0	13	
SARA0038	No	00916	CALCIUM, TOTAL (MG/L AS CA)	10/14/68-10/15/73	5	75	
SARA0047	No	00916	CALCIUM, TOTAL (MG/L AS CA)	04/22/87-11/02/88	1	16	
SARA0064	No	00916	CALCIUM, TOTAL (MG/L AS CA)	03/10/69-09/29/71	2	36	
SARA0066	No	00916	CALCIUM, TOTAL (MG/L AS CA)	05/13/74-05/19/75	1	9	

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

Station/Parameter Period of Record Tabulation
From 04/23/64 To 05/09/94

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
SARA0067	No	00916	CALCIUM, TOTAL (MG/L AS CA)	05/13/74-05/27/75	1	13	
SARA0001	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/21/65-10/16/73	8	75	
SARA0003	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/23/69-11/13/73	4	52	
SARA0005	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/06/66-10/06/66	0	1	
SARA0009	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/22/87-11/07/88	1	15	
SARA0013	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/17/73-04/15/74	1	11	
SARA0021	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/13/73-09/03/74	0	10	
SARA0028	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	12/12/72-04/15/74	1	17	
SARA0030	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/21/65-09/30/68	3	46	
SARA0031	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/21/75-12/08/87	12	9	
SARA0032	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/11/66-10/11/66	0	1	
SARA0037	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/07/69-04/15/74	5	112	
SARA0039	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/14/68-10/15/73	5	75	
SARA0046	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/22/87-11/02/88	1	16	
SARA0063	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/10/69-09/29/71	2	36	
SARA0066	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/06/73-04/15/74	1	9	
SARA0067	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/23/69-04/15/74	4	65	
SARA0001	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	11/07/85-11/07/85	0	1	
SARA0002	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	11/07/85-11/07/85	0	1	
SARA0003	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/11/74-05/21/75	0	8	
SARA0004	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	09/21/65-10/16/73	8	75	
SARA0010	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	04/22/87-11/07/88	1	15	
SARA0013	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	05/13/74-04/07/75	0	11	
SARA0022	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	11/13/73-09/03/74	0	10	
SARA0023	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	11/07/85-11/07/85	0	1	
SARA0025	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	11/07/85-11/07/85	0	1	
SARA0028	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	05/13/74-04/07/75	0	11	
SARA0030	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	04/30/87-12/08/87	0	6	
SARA0034	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	09/21/65-09/30/68	3	46	
SARA0037	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	05/14/74-05/29/75	1	14	
SARA0038	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	10/14/68-10/15/73	5	75	
SARA0047	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	04/22/87-11/02/88	1	16	
SARA0064	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	03/10/69-09/29/71	2	36	
SARA0066	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	05/13/74-05/19/75	1	9	
SARA0067	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	05/13/74-05/27/75	1	14	
SARA0003	No	00929	SODIUM, TOTAL (MG/L AS NA)	06/11/74-05/21/75	0	8	
SARA0004	No	00929	SODIUM, TOTAL (MG/L AS NA)	03/29/65-10/16/73	8	76	
SARA0010	No	00929	SODIUM, TOTAL (MG/L AS NA)	03/31/88-11/07/88	0	9	
SARA0013	No	00929	SODIUM, TOTAL (MG/L AS NA)	05/13/74-04/07/75	0	11	
SARA0022	No	00929	SODIUM, TOTAL (MG/L AS NA)	11/13/73-09/03/74	0	10	
SARA0028	No	00929	SODIUM, TOTAL (MG/L AS NA)	05/13/74-04/07/75	0	11	
SARA0034	No	00929	SODIUM, TOTAL (MG/L AS NA)	03/29/65-09/30/68	3	48	
SARA0037	No	00929	SODIUM, TOTAL (MG/L AS NA)	05/14/74-05/29/75	1	14	
SARA0038	No	00929	SODIUM, TOTAL (MG/L AS NA)	10/14/68-11/13/73	5	76	
SARA0047	No	00929	SODIUM, TOTAL (MG/L AS NA)	03/28/88-11/02/88	0	9	
SARA0064	No	00929	SODIUM, TOTAL (MG/L AS NA)	03/10/69-09/29/71	2	36	
SARA0066	No	00929	SODIUM, TOTAL (MG/L AS NA)	05/13/74-05/19/75	1	9	
SARA0067	No	00929	SODIUM, TOTAL (MG/L AS NA)	05/13/74-05/27/75	1	14	
SARA0001	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/29/65-10/16/73	8	76	
SARA0003	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/23/69-11/13/73	4	52	
SARA0005	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/06/66-10/06/66	0	1	
SARA0009	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/31/88-11/07/88	0	9	
SARA0013	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	01/17/73-04/15/74	1	11	
SARA0021	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	11/13/73-09/03/74	0	10	
SARA0028	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	12/12/72-04/15/74	1	17	
SARA0030	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/29/65-09/30/68	3	48	
SARA0031	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/21/75-03/29/76	0	3	
SARA0032	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/11/66-10/11/66	0	1	
SARA0037	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/07/69-04/15/74	5	112	
SARA0039	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/14/68-11/13/73	5	76	
SARA0046	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/28/88-11/02/88	0	9	
SARA0063	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/10/69-09/29/71	2	36	
SARA0066	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	02/06/73-04/15/74	1	9	
SARA0067	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/23/69-04/15/74	4	65	
SARA0003	No	00931	SODIUM ADSORPTION RATIO	04/23/69-11/13/73	4	43	
SARA0005	No	00931	SODIUM ADSORPTION RATIO	10/06/66-10/06/66	0	1	
SARA0010	No	00931	SODIUM ADSORPTION RATIO	03/31/88-11/07/88	0	9	
SARA0013	No	00931	SODIUM ADSORPTION RATIO	01/17/73-04/15/74	1	11	
SARA0028	No	00931	SODIUM ADSORPTION RATIO	12/12/72-04/15/74	1	17	
SARA0031	No	00931	SODIUM ADSORPTION RATIO	04/21/75-03/29/76	0	3	
SARA0032	No	00931	SODIUM ADSORPTION RATIO	10/11/66-10/11/66	0	1	
SARA0037	No	00931	SODIUM ADSORPTION RATIO	04/07/69-04/15/74	5	93	

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

Station/Parameter Period of Record Tabulation
From 04/23/64 To 05/09/94

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
SARA0047	No	00931	SODIUM ADSORPTION RATIO	03/28/88-11/02/88	0	9	
SARA0066	No	00931	SODIUM ADSORPTION RATIO	02/06/73-04/15/74	1	9	
SARA0067	No	00931	SODIUM ADSORPTION RATIO	04/23/69-04/15/74	4	55	
SARA0003	No	00932	SODIUM, PERCENT	04/23/69-11/13/73	4	43	
SARA0005	No	00932	SODIUM, PERCENT	10/06/66-10/06/66	0	1	
SARA0010	No	00932	SODIUM, PERCENT	03/31/88-11/07/88	0	9	
SARA0013	No	00932	SODIUM, PERCENT	01/17/73-04/15/74	1	11	
SARA0028	No	00932	SODIUM, PERCENT	12/12/72-04/15/74	1	17	
SARA0031	No	00932	SODIUM, PERCENT	04/21/75-03/29/76	0	3	
SARA0032	No	00932	SODIUM, PERCENT	10/11/66-10/11/66	0	1	
SARA0037	No	00932	SODIUM, PERCENT	04/07/69-04/15/74	5	93	
SARA0047	No	00932	SODIUM, PERCENT	03/28/88-11/02/88	0	9	
SARA0066	No	00932	SODIUM, PERCENT	02/06/73-04/15/74	1	9	
SARA0067	No	00932	SODIUM, PERCENT	04/23/69-04/15/74	4	55	
SARA0001	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/29/65-10/16/73	8	77	
SARA0003	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/23/69-11/13/73	4	52	
SARA0005	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/06/66-10/06/66	0	1	
SARA0009	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/31/88-11/07/88	0	9	
SARA0013	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/17/73-04/15/74	1	11	
SARA0021	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/13/73-09/03/74	0	10	
SARA0028	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	12/12/72-04/15/74	1	17	
SARA0030	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/29/65-09/30/68	3	48	
SARA0031	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/21/75-03/29/76	0	3	
SARA0032	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/11/66-10/11/66	0	1	
SARA0037	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/07/69-04/15/74	5	112	
SARA0039	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/14/68-10/15/73	5	75	
SARA0046	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/28/88-11/02/88	0	9	
SARA0063	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/10/69-09/29/71	2	36	
SARA0066	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/06/73-04/15/74	1	9	
SARA0067	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/23/69-04/15/74	4	65	
SARA0003	No	00937	POTASSIUM, TOTAL MG/L AS K)	06/11/74-05/21/75	0	8	
SARA0004	No	00937	POTASSIUM, TOTAL MG/L AS K)	03/29/65-10/16/73	8	77	
SARA0010	No	00937	POTASSIUM, TOTAL MG/L AS K)	03/31/88-11/07/88	0	9	
SARA0013	No	00937	POTASSIUM, TOTAL MG/L AS K)	05/13/74-04/07/75	0	11	
SARA0022	No	00937	POTASSIUM, TOTAL MG/L AS K)	11/13/73-09/03/74	0	10	
SARA0028	No	00937	POTASSIUM, TOTAL MG/L AS K)	05/13/74-04/07/75	0	11	
SARA0034	No	00937	POTASSIUM, TOTAL MG/L AS K)	03/29/65-09/30/68	3	48	
SARA0037	No	00937	POTASSIUM, TOTAL MG/L AS K)	05/14/74-05/29/75	1	14	
SARA0038	No	00937	POTASSIUM, TOTAL MG/L AS K)	10/14/68-10/15/73	5	75	
SARA0047	No	00937	POTASSIUM, TOTAL MG/L AS K)	03/28/88-11/02/88	0	9	
SARA0064	No	00937	POTASSIUM, TOTAL MG/L AS K)	03/10/69-09/29/71	2	36	
SARA0066	No	00937	POTASSIUM, TOTAL MG/L AS K)	05/13/74-05/19/75	1	9	
SARA0067	No	00937	POTASSIUM, TOTAL MG/L AS K)	05/13/74-05/27/75	1	14	
SARA0001	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/22/81-11/04/81	0	8	
SARA0003	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/23/69-05/21/75	6	60	
SARA0004	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/29/65-10/09/80	15	113	T,S
SARA0005	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/06/66-10/06/66	0	1	
SARA0009	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/31/88-11/07/88	0	9	
SARA0010	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/31/88-11/07/88	0	9	
SARA0013	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/17/73-04/07/75	2	22	
SARA0021	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/28/81-03/18/82	1	12	
SARA0022	No	00940	CHLORIDE,TOTAL IN WATER MG/L	11/13/73-03/18/82	8	55	
SARA0025	No	00940	CHLORIDE,TOTAL IN WATER MG/L	02/26/81-12/02/85	4	47	
SARA0027	No	00940	CHLORIDE,TOTAL IN WATER MG/L	05/26/77-12/02/85	8	74	
SARA0028	No	00940	CHLORIDE,TOTAL IN WATER MG/L	12/12/72-04/07/75	2	29	
SARA0030	No	00940	CHLORIDE,TOTAL IN WATER MG/L	02/26/81-11/04/81	0	10	
SARA0031	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/21/75-03/29/76	0	3	
SARA0032	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/11/66-10/11/66	0	1	
SARA0034	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/29/65-09/16/68	3	47	
SARA0037	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/07/69-05/29/75	6	126	
SARA0038	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/14/68-10/15/73	5	75	
SARA0046	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/28/88-11/02/88	0	9	
SARA0047	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/28/88-11/02/88	0	9	
SARA0063	No	00940	CHLORIDE,TOTAL IN WATER MG/L	02/26/81-12/19/85	4	48	
SARA0064	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/10/69-12/19/85	16	116	T,S
SARA0066	No	00940	CHLORIDE,TOTAL IN WATER MG/L	02/06/73-05/19/75	2	18	
SARA0067	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/23/69-05/27/75	6	79	
SARA0068	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/22/81-11/05/81	0	8	
SARA0069	No	00940	CHLORIDE,TOTAL IN WATER MG/L	06/26/75-10/08/80	5	37	
SARA0001	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/29/65-10/09/80	15	113	T,S
SARA0021	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	11/13/73-10/09/80	6	53	
SARA0025	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/26/77-10/08/80	3	28	

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

Station/Parameter Period of Record Tabulation
From 04/23/64 To 05/09/94

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
SARA0030	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/29/65-09/16/68	3	47	
SARA0039	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/14/68-10/15/73	5	75	
SARA0063	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/10/69-10/08/80	11	79	
SARA0068	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/26/75-10/08/80	5	35	
SARA0001	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/21/65-10/16/73	8	75	
SARA0003	No	00945	SULFATE, TOTAL (MG/L AS SO4)	04/23/69-05/21/75	6	60	
SARA0004	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/21/65-10/16/73	8	75	
SARA0005	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/06/66-10/06/66	0	1	
SARA0009	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/31/88-11/07/88	0	9	
SARA0010	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/31/88-11/07/88	0	9	
SARA0013	No	00945	SULFATE, TOTAL (MG/L AS SO4)	01/17/73-04/07/75	2	22	
SARA0021	No	00945	SULFATE, TOTAL (MG/L AS SO4)	11/13/73-01/28/81	7	12	
SARA0022	No	00945	SULFATE, TOTAL (MG/L AS SO4)	11/13/73-09/10/80	6	11	
SARA0028	No	00945	SULFATE, TOTAL (MG/L AS SO4)	12/12/72-04/07/75	2	29	
SARA0030	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/21/65-09/30/68	3	46	
SARA0031	No	00945	SULFATE, TOTAL (MG/L AS SO4)	04/21/75-03/29/76	0	3	
SARA0032	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/11/66-10/11/66	0	1	
SARA0034	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/21/65-09/30/68	3	46	
SARA0037	No	00945	SULFATE, TOTAL (MG/L AS SO4)	04/07/69-05/29/75	6	126	
SARA0038	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/14/68-11/13/73	5	76	
SARA0039	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/14/68-11/13/73	5	76	
SARA0046	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/28/88-11/02/88	0	9	
SARA0047	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/28/88-11/02/88	0	9	
SARA0063	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/10/69-09/29/71	2	36	
SARA0064	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/10/69-09/29/71	2	36	
SARA0066	No	00945	SULFATE, TOTAL (MG/L AS SO4)	02/06/73-05/19/75	2	18	
SARA0067	No	00945	SULFATE, TOTAL (MG/L AS SO4)	04/23/69-05/27/75	6	79	
SARA0003	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/23/69-11/13/73	4	52	
SARA0005	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/06/66-10/06/66	0	1	
SARA0009	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/31/88-11/07/88	0	9	
SARA0013	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/17/73-04/15/74	1	11	
SARA0028	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/12/72-04/15/74	1	17	
SARA0032	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/11/66-10/11/66	0	1	
SARA0037	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/07/69-04/15/74	5	112	
SARA0046	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/28/88-11/02/88	0	9	
SARA0066	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/06/73-04/15/74	1	9	
SARA0067	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/23/69-04/15/74	4	65	
SARA0001	No	00951	FLUORIDE, TOTAL (MG/L AS F)	04/23/69-10/16/73	4	30	
SARA0003	No	00951	FLUORIDE, TOTAL (MG/L AS F)	06/11/74-06/11/74	0	1	
SARA0004	No	00951	FLUORIDE, TOTAL (MG/L AS F)	04/23/69-10/16/73	4	30	
SARA0010	No	00951	FLUORIDE, TOTAL (MG/L AS F)	03/31/88-11/07/88	0	9	
SARA0013	No	00951	FLUORIDE, TOTAL (MG/L AS F)	05/13/74-06/10/74	0	2	
SARA0021	No	00951	FLUORIDE, TOTAL (MG/L AS F)	11/13/73-06/11/74	0	7	
SARA0022	No	00951	FLUORIDE, TOTAL (MG/L AS F)	11/13/73-06/11/74	0	7	
SARA0028	No	00951	FLUORIDE, TOTAL (MG/L AS F)	05/13/74-06/10/74	0	2	
SARA0037	No	00951	FLUORIDE, TOTAL (MG/L AS F)	05/14/74-06/11/74	0	2	
SARA0038	No	00951	FLUORIDE, TOTAL (MG/L AS F)	04/07/69-11/13/73	4	62	
SARA0039	No	00951	FLUORIDE, TOTAL (MG/L AS F)	04/07/69-11/13/73	4	62	
SARA0047	No	00951	FLUORIDE, TOTAL (MG/L AS F)	03/28/88-11/02/88	0	9	
SARA0063	No	00951	FLUORIDE, TOTAL (MG/L AS F)	04/23/69-09/29/71	2	31	
SARA0064	No	00951	FLUORIDE, TOTAL (MG/L AS F)	04/23/69-09/29/71	2	31	
SARA0066	No	00951	FLUORIDE, TOTAL (MG/L AS F)	05/13/74-06/10/74	0	2	
SARA0067	No	00951	FLUORIDE, TOTAL (MG/L AS F)	05/13/74-06/10/74	0	2	
SARA0003	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/23/69-06/11/74	5	53	
SARA0005	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/06/66-10/06/66	0	1	
SARA0013	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	01/17/73-06/10/74	1	13	
SARA0028	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	12/12/72-06/10/74	1	19	
SARA0032	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/11/66-10/11/66	0	1	
SARA0037	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/07/69-06/11/74	5	114	
SARA0066	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	02/06/73-06/10/74	1	11	
SARA0067	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/23/69-06/10/74	5	67	
SARA0001	No	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	07/16/81-11/07/85	4	17	
SARA0025	No	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	07/15/81-11/10/86	5	14	
SARA0068	No	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	07/16/81-09/10/81	0	2	
SARA0010	No	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	04/22/87-11/07/88	1	16	
SARA0030	No	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	01/08/87-12/08/87	0	14	
SARA0047	No	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	04/22/87-11/02/88	1	16	
SARA0001	No	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	07/16/81-11/07/85	4	17	
SARA0025	No	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	07/15/81-11/10/86	5	14	
SARA0068	No	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	07/16/81-09/10/81	0	2	
SARA0001	No	00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	09/10/81-11/07/85	4	16	
SARA0025	No	00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	09/10/81-11/10/86	5	13	

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

Station/Parameter Period of Record Tabulation
From 04/23/64 To 05/09/94

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
SARA0068	No	00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	09/10/81-09/10/81	0	1	
SARA0001	No	00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	07/16/81-11/07/85	4	17	
SARA0025	No	00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	07/15/81-11/10/86	5	14	
SARA0068	No	00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	07/16/81-09/10/81	0	2	
SARA0003	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/09/72-05/09/72	0	1	
SARA0009	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	03/30/76-03/30/76	0	1	
SARA0028	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	04/03/76-04/03/76	0	1	
SARA0031	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	04/03/76-04/03/76	0	1	
SARA0037	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/22/70-09/12/72	1	7	
SARA0067	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/27/71-09/12/72	0	5	
SARA0002	No	01002	ARSENIC, TOTAL (UG/L AS AS)	09/01/83-11/07/85	2	15	
SARA0003	No	01002	ARSENIC, TOTAL (UG/L AS AS)	10/24/72-08/14/74	1	4	
SARA0009	No	01002	ARSENIC, TOTAL (UG/L AS AS)	03/30/76-03/30/76	0	1	
SARA0013	No	01002	ARSENIC, TOTAL (UG/L AS AS)	05/30/73-10/28/74	1	5	
SARA0023	No	01002	ARSENIC, TOTAL (UG/L AS AS)	04/23/85-11/10/86	1	12	
SARA0027	No	01002	ARSENIC, TOTAL (UG/L AS AS)	07/15/81-09/10/81	0	2	
SARA0028	No	01002	ARSENIC, TOTAL (UG/L AS AS)	04/16/73-04/03/76	2	6	
SARA0031	No	01002	ARSENIC, TOTAL (UG/L AS AS)	04/21/75-04/03/76	0	4	
SARA0037	No	01002	ARSENIC, TOTAL (UG/L AS AS)	10/11/72-04/08/75	2	28	
SARA0066	No	01002	ARSENIC, TOTAL (UG/L AS AS)	05/30/73-10/28/74	1	5	
SARA0067	No	01002	ARSENIC, TOTAL (UG/L AS AS)	04/16/73-10/28/74	1	5	
SARA0031	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	08/24/75-08/24/75	0	1	
SARA0002	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	09/01/83-11/07/85	2	15	
SARA0023	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	04/23/85-11/10/86	1	12	
SARA0027	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	07/15/81-09/10/81	0	2	
SARA0031	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	09/11/86-03/27/87	0	25	
SARA0009	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	03/30/76-11/07/88	12	7	
SARA0010	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/29/87-11/07/88	1	6	
SARA0028	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	04/03/76-04/03/76	0	1	
SARA0030	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/28/87-09/22/87	0	2	
SARA0031	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	04/03/76-09/22/87	11	3	
SARA0037	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/22/70-10/22/70	0	1	
SARA0046	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/26/87-11/02/88	1	5	
SARA0047	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/26/87-11/02/88	1	5	
SARA0002	No	01027	CADMIUM, TOTAL (UG/L AS CD)	09/01/83-11/07/85	2	15	
SARA0009	No	01027	CADMIUM, TOTAL (UG/L AS CD)	03/30/76-11/07/88	12	17	
SARA0023	No	01027	CADMIUM, TOTAL (UG/L AS CD)	04/23/85-11/10/86	1	12	
SARA0028	No	01027	CADMIUM, TOTAL (UG/L AS CD)	04/03/76-04/03/76	0	1	
SARA0031	No	01027	CADMIUM, TOTAL (UG/L AS CD)	04/21/75-12/08/87	12	35	
SARA0037	No	01027	CADMIUM, TOTAL (UG/L AS CD)	10/11/72-01/22/74	1	13	
SARA0046	No	01027	CADMIUM, TOTAL (UG/L AS CD)	04/22/87-11/02/88	1	16	
SARA0009	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/26/87-08/15/88	0	2	
SARA0010	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/26/87-08/15/88	0	2	
SARA0031	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/24/75-08/24/75	0	1	
SARA0046	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/26/87-08/15/88	0	2	
SARA0047	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/26/87-08/15/88	0	2	
SARA0009	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/26/87-10/26/87	0	1	
SARA0010	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/26/87-10/26/87	0	1	
SARA0031	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/24/75-08/24/75	0	1	
SARA0046	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/26/87-10/26/87	0	1	
SARA0047	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/26/87-10/26/87	0	1	
SARA0037	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	10/22/70-01/22/74	3	13	
SARA0002	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	09/01/83-11/07/85	2	15	
SARA0023	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	04/23/85-11/10/86	1	12	
SARA0027	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/15/81-09/10/81	0	2	
SARA0031	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	04/21/75-03/27/87	11	28	
SARA0037	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/11/72-01/22/74	1	13	
SARA0037	No	01035	COBALT, DISSOLVED (UG/L AS CO)	10/22/70-10/22/70	0	1	
SARA0009	No	01040	COPPER, DISSOLVED (UG/L AS CU)	03/30/76-11/07/88	12	7	
SARA0010	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/29/87-11/07/88	1	6	
SARA0028	No	01040	COPPER, DISSOLVED (UG/L AS CU)	04/03/76-04/03/76	0	1	
SARA0030	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/28/87-09/22/87	0	2	
SARA0031	No	01040	COPPER, DISSOLVED (UG/L AS CU)	04/03/76-09/22/87	11	3	
SARA0046	No	01040	COPPER, DISSOLVED (UG/L AS CU)	10/26/87-11/02/88	1	5	
SARA0047	No	01040	COPPER, DISSOLVED (UG/L AS CU)	10/26/87-11/02/88	1	5	
SARA0067	No	01040	COPPER, DISSOLVED (UG/L AS CU)	04/16/73-04/16/73	0	1	
SARA0002	No	01042	COPPER, TOTAL (UG/L AS CU)	09/01/83-11/07/85	2	15	
SARA0003	No	01042	COPPER, TOTAL (UG/L AS CU)	05/09/72-08/14/74	2	5	
SARA0009	No	01042	COPPER, TOTAL (UG/L AS CU)	03/30/76-11/07/88	12	17	
SARA0013	No	01042	COPPER, TOTAL (UG/L AS CU)	05/30/73-10/28/74	1	5	
SARA0023	No	01042	COPPER, TOTAL (UG/L AS CU)	04/23/85-11/10/86	1	12	
SARA0027	No	01042	COPPER, TOTAL (UG/L AS CU)	07/15/81-09/10/81	0	2	

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

Station/Parameter Period of Record Tabulation
From 04/23/64 To 05/09/94

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
SARA0028	No	01042	COPPER, TOTAL (UG/L AS CU)	04/16/73-04/03/76	2	6	
SARA0031	No	01042	COPPER, TOTAL (UG/L AS CU)	04/21/75-12/08/87	12	35	
SARA0037	No	01042	COPPER, TOTAL (UG/L AS CU)	10/27/71-04/08/75	3	33	
SARA0046	No	01042	COPPER, TOTAL (UG/L AS CU)	04/22/87-11/02/88	1	16	
SARA0066	No	01042	COPPER, TOTAL (UG/L AS CU)	05/30/73-10/28/74	1	5	
SARA0067	No	01042	COPPER, TOTAL (UG/L AS CU)	10/27/71-10/28/74	3	10	
SARA0009	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	10/26/87-08/15/88	0	2	
SARA0010	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	10/26/87-08/15/88	0	2	
SARA0031	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/24/75-08/24/75	0	1	
SARA0046	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	10/26/87-08/15/88	0	2	
SARA0047	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	10/26/87-08/15/88	0	2	
SARA0001	No	01045	IRON, TOTAL (UG/L AS FE)	03/29/65-10/16/73	8	76	
SARA0003	No	01045	IRON, TOTAL (UG/L AS FE)	05/30/73-05/21/75	1	11	
SARA0004	No	01045	IRON, TOTAL (UG/L AS FE)	03/29/65-09/14/71	6	75	
SARA0009	No	01045	IRON, TOTAL (UG/L AS FE)	03/30/76-11/07/88	12	81	
SARA0013	No	01045	IRON, TOTAL (UG/L AS FE)	05/30/73-04/07/75	1	18	
SARA0021	No	01045	IRON, TOTAL (UG/L AS FE)	01/22/74-09/03/74	0	9	
SARA0028	No	01045	IRON, TOTAL (UG/L AS FE)	04/16/73-04/03/76	2	21	
SARA0030	No	01045	IRON, TOTAL (UG/L AS FE)	03/29/65-09/30/68	3	48	
SARA0031	No	01045	IRON, TOTAL (UG/L AS FE)	04/21/75-12/08/87	12	106	
SARA0034	No	01045	IRON, TOTAL (UG/L AS FE)	03/29/65-09/30/68	3	48	
SARA0037	No	01045	IRON, TOTAL (UG/L AS FE)	02/06/73-05/29/75	2	27	
SARA0038	No	01045	IRON, TOTAL (UG/L AS FE)	10/14/68-09/29/71	2	74	
SARA0039	No	01045	IRON, TOTAL (UG/L AS FE)	10/14/68-11/13/73	5	75	
SARA0046	No	01045	IRON, TOTAL (UG/L AS FE)	04/22/87-11/02/88	1	16	
SARA0063	No	01045	IRON, TOTAL (UG/L AS FE)	03/10/69-09/29/71	2	36	
SARA0064	No	01045	IRON, TOTAL (UG/L AS FE)	03/10/69-09/29/71	2	36	
SARA0066	No	01045	IRON, TOTAL (UG/L AS FE)	05/30/73-05/19/75	1	13	
SARA0067	No	01045	IRON, TOTAL (UG/L AS FE)	04/16/73-03/23/80	6	131	
SARA0009	No	01046	IRON, DISSOLVED (UG/L AS FE)	03/30/76-11/07/88	12	5	
SARA0010	No	01046	IRON, DISSOLVED (UG/L AS FE)	03/31/88-11/07/88	0	4	
SARA0028	No	01046	IRON, DISSOLVED (UG/L AS FE)	04/03/76-04/03/76	0	1	
SARA0031	No	01046	IRON, DISSOLVED (UG/L AS FE)	04/03/76-04/03/76	0	1	
SARA0037	No	01046	IRON, DISSOLVED (UG/L AS FE)	10/22/70-10/22/70	0	1	
SARA0046	No	01046	IRON, DISSOLVED (UG/L AS FE)	03/28/88-11/02/88	0	4	
SARA0047	No	01046	IRON, DISSOLVED (UG/L AS FE)	03/28/88-11/02/88	0	4	
SARA0009	No	01049	LEAD, DISSOLVED (UG/L AS PB)	03/30/76-11/07/88	12	7	
SARA0010	No	01049	LEAD, DISSOLVED (UG/L AS PB)	07/29/87-11/07/88	1	6	
SARA0028	No	01049	LEAD, DISSOLVED (UG/L AS PB)	04/03/76-04/03/76	0	1	
SARA0030	No	01049	LEAD, DISSOLVED (UG/L AS PB)	07/28/87-09/22/87	0	2	
SARA0031	No	01049	LEAD, DISSOLVED (UG/L AS PB)	04/03/76-09/22/87	11	3	
SARA0037	No	01049	LEAD, DISSOLVED (UG/L AS PB)	10/22/70-10/22/70	0	1	
SARA0046	No	01049	LEAD, DISSOLVED (UG/L AS PB)	10/26/87-11/02/88	1	5	
SARA0047	No	01049	LEAD, DISSOLVED (UG/L AS PB)	10/26/87-11/02/88	1	5	
SARA0067	No	01049	LEAD, DISSOLVED (UG/L AS PB)	04/16/73-04/16/73	0	1	
SARA0002	No	01051	LEAD, TOTAL (UG/L AS PB)	09/01/83-11/07/85	2	15	
SARA0003	No	01051	LEAD, TOTAL (UG/L AS PB)	05/09/72-08/14/74	2	5	
SARA0009	No	01051	LEAD, TOTAL (UG/L AS PB)	03/30/76-11/07/88	12	75	
SARA0013	No	01051	LEAD, TOTAL (UG/L AS PB)	05/30/73-10/28/74	1	5	
SARA0023	No	01051	LEAD, TOTAL (UG/L AS PB)	04/23/85-11/10/86	1	12	
SARA0027	No	01051	LEAD, TOTAL (UG/L AS PB)	07/15/81-09/10/81	0	2	
SARA0028	No	01051	LEAD, TOTAL (UG/L AS PB)	04/16/73-04/03/76	2	6	
SARA0031	No	01051	LEAD, TOTAL (UG/L AS PB)	04/21/75-12/08/87	12	96	
SARA0037	No	01051	LEAD, TOTAL (UG/L AS PB)	02/02/72-04/08/75	3	29	
SARA0042	Yes	01051	LEAD, TOTAL (UG/L AS PB)	07/23/87-07/23/87	0	1	
SARA0045	Yes	01051	LEAD, TOTAL (UG/L AS PB)	07/23/87-07/23/87	0	1	
SARA0046	No	01051	LEAD, TOTAL (UG/L AS PB)	04/22/87-11/02/88	1	16	
SARA0049	Yes	01051	LEAD, TOTAL (UG/L AS PB)	07/23/87-07/23/87	0	1	
SARA0057	Yes	01051	LEAD, TOTAL (UG/L AS PB)	07/23/87-07/23/87	0	1	
SARA0058	Yes	01051	LEAD, TOTAL (UG/L AS PB)	07/23/87-07/23/87	0	1	
SARA0066	No	01051	LEAD, TOTAL (UG/L AS PB)	05/30/73-10/28/74	1	5	
SARA0067	No	01051	LEAD, TOTAL (UG/L AS PB)	02/02/72-10/31/79	7	108	
SARA0009	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	10/26/87-08/15/88	0	2	
SARA0010	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	10/26/87-08/15/88	0	2	
SARA0031	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/24/75-08/24/75	0	1	
SARA0046	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	10/26/87-08/15/88	0	2	
SARA0047	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	10/26/87-08/15/88	0	2	
SARA0009	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	10/26/87-08/15/88	0	2	
SARA0010	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	10/26/87-08/15/88	0	2	
SARA0031	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	08/24/75-08/24/75	0	1	
SARA0046	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	10/26/87-08/15/88	0	2	
SARA0047	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	10/26/87-08/15/88	0	2	

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

Station/Parameter Period of Record Tabulation
From 04/23/64 To 05/09/94

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
SARA0001	No	01055	MANGANESE, TOTAL (UG/L AS MN)	03/29/65-10/16/73	8	67	
SARA0003	No	01055	MANGANESE, TOTAL (UG/L AS MN)	04/23/69-05/21/75	6	31	
SARA0004	No	01055	MANGANESE, TOTAL (UG/L AS MN)	03/29/65-10/16/73	8	67	
SARA0009	No	01055	MANGANESE, TOTAL (UG/L AS MN)	03/30/76-11/07/88	12	81	
SARA0013	No	01055	MANGANESE, TOTAL (UG/L AS MN)	05/30/73-04/07/75	1	18	
SARA0021	No	01055	MANGANESE, TOTAL (UG/L AS MN)	11/13/73-09/03/74	0	10	
SARA0022	No	01055	MANGANESE, TOTAL (UG/L AS MN)	11/13/73-09/03/74	0	10	
SARA0028	No	01055	MANGANESE, TOTAL (UG/L AS MN)	04/16/73-04/03/76	2	21	
SARA0030	No	01055	MANGANESE, TOTAL (UG/L AS MN)	03/29/65-09/30/68	3	48	
SARA0031	No	01055	MANGANESE, TOTAL (UG/L AS MN)	04/21/75-12/08/87	12	106	
SARA0034	No	01055	MANGANESE, TOTAL (UG/L AS MN)	03/29/65-09/30/68	3	48	
SARA0037	No	01055	MANGANESE, TOTAL (UG/L AS MN)	04/07/69-05/29/75	6	67	
SARA0038	No	01055	MANGANESE, TOTAL (UG/L AS MN)	10/14/68-08/18/71	2	61	
SARA0039	No	01055	MANGANESE, TOTAL (UG/L AS MN)	10/14/68-08/18/71	2	61	
SARA0046	No	01055	MANGANESE, TOTAL (UG/L AS MN)	04/22/87-11/02/88	1	16	
SARA0063	No	01055	MANGANESE, TOTAL (UG/L AS MN)	03/10/69-02/17/71	1	26	
SARA0064	No	01055	MANGANESE, TOTAL (UG/L AS MN)	03/10/69-02/17/71	1	26	
SARA0066	No	01055	MANGANESE, TOTAL (UG/L AS MN)	05/30/73-05/19/75	1	14	
SARA0067	No	01055	MANGANESE, TOTAL (UG/L AS MN)	04/23/69-03/23/80	10	148	
SARA0009	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/30/76-11/07/88	12	5	
SARA0010	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/31/88-11/07/88	0	4	
SARA0028	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/03/76-04/03/76	0	1	
SARA0031	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/03/76-04/03/76	0	1	
SARA0037	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/22/70-10/22/70	0	1	
SARA0046	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/28/88-11/02/88	0	4	
SARA0047	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/28/88-11/02/88	0	4	
SARA0002	No	01059	THALLIUM, TOTAL (UG/L AS TL)	09/01/83-11/07/85	2	15	
SARA0023	No	01059	THALLIUM, TOTAL (UG/L AS TL)	04/23/85-11/10/86	1	12	
SARA0009	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	07/29/87-11/07/88	1	6	
SARA0010	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	07/29/87-11/07/88	1	6	
SARA0030	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	07/28/87-09/22/87	0	2	
SARA0031	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	07/28/87-09/22/87	0	2	
SARA0046	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	10/26/87-11/02/88	1	5	
SARA0047	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	10/26/87-11/02/88	1	5	
SARA0001	No	01067	NICKEL, TOTAL (UG/L AS NI)	06/19/80-06/19/80	0	1	
SARA0002	No	01067	NICKEL, TOTAL (UG/L AS NI)	09/01/83-11/07/85	2	15	
SARA0004	No	01067	NICKEL, TOTAL (UG/L AS NI)	06/19/80-06/19/80	0	1	
SARA0009	No	01067	NICKEL, TOTAL (UG/L AS NI)	04/22/87-11/07/88	1	16	
SARA0023	No	01067	NICKEL, TOTAL (UG/L AS NI)	04/23/85-11/10/86	1	12	
SARA0027	No	01067	NICKEL, TOTAL (UG/L AS NI)	07/15/81-09/10/81	0	2	
SARA0031	No	01067	NICKEL, TOTAL (UG/L AS NI)	09/11/86-12/08/87	1	31	
SARA0046	No	01067	NICKEL, TOTAL (UG/L AS NI)	04/22/87-11/02/88	1	16	
SARA0009	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/26/87-08/15/88	0	2	
SARA0010	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/26/87-08/15/88	0	2	
SARA0046	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/26/87-08/15/88	0	2	
SARA0047	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/26/87-08/15/88	0	2	
SARA0001	No	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	07/16/81-11/07/85	4	17	
SARA0010	No	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	04/22/87-11/07/88	1	16	
SARA0025	No	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	07/15/81-11/10/86	5	14	
SARA0030	No	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	01/08/87-12/08/87	0	14	
SARA0047	No	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	04/22/87-11/02/88	1	16	
SARA0068	No	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	07/16/81-09/10/81	0	2	
SARA0002	No	01077	SILVER, TOTAL (UG/L AS AG)	09/01/83-11/07/85	2	15	
SARA0023	No	01077	SILVER, TOTAL (UG/L AS AG)	04/23/85-11/10/86	1	12	
SARA0027	No	01077	SILVER, TOTAL (UG/L AS AG)	07/15/81-05/24/83	1	3	
SARA0031	No	01077	SILVER, TOTAL (UG/L AS AG)	09/11/86-03/27/87	0	25	
SARA0064	No	01077	SILVER, TOTAL (UG/L AS AG)	05/24/83-05/24/83	0	1	
SARA0001	No	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	07/16/81-11/07/85	4	17	
SARA0025	No	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	07/15/81-11/10/86	5	15	
SARA0063	No	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	05/24/83-05/24/83	0	1	
SARA0068	No	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	07/16/81-09/10/81	0	2	
SARA0009	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	03/30/76-11/07/88	12	7	
SARA0010	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/29/87-11/07/88	1	6	
SARA0028	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	04/03/76-04/03/76	0	1	
SARA0030	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/28/87-09/22/87	0	2	
SARA0031	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	04/03/76-09/22/87	11	3	
SARA0037	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	10/22/70-10/22/70	0	1	
SARA0046	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	10/26/87-11/02/88	1	5	
SARA0047	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	10/26/87-11/02/88	1	5	
SARA0002	No	01092	ZINC, TOTAL (UG/L AS ZN)	06/06/83-11/07/85	2	17	
SARA0009	No	01092	ZINC, TOTAL (UG/L AS ZN)	03/30/76-11/07/88	12	17	
SARA0023	No	01092	ZINC, TOTAL (UG/L AS ZN)	04/23/85-11/10/86	1	12	

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

Station/Parameter Period of Record Tabulation
From 04/23/64 To 05/09/94

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
SARA0027	No	01092	ZINC, TOTAL (UG/L AS ZN)	07/15/81-09/10/81	0	2	
SARA0028	No	01092	ZINC, TOTAL (UG/L AS ZN)	04/03/76-04/03/76	0	1	
SARA0031	No	01092	ZINC, TOTAL (UG/L AS ZN)	04/21/75-12/08/87	12	35	
SARA0037	No	01092	ZINC, TOTAL (UG/L AS ZN)	10/11/72-01/22/74	1	15	
SARA0046	No	01092	ZINC, TOTAL (UG/L AS ZN)	04/22/87-11/02/88	1	16	
SARA0009	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	10/26/87-08/15/88	0	2	
SARA0010	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	10/26/87-08/15/88	0	2	
SARA0031	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	08/24/75-08/24/75	0	1	
SARA0046	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	10/26/87-08/15/88	0	2	
SARA0047	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	10/26/87-08/15/88	0	2	
SARA0001	No	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	07/16/81-11/07/85	4	19	
SARA0010	No	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	04/22/87-11/07/88	1	16	
SARA0025	No	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	07/15/81-11/10/86	5	14	
SARA0030	No	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	01/08/87-12/08/87	0	14	
SARA0047	No	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	04/22/87-11/02/88	1	16	
SARA0068	No	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	07/16/81-09/10/81	0	2	
SARA0002	No	01097	ANTIMONY, TOTAL (UG/L AS SB)	09/01/83-11/07/85	2	15	
SARA0023	No	01097	ANTIMONY, TOTAL (UG/L AS SB)	04/23/85-11/10/86	1	12	
SARA0010	No	01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	03/31/88-11/07/88	0	9	
SARA0030	No	01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	01/08/87-03/27/87	0	8	
SARA0047	No	01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	03/28/88-11/02/88	0	9	
SARA0009	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	03/31/88-11/07/88	0	9	
SARA0031	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	09/11/86-03/27/87	0	25	
SARA0046	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	03/28/88-11/02/88	0	9	
SARA0009	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	03/31/88-11/07/88	0	4	
SARA0010	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	03/31/88-11/07/88	0	4	
SARA0046	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	03/28/88-11/02/88	0	4	
SARA0047	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	03/28/88-11/02/88	0	4	
SARA0009	No	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	08/15/88-08/15/88	0	1	
SARA0010	No	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	08/15/88-08/15/88	0	1	
SARA0046	No	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	08/15/88-08/15/88	0	1	
SARA0047	No	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	08/15/88-08/15/88	0	1	
SARA0001	No	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	07/16/81-11/07/85	4	17	
SARA0010	No	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	04/22/87-11/07/88	1	16	
SARA0025	No	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	07/15/81-11/10/86	5	14	
SARA0030	No	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	01/08/87-12/08/87	0	14	
SARA0047	No	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	04/22/87-11/02/88	1	16	
SARA0068	No	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	07/16/81-09/10/81	0	2	
SARA0001	No	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	07/16/81-11/07/85	4	17	
SARA0010	No	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	04/22/87-11/07/88	1	16	
SARA0025	No	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	07/15/81-11/10/86	5	14	
SARA0030	No	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	01/08/87-12/08/87	0	14	
SARA0047	No	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	04/22/87-11/02/88	1	16	
SARA0068	No	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	07/16/81-09/10/81	0	2	
SARA0001	No	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	07/16/81-11/07/85	4	17	
SARA0025	No	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	07/15/81-11/10/86	5	14	
SARA0068	No	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	07/16/81-09/10/81	0	2	
SARA0001	No	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	07/16/81-11/07/85	4	17	
SARA0010	No	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	04/22/87-11/07/88	1	16	
SARA0025	No	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	07/15/81-11/10/86	5	14	
SARA0030	No	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	01/08/87-12/08/87	0	14	
SARA0047	No	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	04/22/87-11/02/88	1	16	
SARA0068	No	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	07/16/81-09/10/81	0	2	
SARA0010	No	01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	04/22/87-11/07/88	1	16	
SARA0030	No	01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	01/08/87-12/08/87	0	14	
SARA0047	No	01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	04/22/87-11/02/88	1	16	
SARA0002	No	01147	SELENIUM, TOTAL (UG/L AS SE)	09/01/83-11/07/85	2	15	
SARA0023	No	01147	SELENIUM, TOTAL (UG/L AS SE)	04/23/85-11/10/86	1	12	
SARA0031	No	01147	SELENIUM, TOTAL (UG/L AS SE)	04/21/75-03/29/76	0	3	
SARA0031	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	08/24/75-08/24/75	0	1	
SARA0009	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	10/26/87-08/15/88	0	2	
SARA0010	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	10/26/87-08/15/88	0	2	
SARA0031	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	08/24/75-08/24/75	0	1	
SARA0046	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	10/26/87-08/15/88	0	2	
SARA0047	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	10/26/87-08/15/88	0	2	
SARA0001	No	01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	07/16/81-11/07/85	4	17	
SARA0025	No	01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	07/15/81-11/10/86	5	14	
SARA0068	No	01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	07/16/81-09/10/81	0	2	
SARA0010	No	03789	PCB-1016/1242, WET WEIGHT, BOTTOM SEDIMENT MG/KG	10/26/87-08/15/88	0	2	
SARA0047	No	03789	PCB-1016/1242, WET WEIGHT, BOTTOM SEDIMENT MG/KG	10/26/87-08/15/88	0	2	
SARA0010	No	03790	MIREX, WET WEIGHT, BOTTOM SEDIMENT MG/KG	10/26/87-08/15/88	0	2	
SARA0047	No	03790	MIREX, WET WEIGHT, BOTTOM SEDIMENT MG/KG	10/26/87-08/15/88	0	2	

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

Station/Parameter Period of Record Tabulation
From 04/23/64 To 05/09/94

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
SARA0010	No	03791	ATRAZINE, WET WEIGHT, BOTTOM SEDIMENT MG/KG	08/15/88-08/15/88	0	1	
SARA0047	No	03791	ATRAZINE, WET WEIGHT, BOTTOM SEDIMENT MG/KG	08/15/88-08/15/88	0	1	
SARA0010	No	03794	CHLORPYRIFOS(DURSBAN),WET WEIGHT,BOTTOM SED MG/KG	08/15/88-08/15/88	0	1	
SARA0047	No	03794	CHLORPYRIFOS(DURSBAN),WET WEIGHT,BOTTOM SED MG/KG	08/15/88-08/15/88	0	1	
SARA0010	No	03799	ISOFENPHOS(OFTANOL),WET WEIGHT,BOTTOM SED MG/KG	08/15/88-08/15/88	0	1	
SARA0047	No	03799	ISOFENPHOS(OFTANOL),WET WEIGHT,BOTTOM SED MG/KG	08/15/88-08/15/88	0	1	
SARA0010	No	03802	METOLACHLOR(DUAL),WET WEIGHT,BOTTOM SEDIMENT MG/KG	08/15/88-08/15/88	0	1	
SARA0047	No	03802	METOLACHLOR(DUAL),WET WEIGHT,BOTTOM SEDIMENT MG/KG	08/15/88-08/15/88	0	1	
SARA0010	No	03803	PHOSALONE(ZOLONE),WET WEIGHT,BOTTOM SEDIMENT MG/KG	08/15/88-08/15/88	0	1	
SARA0047	No	03803	PHOSALONE(ZOLONE),WET WEIGHT,BOTTOM SEDIMENT MG/KG	08/15/88-08/15/88	0	1	
SARA0010	No	03804	PROMETON(PRAMITOL),WET WEIGHT,BOTTOM SED MG/KG	08/15/88-08/15/88	0	1	
SARA0047	No	03804	PROMETON(PRAMITOL),WET WEIGHT,BOTTOM SED MG/KG	08/15/88-08/15/88	0	1	
SARA0010	No	03805	TRIAZOPHOS, WET WEIGHT, BOTTOM SEDIMENT MG/KG	08/15/88-08/15/88	0	1	
SARA0047	No	03805	TRIAZOPHOS, WET WEIGHT, BOTTOM SEDIMENT MG/KG	08/15/88-08/15/88	0	1	
SARA0010	No	03806	TRIFLURALIN(TREFLAN),WET WEIGHT,BOTTOM SED MG/KG	08/15/88-08/15/88	0	1	
SARA0047	No	03806	TRIFLURALIN(TREFLAN),WET WEIGHT,BOTTOM SED MG/KG	08/15/88-08/15/88	0	1	
SARA0010	No	04231	INVALID PARAMETER	08/15/88-08/15/88	0	1	
SARA0047	No	04231	INVALID PARAMETER	08/15/88-08/15/88	0	1	
SARA0010	No	04232	INVALID PARAMETER	08/15/88-08/15/88	0	1	
SARA0047	No	04232	INVALID PARAMETER	08/15/88-08/15/88	0	1	
SARA0010	No	04233	INVALID PARAMETER	08/15/88-08/15/88	0	1	
SARA0047	No	04233	INVALID PARAMETER	08/15/88-08/15/88	0	1	
SARA0010	No	04234	INVALID PARAMETER	08/15/88-08/15/88	0	1	
SARA0047	No	04234	INVALID PARAMETER	08/15/88-08/15/88	0	1	
SARA0010	No	04235	INVALID PARAMETER	08/15/88-08/15/88	0	1	
SARA0047	No	04235	INVALID PARAMETER	08/15/88-08/15/88	0	1	
SARA0010	No	04236	INVALID PARAMETER	08/15/88-08/15/88	0	1	
SARA0047	No	04236	INVALID PARAMETER	08/15/88-08/15/88	0	1	
SARA0010	No	04237	INVALID PARAMETER	08/15/88-08/15/88	0	1	
SARA0047	No	04237	INVALID PARAMETER	08/15/88-08/15/88	0	1	
SARA0010	No	04238	INVALID PARAMETER	08/15/88-08/15/88	0	1	
SARA0047	No	04238	INVALID PARAMETER	08/15/88-08/15/88	0	1	
SARA0010	No	22415	ALACHLOR, SEDIMENT, WET WEIGHT UG/KG	08/15/88-08/15/88	0	1	
SARA0047	No	22415	ALACHLOR, SEDIMENT, WET WEIGHT UG/KG	08/15/88-08/15/88	0	1	
SARA0043	No	30344	PENTACHLORODIBENZO-P-DIOXIN,12378,FISH,WET WT,PG/G	06/09/87-07/21/87	0	2	
SARA0043	No	30345	HEXACHLORODIBENZO-P-DIOXIN,123478,FISH,WET WT,PG/G	06/09/87-07/21/87	0	2	
SARA0043	No	30346	HEXACHLORODIBENZO-P-DIOXIN,123678,FISH,WET WT,PG/G	06/09/87-07/21/87	0	2	
SARA0043	No	30347	HEXACHLORODIBENZO-P-DIOXIN,123789,FISH,WET WT,PG/G	06/09/87-07/21/87	0	2	
SARA0043	No	30348	HEPTACHLORODIBENZO-P-DIOXIN,1234678,TIS,WETWT,PG/G	06/09/87-07/21/87	0	2	
SARA0043	No	30349	TETRACHLORODIBENZOFURAN, 2378- , FISH,WET WT.,PG/G	06/09/87-07/21/87	0	2	
SARA0043	No	30350	PENTACHLORODIBENZOFURAN,12378- , FISH,WET WT.,PG/G	06/09/87-07/21/87	0	2	
SARA0043	No	30351	PENTACHLORODIBENZOFURAN,23478- , FISH,WET WT.,PG/G	06/09/87-07/21/87	0	2	
SARA0043	No	30352	HEXACHLORODIBENZOFURAN,123478- , FISH,WET WT.,PG/G	06/09/87-07/21/87	0	2	
SARA0043	No	30353	HEXACHLORODIBENZOFURAN,123678- , FISH,WET WT.,PG/G	06/09/87-07/21/87	0	2	
SARA0043	No	30354	HEXACHLORODIBENZOFURAN,123789- , FISH,WET WT.,PG/G	06/09/87-07/21/87	0	2	
SARA0043	No	30355	HEXACHLORODIBENZOFURAN,234678- , FISH,WET WT.,PG/G	06/09/87-07/21/87	0	2	
SARA0043	No	30356	HEPTACHLORODIBENZOFURAN,1234678- ,FISH,WET WT,PG/G	06/09/87-07/21/87	0	2	
SARA0043	No	30357	HEPTACHLORODIBENZOFURAN,1234789- ,FISH,WET WT,PG/G	06/09/87-07/21/87	0	2	
SARA0001	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/23/64-11/04/81	17	143	T,S
SARA0004	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/09/71-10/09/80	8	59	
SARA0009	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/14/87-10/04/88	1	14	
SARA0010	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/14/87-10/04/88	1	14	
SARA0015	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/04/73-04/07/75	2	19	
SARA0018	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/19/68-08/19/68	0	1	
SARA0021	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/13/73-03/18/82	8	66	
SARA0022	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/13/73-03/18/82	8	56	
SARA0025	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	12/12/72-09/18/86	13	96	
SARA0027	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	12/12/72-09/18/86	13	96	
SARA0030	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/24/65-12/08/87	22	59	S
SARA0031	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/14/87-12/08/87	0	5	
SARA0038	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/09/71-11/13/73	2	39	
SARA0039	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/11/68-11/13/73	5	100	
SARA0046	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/12/87-11/02/88	1	14	
SARA0047	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/12/87-11/02/88	1	14	
SARA0063	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/10/69-09/18/86	17	163	T,A,S
SARA0064	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/30/71-09/18/86	14	122	
SARA0068	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	02/06/73-11/05/81	8	58	
SARA0069	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	02/06/73-10/08/80	7	52	
SARA0004	No	31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	04/23/64-09/14/71	7	76	
SARA0034	No	31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	05/24/65-09/02/68	3	44	
SARA0038	No	31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	11/11/68-09/29/71	2	61	
SARA0064	No	31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	03/10/69-09/29/71	2	32	

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

Station/Parameter Period of Record Tabulation
From 04/23/64 To 05/09/94

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
SARA0001	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/26/67-04/23/69	1	10	
SARA0030	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/24/67-09/30/68	1	6	
SARA0036	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/23/64-11/09/64	0	8	
SARA0039	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/14/68-04/23/69	0	13	
SARA0063	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/15/69-04/23/69	0	2	
SARA0004	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	06/26/67-04/23/69	1	10	
SARA0034	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/24/67-09/30/68	1	6	
SARA0038	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/14/68-04/23/69	0	13	
SARA0040	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	04/23/64-11/09/64	0	8	
SARA0064	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	04/15/69-04/23/69	0	2	
SARA0001	No	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	06/22/71-11/04/81	10	67	
SARA0004	No	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	10/29/75-10/09/80	4	31	
SARA0009	No	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	05/14/87-10/04/88	1	14	
SARA0010	No	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	05/14/87-10/04/88	1	14	
SARA0021	No	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	11/13/73-03/18/82	8	66	
SARA0022	No	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	10/28/75-03/18/82	6	40	
SARA0025	No	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	12/12/72-09/18/86	13	99	
SARA0027	No	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	06/16/77-09/18/86	9	73	
SARA0030	No	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	02/26/81-12/08/87	6	15	
SARA0031	No	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	05/14/87-12/08/87	0	5	
SARA0039	No	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	06/22/71-11/13/73	2	48	
SARA0046	No	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	05/12/87-11/02/88	1	14	
SARA0047	No	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	05/12/87-11/02/88	1	14	
SARA0063	No	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	07/07/71-09/18/86	15	132	T,S
SARA0064	No	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	10/29/75-09/18/86	10	73	
SARA0068	No	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	02/06/73-11/05/81	8	52	
SARA0069	No	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	10/29/75-10/08/80	4	32	
SARA0004	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/22/71-09/10/75	4	28	
SARA0015	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/30/73-04/07/75	1	12	
SARA0018	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/19/68-08/19/68	0	1	
SARA0022	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/13/73-09/09/75	1	16	
SARA0027	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/12/72-04/07/75	2	26	
SARA0038	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/22/71-11/13/73	2	48	
SARA0049	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/07/87-09/23/87	0	9	
SARA0053	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/13/87-09/23/87	0	9	
SARA0055	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/13/87-09/23/87	0	9	
SARA0057	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/13/87-09/23/87	0	9	
SARA0064	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/07/71-09/10/75	4	49	
SARA0065	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/13/87-09/23/87	0	9	
SARA0069	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/06/73-09/10/75	2	14	
SARA0001	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/22/71-09/03/74	3	23	
SARA0021	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/13/73-09/03/74	0	10	
SARA0025	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	12/12/72-04/02/74	1	16	
SARA0039	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/22/71-11/13/73	2	49	
SARA0063	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/07/71-04/02/74	2	33	
SARA0068	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	02/06/73-05/30/73	0	2	
SARA0004	No	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	06/22/71-09/03/74	3	23	
SARA0015	No	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	05/30/73-05/30/73	0	1	
SARA0022	No	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	11/13/73-09/03/74	0	10	
SARA0027	No	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	12/12/72-04/02/74	1	16	
SARA0038	No	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	06/22/71-11/13/73	2	49	
SARA0064	No	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/07/71-04/02/74	2	33	
SARA0069	No	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	02/06/73-05/30/73	0	2	
SARA0064	No	31748	STD PLATE COUNT,PLATE COUNT AGAR, 35 C 48 HRS	06/26/75-06/26/75	0	1	
SARA0001	No	31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	06/22/71-09/03/74	3	23	
SARA0004	No	31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	06/22/71-09/03/74	3	23	
SARA0015	No	31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	05/30/73-05/30/73	0	1	
SARA0021	No	31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	11/13/73-09/03/74	0	10	
SARA0022	No	31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	11/13/73-09/03/74	0	10	
SARA0025	No	31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	12/12/72-04/02/74	1	16	
SARA0027	No	31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	12/12/72-04/02/74	1	16	
SARA0038	No	31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	06/22/71-11/13/73	2	49	
SARA0039	No	31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	06/22/71-11/13/73	2	49	
SARA0063	No	31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	07/07/71-04/02/74	2	34	
SARA0064	No	31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	07/07/71-04/02/74	2	34	
SARA0068	No	31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	02/06/73-05/30/73	0	2	
SARA0069	No	31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	02/06/73-05/30/73	0	2	
SARA0001	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	10/25/83-11/07/85	2	13	
SARA0002	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	10/25/83-11/07/85	2	13	
SARA0009	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	04/22/87-11/07/88	1	16	
SARA0010	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	04/22/87-11/07/88	1	16	
SARA0023	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	04/23/85-11/10/86	1	12	

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

Station/Parameter Period of Record Tabulation
From 04/23/64 To 05/09/94

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
SARA0025	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	04/23/85-11/10/86	1	12	
SARA0030	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	04/30/87-12/08/87	0	6	
SARA0031	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	04/30/87-12/08/87	0	6	
SARA0046	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	04/22/87-11/02/88	1	14	
SARA0047	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	04/22/87-11/02/88	1	15	
SARA0001	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	10/25/83-11/07/85	2	13	
SARA0002	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	10/25/83-11/07/85	2	13	
SARA0009	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	04/22/87-11/07/88	1	16	
SARA0010	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	04/22/87-11/07/88	1	16	
SARA0023	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	04/23/85-11/10/86	1	12	
SARA0025	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	04/23/85-11/10/86	1	12	
SARA0030	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	04/30/87-12/08/87	0	6	
SARA0031	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	04/30/87-12/08/87	0	6	
SARA0046	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	04/22/87-11/02/88	1	14	
SARA0047	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	04/22/87-11/02/88	1	15	
SARA0001	No	32104	BROMOFORM,WHOLE WATER,UG/L	10/25/83-11/07/85	2	13	
SARA0002	No	32104	BROMOFORM,WHOLE WATER,UG/L	10/25/83-11/07/85	2	13	
SARA0009	No	32104	BROMOFORM,WHOLE WATER,UG/L	04/22/87-11/07/88	1	16	
SARA0010	No	32104	BROMOFORM,WHOLE WATER,UG/L	04/22/87-11/07/88	1	16	
SARA0023	No	32104	BROMOFORM,WHOLE WATER,UG/L	04/23/85-11/10/86	1	12	
SARA0025	No	32104	BROMOFORM,WHOLE WATER,UG/L	04/23/85-11/10/86	1	12	
SARA0030	No	32104	BROMOFORM,WHOLE WATER,UG/L	04/30/87-12/08/87	0	6	
SARA0031	No	32104	BROMOFORM,WHOLE WATER,UG/L	06/13/86-12/08/87	1	7	
SARA0046	No	32104	BROMOFORM,WHOLE WATER,UG/L	04/22/87-11/02/88	1	14	
SARA0047	No	32104	BROMOFORM,WHOLE WATER,UG/L	04/22/87-11/02/88	1	15	
SARA0001	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	10/25/83-11/07/85	2	13	
SARA0002	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	10/25/83-11/07/85	2	13	
SARA0009	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	04/22/87-11/07/88	1	16	
SARA0010	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	04/22/87-11/07/88	1	16	
SARA0023	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	04/23/85-11/10/86	1	12	
SARA0025	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	04/23/85-11/10/86	1	12	
SARA0030	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	04/30/87-12/08/87	0	6	
SARA0031	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	04/30/87-12/08/87	0	6	
SARA0046	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	04/22/87-11/02/88	1	14	
SARA0047	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	04/22/87-11/02/88	1	15	
SARA0001	No	32106	CHLOROFORM,WHOLE WATER,UG/L	10/25/83-11/07/85	2	13	
SARA0002	No	32106	CHLOROFORM,WHOLE WATER,UG/L	10/25/83-11/07/85	2	13	
SARA0009	No	32106	CHLOROFORM,WHOLE WATER,UG/L	04/22/87-11/07/88	1	16	
SARA0010	No	32106	CHLOROFORM,WHOLE WATER,UG/L	04/22/87-11/07/88	1	16	
SARA0023	No	32106	CHLOROFORM,WHOLE WATER,UG/L	04/23/85-11/10/86	1	12	
SARA0025	No	32106	CHLOROFORM,WHOLE WATER,UG/L	04/23/85-11/10/86	1	12	
SARA0026	No	32106	CHLOROFORM,WHOLE WATER,UG/L	02/26/76-02/26/76	0	1	
SARA0030	No	32106	CHLOROFORM,WHOLE WATER,UG/L	04/30/87-12/08/87	0	6	
SARA0031	No	32106	CHLOROFORM,WHOLE WATER,UG/L	04/30/87-12/08/87	0	6	
SARA0046	No	32106	CHLOROFORM,WHOLE WATER,UG/L	04/22/87-11/02/88	1	14	
SARA0047	No	32106	CHLOROFORM,WHOLE WATER,UG/L	04/22/87-11/02/88	1	15	
SARA0010	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	03/31/88-11/07/88	0	9	
SARA0021	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	11/13/73-01/03/79	5	41	
SARA0022	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	11/13/73-01/03/79	5	42	
SARA0025	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/16/73-12/02/85	12	82	
SARA0027	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/16/73-12/02/85	12	80	
SARA0030	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	08/01/72-08/01/72	0	1	
SARA0034	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	08/01/72-08/01/72	0	1	
SARA0038	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/04/69-10/16/73	4	83	
SARA0039	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/04/69-10/16/73	4	83	
SARA0063	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	04/23/69-11/12/86	17	170	T,A,S
SARA0064	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	04/23/69-11/12/86	17	162	T,A,S
SARA0002	No	34100	NITROGLYCERIN+ETHYLENE GLYCOL DINITRATE IR MG/L	11/22/83-11/22/83	0	1	
SARA0001	No	34200	ACENAPHTHYLENE TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0002	No	34200	ACENAPHTHYLENE TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0001	No	34205	ACENAPHTHENE TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0002	No	34205	ACENAPHTHENE TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0001	No	34220	ANTHRACENE TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0002	No	34220	ANTHRACENE TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0001	No	34247	BENZO-A-PYRENE TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0002	No	34247	BENZO-A-PYRENE TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0009	No	34257	B-BHC-BETA DRY WGTBOTUG/KG	08/15/88-08/15/88	0	1	
SARA0046	No	34257	B-BHC-BETA DRY WGTBOTUG/KG	08/15/88-08/15/88	0	1	
SARA0001	No	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0002	No	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0009	No	34262	DELTA BENZENE HEXACHLORIDE DRY WGTBOTUG/KG	08/15/88-08/15/88	0	1	
SARA0046	No	34262	DELTA BENZENE HEXACHLORIDE DRY WGTBOTUG/KG	08/15/88-08/15/88	0	1	

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

Station/Parameter Period of Record Tabulation
From 04/23/64 To 05/09/94

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
SARA0001	No	34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0002	No	34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0001	No	34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0002	No	34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0001	No	34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	11/22/83-11/22/83	0	1	
SARA0002	No	34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	11/22/83-11/22/83	0	1	
SARA0001	No	34301	CHLOROBENZENE TOTWUG/L	10/25/83-11/07/85	2	13	
SARA0002	No	34301	CHLOROBENZENE TOTWUG/L	10/25/83-11/07/85	2	13	
SARA0009	No	34301	CHLOROBENZENE TOTWUG/L	04/22/87-11/07/88	1	16	
SARA0010	No	34301	CHLOROBENZENE TOTWUG/L	04/22/87-11/07/88	1	16	
SARA0023	No	34301	CHLOROBENZENE TOTWUG/L	04/23/85-11/10/86	1	12	
SARA0025	No	34301	CHLOROBENZENE TOTWUG/L	04/23/85-11/10/86	1	12	
SARA0030	No	34301	CHLOROBENZENE TOTWUG/L	04/30/87-12/08/87	0	6	
SARA0031	No	34301	CHLOROBENZENE TOTWUG/L	04/30/87-12/08/87	0	6	
SARA0046	No	34301	CHLOROBENZENE TOTWUG/L	04/22/87-11/02/88	1	14	
SARA0047	No	34301	CHLOROBENZENE TOTWUG/L	04/22/87-11/02/88	1	15	
SARA0001	No	34311	CHLOROETHANE TOTWUG/L	10/25/83-11/07/85	2	13	
SARA0002	No	34311	CHLOROETHANE TOTWUG/L	10/25/83-11/07/85	2	13	
SARA0009	No	34311	CHLOROETHANE TOTWUG/L	04/22/87-11/07/88	1	16	
SARA0010	No	34311	CHLOROETHANE TOTWUG/L	04/22/87-11/07/88	1	16	
SARA0023	No	34311	CHLOROETHANE TOTWUG/L	04/23/85-11/10/86	1	12	
SARA0025	No	34311	CHLOROETHANE TOTWUG/L	04/23/85-11/10/86	1	12	
SARA0030	No	34311	CHLOROETHANE TOTWUG/L	04/30/87-12/08/87	0	6	
SARA0031	No	34311	CHLOROETHANE TOTWUG/L	04/30/87-12/08/87	0	6	
SARA0046	No	34311	CHLOROETHANE TOTWUG/L	04/22/87-11/02/88	1	14	
SARA0047	No	34311	CHLOROETHANE TOTWUG/L	04/22/87-11/02/88	1	15	
SARA0001	No	34320	CHRYSENE TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0002	No	34320	CHRYSENE TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0001	No	34336	DIETHYL PHTHALATE TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0002	No	34336	DIETHYL PHTHALATE TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0001	No	34341	DIMETHYL PHTHALATE TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0002	No	34341	DIMETHYL PHTHALATE TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0001	No	34346	1,2-DIPHENYLHYDRAZINE TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0002	No	34346	1,2-DIPHENYLHYDRAZINE TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0001	No	34351	ENDOSULFAN SULFATE TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0002	No	34351	ENDOSULFAN SULFATE TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0009	No	34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	08/15/88-08/15/88	0	1	
SARA0046	No	34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	08/15/88-08/15/88	0	1	
SARA0001	No	34356	ENDOSULFAN, BETA TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0002	No	34356	ENDOSULFAN, BETA TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0009	No	34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	08/15/88-08/15/88	0	1	
SARA0046	No	34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	08/15/88-08/15/88	0	1	
SARA0001	No	34361	ENDOSULFAN, ALPHA TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0002	No	34361	ENDOSULFAN, ALPHA TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0009	No	34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	08/15/88-08/15/88	0	1	
SARA0046	No	34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	08/15/88-08/15/88	0	1	
SARA0001	No	34366	ENDRIN ALDEHYDE TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0002	No	34366	ENDRIN ALDEHYDE TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0009	No	34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	08/15/88-08/15/88	0	1	
SARA0046	No	34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	08/15/88-08/15/88	0	1	
SARA0001	No	34376	FLUORANTHENE TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0002	No	34376	FLUORANTHENE TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0001	No	34381	FLUORENE TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0002	No	34381	FLUORENE TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0001	No	34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0002	No	34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0001	No	34391	HEXACHLOROBUTADIENE TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0002	No	34392	HEXACHLOROBUTADIENE DISSUG/L	11/22/83-11/22/83	0	1	
SARA0043	No	34395	HEXACHLOROBUTADIENE WET WGTTISMG/KG	06/09/87-07/21/87	0	3	
SARA0001	No	34396	HEXACHLOROETHANE TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0002	No	34396	HEXACHLOROETHANE TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0001	No	34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0002	No	34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0001	No	34408	ISOPHORONE TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0002	No	34408	ISOPHORONE TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0001	No	34413	METHYL BROMIDE TOTWUG/L	10/25/83-11/07/85	2	13	
SARA0002	No	34413	METHYL BROMIDE TOTWUG/L	10/25/83-11/07/85	2	13	
SARA0009	No	34413	METHYL BROMIDE TOTWUG/L	04/22/87-11/07/88	1	16	
SARA0010	No	34413	METHYL BROMIDE TOTWUG/L	04/22/87-11/07/88	1	16	
SARA0023	No	34413	METHYL BROMIDE TOTWUG/L	04/23/85-11/10/86	1	12	
SARA0025	No	34413	METHYL BROMIDE TOTWUG/L	04/23/85-11/10/86	1	12	
SARA0030	No	34413	METHYL BROMIDE TOTWUG/L	04/30/87-12/08/87	0	6	

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

Station/Parameter Period of Record Tabulation
From 04/23/64 To 05/09/94

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
SARA0031	No	34413	METHYL BROMIDE TOTWUG/L	04/30/87-12/08/87	0	6	
SARA0046	No	34413	METHYL BROMIDE TOTWUG/L	04/22/87-11/02/88	1	14	
SARA0047	No	34413	METHYL BROMIDE TOTWUG/L	04/22/87-11/02/88	1	15	
SARA0001	No	34418	METHYL CHLORIDE TOTWUG/L	10/25/83-11/07/85	2	13	
SARA0002	No	34418	METHYL CHLORIDE TOTWUG/L	10/25/83-11/07/85	2	13	
SARA0009	No	34418	METHYL CHLORIDE TOTWUG/L	04/22/87-11/07/88	1	16	
SARA0010	No	34418	METHYL CHLORIDE TOTWUG/L	04/22/87-11/07/88	1	16	
SARA0023	No	34418	METHYL CHLORIDE TOTWUG/L	04/23/85-11/10/86	1	12	
SARA0025	No	34418	METHYL CHLORIDE TOTWUG/L	04/23/85-11/10/86	1	12	
SARA0030	No	34418	METHYL CHLORIDE TOTWUG/L	04/30/87-12/08/87	0	6	
SARA0031	No	34418	METHYL CHLORIDE TOTWUG/L	04/30/87-12/08/87	0	6	
SARA0046	No	34418	METHYL CHLORIDE TOTWUG/L	04/22/87-11/02/88	1	14	
SARA0047	No	34418	METHYL CHLORIDE TOTWUG/L	04/22/87-11/02/88	1	15	
SARA0001	No	34423	METHYLENE CHLORIDE TOTWUG/L	07/07/83-11/07/85	2	15	
SARA0002	No	34423	METHYLENE CHLORIDE TOTWUG/L	07/07/83-11/07/85	2	15	
SARA0009	No	34423	METHYLENE CHLORIDE TOTWUG/L	04/22/87-11/07/88	1	16	
SARA0010	No	34423	METHYLENE CHLORIDE TOTWUG/L	04/22/87-11/07/88	1	16	
SARA0023	No	34423	METHYLENE CHLORIDE TOTWUG/L	04/23/85-11/10/86	1	12	
SARA0025	No	34423	METHYLENE CHLORIDE TOTWUG/L	04/23/85-11/10/86	1	12	
SARA0030	No	34423	METHYLENE CHLORIDE TOTWUG/L	04/30/87-12/08/87	0	6	
SARA0031	No	34423	METHYLENE CHLORIDE TOTWUG/L	04/30/87-12/08/87	0	6	
SARA0046	No	34423	METHYLENE CHLORIDE TOTWUG/L	04/22/87-11/02/88	1	14	
SARA0047	No	34423	METHYLENE CHLORIDE TOTWUG/L	04/22/87-11/02/88	1	15	
SARA0001	No	34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0002	No	34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0001	No	34433	N-NITROSODIPHENYLAMINE TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0002	No	34433	N-NITROSODIPHENYLAMINE TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0001	No	34447	NITROBENZENE TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0002	No	34447	NITROBENZENE TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0001	No	34452	PARACHLOROMETA CRESOL TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0002	No	34452	PARACHLOROMETA CRESOL TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0001	No	34459	PCP (PENTACHLOROPHENOL) DISSUG/L	11/22/83-11/22/83	0	1	
SARA0002	No	34459	PCP (PENTACHLOROPHENOL) DISSUG/L	11/22/83-11/22/83	0	1	
SARA0001	No	34461	PHENANTHRENE TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0002	No	34461	PHENANTHRENE TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0001	No	34469	PYRENE TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0002	No	34469	PYRENE TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0001	No	34475	TETRACHLOROETHYLENE TOTWUG/L	10/25/83-11/07/85	2	13	
SARA0002	No	34475	TETRACHLOROETHYLENE TOTWUG/L	10/25/83-11/07/85	2	13	
SARA0009	No	34475	TETRACHLOROETHYLENE TOTWUG/L	04/22/87-11/07/88	1	16	
SARA0010	No	34475	TETRACHLOROETHYLENE TOTWUG/L	04/22/87-11/07/88	1	16	
SARA0023	No	34475	TETRACHLOROETHYLENE TOTWUG/L	04/23/85-11/10/86	1	12	
SARA0025	No	34475	TETRACHLOROETHYLENE TOTWUG/L	04/23/85-11/10/86	1	12	
SARA0030	No	34475	TETRACHLOROETHYLENE TOTWUG/L	04/30/87-12/08/87	0	6	
SARA0031	No	34475	TETRACHLOROETHYLENE TOTWUG/L	04/30/87-12/08/87	0	6	
SARA0046	No	34475	TETRACHLOROETHYLENE TOTWUG/L	04/22/87-11/02/88	1	14	
SARA0047	No	34475	TETRACHLOROETHYLENE TOTWUG/L	04/22/87-11/02/88	1	15	
SARA0001	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	10/25/83-11/07/85	2	13	
SARA0002	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	10/25/83-11/07/85	2	13	
SARA0010	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	04/22/87-06/13/88	1	12	
SARA0023	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	04/23/85-11/10/86	1	12	
SARA0025	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	04/23/85-11/10/86	1	12	
SARA0030	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	04/30/87-12/08/87	0	6	
SARA0047	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	04/22/87-06/13/88	1	11	
SARA0001	No	34496	1,1-DICHLOROETHANE TOTWUG/L	10/25/83-11/07/85	2	13	
SARA0002	No	34496	1,1-DICHLOROETHANE TOTWUG/L	10/25/83-11/07/85	2	13	
SARA0009	No	34496	1,1-DICHLOROETHANE TOTWUG/L	04/22/87-11/07/88	1	16	
SARA0010	No	34496	1,1-DICHLOROETHANE TOTWUG/L	04/22/87-11/07/88	1	16	
SARA0023	No	34496	1,1-DICHLOROETHANE TOTWUG/L	04/23/85-11/10/86	1	12	
SARA0025	No	34496	1,1-DICHLOROETHANE TOTWUG/L	04/23/85-11/10/86	1	12	
SARA0030	No	34496	1,1-DICHLOROETHANE TOTWUG/L	04/30/87-12/08/87	0	6	
SARA0031	No	34496	1,1-DICHLOROETHANE TOTWUG/L	04/30/87-12/08/87	0	6	
SARA0046	No	34496	1,1-DICHLOROETHANE TOTWUG/L	04/22/87-11/02/88	1	14	
SARA0047	No	34496	1,1-DICHLOROETHANE TOTWUG/L	04/22/87-11/02/88	1	15	
SARA0001	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	10/25/83-11/07/85	2	13	
SARA0002	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	10/25/83-11/07/85	2	13	
SARA0009	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	04/22/87-11/07/88	1	16	
SARA0010	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	04/22/87-11/07/88	1	16	
SARA0023	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	04/23/85-11/10/86	1	12	
SARA0025	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	04/23/85-11/10/86	1	12	
SARA0030	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	04/30/87-12/08/87	0	6	
SARA0031	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	04/30/87-12/08/87	0	6	

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

Station/Parameter Period of Record Tabulation
From 04/23/64 To 05/09/94

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
SARA0046	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	04/22/87-11/02/88	1	14	
SARA0047	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	04/22/87-11/02/88	1	15	
SARA0001	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	10/25/83-11/07/85	2	13	
SARA0002	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	10/25/83-11/07/85	2	13	
SARA0009	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	04/22/87-11/07/88	1	16	
SARA0010	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	04/22/87-11/07/88	1	16	
SARA0023	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	04/23/85-11/10/86	1	12	
SARA0025	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	04/23/85-11/10/86	1	12	
SARA0030	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	04/30/87-12/08/87	0	6	
SARA0031	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	04/30/87-12/08/87	0	6	
SARA0046	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	04/22/87-11/02/88	1	14	
SARA0047	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	04/22/87-11/02/88	1	15	
SARA0001	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	10/25/83-11/07/85	2	13	
SARA0002	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	10/25/83-11/07/85	2	13	
SARA0009	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	04/22/87-11/07/88	1	16	
SARA0010	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	04/22/87-11/07/88	1	16	
SARA0023	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	04/23/85-11/10/86	1	12	
SARA0025	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	04/23/85-11/10/86	1	12	
SARA0030	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	04/30/87-12/08/87	0	6	
SARA0031	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	04/30/87-12/08/87	0	6	
SARA0046	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	04/22/87-11/02/88	1	14	
SARA0047	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	04/22/87-11/02/88	1	15	
SARA0001	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	10/25/83-11/07/85	2	13	
SARA0002	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	10/25/83-11/07/85	2	13	
SARA0009	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	04/22/87-11/07/88	1	16	
SARA0010	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	04/22/87-11/07/88	1	16	
SARA0023	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	04/23/85-11/10/86	1	12	
SARA0025	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	04/23/85-11/10/86	1	12	
SARA0030	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	04/30/87-12/08/87	0	6	
SARA0031	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	04/30/87-12/08/87	0	6	
SARA0046	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	04/22/87-11/02/88	1	14	
SARA0047	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	04/22/87-11/02/88	1	15	
SARA0001	No	34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0002	No	34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0001	No	34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0002	No	34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0001	No	34531	1,2-DICHLOROETHANE TOTWUG/L	10/25/83-11/07/85	2	13	
SARA0002	No	34531	1,2-DICHLOROETHANE TOTWUG/L	10/25/83-11/07/85	2	13	
SARA0009	No	34531	1,2-DICHLOROETHANE TOTWUG/L	04/22/87-11/07/88	1	16	
SARA0010	No	34531	1,2-DICHLOROETHANE TOTWUG/L	04/22/87-11/07/88	1	16	
SARA0023	No	34531	1,2-DICHLOROETHANE TOTWUG/L	04/23/85-11/10/86	1	12	
SARA0025	No	34531	1,2-DICHLOROETHANE TOTWUG/L	04/23/85-11/10/86	1	12	
SARA0030	No	34531	1,2-DICHLOROETHANE TOTWUG/L	04/30/87-12/08/87	0	6	
SARA0031	No	34531	1,2-DICHLOROETHANE TOTWUG/L	04/30/87-12/08/87	0	6	
SARA0046	No	34531	1,2-DICHLOROETHANE TOTWUG/L	04/22/87-11/02/88	1	14	
SARA0047	No	34531	1,2-DICHLOROETHANE TOTWUG/L	04/22/87-11/02/88	1	15	
SARA0001	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	10/25/83-11/07/85	2	14	
SARA0002	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	10/25/83-11/07/85	2	14	
SARA0009	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	04/22/87-11/07/88	1	16	
SARA0010	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	04/22/87-11/07/88	1	16	
SARA0023	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	04/23/85-11/10/86	1	12	
SARA0025	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	04/23/85-11/10/86	1	12	
SARA0030	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	04/30/87-12/08/87	0	6	
SARA0031	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	04/30/87-12/08/87	0	6	
SARA0046	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	04/22/87-11/02/88	1	14	
SARA0047	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	04/22/87-11/02/88	1	15	
SARA0001	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	10/25/83-11/07/85	2	13	
SARA0002	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	10/25/83-11/07/85	2	13	
SARA0009	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	04/22/87-11/07/88	1	16	
SARA0010	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	04/22/87-11/07/88	1	16	
SARA0023	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	04/23/85-11/10/86	1	12	
SARA0025	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	04/23/85-11/10/86	1	12	
SARA0030	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	04/30/87-12/08/87	0	6	
SARA0031	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	04/30/87-12/08/87	0	6	
SARA0046	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	04/22/87-11/02/88	1	14	
SARA0047	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	04/22/87-11/02/88	1	15	
SARA0001	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	10/25/83-11/07/85	2	13	
SARA0002	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	10/25/83-11/07/85	2	13	
SARA0009	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	04/22/87-11/07/88	1	16	
SARA0010	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	04/22/87-11/07/88	1	16	
SARA0023	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	04/23/85-11/10/86	1	12	
SARA0025	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	04/23/85-11/10/86	1	12	

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

Station/Parameter Period of Record Tabulation
From 04/23/64 To 05/09/94

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
SARA0030	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	04/30/87-12/08/87	0	6	
SARA0031	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	04/30/87-12/08/87	0	6	
SARA0046	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	04/22/87-11/02/88	1	14	
SARA0047	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	04/22/87-11/02/88	1	15	
SARA0001	No	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0002	No	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0043	No	34555	1,2,4-TRICHLOROBENZENE WET WGTTISMG/KG	06/09/87-07/21/87	0	3	
SARA0001	No	34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0002	No	34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0001	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	10/25/83-11/07/85	2	14	
SARA0002	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	10/25/83-11/07/85	2	14	
SARA0009	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	04/22/87-11/07/88	1	16	
SARA0010	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	04/22/87-11/07/88	1	16	
SARA0023	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	04/23/85-11/10/86	1	12	
SARA0025	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	04/23/85-11/10/86	1	12	
SARA0030	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	04/30/87-12/08/87	0	6	
SARA0031	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	04/30/87-12/08/87	0	6	
SARA0046	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	04/22/87-11/02/88	1	14	
SARA0047	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	04/22/87-11/02/88	1	15	
SARA0001	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	10/25/83-11/07/85	2	14	
SARA0002	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	10/25/83-11/07/85	2	14	
SARA0009	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	04/22/87-11/07/88	1	16	
SARA0010	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	04/22/87-11/07/88	1	16	
SARA0023	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	04/23/85-11/10/86	1	12	
SARA0025	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	04/23/85-11/10/86	1	12	
SARA0030	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	04/30/87-12/08/87	0	6	
SARA0031	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	04/30/87-12/08/87	0	6	
SARA0046	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	04/22/87-11/02/88	1	14	
SARA0047	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	04/22/87-11/02/88	1	15	
SARA0001	No	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	10/25/83-11/07/85	2	13	
SARA0002	No	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	10/25/83-11/07/85	2	13	
SARA0009	No	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	04/22/87-11/07/88	1	16	
SARA0010	No	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	04/22/87-11/07/88	1	16	
SARA0023	No	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	04/23/85-11/10/86	1	12	
SARA0025	No	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	04/23/85-11/10/86	1	12	
SARA0030	No	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	04/30/87-12/08/87	0	6	
SARA0031	No	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	04/30/87-12/08/87	0	6	
SARA0046	No	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	04/22/87-11/02/88	1	14	
SARA0047	No	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	04/22/87-11/02/88	1	15	
SARA0001	No	34581	2-CHLORONAPHTHALENE TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0002	No	34581	2-CHLORONAPHTHALENE TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0001	No	34586	2-CHLOROPHENOL TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0002	No	34586	2-CHLOROPHENOL TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0001	No	34591	2-NITROPHENOL TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0002	No	34591	2-NITROPHENOL TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0001	No	34596	DI-N-OCTYL PHTHALATE TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0002	No	34596	DI-N-OCTYL PHTHALATE TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0001	No	34601	2,4-DICHLOROPHENOL TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0002	No	34601	2,4-DICHLOROPHENOL TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0001	No	34606	2,4-DIMETHYLPHENOL TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0002	No	34606	2,4-DIMETHYLPHENOL TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0001	No	34611	2,4-DINITROTOLUENE TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0002	No	34611	2,4-DINITROTOLUENE TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0001	No	34616	2,4-DINITROPHENOL TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0002	No	34616	2,4-DINITROPHENOL TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0001	No	34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0002	No	34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0001	No	34626	2,6-DINITROTOLUENE TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0002	No	34626	2,6-DINITROTOLUENE TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0001	No	34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0002	No	34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0001	No	34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0002	No	34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0001	No	34646	4-NITROPHENOL TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0002	No	34646	4-NITROPHENOL TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0001	No	34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0002	No	34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0024	No	34664	PCB - 1221 WET WGTTISMG/KG	11/10/76-11/10/76	0	15	
SARA0001	No	34668	DICHLORODIFUOROMETHANE TOTWUG/L	06/28/84-11/07/85	1	12	
SARA0002	No	34668	DICHLORODIFUOROMETHANE TOTWUG/L	06/28/84-11/07/85	1	12	
SARA0010	No	34668	DICHLORODIFUOROMETHANE TOTWUG/L	04/22/87-11/07/88	1	16	
SARA0023	No	34668	DICHLORODIFUOROMETHANE TOTWUG/L	04/23/85-11/10/86	1	12	

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

Station/Parameter Period of Record Tabulation
From 04/23/64 To 05/09/94

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
SARA0025	No	34668	DICHLORODIFUOROMETHANE TOTWUG/L	04/23/85-11/10/86	1	12	
SARA0030	No	34668	DICHLORODIFUOROMETHANE TOTWUG/L	04/30/87-12/08/87	0	6	
SARA0047	No	34668	DICHLORODIFUOROMETHANE TOTWUG/L	04/22/87-11/02/88	1	15	
SARA0009	No	34671	PCB - 1016 TOTWUG/L	05/01/86-09/28/90	4	74	
SARA0022	No	34671	PCB - 1016 TOTWUG/L	11/18/75-09/08/76	0	8	
SARA0029	No	34671	PCB - 1016 TOTWUG/L	04/04/87-05/30/92	5	38	
SARA0031	No	34671	PCB - 1016 TOTWUG/L	05/01/86-05/06/94	8	212	A
SARA0067	No	34671	PCB - 1016 TOTWUG/L	12/24/85-12/20/93	7	150	
SARA0043	No	34685	ENDRIN WET WGTTISMG/KG	06/09/87-07/21/87	0	3	
SARA0043	No	34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	06/09/87-07/21/87	0	3	
SARA0043	No	34687	HEPTACHLOR WET WGTTISMG/KG	06/09/87-07/21/87	0	3	
SARA0059	No	34687	HEPTACHLOR WET WGTTISMG/KG	01/01/69-01/01/69	0	1	
SARA0043	No	34688	HEXACHLOROBENZENE WET WGTTISMG/KG	06/09/87-07/21/87	0	3	
SARA0006	No	34690	PCB - 1254 WET WGTTISMG/KG	06/24/77-06/24/77	0	2	
SARA0016	No	34690	PCB - 1254 WET WGTTISMG/KG	07/29/75-09/18/75	0	18	
SARA0017	No	34690	PCB - 1254 WET WGTTISMG/KG	07/21/75-09/19/75	0	4	
SARA0024	No	34690	PCB - 1254 WET WGTTISMG/KG	06/22/76-11/10/76	0	17	
SARA0041	No	34690	PCB - 1254 WET WGTTISMG/KG	09/19/75-09/19/75	0	4	
SARA0001	No	34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0002	No	34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0009	No	34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	03/31/88-11/07/88	0	9	
SARA0001	No	34696	NAPHTHALENE TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0002	No	34696	NAPHTHALENE TOTWUG/L	11/22/83-11/22/83	0	1	
SARA0001	No	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	10/25/83-11/07/85	2	13	
SARA0002	No	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	10/25/83-11/07/85	2	13	
SARA0009	No	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	04/22/87-11/07/88	1	16	
SARA0010	No	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	04/22/87-11/07/88	1	16	
SARA0023	No	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	04/23/85-11/10/86	1	12	
SARA0025	No	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	04/23/85-11/10/86	1	12	
SARA0030	No	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	04/30/87-12/08/87	0	6	
SARA0031	No	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	04/30/87-12/08/87	0	6	
SARA0046	No	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	04/22/87-11/02/88	1	14	
SARA0047	No	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	04/22/87-11/02/88	1	15	
SARA0001	No	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	10/25/83-11/07/85	2	13	
SARA0002	No	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	10/25/83-11/07/85	2	13	
SARA0009	No	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	04/22/87-11/07/88	1	16	
SARA0010	No	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	04/22/87-11/07/88	1	16	
SARA0023	No	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	04/23/85-11/10/86	1	12	
SARA0025	No	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	04/23/85-11/10/86	1	12	
SARA0030	No	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	04/30/87-12/08/87	0	6	
SARA0031	No	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	04/30/87-12/08/87	0	6	
SARA0046	No	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	04/22/87-11/02/88	1	14	
SARA0047	No	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	04/22/87-11/02/88	1	15	
SARA0043	No	34754	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN TISWETWTPG/G	06/09/87-07/21/87	0	2	
SARA0067	No	34790	SURFACTANTS, AS CTAS, WATER MG/L	09/11/92-09/11/92	0	1	
SARA0067	No	34795	ANTIMONY, BEDLOAD SED,WET SIEVE DIAM	09/11/92-09/11/92	0	1	
SARA0067	No	34800	ARSENIC, BEDLOAD SED,WET SIEVE DIAM	09/11/92-09/11/92	0	1	
SARA0067	No	34810	BERYLLIUM,BEDLOAD SED,WET SIEVE DIAM	09/11/92-09/11/92	0	1	
SARA0067	No	34816	BISMUTH,BEDLOAD SED,WET SIEVE DIAM	09/11/92-09/11/92	0	1	
SARA0067	No	34825	CADMIUM,BEDLOAD SED,WET SIEVE DIAM	09/11/92-09/11/92	0	1	
SARA0067	No	34830	CALCIUM,BEDLOAD SED,WET SIEVE DIAM	09/11/92-09/11/92	0	1	
SARA0067	No	34835	CERIUM,BEDLOAD SED,WET SIEVE DIAM	09/11/92-09/11/92	0	1	
SARA0067	No	34840	COBALT,BEDLOAD SED,WET SIEVE DIAM	09/11/92-09/11/92	0	1	
SARA0067	No	34845	CHROMIUM,BEDLOAD SED,WET SIEVE DIAM	09/11/92-09/11/92	0	1	
SARA0067	No	34850	COPPER,BEDLOAD SED,WET SIEVE DIAM	09/11/92-09/11/92	0	1	
SARA0067	No	34855	EUROPIUM,BEDLOAD SED,WET SIEVE DIAM	09/11/92-09/11/92	0	1	
SARA0067	No	34860	GALLIUM,BEDLOAD SED,WET SIEVE DIAM	09/11/92-09/11/92	0	1	
SARA0067	No	34870	GOLD,BEDLOAD SED,WET SIEVE DIAM	09/11/92-09/11/92	0	1	
SARA0067	No	34875	HOLMIUM,BEDLOAD SED,WET SIEVE DIAM	09/11/92-09/11/92	0	1	
SARA0067	No	34880	IRON,BEDLOAD SED,WET SIEVE DIAM	09/11/92-09/11/92	0	1	
SARA0067	No	34885	LANTHANUM,BEDLOAD SED,WET SIEVE DIAM	09/11/92-09/11/92	0	1	
SARA0067	No	34890	LEAD,BEDLOAD SED,WET SIEVE DIAM	09/11/92-09/11/92	0	1	
SARA0067	No	34895	LITHIUM,BEDLOAD SED,WET SIEVE DIAM	09/11/92-09/11/92	0	1	
SARA0067	No	34900	MAGNESIUM,BEDLOAD SED,WET SIEVE DIAM	09/11/92-09/11/92	0	1	
SARA0067	No	34905	MANGANESE,BEDLOAD SED,WET SIEVE DIAM	09/11/92-09/11/92	0	1	
SARA0067	No	34910	MERCURY,BEDLOAD SED,WET SIEVE DIAM	09/11/92-09/11/92	0	1	
SARA0067	No	34915	MOLYBDENUM,BEDLOAD SED,WET SIEVE DIAM	09/11/92-09/11/92	0	1	
SARA0067	No	34920	NEODYMIUM,BEDLOAD SED,WET SIEVE DIAM	09/11/92-09/11/92	0	1	
SARA0067	No	34925	NICKEL,BEDLOAD SED,WET SIEVE DIAM	09/11/92-09/11/92	0	1	
SARA0067	No	34930	NIOBIUM,BEDLOAD SED,WET SIEVE DIAM	09/11/92-09/11/92	0	1	
SARA0067	No	34935	PHOSPHORUS,BEDLOAD SED,WET SIEVE DIAM	09/11/92-09/11/92	0	1	
SARA0067	No	34940	POTASSIUM,BEDLOAD SED,WET SIEVE DIAM	09/11/92-09/11/92	0	1	

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

Station/Parameter Period of Record Tabulation
From 04/23/64 To 05/09/94

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
SARA0067	No	34945	SCANDIUM,BEDLOAD SED,WET SIEVE DIAM	09/11/92-09/11/92	0	1	
SARA0067	No	34950	SELENIUM,BEDLOAD SED,WET SIEVE DIAM	09/11/92-09/11/92	0	1	
SARA0067	No	34955	SILVER,BEDLOAD SED,WET SIEVE DIAM	09/11/92-09/11/92	0	1	
SARA0067	No	34960	SODIUM,BEDLOAD SED,WET SIEVE DIAM	09/11/92-09/11/92	0	1	
SARA0067	No	34965	STRONTIUM,BEDLOAD SED,WET SIEVE DIAM	09/11/92-09/11/92	0	1	
SARA0067	No	34970	SULFUR,BEDLOAD SED,WET SIEVE DIAM	09/11/92-09/11/92	0	1	
SARA0067	No	34975	TANTALUM,BEDLOAD SED,WET SIEVE DIAM	09/11/92-09/11/92	0	1	
SARA0067	No	34980	THORIUM,BEDLOAD SED,WET SIEVE DIAM	09/11/92-09/11/92	0	1	
SARA0067	No	34985	TIN,BEDLOAD SED,WET SIEVE DIAM	09/11/92-09/11/92	0	1	
SARA0067	No	35000	URANIUM,BEDLOAD SED,WET SIEVE DIAM	09/11/92-09/11/92	0	1	
SARA0067	No	35005	VANADIUM,BEDLOAD SED,WET SIEVE DIAM	09/11/92-09/11/92	0	1	
SARA0067	No	35010	YTTRIUM,BEDLOAD SED,WET SIEVE DIAM	09/11/92-09/11/92	0	1	
SARA0067	No	35015	YTTERBIUM,BEDLOAD SED,WET SIEVE DIAM	09/11/92-09/11/92	0	1	
SARA0067	No	35020	ZINC,BEDLOAD SED,WET SIEVE DIAM	09/11/92-09/11/92	0	1	
SARA0003	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/23/69-06/11/74	5	52	
SARA0013	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	01/17/73-06/10/74	1	13	
SARA0021	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	11/13/73-06/11/74	0	7	
SARA0022	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	11/13/73-06/11/74	0	7	
SARA0028	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	12/12/72-06/10/74	1	19	
SARA0037	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/07/69-06/11/74	5	112	
SARA0038	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	10/15/73-10/15/73	0	1	
SARA0039	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	10/15/73-10/15/73	0	1	
SARA0066	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	02/06/73-06/10/74	1	11	
SARA0067	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/23/69-06/10/74	5	67	
SARA0043	No	38824	ISOPROPALIN TISWETWGTMG/KG	06/09/87-07/21/87	0	3	
SARA0009	No	39024	PROPAZINE,COULSON CONDUCTIVITY,WATER SAMPL(UG/L)	08/14/86-08/14/86	0	1	
SARA0009	No	39034	PERTHANE IN WHOLE WATER SAMPLE (UG/L)	12/05/78-06/21/79	0	9	
SARA0031	No	39034	PERTHANE IN WHOLE WATER SAMPLE (UG/L)	09/26/78-06/21/79	0	27	
SARA0067	No	39034	PERTHANE IN WHOLE WATER SAMPLE (UG/L)	09/26/78-06/21/79	0	22	
SARA0009	No	39054	SIMETRYNE IN WHOLE WATER (UG/L)	08/14/86-08/14/86	0	1	
SARA0009	No	39055	SIMAZINE IN WHOLE WATER (UG/L)	08/14/86-08/14/86	0	1	
SARA0009	No	39056	PROMETONE IN WHOLE WATER (UG/L)	08/14/86-08/14/86	0	1	
SARA0009	No	39057	PROMETRYNE IN WHOLE WATER (UG/L)	08/14/86-08/14/86	0	1	
SARA0043	No	39063	CHLORDANE-CIS ISOMER,TISSUE WET WGT (UG/G)	06/09/87-07/21/87	0	3	
SARA0043	No	39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	06/09/87-07/21/87	0	3	
SARA0043	No	39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	06/09/87-07/21/87	0	3	
SARA0009	No	39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	08/15/88-08/15/88	0	1	
SARA0046	No	39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	08/15/88-08/15/88	0	1	
SARA0046	No	39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	06/18/92-06/18/92	0	1	
SARA0026	No	39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	02/26/76-02/26/76	0	1	
SARA0006	No	39105	PERCENT FAT HEXANE EXTRACTION	06/24/77-06/24/77	0	2	
SARA0016	No	39105	PERCENT FAT HEXANE EXTRACTION	07/29/75-09/18/75	0	12	
SARA0017	No	39105	PERCENT FAT HEXANE EXTRACTION	07/21/75-09/19/75	0	4	
SARA0024	No	39105	PERCENT FAT HEXANE EXTRACTION	06/22/76-11/10/76	0	17	
SARA0041	No	39105	PERCENT FAT HEXANE EXTRACTION	09/19/75-09/19/75	0	2	
SARA0001	No	39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	11/22/83-11/22/83	0	1	
SARA0002	No	39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	11/22/83-11/22/83	0	1	
SARA0001	No	39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	11/22/83-11/22/83	0	1	
SARA0002	No	39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	11/22/83-11/22/83	0	1	
SARA0001	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	10/25/83-11/07/85	2	13	
SARA0002	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	10/25/83-11/07/85	2	13	
SARA0009	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	04/22/87-11/07/88	1	16	
SARA0010	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	04/22/87-11/07/88	1	16	
SARA0023	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	04/23/85-11/10/86	1	12	
SARA0025	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	04/23/85-11/10/86	1	12	
SARA0030	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	04/30/87-12/08/87	0	6	
SARA0031	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	04/30/87-12/08/87	0	6	
SARA0046	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	04/22/87-11/02/88	1	14	
SARA0047	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	04/22/87-11/02/88	1	15	
SARA0001	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	10/25/83-11/07/85	2	13	
SARA0002	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	10/25/83-11/07/85	2	13	
SARA0009	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	04/22/87-11/07/88	1	16	
SARA0010	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	04/22/87-11/07/88	1	16	
SARA0023	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	04/23/85-11/10/86	1	12	
SARA0025	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	04/23/85-11/10/86	1	12	
SARA0030	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	04/30/87-12/08/87	0	6	
SARA0031	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	04/30/87-12/08/87	0	6	
SARA0046	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	04/22/87-11/02/88	1	14	
SARA0047	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	04/22/87-11/02/88	1	15	
SARA0009	No	39250	NAPTHALENES, POLYCHLORINATED (UG/L)	03/14/77-08/27/79	2	58	
SARA0031	No	39250	NAPTHALENES, POLYCHLORINATED (UG/L)	03/14/77-10/31/79	2	86	
SARA0067	No	39250	NAPTHALENES, POLYCHLORINATED (UG/L)	03/14/76-10/31/79	3	99	

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

Station/Parameter Period of Record Tabulation
From 04/23/64 To 05/09/94

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
SARA0001	No	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	11/22/83-11/22/83	0	1	
SARA0002	No	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	11/22/83-11/22/83	0	1	
SARA0009	No	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	08/12/79-08/12/79	0	1	
SARA0009	No	39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/15/88-08/15/88	0	1	
SARA0046	No	39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/15/88-08/15/88	0	1	
SARA0059	No	39302	P P DDT IN TISSUE WET WGT (UG/G)	01/01/69-01/01/69	0	3	
SARA0059	No	39307	O P DDT IN TISSUE WET WGT (UG/G)	01/01/69-01/01/69	0	2	
SARA0001	No	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	11/22/83-11/22/83	0	1	
SARA0002	No	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	11/22/83-11/22/83	0	1	
SARA0009	No	39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/15/88-08/15/88	0	1	
SARA0046	No	39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/15/88-08/15/88	0	1	
SARA0059	No	39312	P P DDD IN TISSUE WET WGT (UG/G)	01/01/69-01/01/69	0	1	
SARA0043	No	39319	MONOCHLOROBIPHENYL,TOTAL, TISSUE,WET,WT,MG/KG	06/09/87-07/21/87	0	3	
SARA0001	No	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	11/22/83-11/22/83	0	1	
SARA0002	No	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	11/22/83-11/22/83	0	1	
SARA0009	No	39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/15/88-08/15/88	0	1	
SARA0046	No	39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/15/88-08/15/88	0	1	
SARA0043	No	39322	P,P'-DDE IN TISSUE WET WGT MG/KG	06/09/87-07/21/87	0	3	
SARA0059	No	39329	O,P DDE IN TISSUE, WET WGT(UG/G)	01/01/69-01/01/69	0	2	
SARA0001	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	11/22/83-11/22/83	0	1	
SARA0002	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	11/22/83-11/22/83	0	1	
SARA0009	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	03/14/77-08/27/79	2	58	
SARA0031	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	03/14/77-10/31/79	2	86	
SARA0067	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	03/14/76-10/31/79	3	99	
SARA0009	No	39331	ALDRIN IN FILT. FRAC. OF WAT. SAMP. (UG/L)	08/12/79-08/12/79	0	1	
SARA0067	No	39331	ALDRIN IN FILT. FRAC. OF WAT. SAMP. (UG/L)	07/05/78-08/13/79	1	5	
SARA0009	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/15/88-08/15/88	0	1	
SARA0031	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/24/75-08/24/75	0	1	
SARA0046	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/15/88-08/15/88	0	1	
SARA0043	No	39335	DICHLOROBIPHENYL,TOTAL, TISSUE,WET,WT,MG/KG	06/09/87-07/21/87	0	3	
SARA0001	No	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	11/22/83-11/22/83	0	1	
SARA0002	No	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	11/22/83-11/22/83	0	1	
SARA0001	No	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	11/22/83-11/22/83	0	1	
SARA0002	No	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	11/22/83-11/22/83	0	1	
SARA0043	No	39339	TRICHLOROBIPHENYL,TOTAL, TISSUE,WET,WT,MG/KG	06/09/87-07/21/87	0	3	
SARA0001	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	11/22/83-11/22/83	0	1	
SARA0009	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	03/14/77-06/21/79	2	53	
SARA0031	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	03/14/77-06/21/79	2	61	
SARA0067	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	03/14/76-06/21/79	3	85	
SARA0067	No	39341	GAMMA-BHC(LINDANE),DISSOLVED,UG/L	07/05/78-07/05/78	0	1	
SARA0031	No	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	08/24/75-08/24/75	0	1	
SARA0043	No	39345	TETRACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	06/09/87-07/21/87	0	3	
SARA0043	No	39347	PENTACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	06/09/87-07/21/87	0	3	
SARA0009	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	03/14/77-06/21/79	2	53	
SARA0031	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	03/14/77-06/21/79	2	61	
SARA0067	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	03/14/76-06/21/79	3	85	
SARA0009	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	08/15/88-08/15/88	0	1	
SARA0031	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	08/24/75-08/24/75	0	1	
SARA0046	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	08/15/88-08/15/88	0	1	
SARA0067	No	39352	CHLORDANE(TECH MIX & METABS),DISSOLVED,UG/L	07/05/78-07/05/78	0	1	
SARA0043	No	39354	HEPTACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	06/09/87-07/21/87	0	3	
SARA0043	No	39355	OCTACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	06/09/87-07/21/87	0	3	
SARA0009	No	39360	DDD IN WHOLE WATER SAMPLE (UG/L)	03/14/77-06/21/79	2	53	
SARA0031	No	39360	DDD IN WHOLE WATER SAMPLE (UG/L)	03/14/77-06/21/79	2	61	
SARA0067	No	39360	DDD IN WHOLE WATER SAMPLE (UG/L)	03/14/76-06/21/79	3	85	
SARA0067	No	39361	DDD IN FILT. FRAC. OF WATER SMAPLE (UG/L)	07/05/78-07/05/78	0	1	
SARA0031	No	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/24/75-08/24/75	0	1	
SARA0009	No	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	03/14/77-06/21/79	2	53	
SARA0031	No	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	03/14/77-06/21/79	2	61	
SARA0067	No	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	03/14/76-06/21/79	3	85	
SARA0067	No	39366	DDE IN FILT. FRAC. OF WATER SAMPLE (UG/L)	07/05/78-07/05/78	0	1	
SARA0031	No	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/24/75-08/24/75	0	1	
SARA0009	No	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	03/14/77-06/21/79	2	53	
SARA0031	No	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	03/14/77-06/21/79	2	61	
SARA0067	No	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	03/14/76-06/21/79	3	85	
SARA0067	No	39371	DDT IN FILT. FRAC. OF WATER SAMPLE (UG/L)	07/05/78-07/05/78	0	1	
SARA0031	No	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/24/75-08/24/75	0	1	
SARA0006	No	39376	DDT SUM ANALOGS INTISSUE WET WGT BASIS	06/24/77-06/24/77	0	2	
SARA0016	No	39376	DDT SUM ANALOGS INTISSUE WET WGT BASIS	09/17/75-09/18/75	0	10	
SARA0017	No	39376	DDT SUM ANALOGS INTISSUE WET WGT BASIS	07/21/75-09/19/75	0	4	
SARA0024	No	39376	DDT SUM ANALOGS INTISSUE WET WGT BASIS	06/22/76-06/22/76	0	2	
SARA0041	No	39376	DDT SUM ANALOGS INTISSUE WET WGT BASIS	09/19/75-09/19/75	0	4	

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

Station/Parameter Period of Record Tabulation
From 04/23/64 To 05/09/94

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
SARA0059	No	39376	DDT SUM ANALOGS INTISSUE WET WGT BASIS	01/01/69-01/01/69	0	3	
SARA0001	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	11/22/83-11/22/83	0	1	
SARA0002	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	11/22/83-11/22/83	0	1	
SARA0009	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	03/14/77-06/21/79	2	53	
SARA0031	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	03/14/77-06/21/79	2	61	
SARA0067	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	03/14/76-06/21/79	3	85	
SARA0067	No	39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	07/05/78-07/05/78	0	1	
SARA0009	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/15/88-08/15/88	0	1	
SARA0031	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/24/75-08/24/75	0	1	
SARA0046	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/15/88-08/15/88	0	1	
SARA0009	No	39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	03/15/77-06/21/79	2	16	
SARA0031	No	39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	06/01/78-06/21/79	1	45	
SARA0067	No	39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	03/15/77-06/21/79	2	34	
SARA0001	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	11/22/83-11/22/83	0	1	
SARA0002	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	11/22/83-11/22/83	0	1	
SARA0009	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	03/14/77-06/21/79	2	53	
SARA0031	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	03/14/77-06/21/79	2	61	
SARA0067	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	03/14/76-06/21/79	3	85	
SARA0067	No	39391	ENDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	07/05/78-07/05/78	0	1	
SARA0009	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/15/88-08/15/88	0	1	
SARA0031	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/24/75-08/24/75	0	1	
SARA0046	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/15/88-08/15/88	0	1	
SARA0009	No	39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/15/88-08/15/88	0	1	
SARA0031	No	39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/24/75-08/24/75	0	1	
SARA0046	No	39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/15/88-08/15/88	0	1	
SARA0009	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	03/14/77-06/21/79	2	53	
SARA0031	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	03/14/77-06/21/79	2	61	
SARA0067	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	03/14/76-06/21/79	3	85	
SARA0067	No	39401	TOXAPHENE IN FILT. FRAC. OF WATER SAMPLE (UG/L)	07/05/78-07/05/78	0	1	
SARA0009	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/15/88-08/15/88	0	1	
SARA0031	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/24/75-08/24/75	0	1	
SARA0046	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/15/88-08/15/88	0	1	
SARA0043	No	39404	DIELDRIN IN TISSUE WET WGT (UG/G)	06/09/87-07/21/87	0	3	
SARA0043	No	39408	NONACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	06/09/87-07/21/87	0	3	
SARA0043	No	39409	DECACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	06/09/87-07/21/87	0	3	
SARA0001	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	11/22/83-11/22/83	0	1	
SARA0002	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	11/22/83-11/22/83	0	1	
SARA0009	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	03/14/77-06/21/79	2	53	
SARA0031	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	03/14/77-06/21/79	2	61	
SARA0067	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	03/14/76-06/21/79	3	85	
SARA0067	No	39411	HEPTACHLOR IN FILT. FRAC. OF WATER SAMPLE (UG/L)	07/05/78-07/05/78	0	1	
SARA0009	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	08/15/88-08/15/88	0	1	
SARA0031	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	08/24/75-08/24/75	0	1	
SARA0046	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	08/15/88-08/15/88	0	1	
SARA0001	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	11/22/83-11/22/83	0	1	
SARA0002	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	11/22/83-11/22/83	0	1	
SARA0009	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	03/14/77-06/21/79	2	53	
SARA0031	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	03/14/77-06/21/79	2	61	
SARA0067	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	03/14/76-06/21/79	3	85	
SARA0067	No	39421	HEPTACHLOR EPOXIDE IN FILT. FRAC. WAT SAMP (UG/L)	07/05/78-07/05/78	0	1	
SARA0009	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	08/15/88-08/15/88	0	1	
SARA0031	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	08/24/75-08/24/75	0	1	
SARA0046	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	08/15/88-08/15/88	0	1	
SARA0009	No	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	08/15/88-08/15/88	0	1	
SARA0046	No	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	08/15/88-08/15/88	0	1	
SARA0009	No	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	05/01/86-09/28/90	4	74	
SARA0021	No	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	04/13/76-09/08/76	0	6	
SARA0022	No	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	04/13/76-09/08/76	0	6	
SARA0029	No	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	04/04/87-05/30/92	5	38	
SARA0031	No	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	8	212	A
SARA0067	No	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	7	150	
SARA0009	No	39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	08/15/88-08/15/88	0	1	
SARA0046	No	39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	08/15/88-08/15/88	0	1	
SARA0067	No	39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	08/15/83-08/15/83	0	1	
SARA0009	No	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-09/28/90	4	74	
SARA0029	No	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	04/04/87-05/30/92	5	38	
SARA0031	No	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	8	212	A
SARA0067	No	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	7	150	
SARA0067	No	39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	08/15/83-08/15/83	0	1	
SARA0009	No	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-09/28/90	4	74	
SARA0029	No	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	10/09/86-05/30/92	5	41	
SARA0031	No	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	8	214	A

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

Station/Parameter Period of Record Tabulation
From 04/23/64 To 05/09/94

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
SARA0067	No	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	7	150	
SARA0067	No	39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	08/15/83-08/15/83	0	1	
SARA0009	No	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-09/28/90	4	74	
SARA0029	No	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	04/04/87-05/30/92	5	38	
SARA0031	No	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	8	213	A
SARA0067	No	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	7	150	
SARA0009	No	39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	08/15/88-08/15/88	0	1	
SARA0046	No	39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	08/15/88-08/15/88	0	1	
SARA0067	No	39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	08/15/83-08/15/83	0	1	
SARA0009	No	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-09/28/90	4	69	
SARA0021	No	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	11/18/75-09/08/76	0	8	
SARA0022	No	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	11/18/75-09/08/76	0	8	
SARA0029	No	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	04/04/87-05/30/92	5	38	
SARA0031	No	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	8	213	A
SARA0067	No	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	7	144	
SARA0009	No	39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	08/15/88-08/15/88	0	1	
SARA0046	No	39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	08/15/88-08/15/88	0	1	
SARA0067	No	39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	08/15/83-08/15/83	0	1	
SARA0009	No	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-09/28/90	4	74	
SARA0029	No	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	04/04/87-05/30/92	5	38	
SARA0031	No	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	8	212	A
SARA0067	No	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	7	150	
SARA0009	No	39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	08/15/88-08/15/88	0	1	
SARA0046	No	39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	08/15/88-08/15/88	0	1	
SARA0067	No	39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	08/15/83-08/15/83	0	1	
SARA0067	No	39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	08/15/83-08/15/83	0	1	
SARA0006	No	39515	PCBS (MG/KG) FISH TISSUE MG/KG	06/24/77-06/24/77	0	2	
SARA0016	No	39515	PCBS (MG/KG) FISH TISSUE MG/KG	07/29/75-09/18/75	0	22	
SARA0017	No	39515	PCBS (MG/KG) FISH TISSUE MG/KG	07/21/75-09/19/75	0	6	
SARA0024	No	39515	PCBS (MG/KG) FISH TISSUE MG/KG	06/22/76-11/10/76	0	16	
SARA0041	No	39515	PCBS (MG/KG) FISH TISSUE MG/KG	09/19/75-09/19/75	0	4	
SARA0009	No	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	03/14/77-09/15/89	12	288	A
SARA0029	No	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	10/09/86-09/01/89	2	34	
SARA0031	No	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	03/14/77-07/25/91	14	442	A
SARA0037	No	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	02/01/83-02/01/83	0	1	
SARA0067	No	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	03/14/76-07/25/91	15	378	T,A,S
SARA0009	No	39517	PCBS IN FILT. FRAC. OF WATER SAMPLE (UG/L)	08/12/79-06/17/81	1	2	
SARA0031	No	39517	PCBS IN FILT. FRAC. OF WATER SAMPLE (UG/L)	08/12/79-04/25/83	3	5	
SARA0067	No	39517	PCBS IN FILT. FRAC. OF WATER SAMPLE (UG/L)	07/05/78-08/06/85	7	23	
SARA0031	No	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/24/75-08/24/75	0	1	
SARA0042	Yes	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/30/87-04/30/87	0	1	
SARA0044	Yes	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/30/87-04/30/87	0	1	
SARA0051	Yes	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/30/87-04/30/87	0	1	
SARA0056	Yes	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/30/87-04/30/87	0	1	
SARA0009	No	39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/15/88-08/15/88	0	1	
SARA0031	No	39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/24/75-08/24/75	0	1	
SARA0046	No	39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/15/88-08/15/88	0	1	
SARA0009	No	39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/15/88-08/15/88	0	1	
SARA0031	No	39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/24/75-08/24/75	0	1	
SARA0046	No	39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/15/88-08/15/88	0	1	
SARA0009	No	39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/15/88-08/15/88	0	1	
SARA0031	No	39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/24/75-08/24/75	0	1	
SARA0046	No	39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/15/88-08/15/88	0	1	
SARA0031	No	39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	08/24/75-08/24/75	0	1	
SARA0009	No	39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	08/14/86-08/14/86	0	1	
SARA0009	No	39631	ATRAZINE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	08/15/88-08/15/88	0	1	
SARA0046	No	39631	ATRAZINE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	08/15/88-08/15/88	0	1	
SARA0031	No	39650	DIURON IN WHOLE WATER SAMPLE (UG/L)	04/23/92-04/23/92	0	1	
SARA0001	No	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	11/22/83-11/22/83	0	1	
SARA0002	No	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	11/22/83-11/22/83	0	1	
SARA0031	No	39731	2,4-D IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/24/75-08/24/75	0	1	
SARA0031	No	39741	2,4,5-T IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/24/75-08/24/75	0	1	
SARA0009	No	39755	MIREX, TOTAL (UG/L)	03/30/77-08/31/78	1	42	
SARA0031	No	39755	MIREX, TOTAL (UG/L)	12/14/77-06/07/79	1	37	
SARA0067	No	39755	MIREX, TOTAL (UG/L)	03/30/77-04/24/79	2	64	
SARA0067	No	39756	MIREX, DISSOLVED (UG/L)	07/05/78-07/05/78	0	1	
SARA0009	No	39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	08/15/88-08/15/88	0	1	
SARA0046	No	39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	08/15/88-08/15/88	0	1	
SARA0031	No	39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/24/75-08/24/75	0	1	
SARA0002	No	39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	11/22/83-11/22/83	0	1	
SARA0043	No	39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	06/09/87-07/21/87	0	3	
SARA0059	No	39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	01/01/69-01/01/69	0	1	

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

Station/Parameter Period of Record Tabulation
From 04/23/64 To 05/09/94

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
SARA0031	No	39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/24/75-08/24/75	0	1	
SARA0031	No	39791	METHYL TRITHION IN BOT DEPOS (UG/KG DRY SOLIDS)	08/24/75-08/24/75	0	1	
SARA0043	No	46333	PENTACHLORONITROBENZENE (PCNB) IN TISSUE WET MG/KG	06/09/87-07/21/87	0	3	
SARA0021	No	46343	PCB -1016/1242,BOTTOM SEDIMENTS,DRY WT UG/KG	11/18/75-09/08/76	0	8	
SARA0003	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/23/69-04/27/71	2	25	
SARA0005	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/06/66-10/06/66	0	1	
SARA0009	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/22/87-11/07/88	1	16	
SARA0010	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/22/87-11/07/88	1	16	
SARA0030	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/30/87-12/08/87	0	6	
SARA0031	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/21/75-12/08/87	12	8	
SARA0032	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/11/66-10/11/66	0	1	
SARA0037	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/23/69-04/27/71	2	52	
SARA0046	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/22/87-11/02/88	1	16	
SARA0047	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/22/87-11/02/88	1	16	
SARA0067	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/23/69-04/14/71	1	26	
SARA0003	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/23/69-11/13/73	4	52	
SARA0013	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	01/17/73-04/15/74	1	11	
SARA0028	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	12/12/72-04/15/74	1	17	
SARA0037	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/07/69-04/15/74	5	112	
SARA0066	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	02/06/73-04/15/74	1	9	
SARA0067	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/23/69-04/15/74	4	65	
SARA0003	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	04/23/69-05/25/71	2	24	
SARA0005	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	10/06/66-10/06/66	0	1	
SARA0031	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	04/21/75-03/29/76	0	3	
SARA0032	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	10/11/66-10/11/66	0	1	
SARA0003	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/23/69-11/13/73	4	52	
SARA0005	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/06/66-10/06/66	0	1	
SARA0013	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/17/73-04/15/74	1	11	
SARA0028	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	12/12/72-04/15/74	1	17	
SARA0031	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/21/75-03/29/76	0	3	
SARA0032	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/11/66-10/11/66	0	1	
SARA0037	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/07/69-04/15/74	5	112	
SARA0066	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	02/06/73-04/15/74	1	9	
SARA0067	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/23/69-04/15/74	4	65	
SARA0009	No	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	03/24/76-02/21/81	4	35	
SARA0028	No	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	03/29/76-03/29/76	0	1	
SARA0067	No	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	04/24/77-12/17/87	10	23	
SARA0067	No	70332	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .125MM	03/28/78-03/28/78	0	1	
SARA0067	No	70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	03/28/78-03/28/78	0	1	
SARA0067	No	70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	03/28/78-03/28/78	0	1	
SARA0067	No	70339	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .008MM	03/28/78-03/28/78	0	1	
SARA0067	No	70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	03/28/78-03/28/78	0	1	
SARA0067	No	70341	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .031MM	03/28/78-03/28/78	0	1	
SARA0001	No	70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/26/77-11/04/81	4	31	
SARA0004	No	70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/26/77-10/09/80	3	23	
SARA0010	No	70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	04/22/87-11/07/88	1	16	
SARA0021	No	70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/25/77-03/18/82	4	41	
SARA0022	No	70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/25/77-03/18/82	4	30	
SARA0025	No	70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/26/77-11/12/86	9	85	
SARA0027	No	70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/26/77-11/12/86	9	84	
SARA0030	No	70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	02/26/81-12/08/87	6	16	
SARA0045	Yes	70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	07/23/87-07/23/87	0	1	
SARA0047	No	70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	04/22/87-11/02/88	1	16	
SARA0053	Yes	70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	07/23/87-07/23/87	0	1	
SARA0057	Yes	70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	07/23/87-07/23/87	0	1	
SARA0061	Yes	70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	07/23/87-07/23/87	0	1	
SARA0063	No	70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/26/77-11/12/86	9	86	
SARA0064	No	70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/26/77-11/12/86	9	74	
SARA0065	No	70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	07/23/87-07/23/87	0	1	
SARA0068	No	70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/26/77-11/05/81	4	30	
SARA0069	No	70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/26/77-10/08/80	3	22	
SARA0003	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/11/74-05/21/75	0	8	
SARA0013	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/13/74-04/07/75	0	11	
SARA0028	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/13/74-04/07/75	0	12	
SARA0031	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	04/21/75-03/29/76	0	3	
SARA0037	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/14/74-05/29/75	1	14	
SARA0066	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/13/74-05/19/75	1	9	
SARA0067	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/13/74-05/27/75	1	14	
SARA0043	No	70977	INSTRUMENT RATIO, LAB/FIELD CONCENTRATIONS, NUMBER	06/09/87-07/21/87	0	2	
SARA0003	No	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/23/69-08/21/73	4	50	
SARA0013	No	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	01/17/73-08/21/73	0	6	
SARA0028	No	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	12/12/72-09/05/73	0	10	

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

Station/Parameter Period of Record Tabulation
From 04/23/64 To 05/09/94

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
SARA0037	No	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/07/69-09/18/73	4	105	
SARA0066	No	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	02/06/73-08/21/73	0	6	
SARA0067	No	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/23/69-09/05/73	4	56	
SARA0003	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/23/69-08/21/73	4	50	
SARA0005	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/06/66-10/06/66	0	1	
SARA0013	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	01/17/73-08/21/73	0	6	
SARA0028	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	12/12/72-09/05/73	0	10	
SARA0032	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/11/66-10/11/66	0	1	
SARA0037	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/07/69-09/18/73	4	105	
SARA0066	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	02/06/73-08/21/73	0	6	
SARA0067	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/23/69-09/05/73	4	56	
SARA0003	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	04/23/69-08/21/73	4	50	
SARA0013	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	01/17/73-08/21/73	0	6	
SARA0028	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	12/12/72-09/05/73	0	10	
SARA0037	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	04/07/69-09/18/73	4	105	
SARA0066	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	02/06/73-08/21/73	0	6	
SARA0067	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	04/23/69-09/05/73	4	56	
SARA0003	No	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	10/27/70-08/21/73	2	31	
SARA0013	No	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	01/17/73-08/21/73	0	6	
SARA0028	No	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	12/12/72-09/05/73	0	10	
SARA0037	No	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	10/15/70-09/18/73	2	66	
SARA0066	No	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	02/06/73-08/21/73	0	6	
SARA0067	No	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	10/15/70-09/05/73	2	38	
SARA0003	No	71885	IRON (UG/L AS FE)	04/23/69-08/21/73	4	50	
SARA0013	No	71885	IRON (UG/L AS FE)	01/17/73-08/21/73	0	6	
SARA0028	No	71885	IRON (UG/L AS FE)	12/12/72-09/05/73	0	10	
SARA0037	No	71885	IRON (UG/L AS FE)	04/07/69-09/18/73	4	104	
SARA0066	No	71885	IRON (UG/L AS FE)	02/06/73-08/21/73	0	6	
SARA0067	No	71885	IRON (UG/L AS FE)	04/23/69-09/05/73	4	55	
SARA0003	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/23/69-05/21/75	6	36	
SARA0013	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/07/75-04/07/75	0	1	
SARA0028	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/07/75-04/07/75	0	1	
SARA0037	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/07/69-05/29/75	6	72	
SARA0066	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/07/75-05/19/75	0	2	
SARA0067	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/23/69-05/27/75	6	38	
SARA0003	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	10/10/73-05/21/75	1	10	
SARA0009	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	03/14/77-12/05/78	1	46	
SARA0013	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	10/16/73-04/07/75	1	16	
SARA0028	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	10/02/73-04/07/75	1	19	
SARA0031	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	04/21/75-12/05/78	3	35	
SARA0037	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	10/16/73-05/29/75	1	21	
SARA0066	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	01/21/74-05/19/75	1	12	
SARA0067	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	10/02/73-12/06/78	5	90	
SARA0037	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	10/22/70-10/22/70	0	1	
SARA0001	No	71900	MERCURY, TOTAL (UG/L AS HG)	07/16/81-11/07/85	4	17	
SARA0002	No	71900	MERCURY, TOTAL (UG/L AS HG)	09/01/83-11/07/85	2	15	
SARA0003	No	71900	MERCURY, TOTAL (UG/L AS HG)	05/09/72-08/14/74	2	5	
SARA0009	No	71900	MERCURY, TOTAL (UG/L AS HG)	04/22/87-11/07/88	1	16	
SARA0010	No	71900	MERCURY, TOTAL (UG/L AS HG)	04/22/87-11/07/88	1	16	
SARA0013	No	71900	MERCURY, TOTAL (UG/L AS HG)	05/30/73-10/28/74	1	5	
SARA0023	No	71900	MERCURY, TOTAL (UG/L AS HG)	04/23/85-11/10/86	1	12	
SARA0025	No	71900	MERCURY, TOTAL (UG/L AS HG)	07/15/81-11/10/86	5	14	
SARA0028	No	71900	MERCURY, TOTAL (UG/L AS HG)	04/16/73-10/28/74	1	5	
SARA0030	No	71900	MERCURY, TOTAL (UG/L AS HG)	01/08/87-12/08/87	0	14	
SARA0031	No	71900	MERCURY, TOTAL (UG/L AS HG)	04/21/75-12/08/87	12	32	
SARA0037	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/22/70-04/08/75	4	31	
SARA0038	No	71900	MERCURY, TOTAL (UG/L AS HG)	09/18/73-09/18/73	0	1	
SARA0039	No	71900	MERCURY, TOTAL (UG/L AS HG)	09/18/73-09/18/73	0	1	
SARA0046	No	71900	MERCURY, TOTAL (UG/L AS HG)	04/22/87-11/02/88	1	16	
SARA0047	No	71900	MERCURY, TOTAL (UG/L AS HG)	04/22/87-11/02/88	1	16	
SARA0066	No	71900	MERCURY, TOTAL (UG/L AS HG)	05/30/73-10/28/74	1	5	
SARA0067	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/27/71-10/28/74	3	10	
SARA0068	No	71900	MERCURY, TOTAL (UG/L AS HG)	07/16/81-09/10/81	0	2	
SARA0009	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	10/26/87-08/15/88	0	2	
SARA0010	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	10/26/87-08/15/88	0	2	
SARA0031	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	08/24/75-08/24/75	0	1	
SARA0046	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	10/26/87-08/15/88	0	2	
SARA0047	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	10/26/87-08/15/88	0	2	
SARA0006	No	71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	06/24/77-06/24/77	0	2	
SARA0024	No	71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	08/24/77-08/24/77	0	1	
SARA0043	No	71935	MERCURY, TOTAL IN FISH (PPM,WET WEIGHT BASIS)	06/09/87-07/21/87	0	3	
SARA0006	No	71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	06/24/77-06/24/77	0	2	

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

Station/Parameter Period of Record Tabulation
From 04/23/64 To 05/09/94

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
SARA0024	No	71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	08/24/77-08/24/77	0	1	
SARA0006	No	71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	06/24/77-06/24/77	0	2	
SARA0024	No	71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	08/24/77-08/24/77	0	1	
SARA0006	No	71938	ZINC,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	06/24/77-06/24/77	0	2	
SARA0024	No	71938	ZINC,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	08/24/77-08/24/77	0	1	
SARA0006	No	71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	06/24/77-06/24/77	0	2	
SARA0024	No	71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	08/24/77-08/24/77	0	1	
SARA0006	No	71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	06/24/77-06/24/77	0	2	
SARA0024	No	71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	08/24/77-08/24/77	0	1	
SARA0031	No	72005	SAMPLE SOURCE CODE (BM WELL DATA)	07/05/78-12/05/86	8	216	
SARA0037	No	72005	SAMPLE SOURCE CODE (BM WELL DATA)	02/01/83-02/01/83	0	1	
SARA0004	No	74010	IRON, TOTAL (MG/L AS FE)	10/16/73-10/16/73	0	1	
SARA0022	No	74010	IRON, TOTAL (MG/L AS FE)	01/22/74-09/03/74	0	9	
SARA0038	No	74010	IRON, TOTAL (MG/L AS FE)	11/13/73-11/13/73	0	1	
SARA0010	No	74069	FLOW, ESTIMATED STREAM CFS	04/22/87-11/07/88	1	16	
SARA0030	No	74069	FLOW, ESTIMATED STREAM CFS	01/08/87-12/08/87	0	14	
SARA0047	No	74069	FLOW, ESTIMATED STREAM CFS	04/22/87-11/02/88	1	16	
SARA0043	No	76530	BIPHENYL TISSUE ,WET WGT,MG/KG	06/09/87-07/21/87	0	3	
SARA0010	No	78422	ALDRIN SEDWETWTMG/KG	10/26/87-08/15/88	0	2	
SARA0047	No	78422	ALDRIN SEDWETWTMG/KG	10/26/87-08/15/88	0	2	
SARA0010	No	78423	DIELDRIN SEDWETWTMG/KG	10/26/87-08/15/88	0	2	
SARA0047	No	78423	DIELDRIN SEDWETWTMG/KG	10/26/87-08/15/88	0	2	
SARA0010	No	78424	CHLORDANE SEDWETWTMG/KG	10/26/87-08/15/88	0	2	
SARA0047	No	78424	CHLORDANE SEDWETWTMG/KG	10/26/87-08/15/88	0	2	
SARA0010	No	78425	4,4'-DDT SEDWETWTMG/KG	10/26/87-08/15/88	0	2	
SARA0047	No	78425	4,4'-DDT SEDWETWTMG/KG	10/26/87-08/15/88	0	2	
SARA0010	No	78426	4,4'-DDE SEDWETWTMG/KG	10/26/87-08/15/88	0	2	
SARA0047	No	78426	4,4'-DDE SEDWETWTMG/KG	10/26/87-08/15/88	0	2	
SARA0010	No	78427	4,4'-DDD SEDWETWTMG/KG	10/26/87-08/15/88	0	2	
SARA0047	No	78427	4,4'-DDD SEDWETWTMG/KG	10/26/87-08/15/88	0	2	
SARA0010	No	78428	ALPHA-ENDOSULFAN SEDWETWTMG/KG	10/26/87-08/15/88	0	2	
SARA0047	No	78428	ALPHA-ENDOSULFAN SEDWETWTMG/KG	10/26/87-08/15/88	0	2	
SARA0010	No	78429	BETA-ENDOSULFAN SEDWETWTMG/KG	10/26/87-08/15/88	0	2	
SARA0047	No	78429	BETA-ENDOSULFAN SEDWETWTMG/KG	10/26/87-08/15/88	0	2	
SARA0010	No	78430	ENDOSULFAN SULFATE SEDWETWTMG/KG	10/26/87-08/15/88	0	2	
SARA0047	No	78430	ENDOSULFAN SULFATE SEDWETWTMG/KG	10/26/87-08/15/88	0	2	
SARA0010	No	78431	ENDRIN SEDWETWTMG/KG	10/26/87-08/15/88	0	2	
SARA0047	No	78431	ENDRIN SEDWETWTMG/KG	10/26/87-08/15/88	0	2	
SARA0010	No	78432	ENDRIN ALDEHYDE SEDWETWTMG/KG	10/26/87-08/15/88	0	2	
SARA0047	No	78432	ENDRIN ALDEHYDE SEDWETWTMG/KG	10/26/87-08/15/88	0	2	
SARA0010	No	78433	HEPTACHLOR SEDWETWTMG/KG	10/26/87-08/15/88	0	2	
SARA0047	No	78433	HEPTACHLOR SEDWETWTMG/KG	10/26/87-08/15/88	0	2	
SARA0010	No	78434	HEPTACHLOR EPOXIDE SEDWETWTMG/KG	10/26/87-08/15/88	0	2	
SARA0047	No	78434	HEPTACHLOR EPOXIDE SEDWETWTMG/KG	10/26/87-08/15/88	0	2	
SARA0010	No	78435	ALPHA-BHC SEDWETWTMG/KG	10/26/87-08/15/88	0	2	
SARA0047	No	78435	ALPHA-BHC SEDWETWTMG/KG	10/26/87-08/15/88	0	2	
SARA0010	No	78436	BETA-BHC SEDWETWTMG/KG	10/26/87-08/15/88	0	2	
SARA0047	No	78436	BETA-BHC SEDWETWTMG/KG	10/26/87-08/15/88	0	2	
SARA0010	No	78437	DELTA-BHC SEDWETWTMG/KG	10/26/87-08/15/88	0	2	
SARA0047	No	78437	DELTA-BHC SEDWETWTMG/KG	10/26/87-08/15/88	0	2	
SARA0010	No	78438	GAMMA-BHC(LINDANE) SEDWETWTMG/KG	10/26/87-08/15/88	0	2	
SARA0047	No	78438	GAMMA-BHC(LINDANE) SEDWETWTMG/KG	10/26/87-08/15/88	0	2	
SARA0010	No	78440	PCB-1254 SEDWETWTMG/KG	10/26/87-08/15/88	0	2	
SARA0047	No	78440	PCB-1254 SEDWETWTMG/KG	10/26/87-08/15/88	0	2	
SARA0010	No	78441	PCB-1221 SEDWETWTMG/KG	10/26/87-08/15/88	0	2	
SARA0047	No	78441	PCB-1221 SEDWETWTMG/KG	10/26/87-08/15/88	0	2	
SARA0010	No	78443	PCB-1248 SEDWETWTMG/KG	10/26/87-08/15/88	0	2	
SARA0047	No	78443	PCB-1248 SEDWETWTMG/KG	10/26/87-08/15/88	0	2	
SARA0010	No	78444	PCB-1260 SEDWETWTMG/KG	10/26/87-08/15/88	0	2	
SARA0047	No	78444	PCB-1260 SEDWETWTMG/KG	10/26/87-08/15/88	0	2	
SARA0010	No	78447	TOXAPHENE SEDWETWTMG/KG	10/26/87-08/15/88	0	2	
SARA0047	No	78447	TOXAPHENE SEDWETWTMG/KG	10/26/87-08/15/88	0	2	
SARA0010	No	78448	METHOXYCHLOR SEDWETWTMG/KG	10/26/87-08/15/88	0	2	
SARA0047	No	78448	METHOXYCHLOR SEDWETWTMG/KG	10/26/87-08/15/88	0	2	
SARA0010	No	78450	DISULFOTON SEDWETWTMG/KG	08/15/88-08/15/88	0	1	
SARA0047	No	78450	DISULFOTON SEDWETWTMG/KG	08/15/88-08/15/88	0	1	
SARA0010	No	78452	ETHYL PARATHION SEDWETWTMG/KG	08/15/88-08/15/88	0	1	
SARA0047	No	78452	ETHYL PARATHION SEDWETWTMG/KG	08/15/88-08/15/88	0	1	
SARA0043	No	78907	HEXACHLOROBIPHENYLS IN FISH TISSUE WET WGT. MG/KG	06/09/87-07/21/87	0	3	
SARA0043	No	78922	NONACHLOR, TRANS, TISSUE, WET WEIGHT MG/KG	06/09/87-07/21/87	0	3	
SARA0043	No	78923	NONACHLOR, CIS, TISSUE, WET WEIGHT MG/KG	06/09/87-07/21/87	0	3	
SARA0043	No	79026	1,2,3,4,-TETRACHLOROBENZENE IN FISH WET WGT MG/KG	06/09/87-07/21/87	0	3	

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

Station/Parameter Period of Record Tabulation
From 04/23/64 To 05/09/94

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
SARA0009	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/24/76-09/28/90	14	307	A
SARA0028	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/29/76-03/29/76	0	1	
SARA0029	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	06/13/86-09/28/90	4	61	
SARA0031	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/21/75-09/14/93	18	487	T,A,S
SARA0046	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	05/10/88-11/02/88	0	5	
SARA0067	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/30/77-05/26/93	16	486	A,S
SARA0009	No	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/26/76-12/18/87	11	186	A
SARA0010	No	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	04/22/87-11/07/88	1	5	
SARA0029	No	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	10/09/86-12/18/87	1	7	
SARA0031	No	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	04/21/75-12/17/87	12	283	
SARA0047	No	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	05/10/88-11/02/88	0	5	
SARA0067	No	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/30/77-12/18/87	10	249	
SARA0009	No	80157	BED MATERIAL FALL DIAMETER, % FINER THAN .004MM	10/26/87-08/15/88	0	2	
SARA0010	No	80157	BED MATERIAL FALL DIAMETER, % FINER THAN .004MM	10/26/87-08/15/88	0	2	
SARA0046	No	80157	BED MATERIAL FALL DIAMETER, % FINER THAN .004MM	10/26/87-08/15/88	0	2	
SARA0047	No	80157	BED MATERIAL FALL DIAMETER, % FINER THAN .004MM	10/26/87-08/15/88	0	2	
SARA0067	No	80157	BED MATERIAL FALL DIAMETER, % FINER THAN .004MM	09/11/92-09/11/92	0	1	
SARA0009	No	80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/26/87-08/15/88	0	2	
SARA0010	No	80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/26/87-08/15/88	0	2	
SARA0046	No	80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/26/87-08/15/88	0	2	
SARA0047	No	80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/26/87-08/15/88	0	2	
SARA0067	No	80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	09/11/92-09/11/92	0	1	
SARA0009	No	80165	BED MATERIAL SIEVE DIAMETER,% FINER THAN .125MM	10/26/87-08/15/88	0	2	
SARA0010	No	80165	BED MATERIAL SIEVE DIAMETER,% FINER THAN .125MM	10/26/87-08/15/88	0	2	
SARA0046	No	80165	BED MATERIAL SIEVE DIAMETER,% FINER THAN .125MM	10/26/87-08/15/88	0	2	
SARA0047	No	80165	BED MATERIAL SIEVE DIAMETER,% FINER THAN .125MM	10/26/87-08/15/88	0	2	
SARA0009	No	80169	BED MATERIAL SIEVE DIAMETER,% FINER THAN 2.00MM	10/26/87-08/15/88	0	2	
SARA0046	No	80169	BED MATERIAL SIEVE DIAMETER,% FINER THAN 2.00MM	10/26/87-10/26/87	0	1	
SARA0043	No	81312	POLYCHLORINATEDBIPHENYLS FISH TISSUE WET WGT MG/KG	06/09/87-07/21/87	0	3	
SARA0006	No	81371	PCBS AROCLOR 1016&1242 IN FISH TISSUE WET WGT UG/G	06/24/77-06/24/77	0	2	
SARA0016	No	81371	PCBS AROCLOR 1016&1242 IN FISH TISSUE WET WGT UG/G	07/29/75-09/18/75	0	22	
SARA0017	No	81371	PCBS AROCLOR 1016&1242 IN FISH TISSUE WET WGT UG/G	07/21/75-09/19/75	0	8	
SARA0024	No	81371	PCBS AROCLOR 1016&1242 IN FISH TISSUE WET WGT UG/G	06/22/76-11/10/76	0	17	
SARA0041	No	81371	PCBS AROCLOR 1016&1242 IN FISH TISSUE WET WGT UG/G	09/19/75-09/19/75	0	4	
SARA0009	No	81404	DURSBAN,BOTTOM DEPOSITS,DRY WGT,UG/KG	08/15/88-08/15/88	0	1	
SARA0046	No	81404	DURSBAN,BOTTOM DEPOSITS,DRY WGT,UG/KG	08/15/88-08/15/88	0	1	
SARA0026	No	81422	C15 ALCOHOL WHL WATER SMPL UG/L	02/26/76-02/26/76	0	1	
SARA0026	No	81423	C16 ALCOHOL WHL WATER SMPL UG/L	02/26/76-02/26/76	0	1	
SARA0026	No	81424	C17 ALCOHOL WHL WATER SMPL UG/L	02/26/76-02/26/76	0	1	
SARA0026	No	81425	C18 ALCOHOL WHL WATER SMPL UG/L	02/26/76-02/26/76	0	1	
SARA0026	No	81426	C19 ALCOHOL WHL WATER SMPL UG/L	02/26/76-02/26/76	0	1	
SARA0026	No	81427	C20 ALCOHOL WHL WATER SMPL UG/L	02/26/76-02/26/76	0	1	
SARA0026	No	81428	C21 ALCOHOL WHL WATER SMPL UG/L	02/26/76-02/26/76	0	1	
SARA0026	No	81429	C22 ALCOHOL WHL WATER SMPL UG/L	02/26/76-02/26/76	0	1	
SARA0026	No	81491	METHYL PALMITATE WHL WATER SMPL UG/L	02/26/76-02/26/76	0	1	
SARA0026	No	81494	METHYL STEARATE WHL WATER SMPL UG/L	02/26/76-02/26/76	0	1	
SARA0026	No	81504	TERPINEOL C=10 WHL WATER SMPL UG/L	02/26/76-02/26/76	0	1	
SARA0006	No	81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	06/24/77-06/24/77	0	2	
SARA0016	No	81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	07/29/75-09/18/75	0	22	
SARA0017	No	81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	07/21/75-09/19/75	0	8	
SARA0024	No	81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	06/22/76-08/24/77	1	18	
SARA0041	No	81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	09/19/75-09/19/75	0	4	
SARA0059	No	81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	01/01/69-01/01/69	0	3	
SARA0006	No	81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	06/24/77-06/24/77	0	2	
SARA0016	No	81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	07/29/75-09/18/75	0	10	
SARA0017	No	81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	07/21/75-09/19/75	0	6	
SARA0024	No	81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	06/22/76-08/24/77	1	13	
SARA0041	No	81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	09/19/75-09/19/75	0	4	
SARA0043	No	81644	METHOXYCHLOR IN FISH TISSUE,UG/G WET WEIGHT	06/09/87-07/21/87	0	3	
SARA0006	No	81645	MIREX IN FISH TISSUE WET WEIGHT UG/G	06/24/77-06/24/77	0	2	
SARA0043	No	81645	MIREX IN FISH TISSUE WET WEIGHT UG/G	06/09/87-07/21/87	0	3	
SARA0043	No	81652	TREFLAN IN FISH TISSUE WET WEIGHT MG/KG	06/09/87-07/21/87	0	3	
SARA0009	No	81757	CYANAZINE IN THE WHOLE WATER SAMPLE UG/L	08/14/86-08/14/86	0	1	
SARA0043	No	81807	DURSBAN IN FISH TISSUE WET WEIGHT MG/KG	06/09/87-07/21/87	0	3	
SARA0043	No	81823	PENTACHLOROANISOLE(PCA)INFISH TISSUE WET WGT MG/KG	06/09/87-07/21/87	0	3	
SARA0059	No	81896	DDE TOTAL IN TISSUE WET WEIGHT MG/KG	01/01/69-01/01/69	0	3	
SARA0043	No	82029	OXYCHLORDANE IN TISSUE SAMPLE WET WEIGHT MG/KG	06/09/87-07/21/87	0	3	
SARA0001	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	04/22/81-11/04/81	0	8	
SARA0010	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	04/22/87-11/07/88	1	16	
SARA0021	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/28/81-11/04/81	0	11	
SARA0025	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	02/26/81-11/04/81	0	11	
SARA0030	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	02/26/81-12/08/87	6	16	

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

Station/Parameter Period of Record Tabulation
From 04/23/64 To 05/09/94

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
SARA0047	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	04/22/87-11/02/88	1	16	
SARA0063	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	02/26/81-11/05/81	0	12	
SARA0068	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	04/22/81-11/05/81	0	8	
SARA0009	No	82184	AMETRYNE (GESAPAX OR EVIK) TOTAL UG/L	08/14/86-08/14/86	0	1	
SARA0009	No	82398	SAMPLING METHOD (CODES)	12/02/83-09/28/90	6	41	
SARA0031	No	82398	SAMPLING METHOD (CODES)	12/02/83-09/04/92	8	72	
SARA0046	No	82398	SAMPLING METHOD (CODES)	04/22/87-10/04/88	1	14	
SARA0067	No	82398	SAMPLING METHOD (CODES)	04/18/83-08/26/93	10	42	
SARA0006	No	84007	ANATOMY ALPHA CODE	06/24/77-06/24/77	0	2	
SARA0016	No	84007	ANATOMY ALPHA CODE	07/29/75-09/18/75	0	22	
SARA0017	No	84007	ANATOMY ALPHA CODE	07/21/75-09/19/75	0	8	
SARA0024	No	84007	ANATOMY ALPHA CODE	06/22/76-08/24/77	1	18	
SARA0041	No	84007	ANATOMY ALPHA CODE	09/19/75-09/19/75	0	4	
SARA0043	No	84007	ANATOMY ALPHA CODE	06/09/87-07/21/87	0	3	
SARA0059	No	84007	ANATOMY ALPHA CODE	01/01/69-01/01/69	0	3	
SARA0043	No	85675	TRICHLOROBENZENE,1,3,5- TISSUE,WET,WT,MG/KG	06/09/87-07/21/87	0	3	
SARA0043	No	85676	TRICHLOROBENZENE,1,2,3- TISSUE,WET,WT,MG/KG	06/09/87-07/21/87	0	3	
SARA0043	No	85677	TETRACHLOROBENZENE,1,2,4,5- TISSUE,WET,WT,MG/KG	06/09/87-07/21/87	0	3	
SARA0043	No	85678	TETRACHLOROBENZENE,1,2,3,5- TISSUE,WET,WT,MG/KG	06/09/87-07/21/87	0	3	
SARA0043	No	85679	PENTACHLOROBENZENE TISSUE,WET,WT,MG/KG	06/09/87-07/21/87	0	3	
SARA0043	No	85680	DIPHENYL DISULFIDE TISSUE,WET,WT,MG/KG	06/09/87-07/21/87	0	3	
SARA0043	No	85681	OCTACHLOROSTYRENE TISSUE,WET,WT,MG/KG	06/09/87-07/21/87	0	3	
SARA0043	No	85682	NITROFEN TISSUE,WET,WT,MG/KG	06/09/87-07/21/87	0	3	
SARA0043	No	85683	PERTHANE TISSUE,WET,WT,MG/KG	06/09/87-07/21/87	0	3	
SARA0043	No	85684	DICOFOL (KELTHANE) TISSUE,WET,WT,MG/KG	06/09/87-07/21/87	0	3	

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

Station-By-Station Results

Station Inventory for Station: SARA0001

NPS Station ID: SARA0001
LAT/LON: 43.084726/ -73.525559
Agency: 21NYDECA
Date Created: 02/18/89
Location: BATTEN KILL IN MIDDLE FALLS @ NIMO FOREBAY
FIPS State/County: 36115 NEW YORK/WASHINGTON
Station Type: /TYPA/AMBNT/STREAM/NET
STORET Station ID(s): 11031005 /GS01329640
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02020003
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id: BATTEN KILL IN MIDDLE FAL
Minor Basin: UPPER HUDSON RIVER
ECO Region:
RF1 Index: 02020003
RF1 Mile Point: 0.000
Distance from RF1: 0.60
On/Off RF1:
RF3 Index: 02020003005700.00
RF3 Mile Point: 4.03
Distance from RF3: 0.10
On/Off RF3:
Description:

Parameter Inventory for Station: SARA0001

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/23/64-10/09/80	135	11.	11.807	26.	0.	64.773	8.048	1.	4.	19.	22.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/22/71-10/09/80	57	16.	17.096	35.	-6.	92.626	9.624	4.	2.	26.	28.2
00032	CLOUD COVER (PERCENT)	09/14/71-10/09/80	49	80.	65.469	99.	0.	1367.004	36.973	10.	30.	99.	99.
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/20/67-05/25/71	33	320.	298.485	360.	180.	3688.258	60.731	240.	240.	360.	360.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/23/64-09/09/76	117	3.	4.624	28.	0.5	25.644	5.064	1.	2.	5.65	8.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/12/76-10/09/80	22	2.1	3.214	28.	1.	31.163	5.582	1.	1.375	2.825	3.31
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/29/65-11/04/81	120	179.	192.792	1720.	69.	21009.074	144.945	137.	158.25	207.5	223.8
00300p	OXYGEN, DISSOLVED MG/L	04/23/64-10/09/80	137	10.4	10.396	15.1	5.2	6.671	2.583	6.8	8.2	12.65	13.82
00303	BOD, 1DAY, 20 DEG C MG/L	04/21/75-11/04/81	40	0.5	0.549	1.5	0.05	0.133	0.365	0.05	0.3	0.8	1.09
00305	BOD, 3 DAY, 20 DEG C MG/L	04/21/75-11/04/81	12	1.2	1.308	2.5	0.4	0.399	0.632	0.43	0.925	1.925	2.35
00310p	BOD, 5 DAY, 20 DEG C MG/L	04/23/64-11/04/81	114	1.6	1.921	19.	0.05	3.44	1.855	0.9	1.2	2.325	2.9
00315	BOD, 7 DAY, 20 DEG C MG/L	04/23/69-11/04/81	71	1.9	2.021	5.1	0.2	0.904	0.951	1.	1.4	2.4	3.18
00335p	COD, .025N K2CR2O7 MG/L	03/29/65-10/08/81	99	6.	8.034	48.6	0.	56.268	7.501	1.	3.	11.6	18.
00340	COD, .25N K2CR2O7 MG/L	06/28/78-10/09/80	19	8.	9.527	34.	0.005	84.702	9.203	2.	2.	12.	30.
00400p	PH (STANDARD UNITS)	04/23/64-10/09/80	133	7.8	7.837	8.8	7.1	0.148	0.385	7.4	7.6	8.	8.46
00400p	CONVERTED PH (STANDARD UNITS)	04/23/64-10/09/80	133	7.8	7.695	8.8	7.1	0.168	0.41	7.4	7.6	8.	8.46
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/64-10/09/80	133	0.016	0.02	0.079	0.002	0.	0.016	0.003	0.01	0.025	0.04
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/28/78-11/04/81	27	76.	75.704	106.	43.	232.063	15.234	59.6	63.	88.	96.4
00420	ALKALINITY, HYDROXIDE (MG/L AS CACO3)	04/23/69-09/29/70	19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	10/24/66-05/26/77	64	77.	76.438	144.	30.	358.123	18.924	51.	66.	87.75	96.5
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	04/23/69-09/29/70	19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00436	ACIDITY, MINERAL (METHYL ORANGE) (MG/L AS CACO3)	07/27/78-07/27/78	1	101.	101.	101.	101.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	03/29/65-10/16/73	77	134.	147.831	637.	51.	5050.984	71.07	95.6	109.	170.5	215.2
00510	RESIDUE, TOTAL FIXED (MG/L)	09/21/65-09/03/74	76	94.	96.421	510.	27.	3106.007	55.732	52.7	73.5	112.5	130.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/21/65-11/04/81	116	8.	11.478	74.	0.5	130.932	11.443	2.	4.	16.	24.3
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/26/75-11/04/81	29	2.	2.862	8.	0.5	4.337	2.083	0.5	1.	4.	6.
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	10/24/66-11/04/81	86	3.	6.093	42.	0.	63.191	7.949	0.5	1.	8.	16.
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/21/65-09/09/76	84	0.17	0.217	1.14	0.	0.037	0.193	0.	0.103	0.303	0.44
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/29/65-11/04/81	121	0.066	0.174	2.33	0.	0.083	0.288	0.01	0.02	0.232	0.486
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/21/65-11/04/81	110	0.005	0.03	2.5	0.	0.057	0.238	0.001	0.003	0.008	0.014
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/29/65-09/09/76	90	0.395	0.418	1.07	0.	0.056	0.237	0.134	0.25	0.583	0.72
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/26/75-10/08/81	24	0.275	0.284	0.56	0.11	0.015	0.12	0.13	0.183	0.385	0.465
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/26/77-11/04/81	29	0.4	0.449	0.87	0.1	0.027	0.164	0.285	0.315	0.52	0.7
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/16/73-09/09/76	14	0.17	0.199	0.59	0.04	0.02	0.142	0.05	0.113	0.265	0.45
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/29/65-09/14/71	76	0.07	0.112	0.56	0.	0.011	0.107	0.02	0.05	0.14	0.293
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/29/75-11/04/81	40	0.005	0.007	0.055	0.001	0.	0.009	0.001	0.002	0.006	0.02
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	03/29/65-10/09/80	82	88.	86.183	118.	36.	353.608	18.804	60.6	76.	102.	109.7
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/29/65-10/16/73	77	25.	25.171	37.	13.	25.821	5.081	18.	22.	28.95	32.

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Parameter Inventory for Station: SARA0001

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00916	CALCIUM, TOTAL (MG/L AS CA)	11/07/85-11/07/85	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/21/65-10/16/73	75	5.6	5.964	19.1	1.7	6.45	2.54	3.42	4.2	7.	8.28
00927	MAGNESIUM, TOTAL (MG/L AS MG)	11/07/85-11/07/85	1	4.9	4.9	4.9	4.9	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/29/65-10/16/73	76	3.2	3.589	9.8	1.	2.918	1.708	2.	2.525	4.075	6.06
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/29/65-10/16/73	77	0.8	0.81	1.7	0.2	0.091	0.302	0.4	0.6	1.	1.2
00940	CHLORIDE,TOTAL IN WATER MG/L	04/22/81-11/04/81	8	6.	6.5	12.	5.	5.143	2.268	**	**	**	**
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	03/29/65-10/09/80	113	5.	5.3	18.	0.5	4.055	2.014	3.	4.	6.	7.
00945	SULFATE, TOTAL (MG/L AS SO4)	09/21/65-10/16/73	75	12.	13.2	32.	5.	18.432	4.293	9.	11.	15.	17.4
00951	FLUORIDE, TOTAL (MG/L AS F)	04/23/69-10/16/73	30	0.01	0.035	0.3	0.	0.004	0.065	0.	0.	0.05	0.079
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	07/16/81-11/07/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	03/29/65-10/16/73	76	70.	83.684	370.	0.	4036.912	63.537	20.	32.5	110.	173.
01055	MANGANESE, TOTAL (UG/L AS MN)	03/29/65-10/16/73	67	10.	17.164	70.	0.	272.139	16.497	0.	0.	30.	40.
01067	NICKEL, TOTAL (UG/L AS NI)	06/19/80-06/19/80	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	07/16/81-11/07/85	10	50.	50.4	90.	20.	517.156	22.741	21.	30.	65.	89.
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	07/16/81-11/07/85	2	5.5	5.5	6.	5.	0.5	0.707	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	07/16/81-11/07/85	1	20.	20.	20.	20.	0.	0.	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/23/64-11/04/81	142	1500.	3844.155	170000.	0.	219382496.799	14811.566	265.	615.	3100.	4970.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/23/64-11/04/81	142	3.176	3.116	5.23	0.	0.376	0.613	2.422	2.789	3.491	3.696
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1305.032								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	06/26/67-04/23/69	10	2300.	2280.	4000.	400.	1672888.889	1293.402	450.	975.	3725.	3980.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	06/26/67-04/23/69	10	3.358	3.268	3.602	2.602	0.107	0.327	2.637	2.989	3.571	3.6
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1855.31								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	06/22/71-11/04/81	67	240.	422.963	4300.	0.	475125.033	689.293	38.	100.	510.	836.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	06/22/71-11/04/81	67	2.38	2.256	3.633	-0.301	0.491	0.701	1.577	2.	2.708	2.922
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			180.391								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/22/71-09/03/74	23	80.	207.652	1400.	4.	95124.601	308.423	14.	30.	300.	572.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/22/71-09/03/74	23	1.903	1.946	3.146	0.602	0.383	0.619	1.12	1.477	2.477	2.757
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			88.315								
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	06/22/71-09/03/74	23	6500.	25632.174	260000.	200.	3098438354.15	55663.618	316.	1600.	26000.	77800.
31751	LOG PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	06/22/71-09/03/74	23	3.813	3.781	5.415	2.301	0.637	0.798	2.499	3.204	4.415	4.881
31751	GM PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	GEOMETRIC MEAN =			6039.931								
32106	CHLOROFORM,WHOLE WATER,UG/L	10/25/83-11/07/85	1	9.	9.	9.	9.	0.	0.	**	**	**	**
34391	HEXACHLOROBUTADIENE TOTWUG/L	11/22/83-11/22/83	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34423	METHYLENE CHLORIDE TOTWUG/L	07/07/83-11/07/85	4	3.5	27.25	100.	2.	2352.917	48.507	**	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	10/25/83-11/07/85	1	1.	1.	1.	1.	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	11/22/83-11/22/83	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	11/22/83-11/22/83	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/26/77-11/04/81	31	0.01	0.015	0.07	0.003	0.	0.014	0.005	0.007	0.02	0.038
71900	MERCURY, TOTAL (UG/L AS HG)	07/16/81-11/07/85	4 ##	0.2	0.475	1.3	0.2	0.303	0.55	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	04/22/81-11/04/81	8	1.	1.225	2.5	0.6	0.368	0.607	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: SARA0001

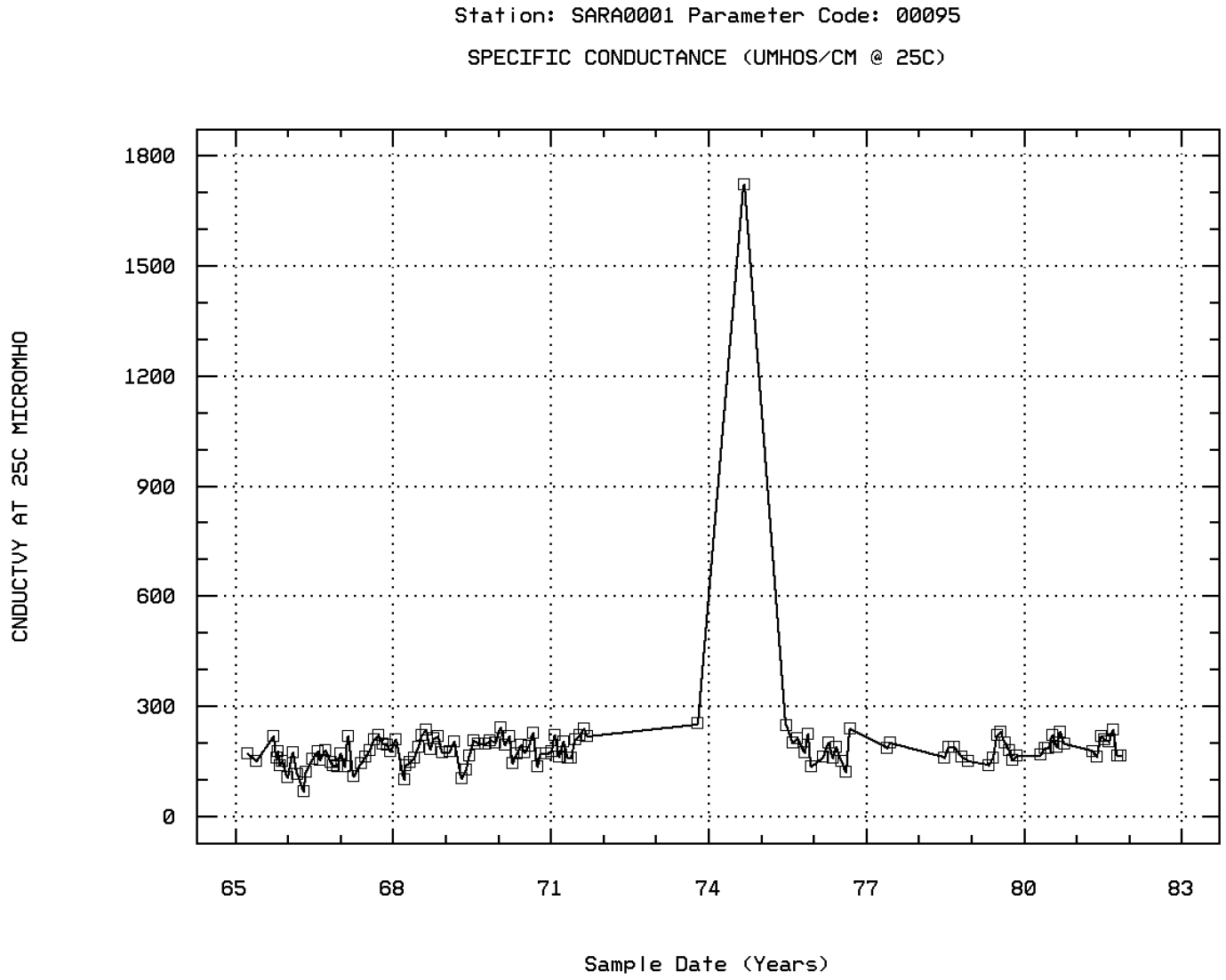
Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/20-2/29 Obs	9/20-2/29 Exceed	9/20-2/29 Prop.	3/01-4/30 Obs	3/01-4/30 Exceed	3/01-4/30 Prop.	5/01-6/30 Obs	5/01-6/30 Exceed	5/01-6/30 Prop.	7/01-9/19 Obs	7/01-9/19 Exceed	7/01-9/19 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	117	0	0.00	45	0	0.00	21	0	0.00	22	0	0.00	29	0	0.00
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	22	0	0.00	4	0	0.00	1	0	0.00	8	0	0.00	9	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	137	0	0.00	53	0	0.00	22	0	0.00	27	0	0.00	35	0	0.00
00400	PH	Other-Hi Lim.	9.	133	0	0.00	51	0	0.00	22	0	0.00	26	0	0.00	34	0	0.00
		Other-Lo Lim.	6.5	133	0	0.00	51	0	0.00	22	0	0.00	26	0	0.00	34	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	109 &	0	0.00	41	0	0.00	17	0	0.00	21	0	0.00	30	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	90	0	0.00	36	0	0.00	16	0	0.00	16	0	0.00	22	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	29	0	0.00	7	0	0.00	2	0	0.00	9	0	0.00	11	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	8	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00	3	0	0.00
		Drinking Water	250.	8	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00	3	0	0.00
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	113	0	0.00	42	0	0.00	17	0	0.00	24	0	0.00	30	0	0.00
		Drinking Water	250.	113	0	0.00	42	0	0.00	17	0	0.00	24	0	0.00	30	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	75	0	0.00	33	0	0.00	13	0	0.00	12	0	0.00	17	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

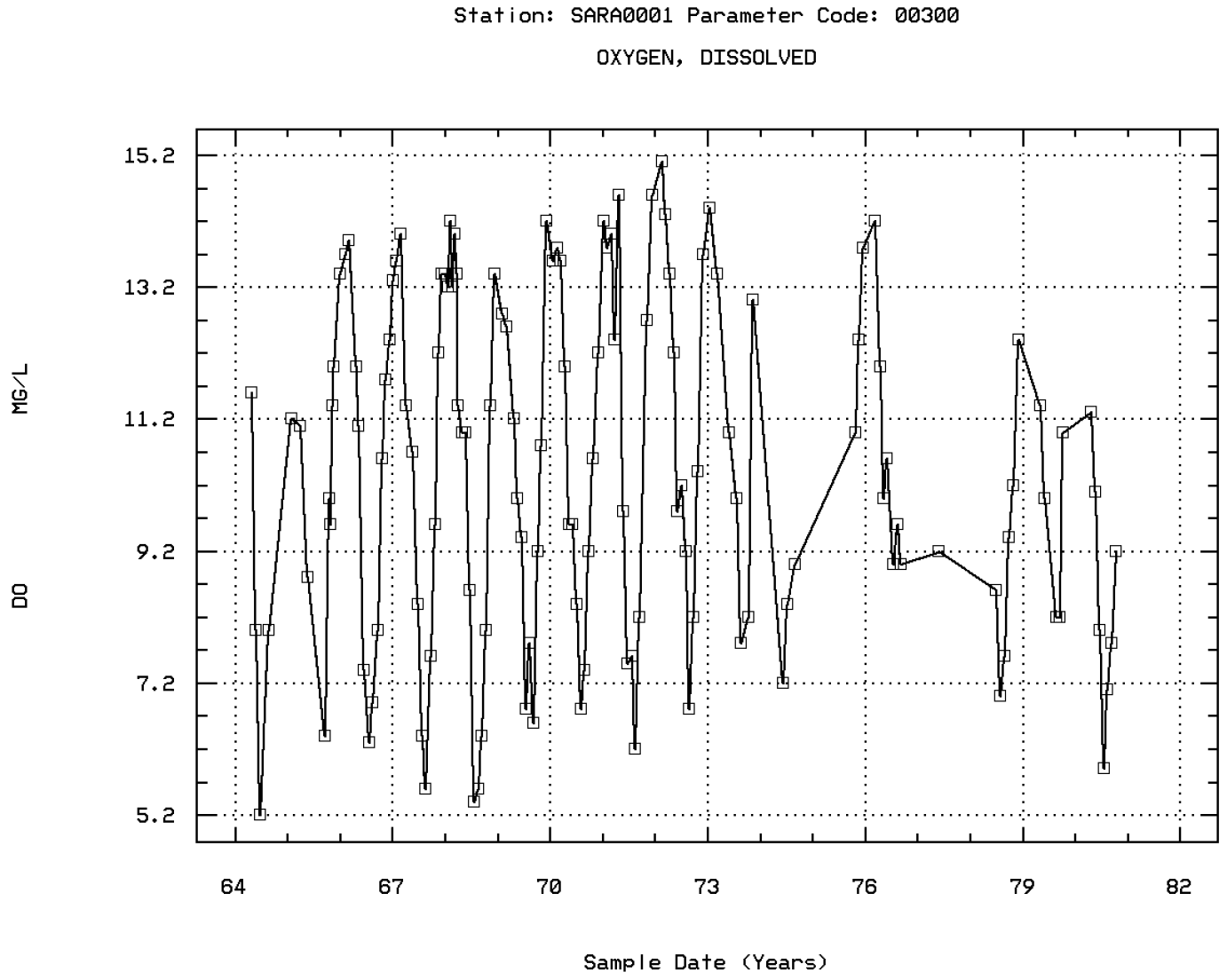
EPA Water Quality Criteria Analysis for Station: SARA0001

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/20-2/29 Obs	9/20-2/29 Exceed	9/20-2/29 Prop.	3/01-4/30 Obs	3/01-4/30 Exceed	3/01-4/30 Prop.	5/01-6/30 Obs	5/01-6/30 Exceed	5/01-6/30 Prop.	7/01-9/19 Obs	7/01-9/19 Exceed	7/01-9/19 Prop.
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	30	0	0.00	10	0	0.00	6	0	0.00	5	0	0.00	9	0	0.00
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Fresh Acute	120.	10	0	0.00	5	0	0.00				2	0	0.00	3	0	0.00
		Drinking Water	5000.	10	0	0.00	5	0	0.00				2	0	0.00	3	0	0.00
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Fresh Acute	3.9	2	2	1.00										2	2	1.00
		Drinking Water	5.	2	2	1.00										2	2	1.00
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	15.	1	1	1.00										1	1	1.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	142	88	0.62	52	35	0.67	21	4	0.19	32	17	0.53	37	32	0.86
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	10	8	0.80	3	2	0.67	2	1	0.50	1	1	1.00	4	4	1.00
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	67	39	0.58	17	11	0.65	7	3	0.43	19	10	0.53	24	15	0.63
32106	CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
34391	HEXACHLOROBUTADIENE, TOTAL	Fresh Acute	90.	1	0	0.00	1	0	0.00									
34423	METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	4	1	0.25	2	1	0.50							2	0	0.00
34475	TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	0 &	0	0.00												
		Drinking Water	0.2	0 &	0	0.00												
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	0 &	0	0.00												
		Drinking Water	2.	0 &	0	0.00												
71900	MERCURY, TOTAL	Fresh Acute	2.4	4	0	0.00	2	0	0.00							2	0	0.00
		Drinking Water	2.	4	0	0.00	2	0	0.00							2	0	0.00
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	8	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00	3	0	0.00

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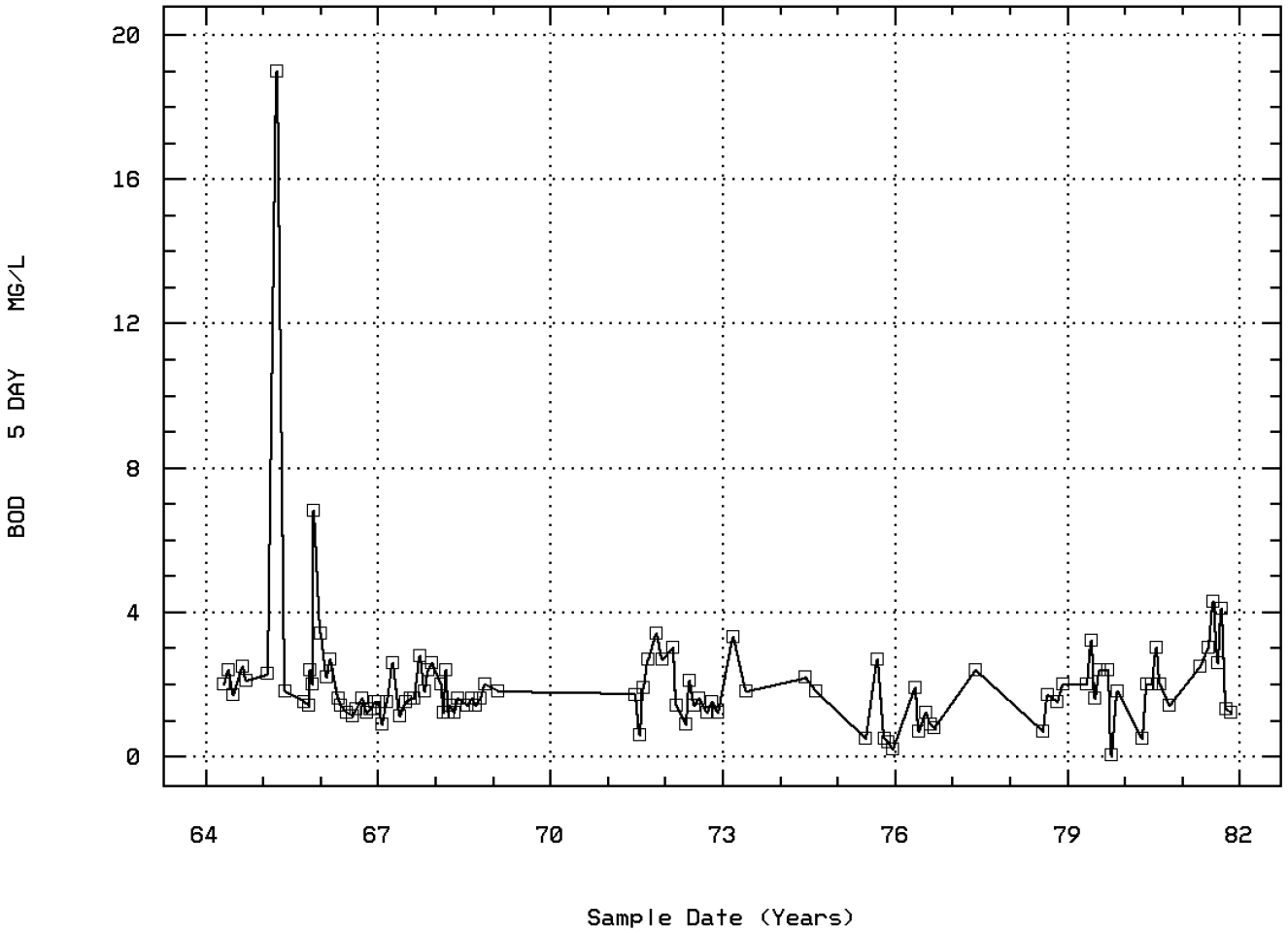
BATTEN KILL IN MIDDLE FALLS @ NIMO FORE



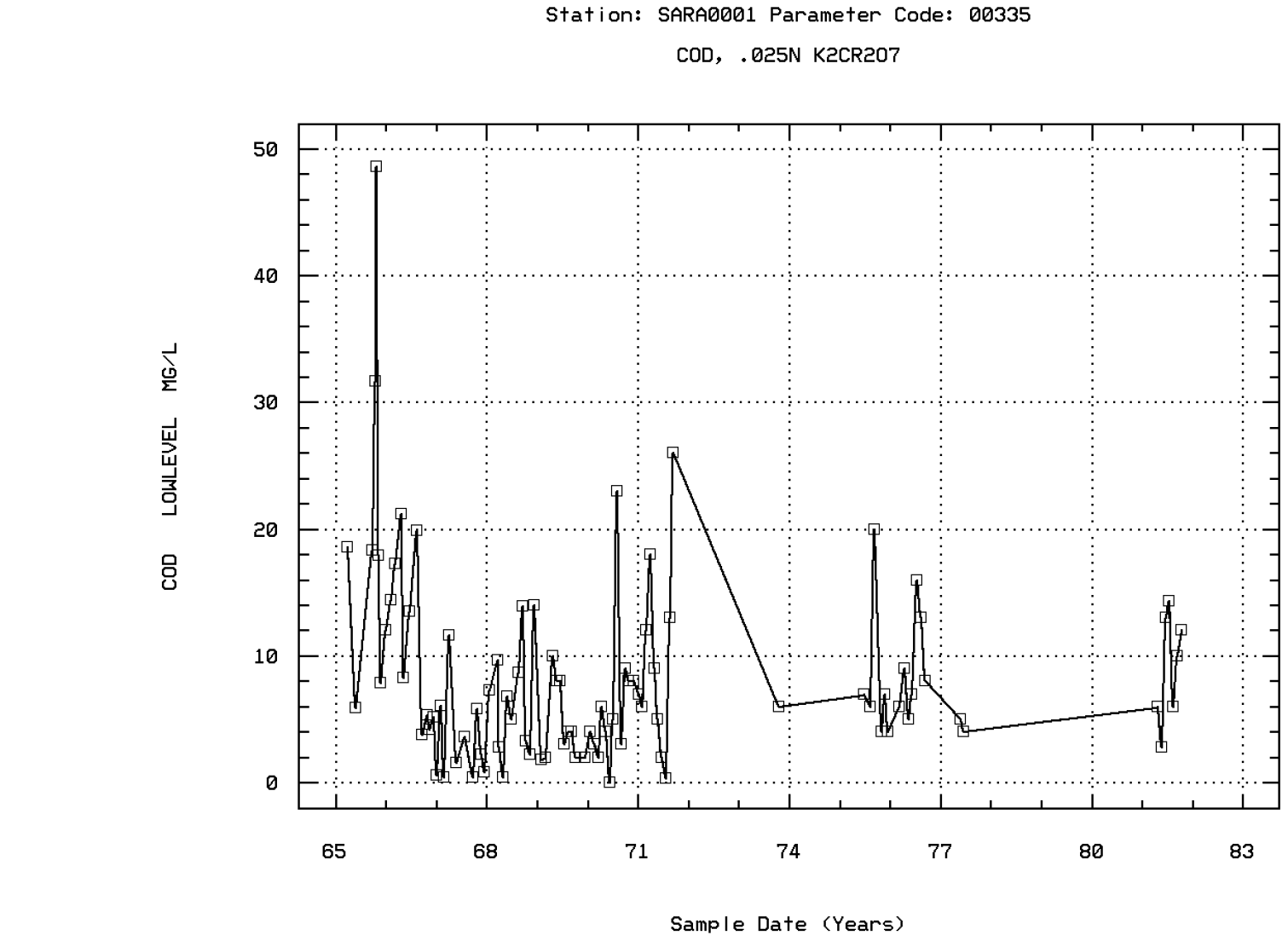
BATTEN KILL IN MIDDLE FALLS @ NIMO FORE

Station: SARA0001 Parameter Code: 00310

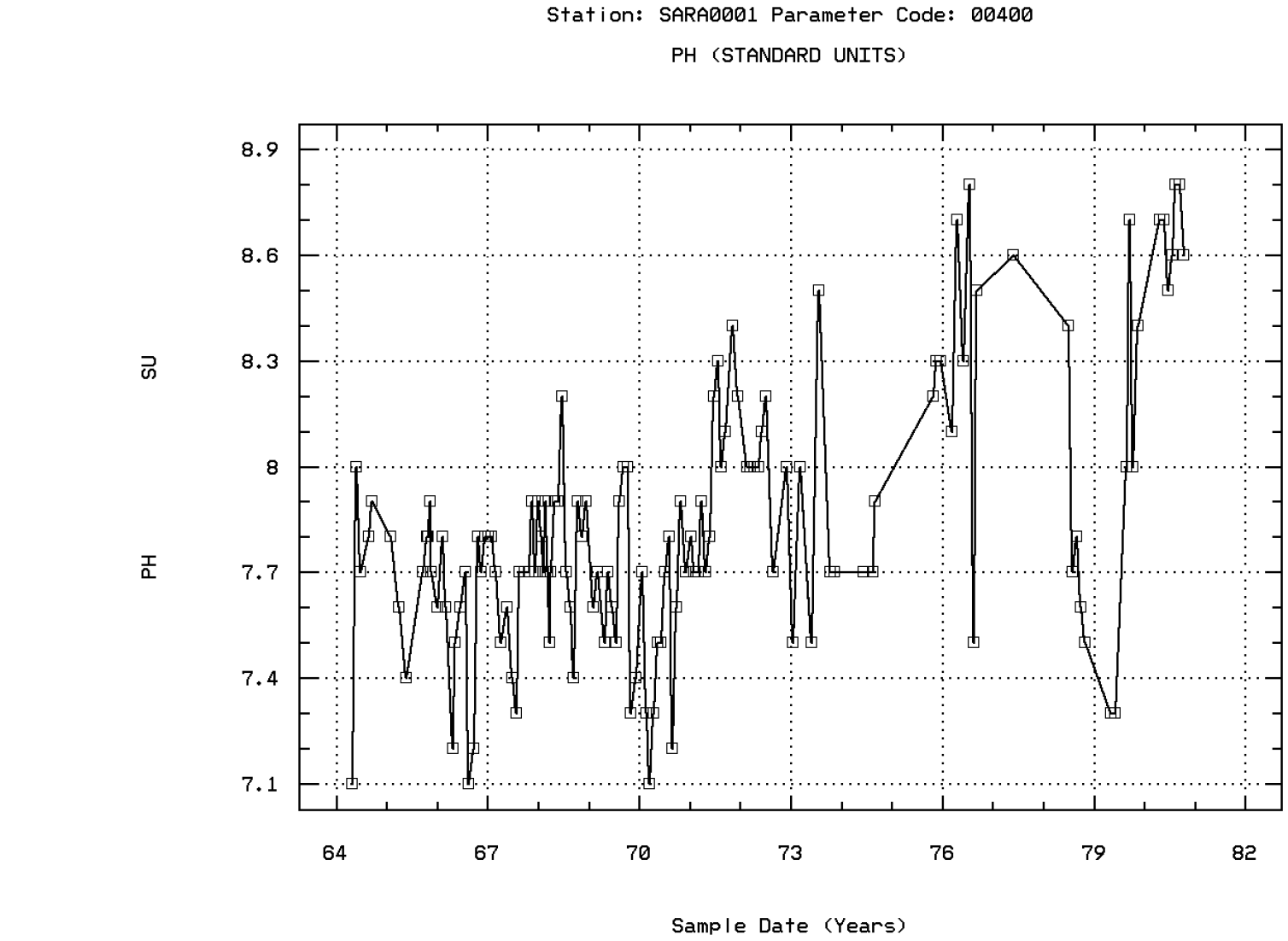
BOD, 5 DAY, 20 DEG C



BATTEN KILL IN MIDDLE FALLS @ NIMO FORE



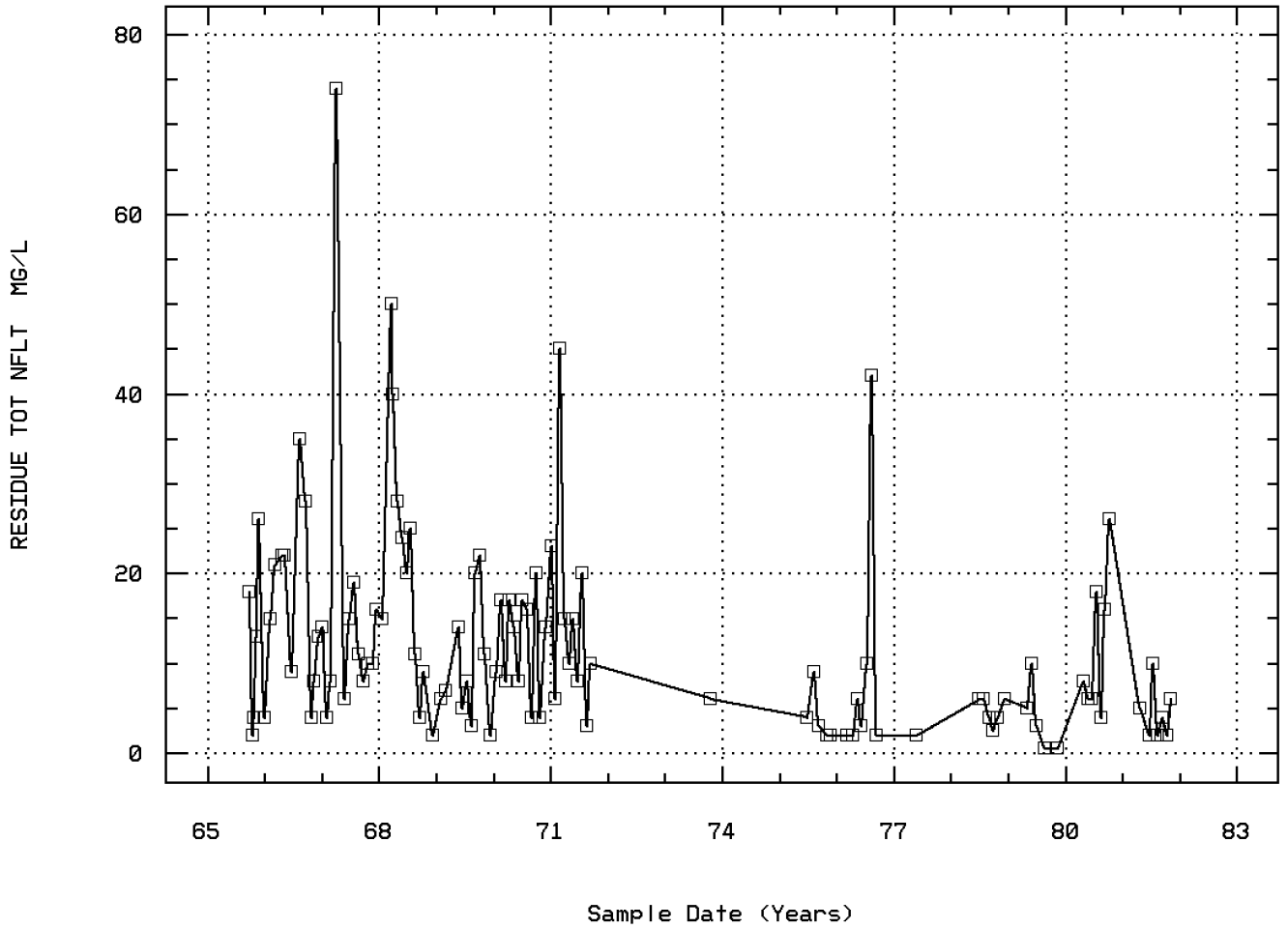
BATTEN KILL IN MIDDLE FALLS @ NIMO FORE



BATTEN KILL IN MIDDLE FALLS @ NIMO FORE

Station: SARA0001 Parameter Code: 00530

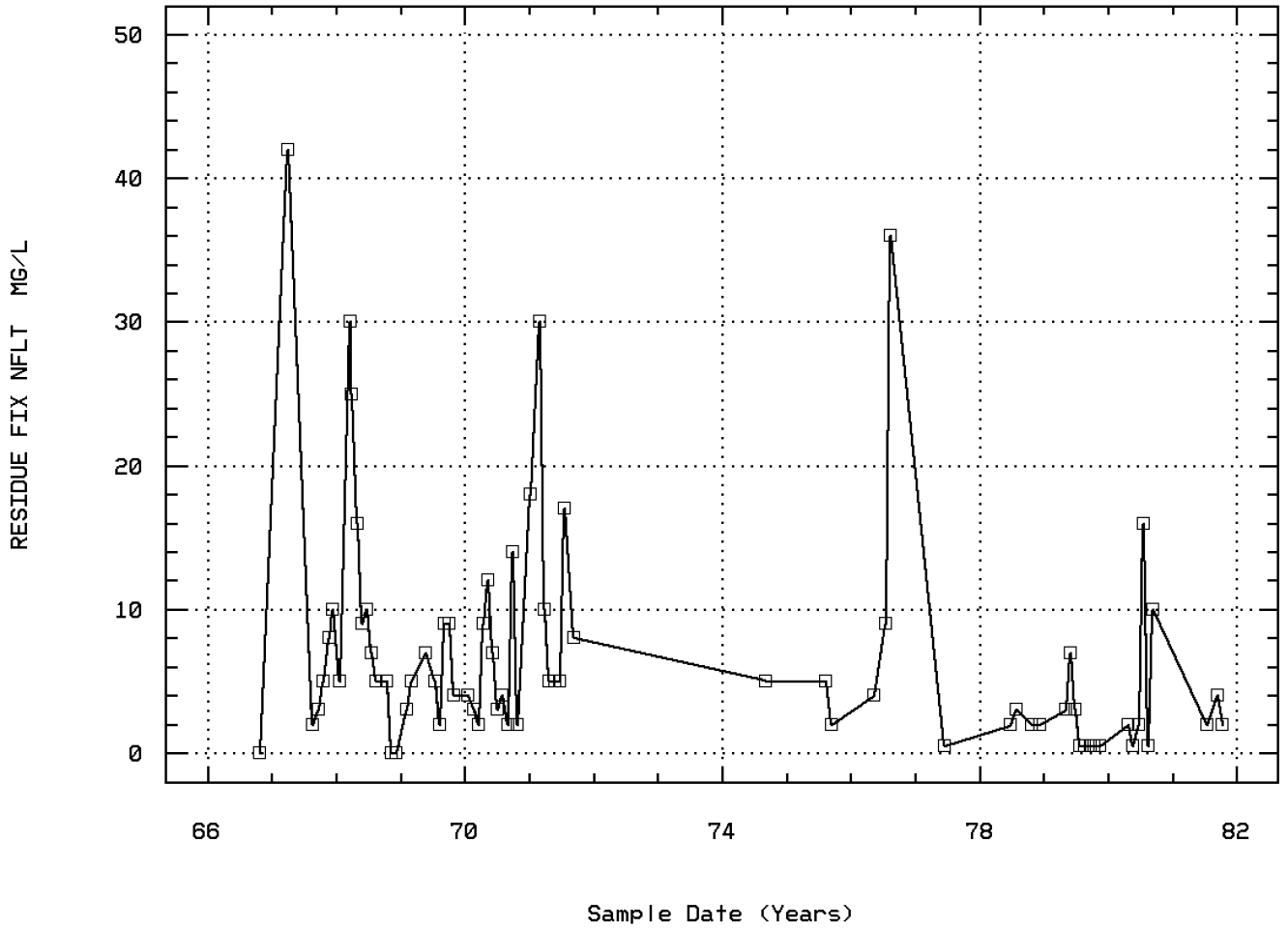
RESIDUE, TOTAL NONFILTRABLE (MG/L)



BATTEN KILL IN MIDDLE FALLS @ NIMO FORE

Station: SARA0001 Parameter Code: 00540

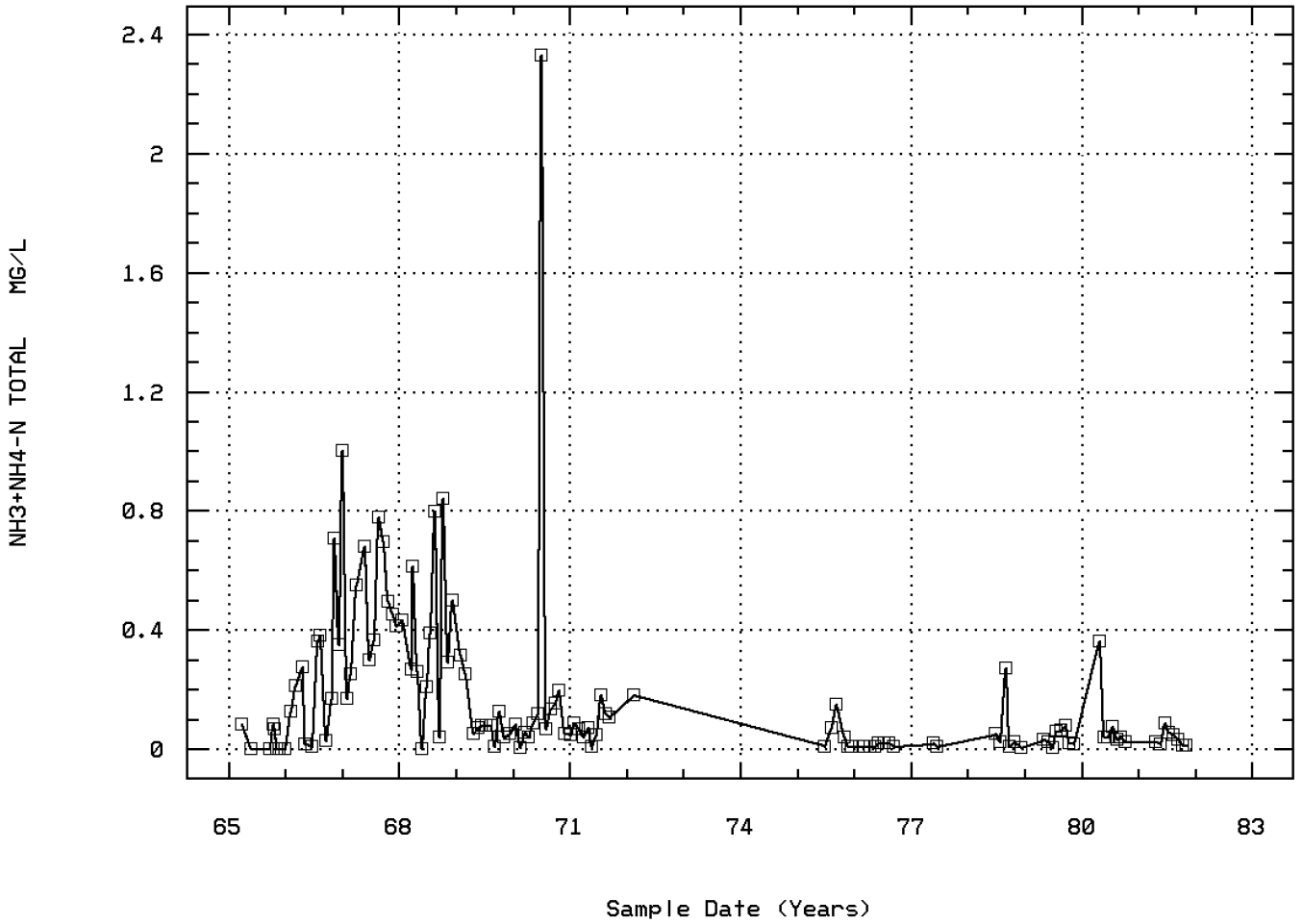
RESIDUE, FIXED NONFILTRABLE (MG/L)



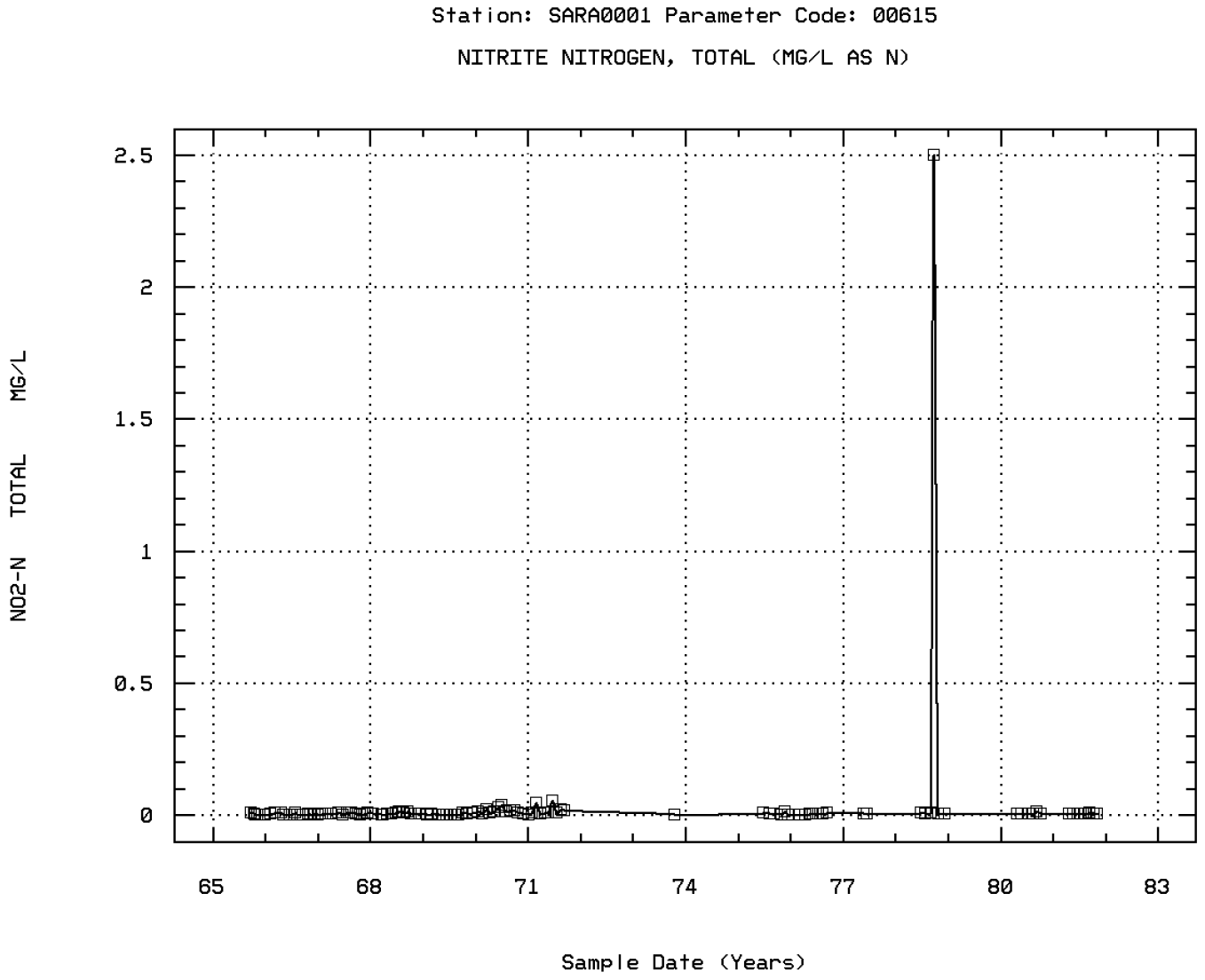
BATTEN KILL IN MIDDLE FALLS @ NIMO FORE

Station: SARA0001 Parameter Code: 00610

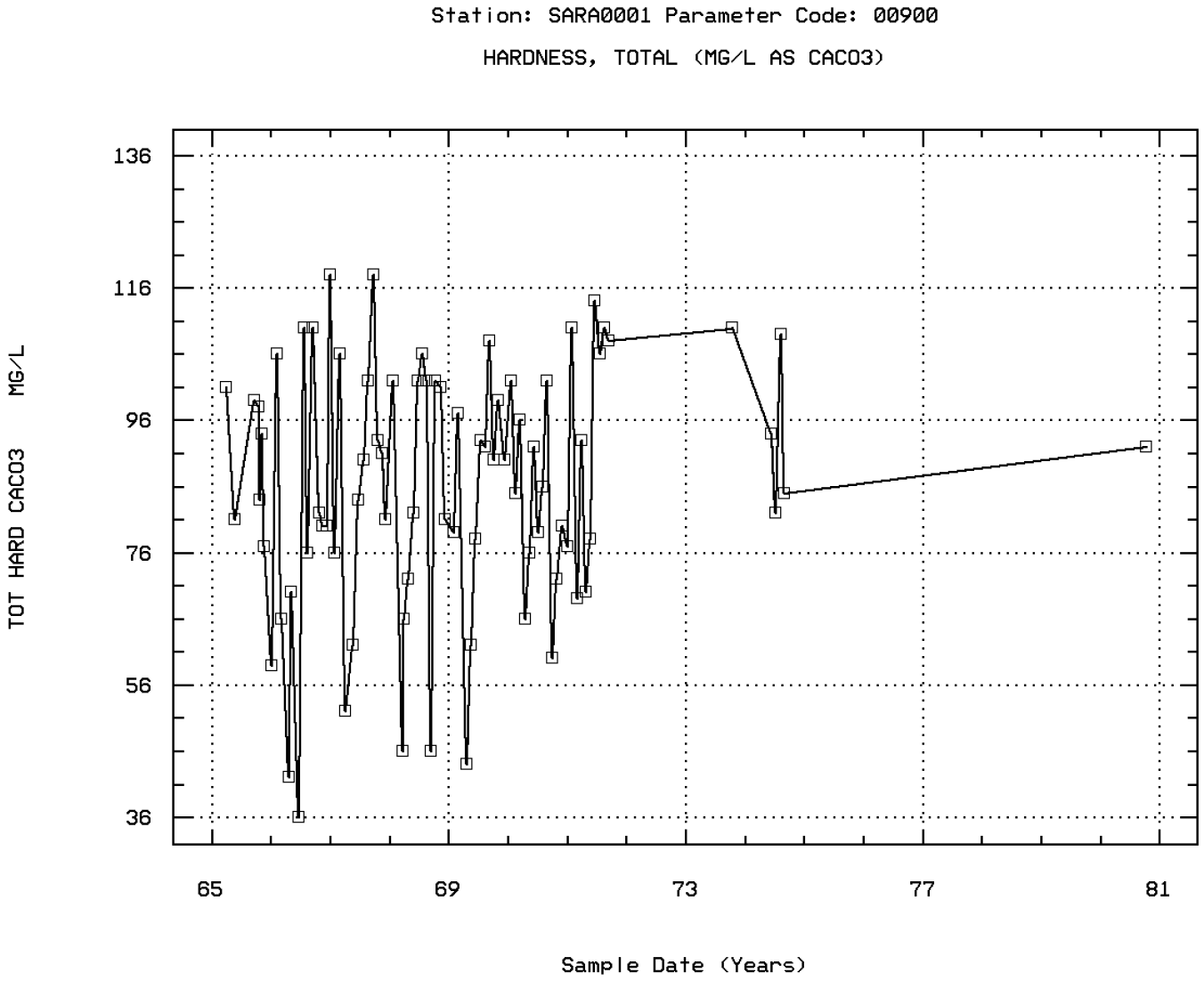
NITROGEN, AMMONIA, TOTAL (MG/L AS N)



BATTEN KILL IN MIDDLE FALLS @ NIMO FORE



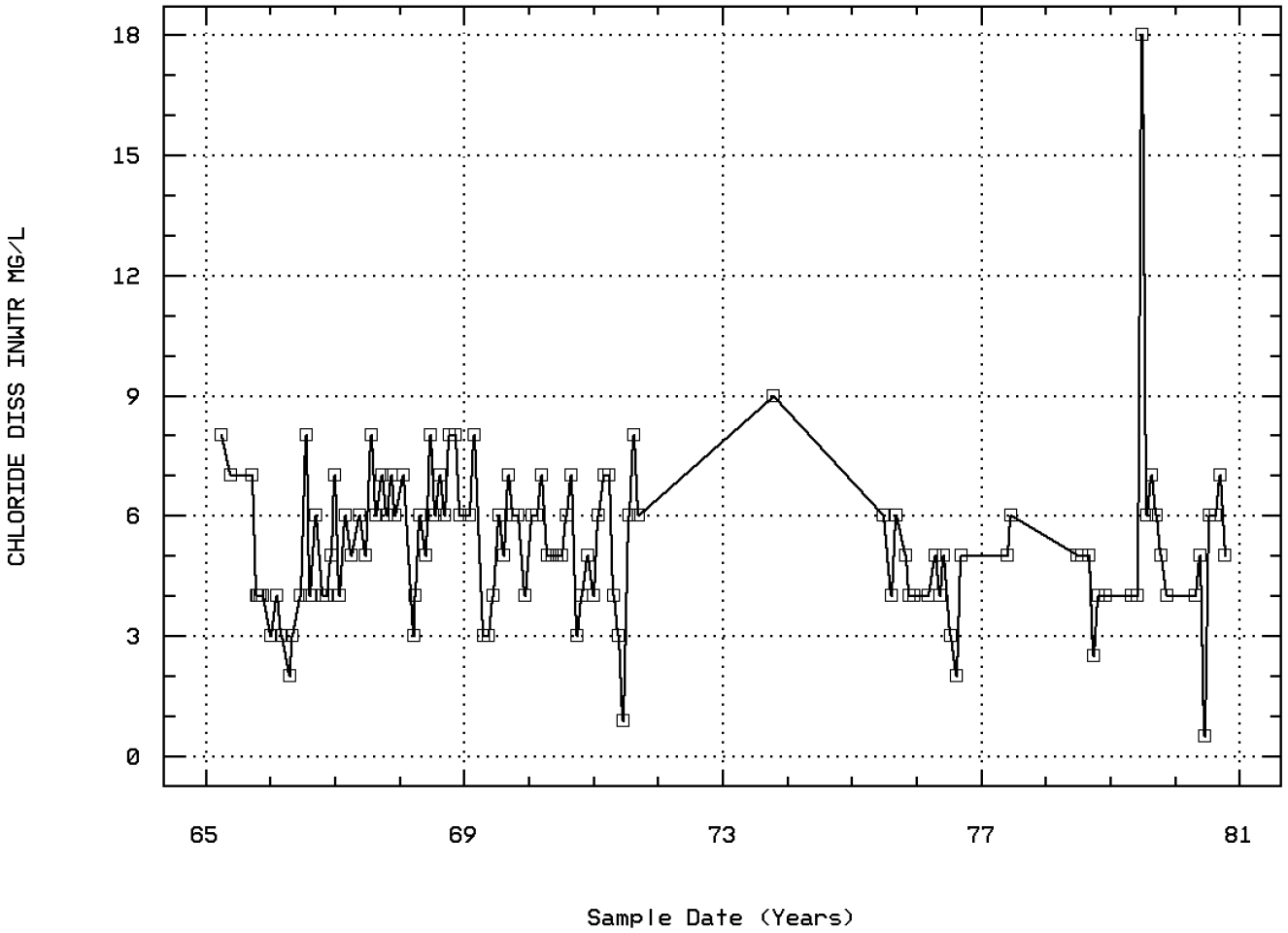
BATTEN KILL IN MIDDLE FALLS @ NIMO FORE



BATTEN KILL IN MIDDLE FALLS @ NIMO FORE

Station: SARA0001 Parameter Code: 00941

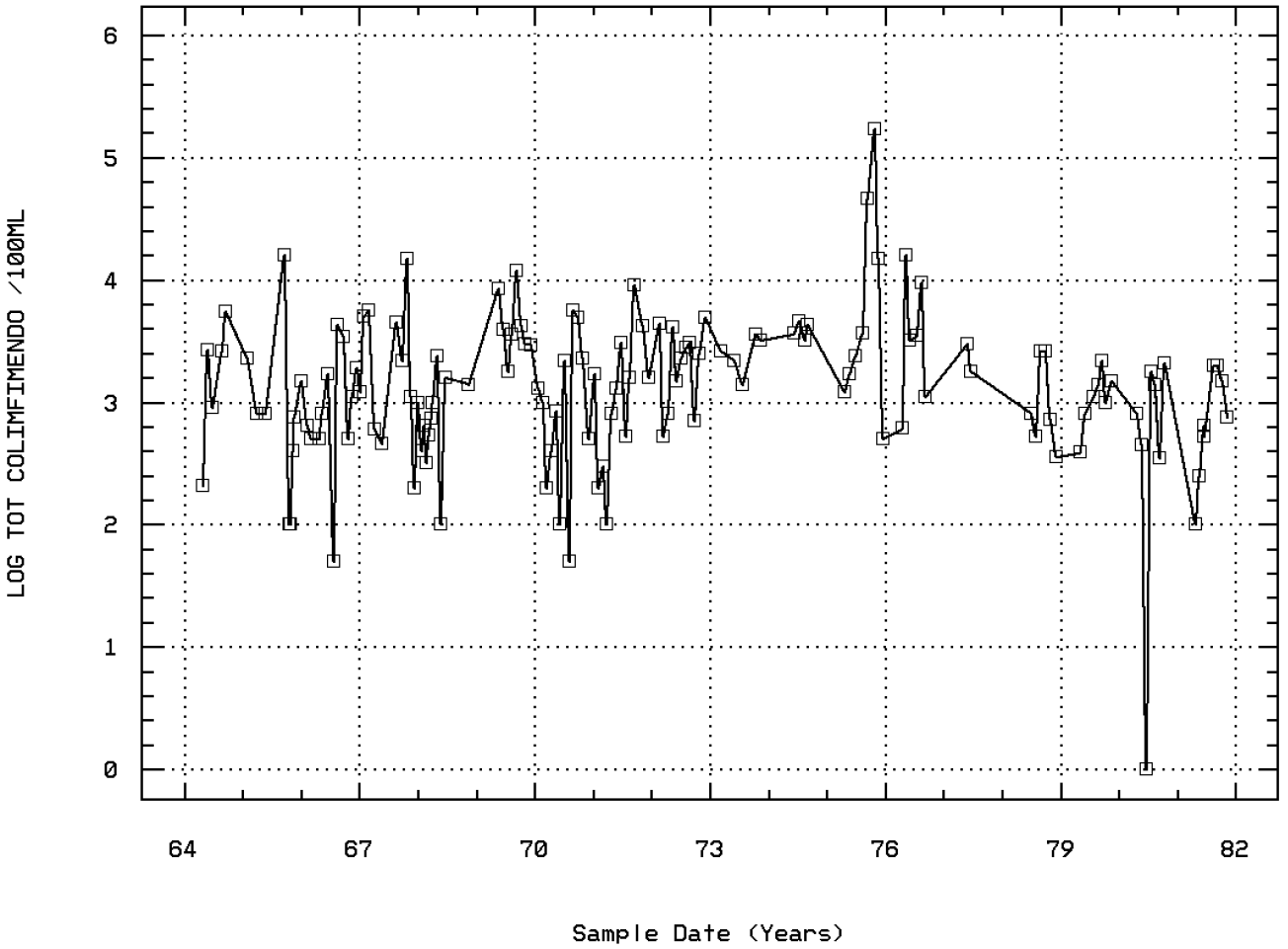
CHLORIDE, DISSOLVED IN WATER



BATTEN KILL IN MIDDLE FALLS @ NIMO FORE

Station: SARA0001 Parameter Code: 31501

LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.



BATTEN KILL IN MIDDLE FALLS @ NIMO FORE

Annual Analysis for 1964 - Station SARA0001

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/23/64-10/09/80	5	19.	18.4	24.	9.	33.3	5.771	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/23/64-09/09/76	5	6.	10.4	19.	5.	48.8	6.986	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/23/64-10/09/80	4	8.	8.2	11.6	5.2	6.88	2.623	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	04/23/64-11/04/81	5	2.1	2.14	2.5	1.7	0.103	0.321	**	**	**	**
00400	PH (STANDARD UNITS)	04/23/64-10/09/80	5	7.8	7.7	8.	7.1	0.125	0.354	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/23/64-10/09/80	5	7.8	7.56	8.	7.1	0.15	0.387	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/64-10/09/80	5	0.016	0.028	0.079	0.01	0.001	0.029	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/23/64-11/04/81	5	2600.	2382.	5500.	210.	4196120.	2048.443	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/23/64-11/04/81	5	3.415	3.173	3.74	2.322	0.305	0.552	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1488.101								

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

Annual Analysis for 1965 - Station SARA0001

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/23/64-10/09/80	8	8.	8.375	20.	2.	33.411	5.78	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/23/64-09/09/76	8	6.5	7.5	15.	5.	10.571	3.251	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/29/65-11/04/81	7	160.	166.571	218.	140.	680.952	26.095	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/23/64-10/09/80	8	10.55	10.063	12.	6.4	3.306	1.818	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	04/23/64-11/04/81	8	2.15	4.65	19.	1.4	36.68	6.056	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	03/29/65-10/08/81	7	18.3	21.271	48.6	5.9	216.336	14.708	**	**	**	**
00400	PH (STANDARD UNITS)	04/23/64-10/09/80	8	7.75	7.712	7.9	7.4	0.024	0.155	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/23/64-10/09/80	8	7.747	7.686	7.9	7.4	0.025	0.158	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/64-10/09/80	8	0.018	0.021	0.04	0.013	0.	0.009	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	03/29/65-10/16/73	7	132.	212.571	637.	100.	37060.952	192.512	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	09/21/65-09/03/74	5	133.	184.8	510.	29.	34931.2	186.899	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/21/65-11/04/81	5	13.	12.6	26.	2.	98.8	9.94	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/21/65-09/09/76	5	0.09	0.284	0.94	0.01	0.15	0.387	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/29/65-11/04/81	7	0.	0.033	0.083	0.	0.002	0.042	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/21/65-11/04/81	5	0.	0.003	0.008	0.	0.	0.004	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/29/65-09/09/76	7	0.3	0.26	0.5	0.	0.04	0.2	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/29/65-09/14/71	7	0.02	0.1	0.56	0.001	0.042	0.204	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/29/65-10/09/80	7	94.	90.571	101.	77.	94.286	9.71	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/29/65-10/16/73	7	22.4	23.671	28.2	21.2	6.612	2.571	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/21/65-10/16/73	5	6.9	8.74	19.1	4.5	36.083	6.007	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/29/65-10/16/73	6	6.	5.333	9.	1.	10.667	3.266	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/29/65-10/16/73	7	0.9	0.871	1.	0.7	0.012	0.111	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/29/65-10/09/80	7	4.	5.429	8.	4.	3.286	1.813	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/21/65-10/16/73	5	13.	12.2	14.	10.	4.2	2.049	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	03/29/65-10/16/73	7	110.	140.	370.	90.	10433.333	102.144	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	03/29/65-10/16/73	7	20.	18.571	40.	0.	280.952	16.762	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/23/64-11/04/81	8	775.	2656.25	16000.	100.	29552455.357	5436.217	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/23/64-11/04/81	8	2.889	2.856	4.204	2.	0.515	0.718	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			718.032								

** - 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

Annual Analysis for 1966 - Station SARA0001

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/23/64-10/09/80	12	9.	10.833	23.	0.	55.97	7.481	0.6	4.	17.5	22.1
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/23/64-09/09/76	12	5.5	5.083	8.	2.	3.72	1.929	2.	4.	6.75	7.7
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/29/65-11/04/81	12	143.5	139.583	180.	69.	1102.265	33.2	79.8	115.5	170.5	179.4
00300	OXYGEN, DISSOLVED MG/L	04/23/64-10/09/80	12	11.45	10.625	13.9	6.3	7.673	2.77	6.48	7.55	13.15	13.84

** - 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 1966 - Station SARA0001

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	04/23/64-11/04/81	12	1.45	1.708	3.4	1.1	0.497	0.705	1.13	1.225	2.05	3.19
00335	COD, .025N K2CR2O7 MG/L	03/29/65-10/08/81	12	10.15	10.508	21.2	1.	46.395	6.811	1.84	4.45	16.575	20.81
00400	PH (STANDARD UNITS)	04/23/64-10/09/80	12	7.6	7.55	7.8	7.1	0.063	0.25	7.13	7.275	7.775	7.8
00400	CONVERTED PH (STANDARD UNITS)	04/23/64-10/09/80	12	7.6	7.477	7.8	7.1	0.069	0.262	7.13	7.275	7.775	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/64-10/09/80	12	0.025	0.033	0.079	0.016	0.	0.022	0.016	0.017	0.055	0.075
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	10/24/66-05/26/77	1	67.	67.	67.	67.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	03/29/65-10/16/73	12	104.5	113.667	180.	51.	1724.061	41.522	58.8	82.	149.25	179.4
00510	RESIDUE, TOTAL FIXED (MG/L)	09/21/65-09/03/74	12	70.	69.417	137.	27.	1029.356	32.084	27.6	41.75	89.	125.9
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/21/65-11/04/81	12	14.	15.167	35.	1.	111.788	10.573	1.9	5.	22.	32.9
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10/24/66-11/04/81	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/21/65-09/09/76	12	0.195	0.187	0.54	0.	0.03	0.174	0.	0.	0.303	0.492
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/29/65-11/04/81	12	0.191	0.22	0.708	0.	0.044	0.21	0.003	0.019	0.357	0.61
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/21/65-11/04/81	12	0.002	0.003	0.008	0.	0.	0.004	0.	0.	0.008	0.008
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/29/65-09/09/76	12	0.265	0.348	0.74	0.08	0.043	0.208	0.107	0.175	0.523	0.692
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/29/65-09/14/71	12	0.065	0.101	0.23	0.	0.005	0.071	0.012	0.053	0.163	0.218
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/29/65-10/09/80	12	78.	76.417	110.	36.	587.174	24.232	37.8	60.75	100.	110.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/29/65-10/16/73	12	24.	23.483	32.8	13.2	32.505	5.701	14.43	18.125	28.275	31.87
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/21/65-10/16/73	12	4.6	5.683	12.1	3.5	6.325	2.515	3.59	4.05	7.225	10.93
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/29/65-10/16/73	12	2.85	2.808	6.	1.	2.15	1.466	1.	2.	3.	5.7
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/29/65-10/16/73	12	0.6	0.692	1.2	0.2	0.146	0.382	0.23	0.4	1.175	1.2
00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/29/65-10/09/80	12	4.	4.167	8.	2.	2.515	1.586	2.3	3.	4.75	7.4
00945	SULFATE, TOTAL (MG/L AS SO4)	09/21/65-10/16/73	12	18.	19.333	32.	12.	34.97	5.914	12.9	15.	22.	30.8
01045	IRON, TOTAL (UG/L AS FE)	03/29/65-10/16/73	12	100.	119.167	230.	50.	2735.606	52.303	59.	80.	162.5	215.
01055	MANGANESE, TOTAL (UG/L AS MN)	03/29/65-10/16/73	12	30.	32.5	70.	0.	547.727	23.404	3.	12.5	55.	70.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/23/64-11/04/81	12	950.	1407.5	4300.	50.	1639947.727	1280.604	185.	500.	1850.	4030.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/23/64-11/04/81	12	2.972	2.95	3.633	1.699	0.257	0.507	1.999	2.699	3.267	3.603
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			890.701								

** - Less than 9 observations ## - Computed with 50% or 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 SARA0001

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/23/64-10/09/80	12	9.	9.333	22.	1.	64.606	8.038	1.	1.25	17.5	21.7
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/23/64-09/09/76	12	4.5	7.25	28.	2.	66.75	8.17	2.	2.25	6.75	25.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/29/65-11/04/81	12	179.	176.833	220.	109.	1173.97	34.263	117.4	149.25	205.75	219.7
00300	OXYGEN, DISSOLVED MG/L	04/23/64-10/09/80	12	11.05	10.517	14.	5.6	8.754	2.959	5.84	7.8	13.375	13.88
00310	BOD, 5 DAY, 20 DEG C MG/L	04/23/64-11/04/81	12	1.6	1.825	2.8	0.9	0.389	0.624	0.96	1.5	2.55	2.74
00335	COD, .025N K2CR2O7 MG/L	03/29/65-10/08/81	12	1.3	2.925	11.6	0.4	11.493	3.39	0.4	0.65	5.25	9.95
00400	PH (STANDARD UNITS)	04/23/64-10/09/80	12	7.7	7.65	7.9	7.3	0.03	0.173	7.33	7.525	7.775	7.87
00400	CONVERTED PH (STANDARD UNITS)	04/23/64-10/09/80	12	7.7	7.616	7.9	7.3	0.031	0.177	7.33	7.525	7.775	7.87
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/64-10/09/80	12	0.02	0.024	0.05	0.013	0.	0.011	0.014	0.017	0.03	0.047
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	10/24/66-05/26/77	6	83.	79.	102.	34.	558.	23.622	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	03/29/65-10/16/73	12	170.5	177.5	284.	110.	1846.818	42.975	120.2	157.	184.5	266.3
00510	RESIDUE, TOTAL FIXED (MG/L)	09/21/65-09/03/74	12	73.	81.167	130.	27.	1027.061	32.048	34.5	56.25	116.	127.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/21/65-11/04/81	12	10.5	16.25	74.	4.	349.659	18.699	4.6	8.	15.75	57.5
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10/24/66-11/04/81	6	6.5	11.667	42.	2.	229.867	15.161	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/21/65-09/09/76	12	0.24	0.288	1.14	0.	0.094	0.306	0.	0.043	0.338	0.936
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/29/65-11/04/81	12	0.473	0.512	1.002	0.17	0.058	0.241	0.194	0.315	0.691	0.935
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/21/65-11/04/81	12	0.004	0.005	0.008	0.001	0.	0.002	0.001	0.002	0.007	0.008
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/29/65-09/09/76	12	0.325	0.379	0.81	0.12	0.039	0.198	0.135	0.23	0.525	0.732
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/29/65-09/14/71	12	0.19	0.201	0.36	0.01	0.011	0.105	0.034	0.14	0.313	0.351
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/29/65-10/09/80	12	90.5	89.417	118.	52.	410.447	20.259	55.	77.25	105.	118.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/29/65-10/16/73	12	27.6	26.633	35.1	16.8	30.99	5.567	17.43	22.6	30.8	34.65
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/21/65-10/16/73	12	5.75	5.375	8.	2.6	3.284	1.812	2.69	3.4	6.95	7.7
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/29/65-10/16/73	12	4.	3.725	5.	2.	0.915	0.956	2.21	3.	4.6	5.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/29/65-10/16/73	12	0.95	0.808	1.	0.4	0.054	0.231	0.43	0.6	1.	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 1967 - Station SARA0001

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/29/65-10/09/80	12	6.	6.083	8.	4.	1.174	1.084	4.3	5.25	7.	7.7
00945	SULFATE, TOTAL (MG/L AS SO4)	09/21/65-10/16/73	12	9.5	11.	18.	5.	22.909	4.786	5.	7.25	16.75	17.7
01045	IRON, TOTAL (UG/L AS FE)	03/29/65-10/16/73	12	110.	114.167	220.	50.	3317.424	57.597	50.	55.	167.5	211.
01055	MANGANESE, TOTAL (UG/L AS MN)	03/29/65-10/16/73	12	10.	16.667	40.	0.	169.697	13.027	0.	10.	30.	37.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/23/64-11/04/81	10	1700.	3586.	15000.	200.	20124182.222	4485.998	226.	565.	5150.	14060.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/23/64-11/04/81	10	3.211	3.248	4.176	2.301	0.335	0.579	2.337	2.749	3.711	4.133
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1770.679								

** - Less than 9 observations ## - Computed with 50% or 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 SARA0001

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/23/64-10/09/80	16	6.	8.375	24.	0.	73.85	8.594	0.	0.25	16.	21.9
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/23/64-09/09/76	16	2.	4.188	28.	1.	43.896	6.625	1.	1.	4.	14.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/29/65-11/04/81	12	186.	182.167	235.	100.	1602.515	40.031	112.	150.5	215.75	231.1
00300	OXYGEN, DISSOLVED MG/L	04/23/64-10/09/80	16	11.4	10.85	14.2	5.4	9.507	3.083	5.54	8.15	13.4	14.06
00310	BOD, 5 DAY, 20 DEG C MG/L	04/23/64-11/04/81	16	1.4	1.438	2.4	1.	0.172	0.415	1.	1.05	1.6	2.12
00335	COD, .025N K2CR2O7 MG/L	03/29/65-10/08/81	12	5.9	6.258	14.	0.4	21.659	4.654	0.58	2.35	9.45	13.97
00400	PH (STANDARD UNITS)	04/23/64-10/09/80	16	7.8	7.781	8.2	7.4	0.036	0.191	7.47	7.7	7.9	7.99
00400	CONVERTED PH (STANDARD UNITS)	04/23/64-10/09/80	16	7.8	7.742	8.2	7.4	0.038	0.195	7.47	7.7	7.9	7.99
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/64-10/09/80	16	0.016	0.018	0.04	0.006	0.	0.008	0.011	0.013	0.02	0.034
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	10/24/66-05/26/77	12	79.	79.	110.	42.	375.455	19.377	46.8	65.5	93.	107.3
00500	RESIDUE, TOTAL (MG/L)	03/29/65-10/16/73	12	188.	187.417	228.	134.	984.992	31.385	140.3	157.25	218.5	226.5
00510	RESIDUE, TOTAL FIXED (MG/L)	09/21/65-09/03/74	12	94.5	95.917	142.	65.	423.356	20.576	66.5	81.25	108.75	132.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/21/65-11/04/81	12	17.5	19.083	50.	1.	232.992	15.264	1.3	5.25	27.25	47.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10/24/66-11/04/81	12	6.	9.417	30.	0.	92.992	9.643	0.	2.	14.5	28.5
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/21/65-09/09/76	12	0.285	0.307	0.6	0.	0.048	0.218	0.	0.143	0.51	0.594
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/29/65-11/04/81	12	0.339	0.387	0.84	0.	0.071	0.266	0.012	0.223	0.586	0.827
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/21/65-11/04/81	12	0.005	0.006	0.012	0.	0.	0.004	0.001	0.003	0.009	0.012
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/29/65-09/09/76	12	0.285	0.283	0.63	0.001	0.039	0.197	0.004	0.098	0.393	0.609
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/29/65-09/14/71	12	0.065	0.137	0.43	0.02	0.019	0.137	0.026	0.053	0.26	0.4
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/29/65-10/09/80	12	91.5	84.	106.	46.	494.364	22.234	46.	67.5	102.	104.8
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/29/65-10/16/73	12	25.75	25.983	37.	14.	37.929	6.159	15.8	22.5	30.225	35.8
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/21/65-10/16/73	12	6.	6.283	11.	1.7	9.12	3.02	2.09	3.875	8.85	10.97
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/29/65-10/16/73	12	3.5	4.175	9.8	1.4	6.249	2.5	1.58	2.125	6.175	8.81
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/29/65-10/16/73	12	0.9	0.992	1.7	0.4	0.206	0.454	0.4	0.725	1.45	1.7
00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/29/65-10/09/80	12	6.	6.167	8.	3.	2.515	1.586	3.3	5.25	7.75	8.
00945	SULFATE, TOTAL (MG/L AS SO4)	09/21/65-10/16/73	12	13.	13.333	16.	11.	2.424	1.557	11.3	12.	14.	16.
01045	IRON, TOTAL (UG/L AS FE)	03/29/65-10/16/73	12	90.	95.833	200.	10.	3699.242	60.821	13.	50.	147.5	191.
01055	MANGANESE, TOTAL (UG/L AS MN)	03/29/65-10/16/73	12	20.	18.333	30.	10.	51.515	7.177	10.	10.	20.	30.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/23/64-11/04/81	11	730.	920.909	2400.	100.	445769.091	667.659	144.	400.	1400.	2240.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/23/64-11/04/81	11	2.863	2.84	3.38	2.	0.146	0.382	2.101	2.602	3.146	3.345
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			691.768								

** - Less than 9 observations ## - Computed with 50% or 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 SARA0001

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/23/64-10/09/80	10	10.5	10.9	24.	0.	86.544	9.303	0.	0.	20.25	23.7
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/23/64-09/09/76	11	3.	3.227	10.	0.5	8.068	2.84	0.6	1.	3.	9.4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/29/65-11/04/81	10	197.5	178.3	206.	103.	1323.344	36.378	105.3	156.	203.75	206.
00300	OXYGEN, DISSOLVED MG/L	04/23/64-10/09/80	11	10.	10.127	14.2	6.6	6.178	2.486	6.64	7.8	12.6	13.92
00310	BOD, 5 DAY, 20 DEG C MG/L	04/23/64-11/04/81	2	1.4	1.4	1.8	1.	0.32	0.566	**	**	**	**

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Annual Analysis for 1969 - Station SARA0001

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00335	COD, .025N K2CR2O7 MG/L	03/29/65-10/08/81	11	3.	4.164	10.	1.	9.455	3.075	1.16	2.	8.	9.6
00400	PH (STANDARD UNITS)	04/23/64-10/09/80	11	7.6	7.655	8.	7.3	0.055	0.234	7.32	7.5	7.9	8.
00400	CONVERTED PH (STANDARD UNITS)	04/23/64-10/09/80	11	7.6	7.601	8.	7.3	0.058	0.241	7.32	7.5	7.9	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/64-10/09/80	11	0.025	0.025	0.05	0.01	0.	0.013	0.01	0.013	0.032	0.048
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	10/24/66-05/26/77	11	78.	71.091	93.	30.	344.091	18.55	33.6	60.	83.	91.4
00500	RESIDUE, TOTAL (MG/L)	03/29/65-10/16/73	11	123.	118.273	157.	73.	664.818	25.784	74.2	103.	141.	154.2
00510	RESIDUE, TOTAL FIXED (MG/L)	09/21/65-09/03/74	11	103.	93.091	130.	51.	710.291	26.651	52.2	58.	113.	127.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/21/65-11/04/81	10	7.5	9.8	22.	2.	47.511	6.893	2.1	4.5	15.5	21.8
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10/24/66-11/04/81	10	4.5	4.6	9.	1.	8.933	2.989	1.	1.75	7.5	9.
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/21/65-09/09/76	11	0.13	0.128	0.28	0.02	0.006	0.077	0.026	0.06	0.19	0.264
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/29/65-11/04/81	11	0.08	0.105	0.314	0.01	0.009	0.093	0.016	0.05	0.124	0.301
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/21/65-11/04/81	11	0.001	0.003	0.009	0.001	0.	0.003	0.001	0.001	0.006	0.009
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/29/65-09/09/76	11	0.3	0.407	0.97	0.2	0.064	0.252	0.2	0.2	0.59	0.91
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/29/65-09/14/71	11	0.06	0.07	0.13	0.04	0.001	0.028	0.042	0.05	0.08	0.126
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/29/65-10/09/80	11	90.	84.727	108.	44.	332.618	18.238	47.6	78.	97.	106.2
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/29/65-10/16/73	11	26.	24.391	32.	13.	28.569	5.345	14.	21.9	27.	31.4
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/21/65-10/16/73	11	6.	5.309	6.9	2.6	2.279	1.51	2.62	4.	6.4	6.8
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/29/65-10/16/73	11	3.2	3.155	4.2	1.7	0.579	0.761	1.8	2.7	3.6	4.18
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/29/65-10/16/73	11	0.8	0.809	1.5	0.5	0.073	0.27	0.52	0.6	0.9	1.4
00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/29/65-10/09/80	11	6.	5.273	8.	3.	2.618	1.618	3.	4.	6.	7.8
00945	SULFATE, TOTAL (MG/L AS SO4)	09/21/65-10/16/73	11	11.	12.	16.	9.	6.6	2.569	9.	10.	14.	16.
01045	IRON, TOTAL (UG/L AS FE)	03/29/65-10/16/73	11	50.	47.273	90.	10.	801.818	28.316	10.	20.	70.	88.
01055	MANGANESE, TOTAL (UG/L AS MN)	03/29/65-10/16/73	11	0.	2.727	10.	0.	21.818	4.671	0.	0.	10.	10.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/23/64-11/04/81	8	3750.	4975.	12000.	1800.	11859285.714	3443.731	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/23/64-11/04/81	8	3.574	3.621	4.079	3.255	0.07	0.264	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4179.348								

** - Less than 9 observations ## - Computed with 50% or 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 SARA0001

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/23/64-10/09/80	12	11.5	11.167	23.	0.	67.606	8.222	0.	3.5	19.	21.8
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/23/64-09/09/76	12	2.5	2.583	6.	1.	2.054	1.433	1.	1.25	3.	5.4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/29/65-11/04/81	12	183.5	186.583	241.	136.	971.72	31.172	138.7	172.	211.75	236.5
00300	OXYGEN, DISSOLVED MG/L	04/23/64-10/09/80	12	10.1	10.567	13.8	6.8	6.021	2.454	6.98	8.6	13.25	13.74
00335	COD, .025N K2CR2O7 MG/L	03/29/65-10/08/81	12	4.5	6.25	23.	0.	34.932	5.91	0.6	3.	8.	18.8
00400	PH (STANDARD UNITS)	04/23/64-10/09/80	12	7.55	7.525	7.9	7.1	0.064	0.253	7.13	7.3	7.7	7.87
00400	CONVERTED PH (STANDARD UNITS)	04/23/64-10/09/80	12	7.547	7.457	7.9	7.1	0.069	0.263	7.13	7.3	7.7	7.87
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/64-10/09/80	12	0.028	0.035	0.079	0.013	0.	0.021	0.014	0.02	0.05	0.075
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	10/24/66-05/26/77	12	71.	71.75	95.	48.	187.114	13.679	49.2	65.25	81.25	92.6
00500	RESIDUE, TOTAL (MG/L)	03/29/65-10/16/73	12	109.5	113.083	132.	98.	151.72	12.317	98.3	102.25	127.75	131.1
00510	RESIDUE, TOTAL FIXED (MG/L)	09/21/65-09/03/74	12	91.	91.917	111.	75.	115.902	10.766	76.8	82.5	99.	109.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/21/65-11/04/81	12	14.	12.333	20.	4.	30.061	5.483	4.	8.	17.	19.1
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10/24/66-11/04/81	11	4.	5.636	14.	2.	18.255	4.273	2.	2.	9.	13.6
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/21/65-09/09/76	11	0.13	0.158	0.33	0.03	0.008	0.089	0.038	0.09	0.22	0.318
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/29/65-11/04/81	12	0.084	0.276	2.33	0.003	0.421	0.649	0.014	0.051	0.147	1.69
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/21/65-11/04/81	12	0.013	0.015	0.036	0.003	0.	0.01	0.003	0.008	0.021	0.034
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/29/65-09/09/76	12	0.46	0.508	1.07	0.3	0.05	0.224	0.303	0.328	0.617	0.965
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/29/65-09/14/71	12	0.055	0.06	0.14	0.04	0.001	0.029	0.04	0.04	0.068	0.122
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/29/65-10/09/80	12	82.5	83.	102.	60.	181.636	13.477	61.8	73.	95.	102.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/29/65-10/16/73	12	24.	24.25	29.	18.	13.114	3.621	18.3	22.25	27.75	29.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/21/65-10/16/73	12	5.45	5.425	7.1	3.8	1.169	1.081	3.89	4.45	6.2	7.1
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/29/65-10/16/73	12	3.	3.1	4.1	2.4	0.342	0.585	2.4	2.5	3.55	4.04
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/29/65-10/16/73	12	0.6	0.65	0.8	0.6	0.005	0.067	0.6	0.6	0.7	0.77
00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/29/65-10/09/80	12	5.	5.333	7.	3.	1.333	1.155	3.3	5.	6.	7.
00945	SULFATE, TOTAL (MG/L AS SO4)	09/21/65-10/16/73	12	12.	12.	14.	9.	2.	1.414	9.6	11.	13.	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 1970 - Station SARA0001

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01045	IRON, TOTAL (UG/L AS FE)	03/29/65-10/16/73	12	30.	37.5	110.	0.	965.909	31.079	3.	20.	62.5	98.
01055	MANGANESE, TOTAL (UG/L AS MN)	03/29/65-10/16/73	11	10.	12.727	40.	0.	221.818	14.894	0.	0.	20.	40.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/23/64-11/04/81	12	925.	1616.667	5600.	50.	3455606.061	1858.926	65.	250.	2275.	5390.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/23/64-11/04/81	12	2.965	2.874	3.748	1.699	0.413	0.643	1.789	2.376	3.357	3.731
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			748.015								

** - Less than 9 observations ## - Computed with 50% or 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 SARA0001

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/23/64-10/09/80	10	10.5	12.55	26.	1.	100.247	10.012	1.1	3.5	22.625	25.7
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/23/64-09/09/76	12	2.85	3.092	7.5	0.5	3.739	1.934	0.65	1.575	3.95	6.84
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/29/65-11/04/81	10	206.5	197.1	240.	159.	894.767	29.913	159.1	162.25	220.25	238.1
00300	OXYGEN, DISSOLVED MG/L	04/23/64-10/09/80	12	12.55	11.3	14.6	6.2	10.264	3.204	6.59	7.75	14.15	14.6
00310	BOD, 5 DAY, 20 DEG C MG/L	04/23/64-11/04/81	6	2.3	2.167	3.4	0.6	0.967	0.983	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	03/29/65-10/08/81	10	8.	9.83	26.	0.3	60.2	7.759	0.47	4.25	14.25	25.2
00400	PH (STANDARD UNITS)	04/23/64-10/09/80	12	7.95	7.983	8.4	7.7	0.063	0.252	7.7	7.725	8.2	8.37
00400	CONVERTED PH (STANDARD UNITS)	04/23/64-10/09/80	12	7.947	7.922	8.4	7.7	0.067	0.26	7.7	7.725	8.2	8.37
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/64-10/09/80	12	0.011	0.012	0.02	0.004	0.	0.006	0.004	0.006	0.019	0.02
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	10/24/66-05/26/77	10	82.	78.5	98.	54.	308.5	17.564	54.2	60.5	95.	97.7
00500	RESIDUE, TOTAL (MG/L)	03/29/65-10/16/73	10	137.	131.6	151.	105.	302.267	17.386	105.2	113.75	146.	150.8
00510	RESIDUE, TOTAL FIXED (MG/L)	09/21/65-09/03/74	10	107.5	104.4	125.	73.	253.378	15.918	74.1	96.	115.25	124.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/21/65-11/04/81	10	12.5	15.5	45.	3.	145.611	12.067	3.3	7.5	20.75	42.8
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10/24/66-11/04/81	9	8.	11.	30.	1.	83.	9.11	1.	5.	17.5	30.
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/21/65-09/09/76	10	0.215	0.252	0.42	0.17	0.008	0.09	0.17	0.17	0.33	0.411
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/29/65-11/04/81	10	0.069	0.077	0.18	0.008	0.002	0.049	0.011	0.045	0.111	0.174
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/21/65-11/04/81	10	0.009	0.017	0.052	0.001	0.	0.017	0.002	0.008	0.028	0.051
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/29/65-09/09/76	10	0.61	0.597	1.04	0.2	0.084	0.29	0.208	0.295	0.795	1.038
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/29/65-09/14/71	10	0.085	0.103	0.28	0.02	0.006	0.075	0.023	0.058	0.128	0.27
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/29/65-10/09/80	10	99.5	93.5	114.	69.	332.944	18.247	69.1	75.25	110.	113.6
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/29/65-10/16/73	10	28.5	27.2	34.	20.	25.289	5.029	20.1	22.5	31.25	33.8
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/21/65-10/16/73	10	5.85	6.22	8.2	4.	2.537	1.593	4.08	4.875	8.025	8.19
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/29/65-10/16/73	10	3.5	3.42	6.	1.6	1.286	1.134	1.7	2.675	3.725	5.78
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/29/65-10/16/73	10	0.9	0.86	1.3	0.5	0.069	0.263	0.51	0.6	1.05	1.29
00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/29/65-10/09/80	10	6.	5.19	8.	0.9	4.717	2.172	1.11	3.75	7.	7.9
00945	SULFATE, TOTAL (MG/L AS SO4)	09/21/65-10/16/73	10	12.	11.9	15.	10.	2.322	1.524	10.	10.75	13.	14.8
01045	IRON, TOTAL (UG/L AS FE)	03/29/65-10/16/73	9	30.	36.667	60.	10.	225.	15.	10.	30.	50.	60.
01055	MANGANESE, TOTAL (UG/L AS MN)	03/29/65-10/16/73	1	20.	20.	20.	20.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/23/64-11/04/81	12	1450.	2035.833	9000.	100.	6297771.97	2509.536	130.	357.5	2750.	7560.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/23/64-11/04/81	12	3.159	3.019	3.954	2.	0.321	0.567	2.09	2.539	3.426	3.855
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1044.52								

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Annual Analysis for 1972 - Station SARA0001

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/23/64-10/09/80	9	9.	11.389	22.	1.5	56.236	7.499	1.5	4.5	18.5	22.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/23/64-09/09/76	11	3.	3.355	6.4	1.5	2.765	1.663	1.5	2.1	4.7	6.32
00300	OXYGEN, DISSOLVED MG/L	04/23/64-10/09/80	11	10.4	11.209	15.1	6.8	7.287	2.699	7.08	9.2	13.7	14.94
00310	BOD, 5 DAY, 20 DEG C MG/L	04/23/64-11/04/81	10	1.4	1.53	3.	0.9	0.38	0.617	0.91	1.15	1.725	2.91
00400	PH (STANDARD UNITS)	04/23/64-10/09/80	8	8.	8.	8.2	7.7	0.02	0.141	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/23/64-10/09/80	8	8.	7.978	8.2	7.7	0.021	0.143	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/64-10/09/80	8	0.01	0.011	0.02	0.006	0.	0.004	**	**	**	**

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Annual Analysis for 1972 - Station SARA0001

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/29/65-11/04/81	1	0.18	0.18	0.18	0.18	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/23/64-11/04/81	11	2500.	2510.909	4900.	520.	2346909.091	1531.962	556.	800.	4100.	4800.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/23/64-11/04/81	11	3.398	3.299	3.69	2.716	0.116	0.341	2.742	2.903	3.613	3.681
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1988.967								

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Annual Analysis for 1973 - Station SARA0001

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/23/64-10/09/80	7	11.	12.143	25.	0.5	97.893	9.894	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/23/64-09/09/76	2	3.05	3.05	3.5	2.6	0.405	0.636	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/29/65-11/04/81	1	253.	253.	253.	253.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/23/64-10/09/80	7	11.	11.114	14.4	7.8	6.718	2.592	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	04/23/64-11/04/81	2	2.55	2.55	3.3	1.8	1.125	1.061	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	03/29/65-10/08/81	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	04/23/64-10/09/80	6	7.7	7.817	8.5	7.5	0.146	0.382	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/23/64-10/09/80	6	7.7	7.713	8.5	7.5	0.159	0.398	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/64-10/09/80	6	0.02	0.019	0.032	0.003	0.	0.011	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	10/24/66-05/26/77	1	109.	109.	109.	109.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	03/29/65-10/16/73	1	178.	178.	178.	178.	0.	0.	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	09/21/65-09/03/74	1	125.	125.	125.	125.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/21/65-11/04/81	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/21/65-09/09/76	1	0.16	0.16	0.16	0.16	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/21/65-11/04/81	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/29/65-09/09/76	1	0.39	0.39	0.39	0.39	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/29/65-10/09/80	1	110.	110.	110.	110.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/29/65-10/16/73	1	28.	28.	28.	28.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/21/65-10/16/73	1	9.8	9.8	9.8	9.8	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/29/65-10/16/73	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/29/65-10/16/73	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/29/65-10/09/80	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/21/65-10/16/73	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	03/29/65-10/16/73	1	130.	130.	130.	130.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	03/29/65-10/16/73	1	20.	20.	20.	20.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/23/64-11/04/81	5	2600.	2600.	3600.	1400.	740000.	860.233	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/23/64-11/04/81	5	3.415	3.393	3.556	3.146	0.026	0.161	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2471.697								

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Annual Analysis for 1974 - Station SARA0001

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/23/64-10/09/80	4	22.25	20.875	22.5	16.5	8.563	2.926	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/23/64-09/09/76	3	4.5	4.833	7.	3.	4.083	2.021	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/29/65-11/04/81	1	1720.	1720.	1720.	1720.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/23/64-10/09/80	3	8.4	8.2	9.	7.2	0.84	0.917	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	04/23/64-11/04/81	2	2.	2.	2.2	1.8	0.08	0.283	**	**	**	**
00400	PH (STANDARD UNITS)	04/23/64-10/09/80	3	7.7	7.767	7.9	7.7	0.013	0.115	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/23/64-10/09/80	3	7.7	7.757	7.9	7.7	0.013	0.116	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/64-10/09/80	3	0.02	0.017	0.02	0.013	0.	0.004	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	09/21/65-09/03/74	1	150.	150.	150.	150.	0.	0.	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10/24/66-11/04/81	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/29/65-10/09/80	4	89.5	92.5	109.	82.	147.	12.124	**	**	**	**

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Annual Analysis for 1974 - Station SARA0001

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/23/64-11/04/81	4	4000.	3950.	4600.	3200.	390000.	624.5	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/23/64-11/04/81	4	3.601	3.592	3.663	3.505	0.005	0.07	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3911.961								

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Annual Analysis for 1975 - Station SARA0001

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/23/64-10/09/80	3	6.9	6.033	10.1	1.1	20.813	4.562	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/23/64-09/09/76	6	2.	1.667	2.	1.	0.267	0.516	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/29/65-11/04/81	6	206.	199.333	249.	137.	1552.667	39.404	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/23/64-10/09/80	3	12.4	12.4	13.8	11.	1.96	1.4	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	04/23/64-11/04/81	5	0.5	0.86	2.7	0.2	1.073	1.036	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	03/29/65-10/08/81	6	6.5	8.	20.	4.	36.4	6.033	**	**	**	**
00400	PH (STANDARD UNITS)	04/23/64-10/09/80	3	8.3	8.267	8.3	8.2	0.003	0.058	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/23/64-10/09/80	3	8.3	8.264	8.3	8.2	0.003	0.058	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/64-10/09/80	3	0.005	0.005	0.006	0.005	0.	0.001	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	10/24/66-05/26/77	3	82.	99.667	144.	73.	1494.333	38.657	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/21/65-11/04/81	5	3.	4.	9.	2.	8.5	2.915	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10/24/66-11/04/81	4	1.5	2.25	5.	1.	3.583	1.893	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/21/65-09/09/76	3	0.13	0.14	0.17	0.12	0.001	0.026	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/29/65-11/04/81	6 ##	0.025	0.048	0.15	0.01	0.003	0.055	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/21/65-11/04/81	6	0.004	0.005	0.012	0.002	0.	0.004	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/29/65-09/09/76	6	0.57	0.563	0.8	0.36	0.033	0.182	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/29/65-10/09/80	6	4.5	4.833	6.	4.	0.967	0.983	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/23/64-11/04/81	8	3050.	30062.5	170000.	500.	3433571250.	58596.683	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/23/64-11/04/81	8	3.474	3.753	5.23	2.699	0.743	0.862	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			5666.161								

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Annual Analysis for 1976 - Station SARA0001

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/23/64-10/09/80	7	15.2	12.443	18.	1.5	34.87	5.905	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/23/64-09/09/76	7	2.	6.129	28.	0.9	96.316	9.814	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/29/65-11/04/81	7	162.	174.571	240.	120.	1519.619	38.982	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/23/64-10/09/80	7	10.	10.629	14.2	9.	3.566	1.888	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	04/23/64-11/04/81	6	0.95	1.083	1.9	0.7	0.19	0.436	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	03/29/65-10/08/81	7	8.	9.143	16.	5.	15.81	3.976	**	**	**	**
00400	PH (STANDARD UNITS)	04/23/64-10/09/80	6	8.4	8.317	8.8	7.5	0.226	0.475	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/23/64-10/09/80	6	8.389	8.068	8.8	7.5	0.3	0.548	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/64-10/09/80	6	0.004	0.009	0.032	0.002	0.	0.012	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	10/24/66-05/26/77	7	75.	70.571	79.	50.	102.952	10.147	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/21/65-11/04/81	7	3.	9.571	42.	2.	213.286	14.604	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10/24/66-11/04/81	7	1.	7.571	36.	1.	165.952	12.882	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/21/65-09/09/76	7	0.14	0.167	0.28	0.09	0.006	0.075	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/29/65-11/04/81	7 ##	0.01	0.014	0.02	0.01	0.	0.005	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/21/65-11/04/81	7	0.004	0.005	0.01	0.002	0.	0.003	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/29/65-09/09/76	7	0.56	0.481	0.7	0.05	0.048	0.22	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/29/65-10/09/80	7	4.	4.	5.	2.	1.333	1.155	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/23/64-11/04/81	6	3350.	5636.667	16000.	620.	35562466.667	5963.427	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/23/64-11/04/81	6	3.525	3.51	4.204	2.792	0.286	0.535	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3236.247								

** - Less than 9 observations ## - Computed with 50% or 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 SARA0001

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/23/64-10/09/80	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/29/65-11/04/81	2	193.5	193.5	200.	187.	84.5	9.192	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/23/64-10/09/80	1	9.2	9.2	9.2	9.2	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	04/23/64-11/04/81	2	1.7	1.7	2.4	1.	0.98	0.99	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	03/29/65-10/08/81	2	4.5	4.5	5.	4.	0.5	0.707	**	**	**	**
00400	PH (STANDARD UNITS)	04/23/64-10/09/80	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/23/64-10/09/80	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/64-10/09/80	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	10/24/66-05/26/77	1	73.	73.	73.	73.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/21/65-11/04/81	2	1.5	1.5	2.	1.	0.5	0.707	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10/24/66-11/04/81	2 ##	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/29/65-11/04/81	2 ##	0.015	0.015	0.02	0.01	0.	0.007	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/21/65-11/04/81	2	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/29/65-10/09/80	2	5.5	5.5	6.	5.	0.5	0.707	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/23/64-11/04/81	2	2400.	2400.	3000.	1800.	720000.	848.528	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/23/64-11/04/81	2	3.366	3.366	3.477	3.255	0.025	0.157	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2323.79								

** - Less than 9 observations ## - Computed with 50% or 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 SARA0001

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/23/64-10/09/80	6	17.2	15.617	23.8	3.	68.714	8.289	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/29/65-11/04/81	5	162.	170.4	190.	150.	340.8	18.461	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/23/64-10/09/80	6	9.	9.2	12.4	7.	3.808	1.951	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	04/23/64-11/04/81	5	1.5	1.38	2.	0.7	0.277	0.526	**	**	**	**
00400	PH (STANDARD UNITS)	04/23/64-10/09/80	5	7.7	7.8	8.4	7.5	0.125	0.354	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/23/64-10/09/80	5	7.7	7.714	8.4	7.5	0.134	0.366	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/64-10/09/80	5	0.02	0.019	0.032	0.004	0.	0.01	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/21/65-11/04/81	6	5.	4.75	6.	2.5	2.175	1.475	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10/24/66-11/04/81	5	2.	2.	3.	1.	0.5	0.707	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/29/65-11/04/81	6	0.024	0.064	0.27	0.005	0.011	0.102	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/21/65-11/04/81	6	0.007	0.422	2.5	0.005	1.036	1.018	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/29/65-10/09/80	6	4.5	4.25	5.	2.5	0.975	0.987	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/23/64-11/04/81	6	760.	1266.667	2600.	360.	1090346.667	1044.197	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/23/64-11/04/81	6	2.88	2.977	3.415	2.556	0.13	0.36	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			948.664								

** - Less than 9 observations ## - Computed with 50% or 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 SARA0001

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/23/64-10/09/80	6	13.75	12.917	19.	6.5	33.542	5.792	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/29/65-11/04/81	8	172.5	181.125	230.	140.	1091.268	33.034	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/23/64-10/09/80	5	10.	9.76	11.4	8.2	2.288	1.513	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	04/23/64-11/04/81	7	2.	1.921	3.2	0.05	0.953	0.976	**	**	**	**
00400	PH (STANDARD UNITS)	04/23/64-10/09/80	6	8.	7.95	8.7	7.3	0.323	0.568	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/23/64-10/09/80	6	8.	7.677	8.7	7.3	0.412	0.642	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/64-10/09/80	6	0.01	0.021	0.05	0.002	0.001	0.023	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/21/65-11/04/81	8	1.	2.75	10.	0.5	11.	3.317	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10/24/66-11/04/81	8 ##	0.5	1.938	7.	0.5	5.46	2.337	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/29/65-11/04/81	8	0.028	0.037	0.079	0.003	0.001	0.027	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/29/65-10/09/80	8	5.5	6.75	18.	4.	21.929	4.683	**	**	**	**

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Annual Analysis for 1979 - Station SARA0001

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/23/64-11/04/81	7	1100.	1198.571	2200.	390.	332680.952	576.785	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/23/64-11/04/81	7	3.041	3.029	3.342	2.591	0.057	0.239	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1068.067								

** - Less than 9 observations ## - Computed with 50% or 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 SARA0001

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/23/64-10/09/80	7	17.	17.857	25.5	10.5	33.643	5.8	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/29/65-11/04/81	7	190.	197.286	231.	168.	462.571	21.507	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/23/64-10/09/80	7	8.	8.486	11.3	5.9	3.391	1.842	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	04/23/64-11/04/81	7	2.	1.7	3.	0.5	0.663	0.814	**	**	**	**
00400	PH (STANDARD UNITS)	04/23/64-10/09/80	7	8.7	8.671	8.8	8.5	0.012	0.111	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/23/64-10/09/80	7	8.7	8.659	8.8	8.5	0.013	0.112	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/64-10/09/80	7	0.002	0.002	0.003	0.002	0.	0.001	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/21/65-11/04/81	7	8.	12.	26.	4.	66.667	8.165	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10/24/66-11/04/81	6	2.	5.167	16.	0.5	40.867	6.393	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/29/65-11/04/81	7	0.039	0.087	0.36	0.023	0.015	0.122	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/21/65-11/04/81	6	0.006	0.007	0.013	0.005	0.	0.003	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/29/65-10/09/80	1	92.	92.	92.	92.	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/29/65-10/09/80	7	5.	4.786	7.	0.5	4.488	2.119	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/23/64-11/04/81	7	800.	985.714	2100.	0.	628928.571	793.05	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/23/64-11/04/81	7	2.903	2.546	3.322	0.	1.348	1.161	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			351.791								

** - Less than 9 observations ## - Computed with 50% or 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 SARA0001

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/29/65-11/04/81	8	190.	191.625	236.	161.	809.696	28.455	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	04/23/64-11/04/81	7	2.6	2.714	4.3	1.2	1.478	1.216	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	03/29/65-10/08/81	7	10.	9.157	14.3	2.8	18.393	4.289	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/21/65-11/04/81	7	4.	4.429	10.	2.	8.619	2.936	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10/24/66-11/04/81	4	2.	2.25	4.	1.	1.583	1.258	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/29/65-11/04/81	8	0.028	0.036	0.086	0.012	0.001	0.026	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/21/65-11/04/81	8	0.005	0.005	0.007	0.005	0.	0.001	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/23/64-11/04/81	8	700.	971.25	2000.	100.	575898.214	758.88	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/23/64-11/04/81	8	2.844	2.823	3.301	2.	0.208	0.456	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			664.521								

** - Less than 9 observations ## - Computed 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: 9/20 to 2/29 - Station SARA0001

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/23/64-10/09/80	51	5.	5.982	20.	0.	27.572	5.251	0.	1.	10.	13.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/22/71-10/09/80	18	1.75	8.739	22.	-6.	43.933	6.628	3.45	4.	13.25	18.85
00032	CLOUD COVER (PERCENT)	09/14/71-10/09/80	16	97.	81.688	99.	5.	941.163	30.678	8.5	72.5	99.	99.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/23/64-09/09/76	45	2.7	3.891	20.	0.5	13.247	3.64	1.	2.	5.5	7.4
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/29/65-11/04/81	43	175.	179.558	253.	105.	1062.633	32.598	137.	154.	206.	220.6
00300p	OXYGEN, DISSOLVED MG/L	04/23/64-10/09/80	53	12.4	11.832	15.1	6.4	4.439	2.107	8.6	10.3	13.6	14.2
00303	BOD, 1DAY, 20 DEG C MG/L	04/21/75-11/04/81	8 ##	0.125	0.238	0.6	0.05	0.053	0.23	**	**	**	**
00310p	BOD, 5 DAY, 20 DEG C MG/L	04/23/64-11/04/81	42	1.5	1.773	6.8	0.05	1.231	1.11	0.62	1.2	2.225	2.94
00315	BOD, 7 DAY, 20 DEG C MG/L	04/23/69-11/04/81	19	1.8	1.716	3.	0.2	0.439	0.663	0.6	1.3	2.2	2.4
00335p	COD, .025N K2CR2O7 MG/L	03/29/65-10/08/81	37	5.8	7.93	48.6	0.4	86.566	9.304	0.76	2.2	8.5	17.98
00400p	PH (STANDARD UNITS)	04/23/64-10/09/80	51	7.8	7.824	8.6	7.3	0.07	0.265	7.52	7.7	7.9	8.28
00400p	CONVERTED PH (STANDARD UNITS)	04/23/64-10/09/80	51	7.8	7.754	8.6	7.3	0.075	0.274	7.52	7.7	7.9	8.28
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/64-10/09/80	51	0.016	0.018	0.05	0.003	0.	0.01	0.005	0.013	0.02	0.03
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	10/24/66-05/26/77	24	80.	80.958	144.	48.	381.172	19.524	59.	67.25	87.75	105.5
00500	RESIDUE, TOTAL (MG/L)	03/29/65-10/16/73	33	151.	162.242	637.	81.	8459.564	91.976	102.8	123.5	173.	216.6
00510	RESIDUE, TOTAL FIXED (MG/L)	09/21/65-09/03/74	33	109.	110.818	510.	29.	5881.841	76.693	57.8	81.5	119.5	133.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/21/65-11/04/81	43	8.	9.209	26.	0.5	51.205	7.156	2.	4.	14.	21.2
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	10/24/66-11/04/81	24	3.	4.25	18.	0.	21.043	4.587	0.	1.	5.	12.
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/21/65-09/09/76	35	0.19	0.242	0.94	0.	0.038	0.195	0.006	0.13	0.33	0.522
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/29/65-11/04/81	44	0.083	0.194	1.002	0.	0.062	0.25	0.002	0.013	0.308	0.597
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/21/65-11/04/81	42	0.005	0.064	2.5	0.	0.148	0.385	0.	0.002	0.006	0.011
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/29/65-09/09/76	36	0.48	0.456	1.07	0.	0.068	0.26	0.102	0.25	0.63	0.803
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/29/65-09/14/71	32	0.06	0.098	0.43	0.	0.01	0.102	0.013	0.04	0.14	0.267
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/29/75-11/04/81	11	0.005	0.005	0.009	0.001	0.	0.002	0.001	0.004	0.006	0.008
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	03/29/65-10/09/80	34	90.5	90.412	118.	59.	215.462	14.679	74.	80.	102.	110.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/29/65-10/16/73	33	25.3	25.685	37.	17.5	19.636	4.431	19.82	22.7	28.	32.24
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/21/65-10/16/73	33	6.1	6.6	19.1	2.9	10.18	3.191	3.38	4.65	7.1	10.96
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/29/65-10/16/73	33	3.4	3.912	9.8	1.	3.383	1.839	2.16	2.75	4.9	6.72
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/29/65-10/16/73	33	0.7	0.836	1.7	0.2	0.119	0.345	0.44	0.6	1.	1.44
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	03/29/65-10/09/80	42	5.	5.179	9.	2.5	2.266	1.505	4.	4.	6.	7.
00945	SULFATE, TOTAL (MG/L AS SO4)	09/21/65-10/16/73	33	13.	13.606	32.	8.	17.371	4.168	9.4	11.	15.	17.
01045	IRON, TOTAL (UG/L AS FE)	03/29/65-10/16/73	33	90.	89.394	370.	10.	4912.121	70.087	20.	45.	110.	176.
01055	MANGANESE, TOTAL (UG/L AS MN)	03/29/65-10/16/73	31	20.	16.129	40.	0.	164.516	12.826	0.	0.	20.	38.
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/23/64-11/04/81	52	1500.	5816.923	170000.	100.	551169445.249	23476.998	332.	655.	3150.	5420.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/23/64-11/04/81	52	3.176	3.181	5.23	2.	0.333	0.577	2.52	2.816	3.498	3.733
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1516.199								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	06/22/71-11/04/81	17	240.	254.706	650.	20.	28401.471	168.527	36.	150.	325.	610.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	06/22/71-11/04/81	17	2.38	2.289	2.813	1.301	0.145	0.38	1.542	2.167	2.512	2.785
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			194.734								

** - 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

Seasonal Analysis for Season #2: 3/01 to 4/30 - Station SARA0001

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/23/64-10/09/80	22	4.5	5.018	10.5	0.	11.341	3.368	1.	1.875	8.	10.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/22/71-10/09/80	5	-0.5	8.	15.5	-0.5	47.375	6.883	**	**	**	**
00032	CLOUD COVER (PERCENT)	09/14/71-10/09/80	5	99.	68.4	99.	5.	1908.8	43.69	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/23/64-09/09/76	21	4.	6.319	28.	0.9	58.644	7.658	1.	2.	7.75	24.4
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/29/65-11/04/81	18	160.5	152.722	217.	69.	1684.918	41.048	96.9	112.75	182.	204.4
00300p	OXYGEN, DISSOLVED MG/L	04/23/64-10/09/80	22	12.5	12.673	14.6	11.	1.492	1.221	11.13	11.4	13.925	14.27
00303	BOD, 1DAY, 20 DEG C MG/L	04/21/75-11/04/81	4 ##	0.35	0.388	0.8	0.05	0.111	0.333	**	**	**	**
00310p	BOD, 5 DAY, 20 DEG C MG/L	04/23/64-11/04/81	16	1.5	2.8	19.	0.5	19.275	4.39	0.85	1.05	2.575	8.01
00315	BOD, 7 DAY, 20 DEG C MG/L	04/23/69-11/04/81	10	1.7	1.83	3.8	0.5	1.093	1.046	0.54	0.9	2.675	3.71
00335p	COD, .025N K2CR2O7 MG/L	03/29/65-10/08/81	17	9.	9.506	21.2	0.4	40.074	6.33	1.68	4.4	14.65	19.12
00400p	PH (STANDARD UNITS)	04/23/64-10/09/80	22	7.7	7.736	8.7	7.1	0.179	0.423	7.13	7.5	8.	8.52
00400p	CONVERTED PH (STANDARD UNITS)	04/23/64-10/09/80	22	7.7	7.576	8.7	7.1	0.206	0.453	7.13	7.5	8.	8.52

** - Less than 9 observations ## - Computed 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: 3/01 to 4/30 - Station SARA0001

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	04/23/64-10/09/80	22	0.02	0.027	0.079	0.002	0.001	0.022	0.004	0.01	0.032	0.075
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	10/24/66-05/26/77	13	64.	59.846	82.	30.	286.141	16.916	31.6	47.	74.5	80.8
00500	RESIDUE, TOTAL (MG/L)	03/29/65-10/16/73	14	132.	135.143	284.	51.	3379.055	58.13	62.	95.	163.5	232.
00510	RESIDUE, TOTAL FIXED (MG/L)	09/21/65-09/03/74	13	73.	74.154	107.	27.	496.974	22.293	36.6	61.	92.5	105.8
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/21/65-11/04/81	16	16.	22.125	74.	2.	420.117	20.497	2.	7.25	37.	57.2
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	10/24/66-11/04/81	13	9.	13.692	42.	1.	187.397	13.689	1.	2.	27.5	37.2
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/21/65-09/09/76	15	0.15	0.166	0.42	0.	0.017	0.131	0.	0.07	0.27	0.372
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/29/65-11/04/81	18	0.077	0.18	0.614	0.01	0.034	0.184	0.01	0.039	0.268	0.556
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/21/65-11/04/81	17	0.005	0.008	0.044	0.	0.	0.011	0.001	0.002	0.008	0.026
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/29/65-09/09/76	16	0.56	0.581	1.04	0.13	0.053	0.23	0.277	0.433	0.7	1.026
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/29/65-09/14/71	14	0.07	0.158	0.56	0.02	0.025	0.158	0.03	0.058	0.293	0.445
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/29/75-11/04/81	4	0.004	0.005	0.01	0.001	0.	0.004	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	03/29/65-10/09/80	14	67.5	70.	101.	42.	408.308	20.207	43.	50.5	93.75	99.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/29/65-10/16/73	14	20.	20.286	28.2	13.	27.803	5.273	13.1	16.1	24.7	28.1
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/21/65-10/16/73	13	4.2	4.085	6.3	1.7	1.866	1.366	2.06	2.65	5.15	6.02
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/29/65-10/16/73	14	3.05	3.343	9.	1.	4.466	2.113	1.2	1.925	4.125	7.5
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/29/65-10/16/73	14	0.9	0.857	1.5	0.4	0.086	0.293	0.5	0.6	1.	1.35
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	03/29/65-10/09/80	17	5.	5.	8.	2.	3.5	1.871	2.8	3.5	7.	8.
00945	SULFATE, TOTAL (MG/L AS SO4)	09/21/65-10/16/73	13	13.	14.462	22.	10.	11.936	3.455	10.4	12.5	16.5	21.2
01045	IRON, TOTAL (UG/L AS FE)	03/29/65-10/16/73	14	65.	93.571	230.	20.	4778.571	69.127	25.	45.	172.5	210.
01055	MANGANESE, TOTAL (UG/L AS MN)	03/29/65-10/16/73	11	20.	22.727	70.	0.	521.818	22.843	0.	10.	30.	68.
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/23/64-11/04/81	21	600.	748.571	2600.	100.	422292.857	649.841	120.	350.	800.	2160.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/23/64-11/04/81	21	2.778	2.737	3.415	2.	0.136	0.369	2.06	2.54	2.903	3.32
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			545.301								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	06/22/71-11/04/81	7	180.	251.429	920.	30.	92547.619	304.216	**	**	**	**
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	06/22/71-11/04/81	7	2.255	2.186	2.964	1.477	0.214	0.462	**	**	**	**
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			153.447								

** - Less than 9 observations ## - Computed 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: 5/01 to 6/30 - Station SARA0001

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/23/64-10/09/80	26	17.	16.531	24.	8.	22.011	4.692	8.7	12.775	19.25	23.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/22/71-10/09/80	13	21.	20.492	28.	9.	43.994	6.633	9.4	14.25	26.	27.88
00032	CLOUD COVER (PERCENT)	09/14/71-10/09/80	11	50.	55.818	99.	0.	1160.364	34.064	5.	30.	90.	98.2
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/23/64-09/09/76	22	3.	3.945	19.	0.5	15.035	3.877	1.	1.75	5.	7.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/29/65-11/04/81	26	164.	174.231	249.	120.	912.585	30.209	135.8	157.75	191.5	218.5
00300p	OXYGEN, DISSOLVED MG/L	04/23/64-10/09/80	27	9.6	9.378	12.2	5.2	2.37	1.54	7.36	8.4	10.6	11.16
00303	BOD, 1DAY, 20 DEG C MG/L	04/21/75-11/04/81	12	0.5	0.65	1.5	0.1	0.192	0.438	0.16	0.3	0.875	1.47
00310p	BOD, 5 DAY, 20 DEG C MG/L	04/23/64-11/04/81	26	1.7	1.681	3.2	0.5	0.438	0.662	0.84	1.075	2.025	2.58
00315	BOD, 7 DAY, 20 DEG C MG/L	04/23/69-11/04/81	18	1.7	1.933	3.3	0.7	0.711	0.843	0.97	1.275	2.925	3.3
00335p	COD, .025N K2CR2O7 MG/L	03/29/65-10/08/81	20	5.	5.645	13.5	0.	12.488	3.534	1.06	3.1	7.75	12.53
00400p	PH (STANDARD UNITS)	04/23/64-10/09/80	26	7.7	7.846	8.7	7.3	0.173	0.416	7.37	7.5	8.2	8.53
00400p	CONVERTED PH (STANDARD UNITS)	04/23/64-10/09/80	26	7.7	7.693	8.7	7.3	0.197	0.444	7.37	7.5	8.2	8.53
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/64-10/09/80	26	0.02	0.02	0.05	0.002	0.	0.015	0.003	0.006	0.032	0.043
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	10/24/66-05/26/77	11	71.	74.455	110.	48.	276.073	16.615	50.8	65.	79.	107.
00500	RESIDUE, TOTAL (MG/L)	03/29/65-10/16/73	13	105.	129.077	220.	79.	2293.577	47.891	81.4	99.5	165.	217.6
00510	RESIDUE, TOTAL FIXED (MG/L)	09/21/65-09/03/74	12	82.5	77.417	109.	27.	624.629	24.993	34.8	54.25	98.	108.7
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/21/65-11/04/81	24	6.	8.917	24.	1.	42.428	6.514	2.	4.25	14.	21.
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	10/24/66-11/04/81	20	3.	4.1	12.	0.5	12.279	3.504	0.55	1.	7.	9.9
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/21/65-09/09/76	14	0.175	0.261	1.14	0.	0.079	0.281	0.03	0.12	0.278	0.825
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/29/65-11/04/81	26	0.028	0.076	0.68	0.	0.02	0.141	0.002	0.01	0.081	0.236
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/21/65-11/04/81	21	0.005	0.009	0.052	0.	0.	0.012	0.	0.003	0.009	0.027
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/29/65-09/09/76	16	0.35	0.386	0.6	0.2	0.02	0.141	0.2	0.273	0.5	0.6
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/29/65-09/14/71	13	0.06	0.098	0.32	0.001	0.009	0.097	0.021	0.05	0.105	0.308
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/29/75-11/04/81	12	0.003	0.007	0.02	0.001	0.	0.008	0.001	0.001	0.017	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 box-and-whisker plot

Seasonal Analysis for Season #3: 5/01 to 6/30 - Station SARA0001

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	03/29/65-10/09/80	14	79.5	79.357	114.	36.	361.786	19.021	49.	68.	92.5	108.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/29/65-10/16/73	13	23.	24.331	32.	18.	15.421	3.927	18.8	21.95	26.7	31.32
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/21/65-10/16/73	12	4.95	5.25	8.2	3.7	1.995	1.413	3.73	4.075	5.825	7.99
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/29/65-10/16/73	12	2.65	2.658	4.	1.6	0.512	0.715	1.72	2.05	3.075	3.91
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/29/65-10/16/73	13	0.6	0.669	1.	0.3	0.036	0.189	0.38	0.55	0.8	0.96
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	03/29/65-10/09/80	24	5.	5.058	18.	0.5	10.39	3.223	1.95	4.	5.75	7.5
00945	SULFATE, TOTAL (MG/L AS SO4)	09/21/65-10/16/73	12	11.5	11.75	22.	5.	24.386	4.938	5.	9.25	13.5	21.1
01045	IRON, TOTAL (UG/L AS FE)	03/29/65-10/16/73	12	75.	83.333	220.	10.	3551.515	59.595	13.	30.	115.	199.
01055	MANGANESE, TOTAL (UG/L AS MN)	03/29/65-10/16/73	11	10.	10.	40.	0.	120.	10.954	0.	0.	10.	34.
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/23/64-11/04/81	32	1400.	2192.813	16000.	0.	9228853.125	3037.903	145.	552.5	2925.	4040.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/23/64-11/04/81	32	3.145	3.002	4.204	0.	0.539	0.734	2.119	2.74	3.466	3.606
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1004.928								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	06/22/71-11/04/81	19	220.	464.632	4300.	0.	907295.135	952.52	40.	92.	510.	820.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	06/22/71-11/04/81	19	2.342	2.235	3.633	0.	0.515	0.718	1.602	1.964	2.708	2.914
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			171.946								

** - 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 #4: 7/01 to 9/19 - Station SARA0001

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/23/64-10/09/80	36	21.	20.794	26.	15.2	8.007	2.83	16.85	18.25	23.	24.3
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/22/71-10/09/80	21	26.	24.324	35.	12.5	40.245	6.344	14.4	18.75	28.5	33.6
00032	CLOUD COVER (PERCENT)	09/14/71-10/09/80	17	50.	55.588	99.	5.	1582.757	39.784	9.	10.	99.	99.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/23/64-09/09/76	29	3.3	5.048	28.	1.	28.692	5.356	1.	2.45	6.	7.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/29/65-11/04/81	33	204.	246.515	1720.	120.	70729.945	265.951	161.8	181.	224.	238.4
00300p	OXYGEN, DISSOLVED MG/L	04/23/64-10/09/80	35	7.6	7.577	10.2	5.4	1.59	1.261	5.78	6.6	8.4	9.36
00303	BOD, 1DAY, 20 DEG C MG/L	04/21/75-11/04/81	16	0.5	0.669	1.1	0.2	0.077	0.277	0.34	0.5	0.975	1.1
00310p	BOD, 5 DAY, 20 DEG C MG/L	04/23/64-11/04/81	30	1.6	1.867	4.3	0.6	0.805	0.897	0.81	1.275	2.425	2.97
00315	BOD, 7 DAY, 20 DEG C MG/L	04/23/69-11/04/81	24	2.1	2.408	5.1	1.	1.198	1.095	1.25	1.65	2.975	4.6
00335p	COD, .025N K2CR2O7 MG/L	03/29/65-10/08/81	25	6.	9.1	26.	0.3	55.818	7.471	1.	3.3	14.1	21.2
00400p	PH (STANDARD UNITS)	04/23/64-10/09/80	34	7.8	7.915	8.8	7.1	0.229	0.478	7.25	7.675	8.225	8.75
00400p	CONVERTED PH (STANDARD UNITS)	04/23/64-10/09/80	34	7.8	7.703	8.8	7.1	0.275	0.524	7.25	7.675	8.225	8.75
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/64-10/09/80	34	0.016	0.02	0.079	0.002	0.	0.019	0.002	0.006	0.021	0.057
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	10/24/66-05/26/77	16	86.5	84.5	101.	50.	163.2	12.775	66.1	77.	93.	98.9
00500	RESIDUE, TOTAL (MG/L)	03/29/65-10/16/73	17	141.	144.647	228.	86.	1741.618	41.733	104.4	110.	174.5	224.
00510	RESIDUE, TOTAL FIXED (MG/L)	09/21/65-09/03/74	18	98.	98.778	150.	29.	833.948	28.878	49.7	89.	114.5	142.8
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/21/65-11/04/81	33	9.	11.136	42.	0.5	107.27	10.357	1.	3.	17.5	26.8
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	10/24/66-11/04/81	29	3.	5.586	36.	0.5	53.073	7.285	0.5	1.	7.5	16.
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/21/65-09/09/76	20	0.14	0.18	0.58	0.	0.022	0.149	0.002	0.055	0.303	0.366
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/29/65-11/04/81	33	0.074	0.221	2.33	0.01	0.182	0.427	0.02	0.036	0.225	0.622
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/21/65-11/04/81	30	0.007	0.008	0.036	0.	0.	0.007	0.001	0.004	0.012	0.015
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/29/65-09/09/76	22	0.27	0.26	0.7	0.001	0.024	0.156	0.022	0.193	0.353	0.42
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/29/65-09/14/71	17	0.08	0.109	0.23	0.04	0.004	0.06	0.04	0.065	0.175	0.198
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/29/75-11/04/81	13	0.005	0.009	0.055	0.001	0.	0.015	0.001	0.003	0.008	0.041
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	03/29/65-10/09/80	20	102.	95.1	110.	46.	263.358	16.228	76.3	85.25	108.	110.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/29/65-10/16/73	17	29.7	28.841	33.6	22.8	12.911	3.593	22.96	26.	31.6	33.12
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/21/65-10/16/73	17	6.9	6.671	9.3	4.	2.081	1.443	4.08	5.7	7.8	8.42
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/29/65-10/16/73	17	3.6	3.824	6.5	1.	1.957	1.399	2.12	3.	4.75	6.1
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/29/65-10/16/73	17	0.8	0.829	1.3	0.4	0.08	0.282	0.4	0.65	1.05	1.22
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	03/29/65-10/09/80	30	6.	5.833	8.	2.	1.868	1.367	4.	5.	7.	7.9
00945	SULFATE, TOTAL (MG/L AS SO4)	09/21/65-10/16/73	17	11.	12.471	28.	7.	21.015	4.584	8.6	11.	13.5	18.4
01045	IRON, TOTAL (UG/L AS FE)	03/29/65-10/16/73	17	50.	64.706	140.	0.	2238.971	47.318	8.	30.	115.	140.
01055	MANGANESE, TOTAL (UG/L AS MN)	03/29/65-10/16/73	14	15.	20.714	70.	0.	422.527	20.555	0.	0.	32.5	55.
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/23/64-11/04/81	37	2600.	4256.757	46000.	50.	56432766.967	7512.175	486.	1400.	4300.	9080.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/23/64-11/04/81	37	3.415	3.337	4.663	1.699	0.309	0.556	2.682	3.146	3.633	3.958
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2174.35								

** - 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

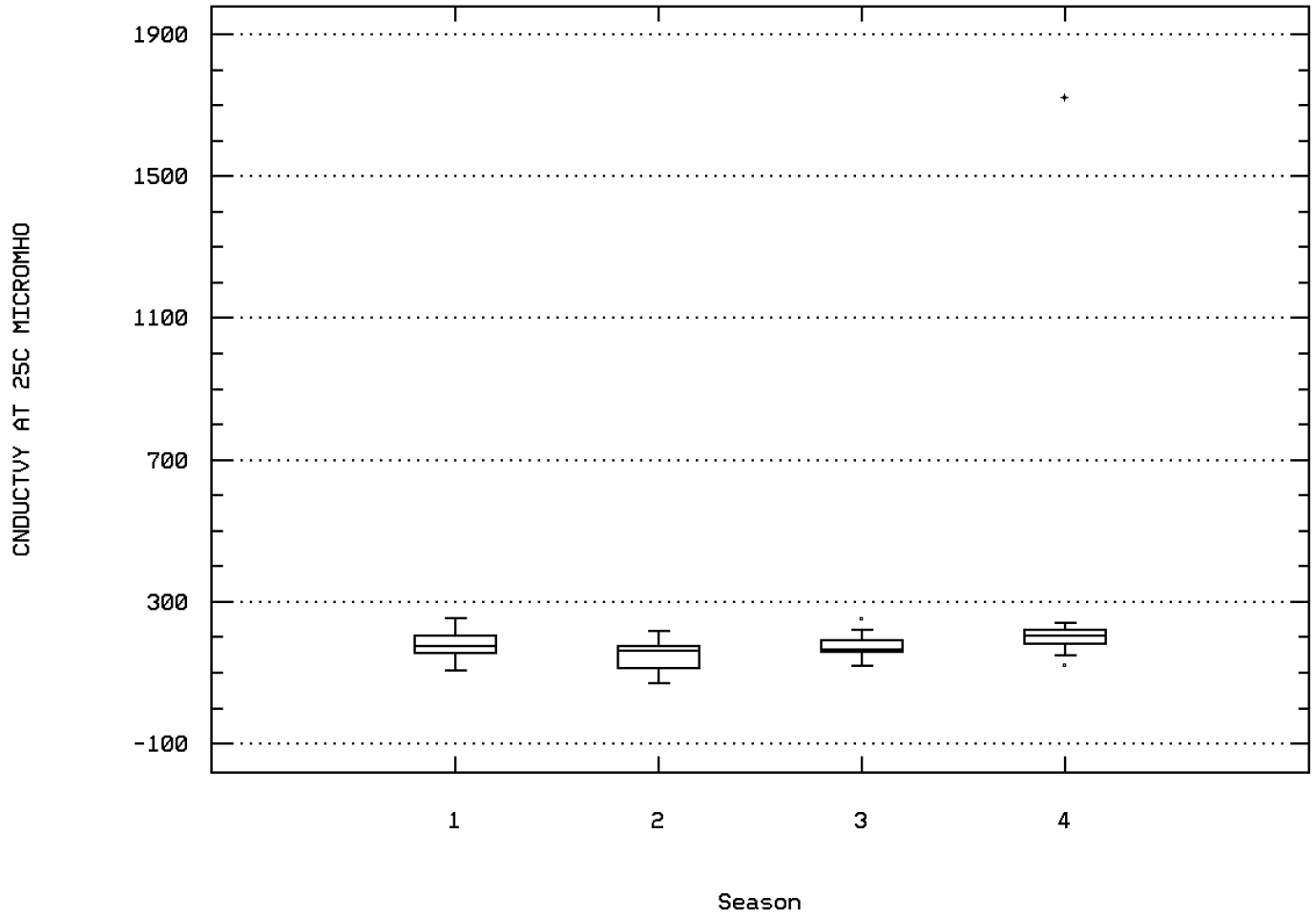
Seasonal Analysis for Season #4: 7/01 to 9/19 - Station SARA0001

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	06/22/71-11/04/81	24	290.	559.188	3000.	0.	558766.279	747.507	10.25	105.	785.	1740.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	06/22/71-11/04/81	24	2.46	2.27	3.477	-0.301	0.847	0.921	0.5	2.02	2.895	3.195
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			186.062								

** - Less than 9 observations ## - Computed 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: SARA0001 Parameter Code: 00095

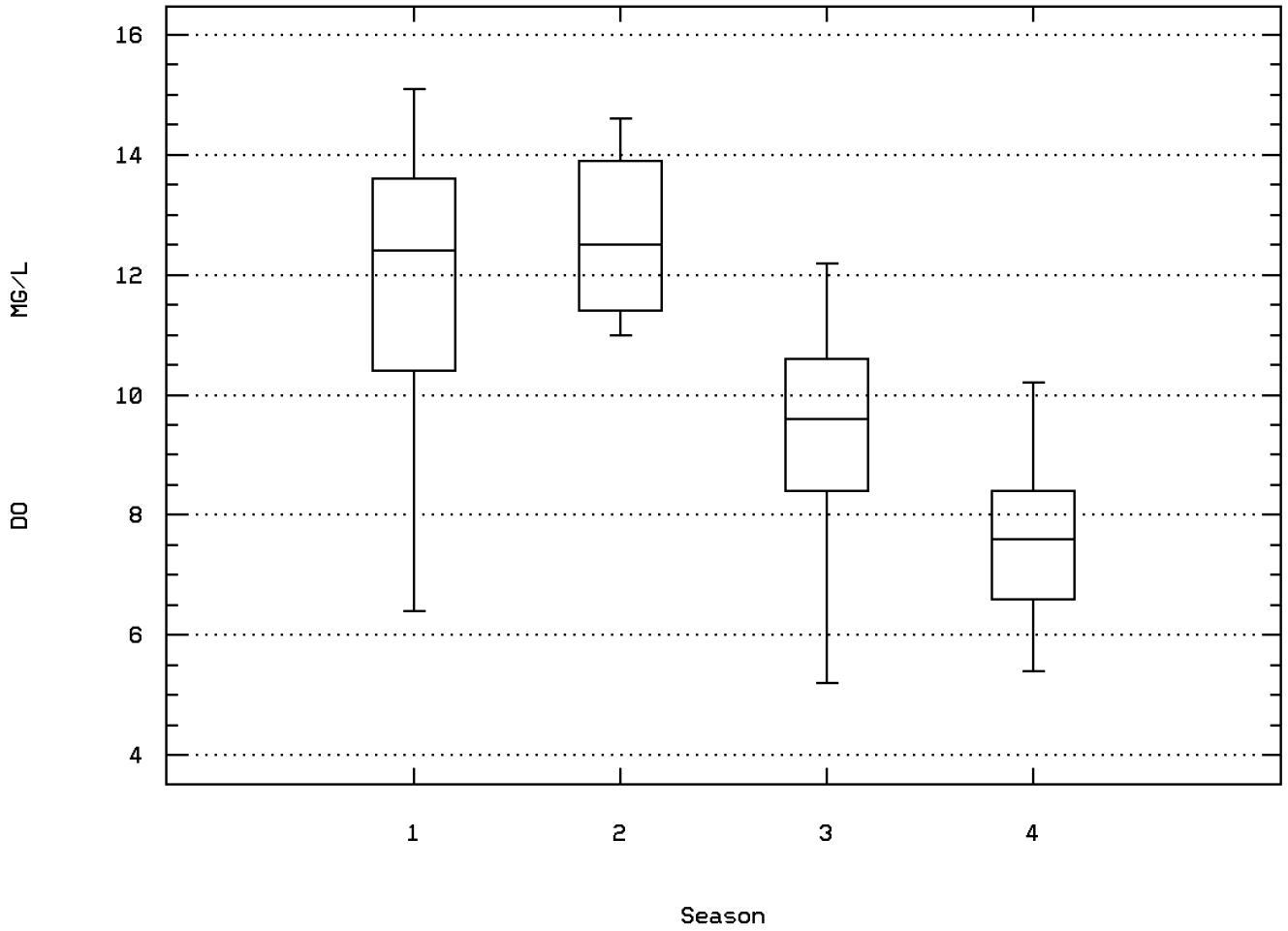
SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)



BATTEN KILL IN MIDDLE FALLS @ NIMO FORE

Station: SARA0001 Parameter Code: 00300

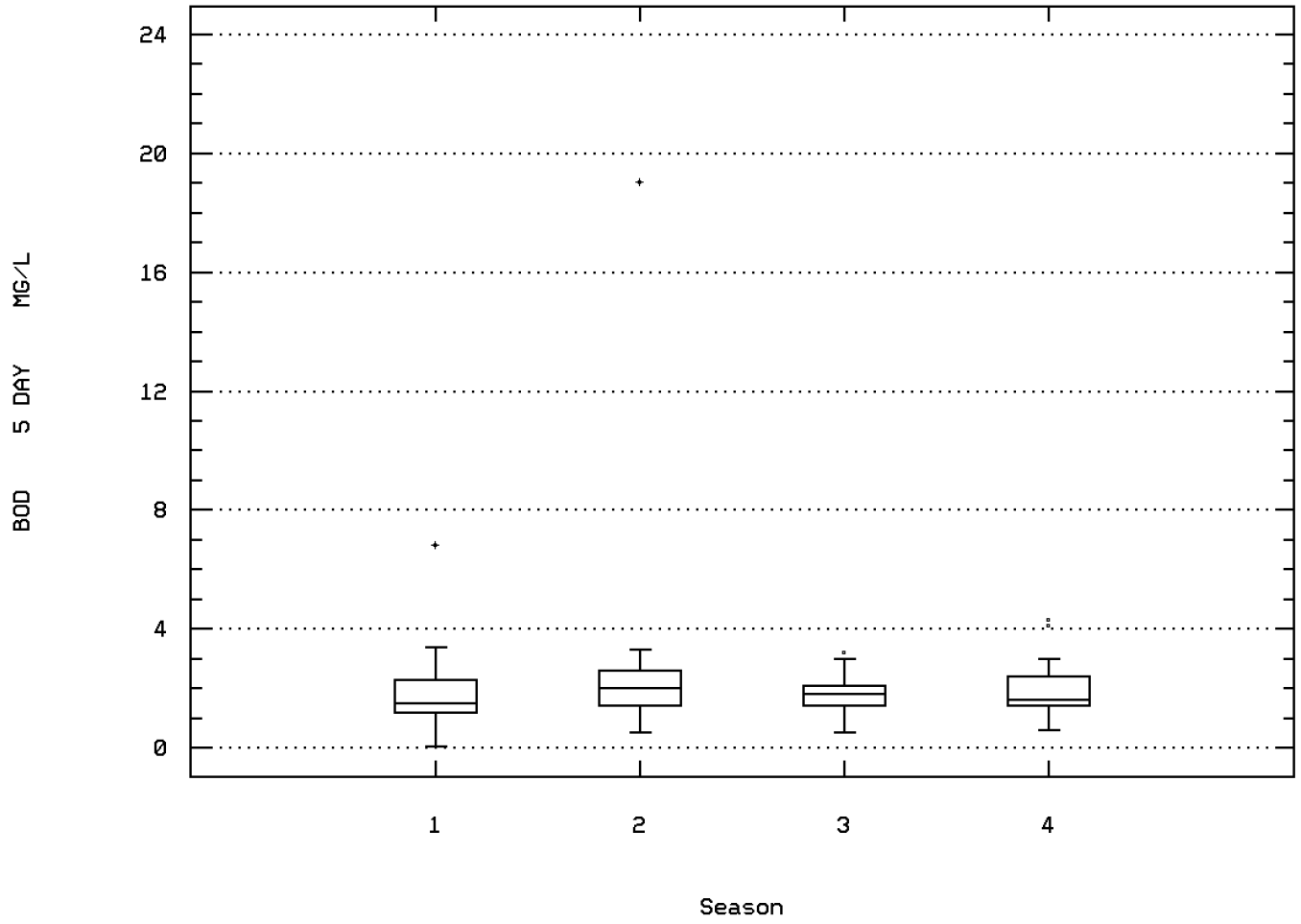
OXYGEN, DISSOLVED



BATTEN KILL IN MIDDLE FALLS @ NIMO FORE

Station: SARA0001 Parameter Code: 00310

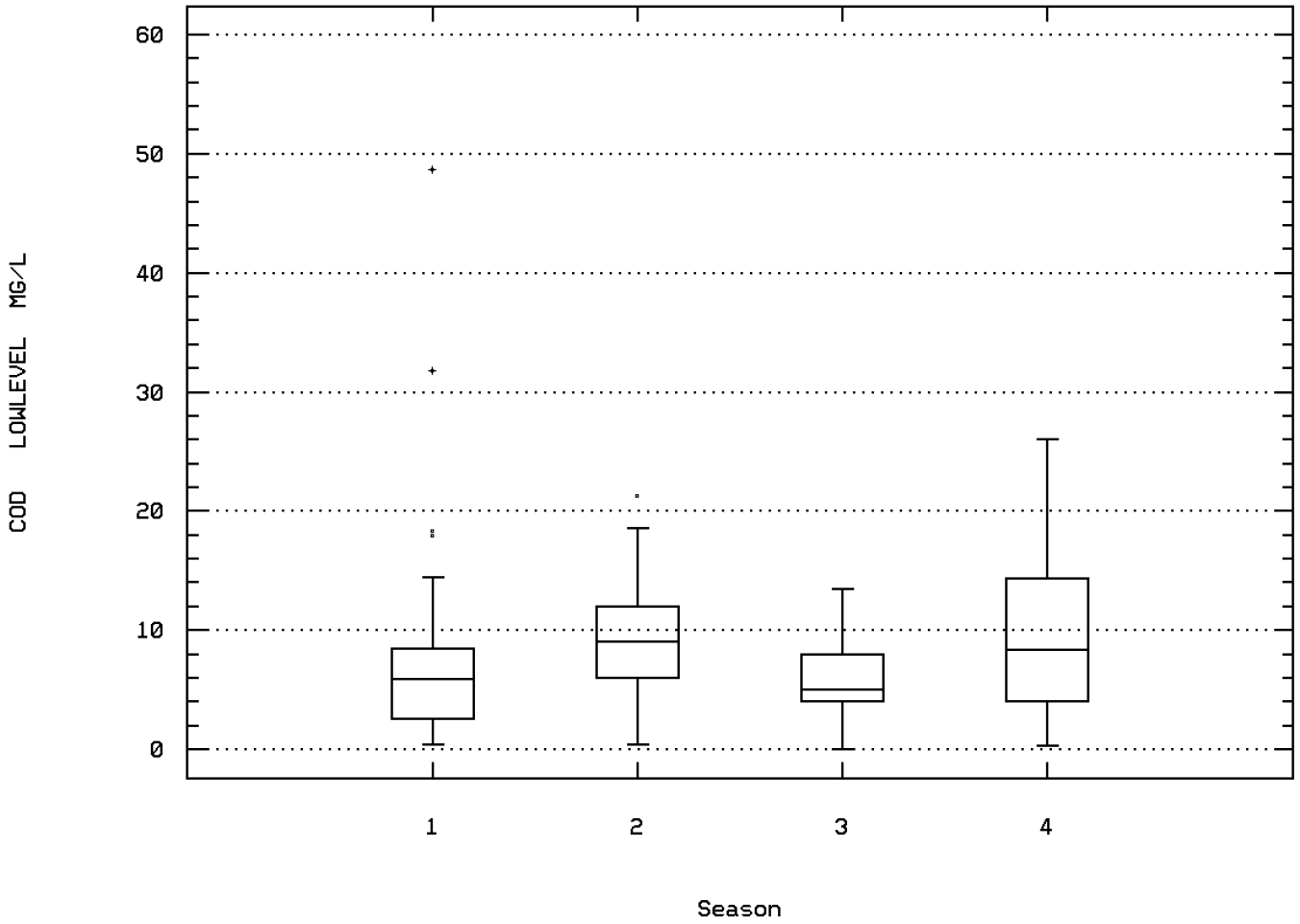
BOD, 5 DAY, 20 DEG C



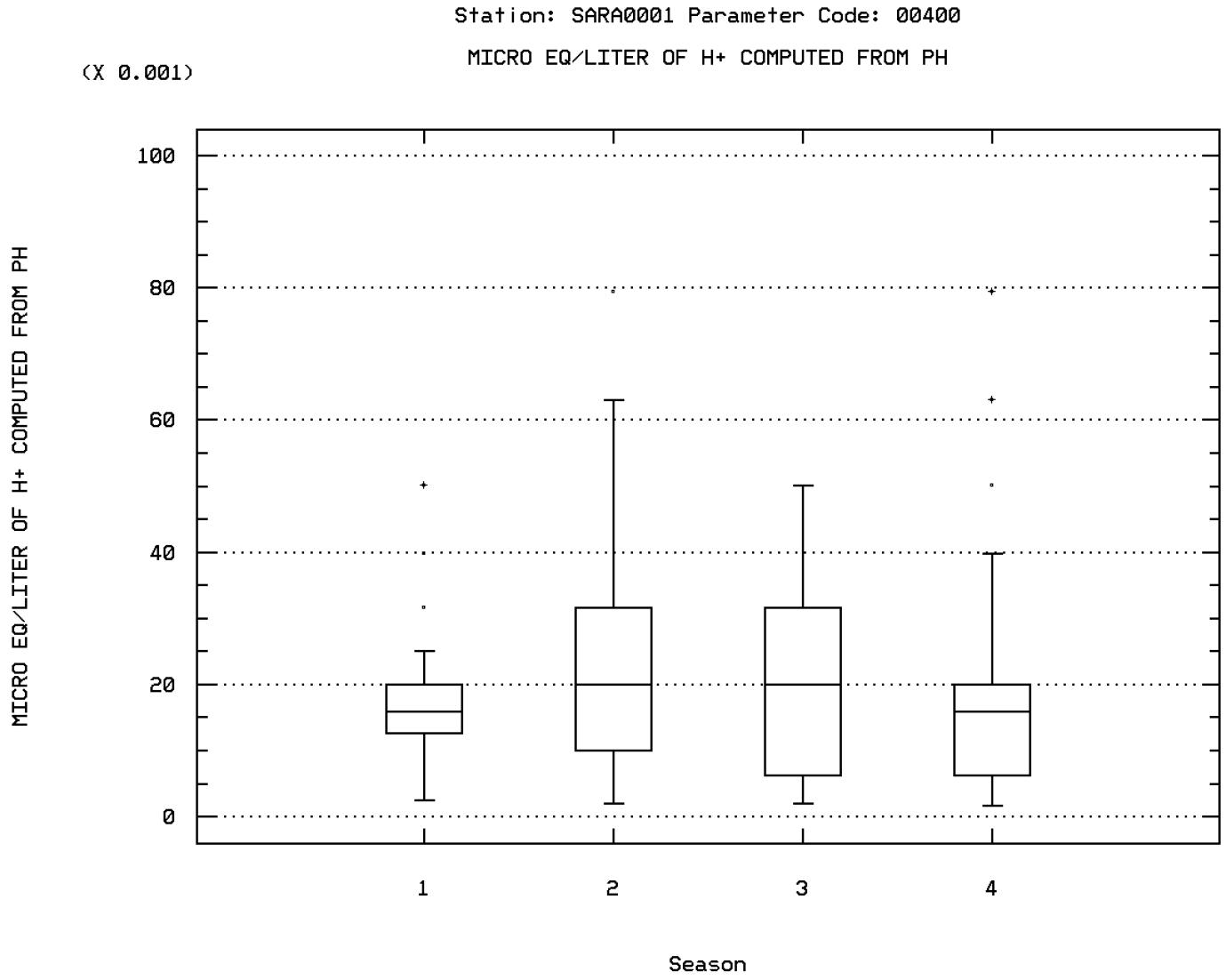
BATTEN KILL IN MIDDLE FALLS @ NIMO FORE

Station: SARA0001 Parameter Code: 00335

COD, .025N K2CR2O7



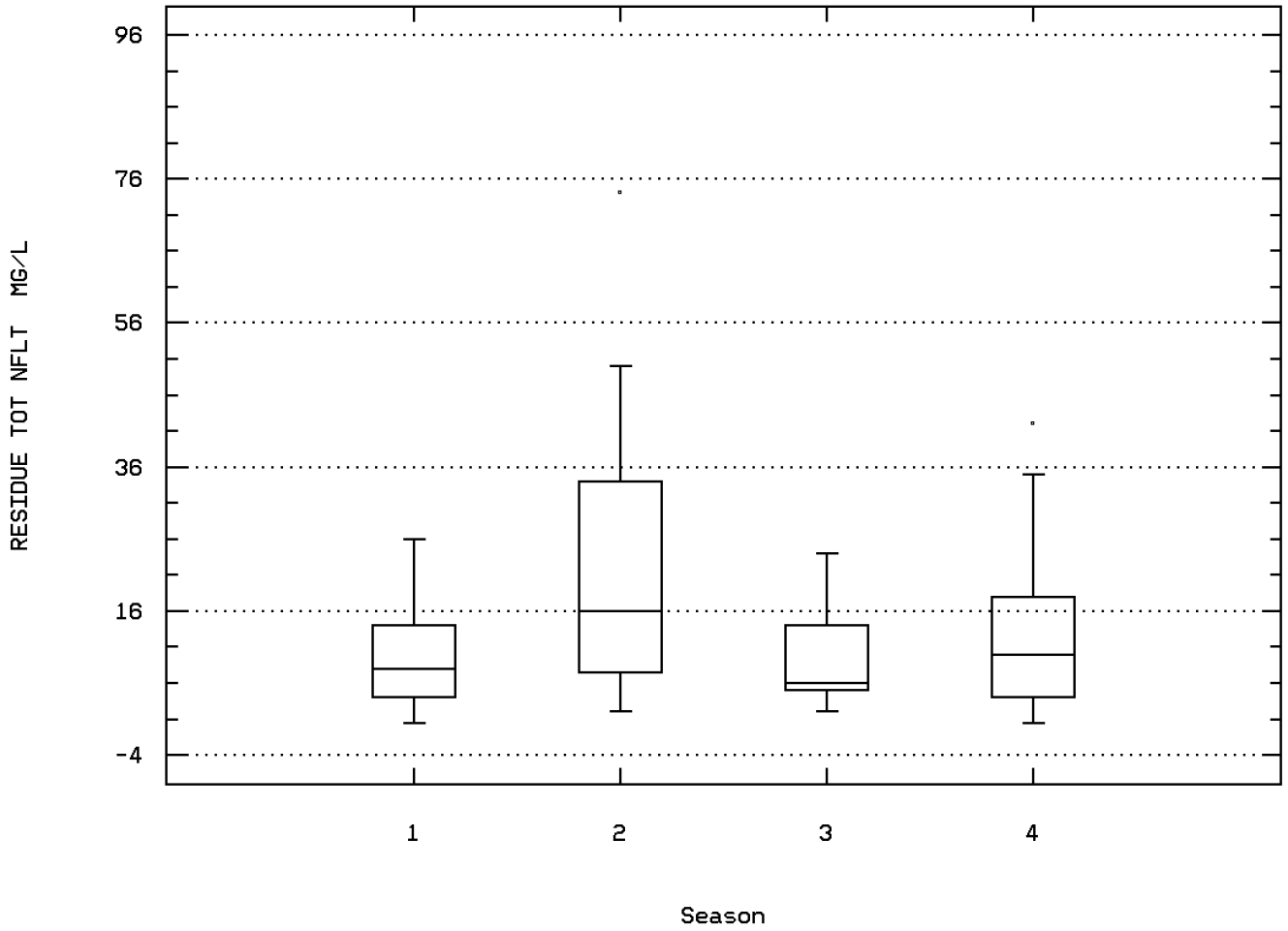
BATTEN KILL IN MIDDLE FALLS @ NIMO FORE



BATTEN KILL IN MIDDLE FALLS @ NIMO FORE

Station: SARA0001 Parameter Code: 00530

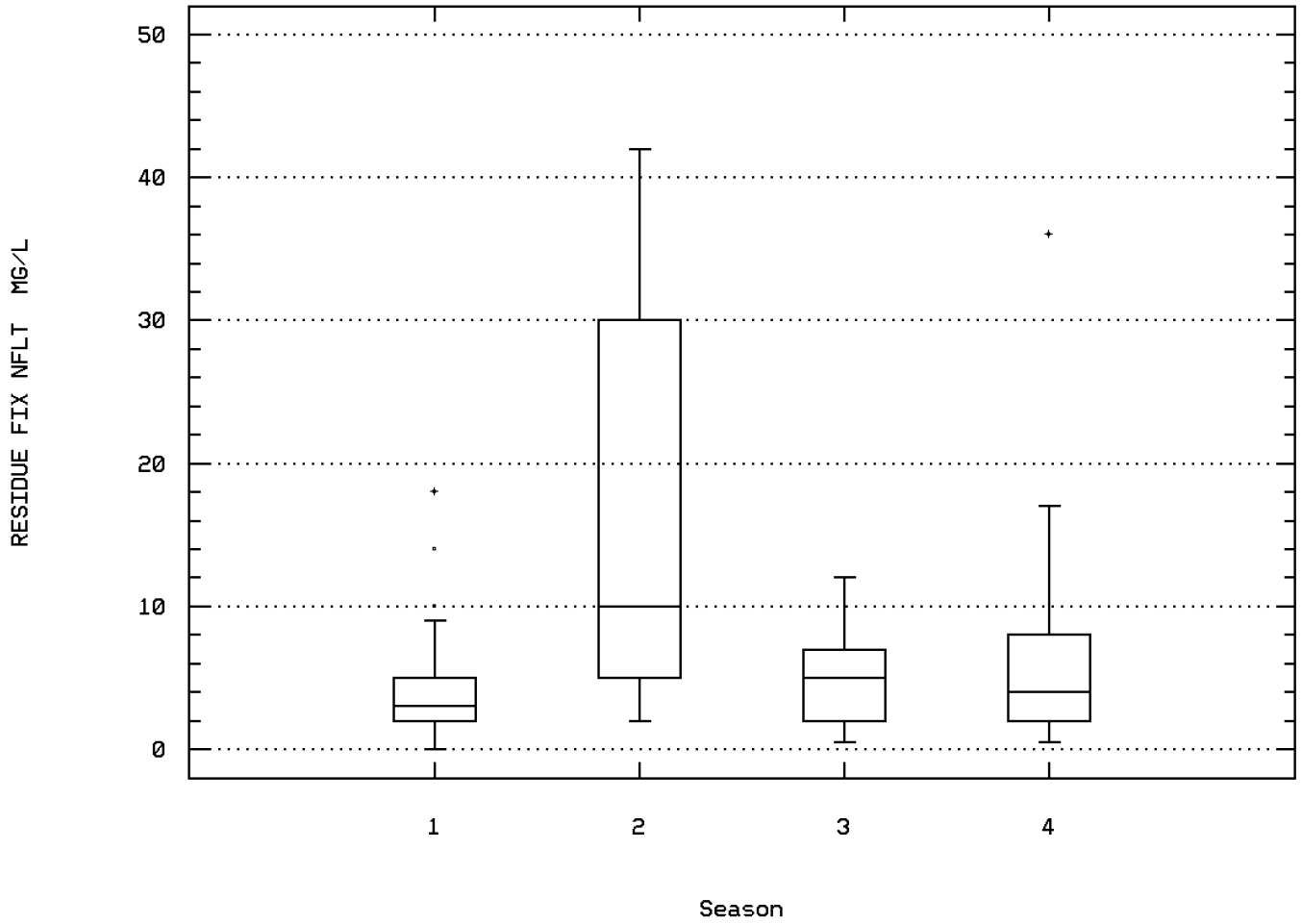
RESIDUE, TOTAL NONFILTRABLE (MG/L)



BATTEN KILL IN MIDDLE FALLS @ NIMO FORE

Station: SARA0001 Parameter Code: 00540

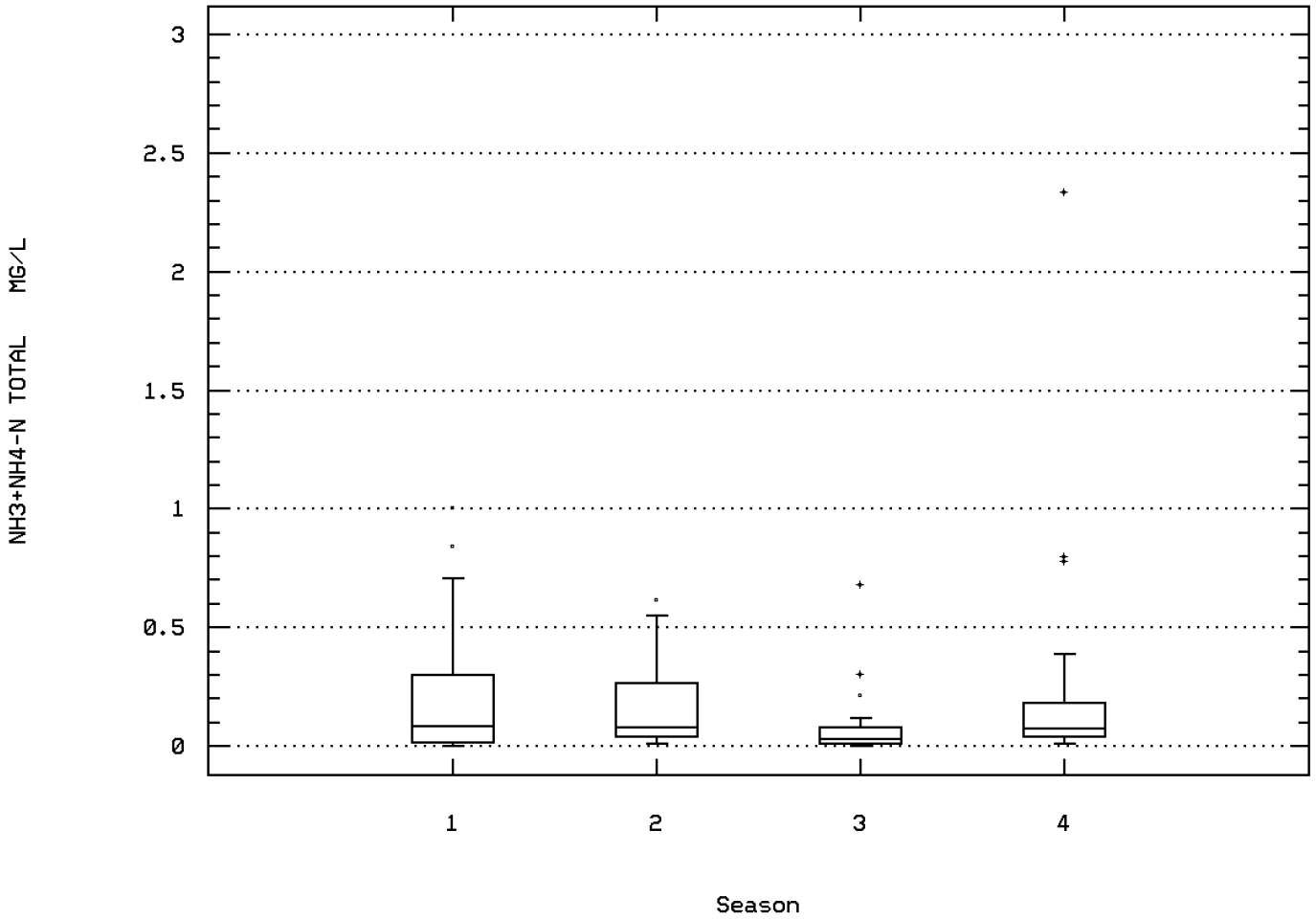
RESIDUE, FIXED NONFILTRABLE (MG/L)



BATTEN KILL IN MIDDLE FALLS @ NIMO FORE

Station: SARA0001 Parameter Code: 00610

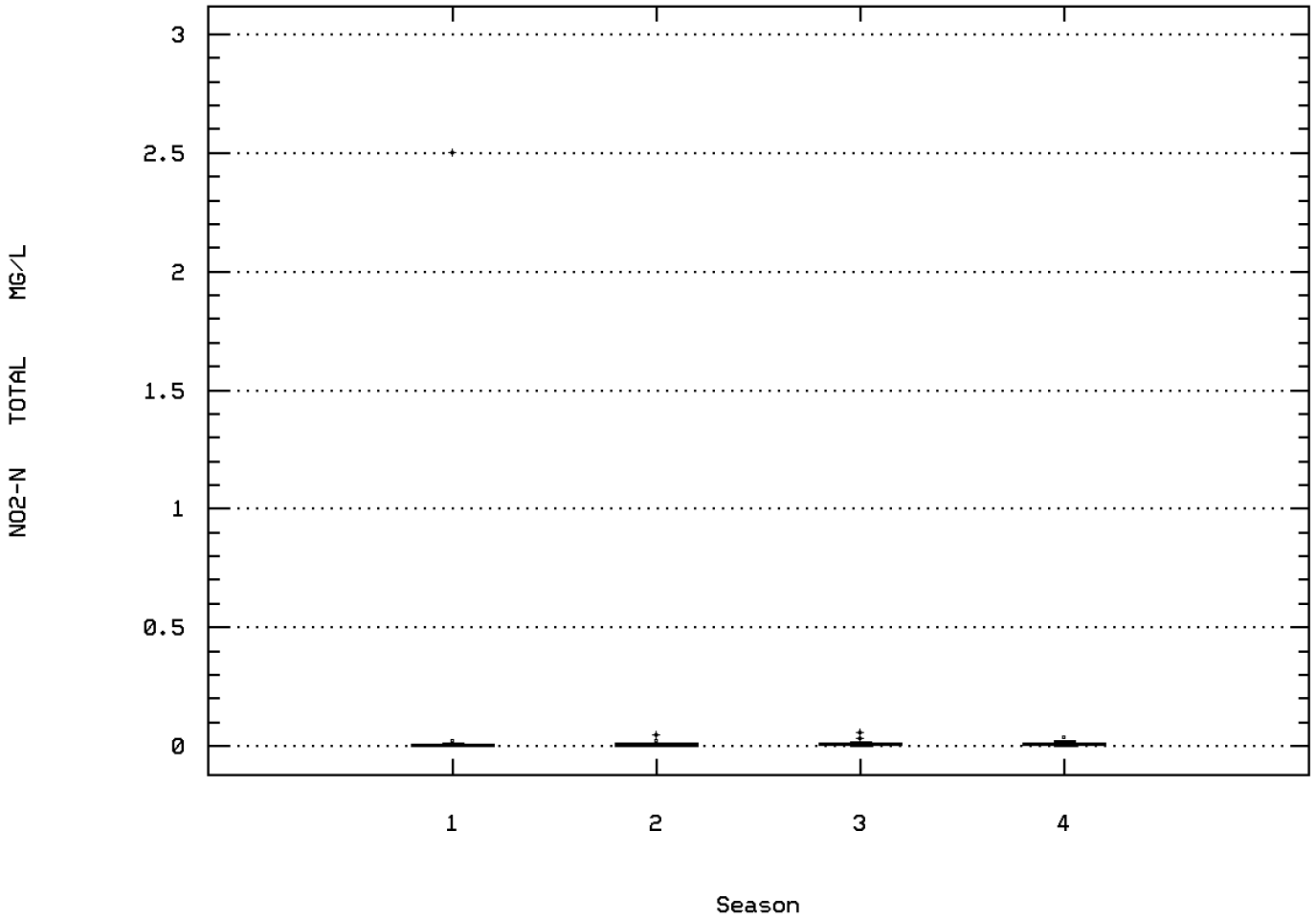
NITROGEN, AMMONIA, TOTAL (MG/L AS N)



BATTEN KILL IN MIDDLE FALLS @ NIMO FORE

Station: SARA0001 Parameter Code: 00615

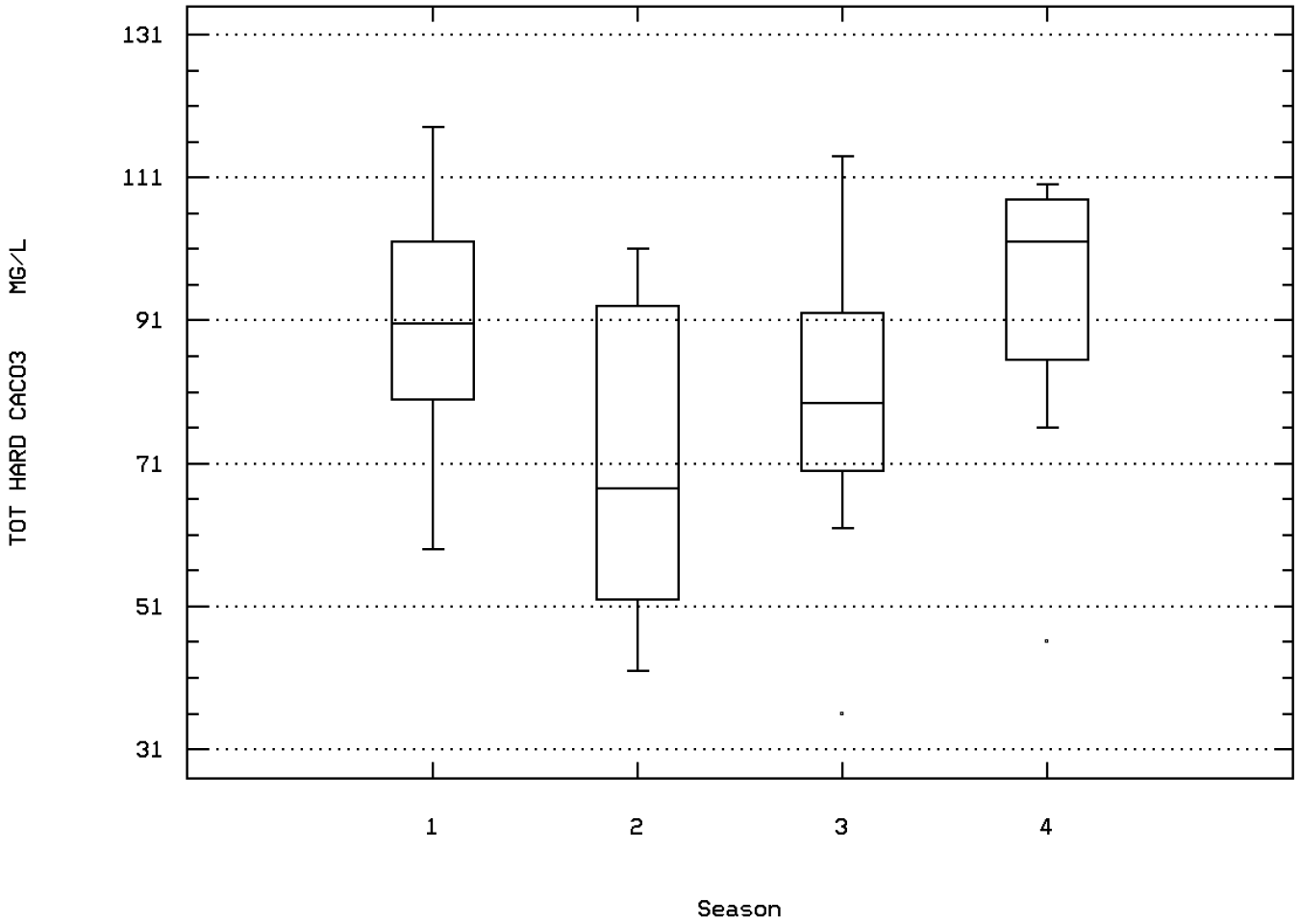
NITRITE NITROGEN, TOTAL (MG/L AS N)



BATTEN KILL IN MIDDLE FALLS @ NIMO FORE

Station: SARA0001 Parameter Code: 00900

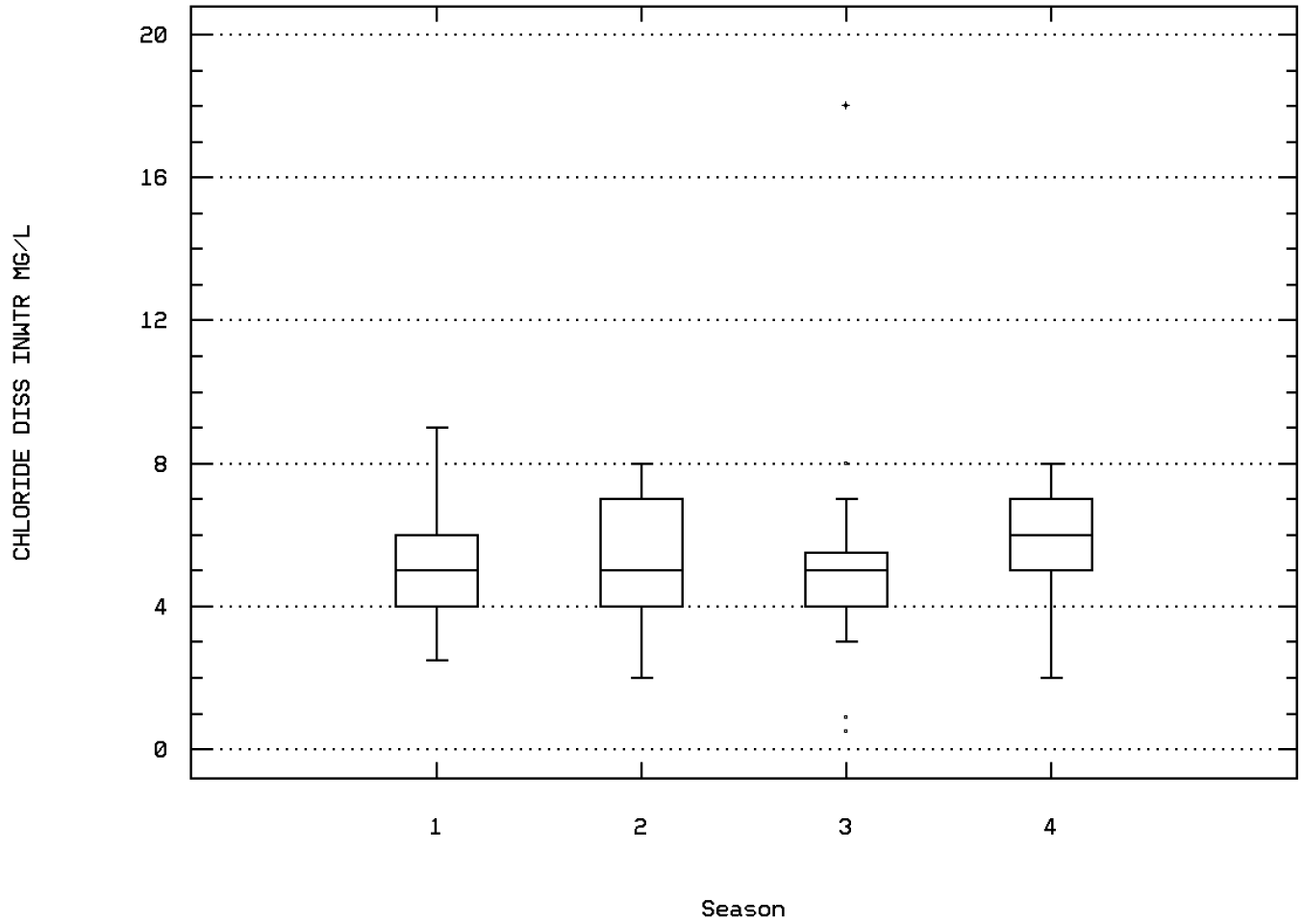
HARDNESS, TOTAL (MG/L AS CACO3)



BATTEN KILL IN MIDDLE FALLS @ NIMO FORE

Station: SARA0001 Parameter Code: 00941

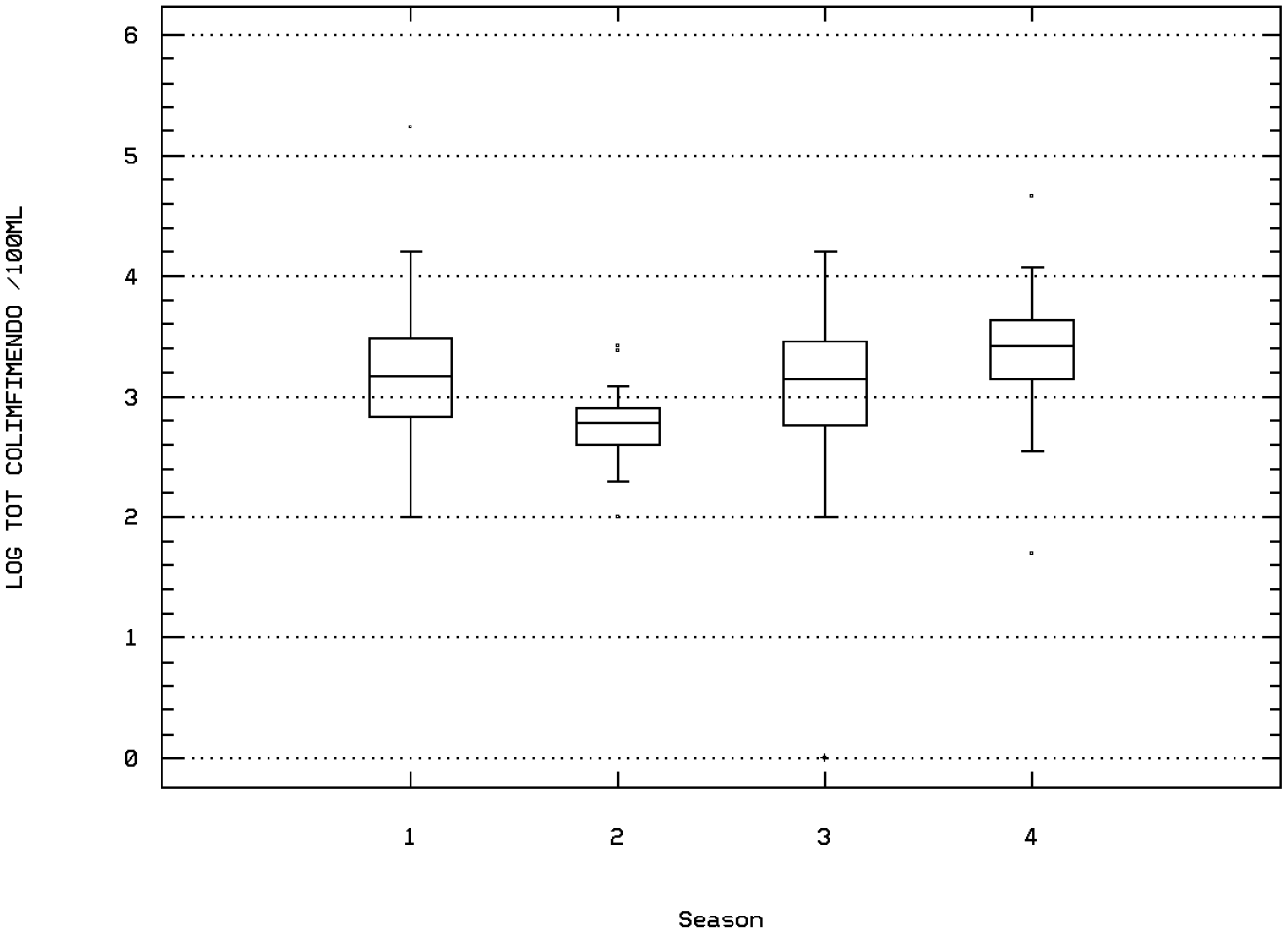
CHLORIDE, DISSOLVED IN WATER



BATTEN KILL IN MIDDLE FALLS @ NIMO FORE

Station: SARA0001 Parameter Code: 31501

LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.



BATTEN KILL IN MIDDLE FALLS @ NIMO FORE

Station Inventory for Station: SARA0002

NPS Station ID: SARA0002
LAT/LON: 43.084726/ -73.525559
Agency: 21NYDEC1
Date Created: 01/05/85
Location: BATTEN KILL AT ROUTE 29 IN MIDDLE FALLS
FIPS State/County: 36115 NEW YORK/WASHINGTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 51103133
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02020003
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: UPPER HUDSON RIVER
ECO Region:
RF1 Index: 02020003033
RF1 Mile Point: 4.610
Distance from RF1: 14.70
On/Off RF1: ON
RF3 Index: 02020003020400.00
RF3 Mile Point: 6.11
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: SARA0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00916	CALCIUM, TOTAL (MG/L AS CA)	11/07/85-11/07/85	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	11/07/85-11/07/85	1	4.9	4.9	4.9	4.9	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	09/01/83-11/07/85	15 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01012	BERYLLIUM, TOTAL (UG/L AS BE)	09/01/83-11/07/85	15 ##	10.	6.4	10.	1.	20.829	4.564	1.	1.	10.	10.
01027	CADMIUM, TOTAL (UG/L AS CD)	09/01/83-11/07/85	15 ##	1.	0.8	1.	0.5	0.064	0.254	0.5	0.5	1.	1.
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/01/83-11/07/85	15 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01042	COPPER, TOTAL (UG/L AS CU)	09/01/83-11/07/85	15 ##	25.	17.	25.	5.	102.857	10.142	5.	5.	25.	25.
01051	LEAD, TOTAL (UG/L AS PB)	09/01/83-11/07/85	15 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01059	THALLIUM, TOTAL (UG/L AS TL)	09/01/83-11/07/85	15 ##	500.	302.	500.	5.	63006.429	251.011	5.	5.	500.	500.
01067	NICKEL, TOTAL (UG/L AS NI)	09/01/83-11/07/85	15 ##	25.	15.2	25.	0.5	154.35	12.424	0.5	0.5	25.	25.
01077	SILVER, TOTAL (UG/L AS AG)	09/01/83-11/07/85	15 ##	10.	6.2	10.	0.5	23.207	4.817	0.5	0.5	10.	10.
01092	ZINC, TOTAL (UG/L AS ZN)	06/06/83-11/07/85	17	30.	39.941	90.	20.	456.934	21.376	24.	25.	55.	82.
01097	ANTIMONY, TOTAL (UG/L AS SB)	09/01/83-11/07/85	15 ##	500.	301.333	500.	2.5	63432.024	251.857	2.5	2.5	500.	500.
01147	SELENIUM, TOTAL (UG/L AS SE)	09/01/83-11/07/85	15 ##	2.5	2.667	5.	2.5	0.417	0.645	2.5	2.5	2.5	3.5
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	10/25/83-11/07/85	13 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	10/25/83-11/07/85	13 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
32104	BROMOFORM,WHOLE WATER,UG/L	10/25/83-11/07/85	13 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	10/25/83-11/07/85	13 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
32106	CHLOROFORM,WHOLE WATER,UG/L	10/25/83-11/07/85	13 ##	0.5	1.154	9.	0.5	5.558	2.357	0.5	0.5	0.5	5.6
34100	NITROGLYCERIN+ETHYLENE GLYCOL DINITRATE IR MG/L	11/22/83-11/22/83	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
34200	ACENAPHTHYLENE TOTWUG/L	11/22/83-11/22/83	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34205	ACENAPHTHENE TOTWUG/L	11/22/83-11/22/83	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34220	ANTHRACENE TOTWUG/L	11/22/83-11/22/83	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34247	BENZO-A-PYRENE TOTWUG/L	11/22/83-11/22/83	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	11/22/83-11/22/83	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	11/22/83-11/22/83	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	11/22/83-11/22/83	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	11/22/83-11/22/83	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
34301	CHLOROBENZENE TOTWUG/L	10/25/83-11/07/85	13 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34311	CHLOROETHANE TOTWUG/L	10/25/83-11/07/85	13 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34320	CHRYSENE TOTWUG/L	11/22/83-11/22/83	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
34336	DIETHYL PHTHALATE TOTWUG/L	11/22/83-11/22/83	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34341	DIMETHYL PHTHALATE TOTWUG/L	11/22/83-11/22/83	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34346	1,2-DIPHENYLHYDRAZINE TOTWUG/L	11/22/83-11/22/83	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34351	ENDOSULFAN SULFATE TOTWUG/L	11/22/83-11/22/83	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34356	ENDOSULFAN, BETA TOTWUG/L	11/22/83-11/22/83	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34361	ENDOSULFAN, ALPHA TOTWUG/L	11/22/83-11/22/83	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34366	ENDRIN ALDEHYDE TOTWUG/L	11/22/83-11/22/83	1 ##	5.	5.	5.	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 time series plot

Parameter Inventory for Station: SARA0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34376	FLUORANTHENE TOTWUG/L	11/22/83-11/22/83	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34381	FLUORENE TOTWUG/L	11/22/83-11/22/83	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	11/22/83-11/22/83	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34392	HEXACHLOROBUTADIENE DISSUG/L	11/22/83-11/22/83	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34396	HEXACHLOROETHANE TOTWUG/L	11/22/83-11/22/83	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	11/22/83-11/22/83	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
34408	ISOPHORONE TOTWUG/L	11/22/83-11/22/83	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34413	METHYL BROMIDE TOTWUG/L	10/25/83-11/07/85	13 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34418	METHYL CHLORIDE TOTWUG/L	10/25/83-11/07/85	13 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34423	METHYLENE CHLORIDE TOTWUG/L	07/07/83-11/07/85	11 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	11/22/83-11/22/83	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34433	N-NITROSODIPHENYLAMINE TOTWUG/L	11/22/83-11/22/83	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34447	NITROBENZENE TOTWUG/L	11/22/83-11/22/83	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34452	PARACHLOROMETA CRESOL TOTWUG/L	11/22/83-11/22/83	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34459	PCP (PENTACHLOROPHENOL) DISSUG/L	11/22/83-11/22/83	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34461	PHENANTHRENE TOTWUG/L	11/22/83-11/22/83	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34469	PYRENE TOTWUG/L	11/22/83-11/22/83	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	10/25/83-11/07/85	13 ##	0.5	0.538	1.	0.5	0.019	0.139	0.5	0.5	0.5	0.8
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	10/25/83-11/07/85	13 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34496	1,1-DICHLOROETHANE TOTWUG/L	10/25/83-11/07/85	13 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34501	1,1-DICHLOROETHYLENE TOTWUG/L	10/25/83-11/07/85	13 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	10/25/83-11/07/85	13 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	10/25/83-11/07/85	13 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	10/25/83-11/07/85	13 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	11/22/83-11/22/83	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	11/22/83-11/22/83	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
34531	1,2-DICHLOROETHANE TOTWUG/L	10/25/83-11/07/85	13 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34536	1,2-DICHLOROBENZENE TOTWUG/L	10/25/83-11/07/85	14 ##	0.5	0.821	5.	0.5	1.446	1.203	0.5	0.5	0.5	2.75
34541	1,2-DICHLOROPROPANE TOTWUG/L	10/25/83-11/07/85	13 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	10/25/83-11/07/85	13 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	11/22/83-11/22/83	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	11/22/83-11/22/83	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
34566	1,3-DICHLOROBENZENE TOTWUG/L	10/25/83-11/07/85	14 ##	0.5	0.821	5.	0.5	1.446	1.203	0.5	0.5	0.5	2.75
34571	1,4-DICHLOROBENZENE TOTWUG/L	10/25/83-11/07/85	14 ##	0.5	0.821	5.	0.5	1.446	1.203	0.5	0.5	0.5	2.75
34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	10/25/83-11/07/85	13 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34581	2-CHLORONAPHTHALENE TOTWUG/L	11/22/83-11/22/83	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34586	2-CHLOROPHENOL TOTWUG/L	11/22/83-11/22/83	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34591	2-NITROPHENOL TOTWUG/L	11/22/83-11/22/83	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34596	DI-N-OCTYL PHTHALATE TOTWUG/L	11/22/83-11/22/83	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
34601	2,4-DICHLOROPHENOL TOTWUG/L	11/22/83-11/22/83	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34606	2,4-DIMETHYLPHENOL TOTWUG/L	11/22/83-11/22/83	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34611	2,4-DINITROTOLUENE TOTWUG/L	11/22/83-11/22/83	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34616	2,4-DINITROPHENOL TOTWUG/L	11/22/83-11/22/83	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	11/22/83-11/22/83	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34626	2,6-DINITROTOLUENE TOTWUG/L	11/22/83-11/22/83	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	11/22/83-11/22/83	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	11/22/83-11/22/83	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34646	4-NITROPHENOL TOTWUG/L	11/22/83-11/22/83	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	11/22/83-11/22/83	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34668	DICHLORODIFUOROMETHANE TOTWUG/L	06/28/84-11/07/85	12 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	11/22/83-11/22/83	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34696	NAPHTHALENE TOTWUG/L	11/22/83-11/22/83	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	10/25/83-11/07/85	13 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	10/25/83-11/07/85	13 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	11/22/83-11/22/83	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	11/22/83-11/22/83	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	10/25/83-11/07/85	13 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	10/25/83-11/07/85	13 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	11/22/83-11/22/83	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	11/22/83-11/22/83	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	11/22/83-11/22/83	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	11/22/83-11/22/83	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	11/22/83-11/22/83	1 ##	5.	5.	5.	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 time series plot

Parameter Inventory for Station: SARA0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	11/22/83-11/22/83	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	11/22/83-11/22/83	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	11/22/83-11/22/83	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	11/22/83-11/22/83	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	11/22/83-11/22/83	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	11/22/83-11/22/83	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	11/22/83-11/22/83	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	09/01/83-11/07/85	15 ##	0.1	0.12	0.2	0.1	0.002	0.041	0.1	0.1	0.1	0.2

** - 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: SARA0002

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/20-2/29 Obs	9/20-2/29 Exceed	9/20-2/29 Prop.	3/01-4/30 Obs	3/01-4/30 Exceed	3/01-4/30 Prop.	5/01-6/30 Obs	5/01-6/30 Exceed	5/01-6/30 Prop.	7/01-9/19 Obs	7/01-9/19 Exceed	7/01-9/19 Prop.
01002	ARSENIC, TOTAL	Fresh Acute	360.	15	0	0.00	6	0	0.00	1	0	0.00	2	0	0.00	6	0	0.00
		Drinking Water	50.	15	0	0.00	6	0	0.00	1	0	0.00	2	0	0.00	6	0	0.00
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	15	0	0.00	6	0	0.00	1	0	0.00	2	0	0.00	6	0	0.00
		Drinking Water	4.	6 &	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00
01027	CADMIUM, TOTAL	Fresh Acute	3.9	15	0	0.00	6	0	0.00	1	0	0.00	2	0	0.00	6	0	0.00
		Drinking Water	5.	15	0	0.00	6	0	0.00	1	0	0.00	2	0	0.00	6	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	15	0	0.00	6	0	0.00	1	0	0.00	2	0	0.00	6	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	6 &	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00
		Drinking Water	1300.	15	0	0.00	6	0	0.00	1	0	0.00	2	0	0.00	6	0	0.00
01051	LEAD, TOTAL	Fresh Acute	82.	15	0	0.00	6	0	0.00	1	0	0.00	2	0	0.00	6	0	0.00
		Drinking Water	15.	15	0	0.00	6	0	0.00	1	0	0.00	2	0	0.00	6	0	0.00
01059	THALLIUM, TOTAL	Fresh Acute	1400.	15	0	0.00	6	0	0.00	1	0	0.00	2	0	0.00	6	0	0.00
		Drinking Water	2.	0 &	0	0.00												
01067	NICKEL, TOTAL	Fresh Acute	1400.	15	0	0.00	6	0	0.00	1	0	0.00	2	0	0.00	6	0	0.00
		Drinking Water	100.	15	0	0.00	6	0	0.00	1	0	0.00	2	0	0.00	6	0	0.00
01077	SILVER, TOTAL	Fresh Acute	4.1	6 &	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00
		Drinking Water	100.	15	0	0.00	6	0	0.00	1	0	0.00	2	0	0.00	6	0	0.00
01092	ZINC, TOTAL	Fresh Acute	120.	17	0	0.00	6	0	0.00	1	0	0.00	3	0	0.00	7	0	0.00
		Drinking Water	5000.	17	0	0.00	6	0	0.00	1	0	0.00	3	0	0.00	7	0	0.00
01097	ANTIMONY, TOTAL	Fresh Acute	88.	6 &	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00
		Drinking Water	6.	6 &	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00
01147	SELENIUM, TOTAL	Fresh Acute	20.	15	0	0.00	6	0	0.00	1	0	0.00	2	0	0.00	6	0	0.00
		Drinking Water	50.	15	0	0.00	6	0	0.00	1	0	0.00	2	0	0.00	6	0	0.00
32101	BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	13	0	0.00	5	0	0.00	1	0	0.00	2	0	0.00	5	0	0.00
32102	CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	13	0	0.00	5	0	0.00	1	0	0.00	2	0	0.00	5	0	0.00
		Drinking Water	5.	13	0	0.00	5	0	0.00	1	0	0.00	2	0	0.00	5	0	0.00
32104	BROMOFORM, WHOLE WATER	Drinking Water	100.	13	0	0.00	5	0	0.00	1	0	0.00	2	0	0.00	5	0	0.00
32105	DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	13	0	0.00	5	0	0.00	1	0	0.00	2	0	0.00	5	0	0.00
32106	CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	13	0	0.00	5	0	0.00	1	0	0.00	2	0	0.00	5	0	0.00
		Drinking Water	100.	13	0	0.00	5	0	0.00	1	0	0.00	2	0	0.00	5	0	0.00
34205	ACENAPHTHENE, TOTAL	Fresh Acute	1700.	1	0	0.00	1	0	0.00									
34301	CHLOROBENZENE, TOTAL	Drinking Water	100.	13	0	0.00	5	0	0.00	1	0	0.00	2	0	0.00	5	0	0.00
34346	1,2-DIPHENYLHYDRAZINE, TOTAL	Fresh Acute	270.	1	0	0.00	1	0	0.00									
34356	ENDOSULFAN, BETA, TOTAL	Fresh Acute	0.22	0 &	0	0.00												
34361	ENDOSULFAN, ALPHA, TOTAL	Fresh Acute	0.22	0 &	0	0.00												
34376	FLUORANTHENE, TOTAL	Fresh Acute	3980.	1	0	0.00	1	0	0.00									
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL	Fresh Acute	7.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
34392	HEXACHLOROBUTADIENE, DISSOLVED	Fresh Acute	90.	1	0	0.00	1	0	0.00									
34396	HEXACHLOROETHANE, TOTAL	Fresh Acute	980.	1	0	0.00	1	0	0.00									
34403	IDENO (1,2,3-CD) PYRENE	Drinking Water	0.4	0 &	0	0.00												
34408	ISOPHORONE, TOTAL	Fresh Acute	117000.	1	0	0.00	1	0	0.00									
34423	METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	11	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00	5	0	0.00
34447	NITROBENZENE, TOTAL	Fresh Acute	27000.	1	0	0.00	1	0	0.00									
34452	PARACHLOROMETA CRESOL, TOTAL	Fresh Acute	30.	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: SARA0002

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/20-2/29 Obs	9/20-2/29 Exceed	9/20-2/29 Prop.	3/01-4/30 Obs	3/01-4/30 Exceed	3/01-4/30 Prop.	5/01-6/30 Obs	5/01-6/30 Exceed	5/01-6/30 Prop.	7/01-9/19 Obs	7/01-9/19 Exceed	7/01-9/19 Prop.
34459	PCP (PENTACHLOROPHENOL), DISSOLVED	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	1.	0 &	0	0.00												
34461	PHENANTHRENE, TOTAL	Fresh Acute	30.	1	0	0.00	1	0	0.00									
34475	TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	13	0	0.00	5	0	0.00	1	0	0.00	2	0	0.00	5	0	0.00
		Drinking Water	5.	13	0	0.00	5	0	0.00	1	0	0.00	2	0	0.00	5	0	0.00
34501	1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	13	0	0.00	5	0	0.00	1	0	0.00	2	0	0.00	5	0	0.00
34506	1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	13	0	0.00	5	0	0.00	1	0	0.00	2	0	0.00	5	0	0.00
34511	1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	13	0	0.00	5	0	0.00	1	0	0.00	2	0	0.00	5	0	0.00
34531	1,2-DICHLOROETHANE, TOTAL	Fresh Acute	118000.	13	0	0.00	5	0	0.00	1	0	0.00	2	0	0.00	5	0	0.00
		Drinking Water	5.	13	0	0.00	5	0	0.00	1	0	0.00	2	0	0.00	5	0	0.00
34536	1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	14	0	0.00	6	0	0.00	1	0	0.00	2	0	0.00	5	0	0.00
34541	1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	13	0	0.00	5	0	0.00	1	0	0.00	2	0	0.00	5	0	0.00
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	13	0	0.00	5	0	0.00	1	0	0.00	2	0	0.00	5	0	0.00
34551	1,2,4-TRICHLOROBENZENE, TOTAL	Drinking Water	70.	1	0	0.00	1	0	0.00									
34566	1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	14	0	0.00	6	0	0.00	1	0	0.00	2	0	0.00	5	0	0.00
34571	1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	14	0	0.00	6	0	0.00	1	0	0.00	2	0	0.00	5	0	0.00
34586	2-CHLOROPHENOL, TOTAL	Fresh Acute	4380.	1	0	0.00	1	0	0.00									
34601	2,4-DICHLOROPHENOL, TOTAL	Fresh Acute	2020.	1	0	0.00	1	0	0.00									
34606	2,4-DIMETHYLPHENOL, TOTAL	Fresh Acute	2120.	1	0	0.00	1	0	0.00									
34611	2,4-DINITROTOLUENE, TOTAL	Fresh Acute	330.	1	0	0.00	1	0	0.00									
34694	PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	Fresh Acute	10200.	1	0	0.00	1	0	0.00									
34696	NAPHTHALENE, TOTAL	Fresh Acute	2300.	1	0	0.00	1	0	0.00									
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	13	0	0.00	5	0	0.00	1	0	0.00	2	0	0.00	5	0	0.00
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	13	0	0.00	5	0	0.00	1	0	0.00	2	0	0.00	5	0	0.00
		Drinking Water	5.	13	0	0.00	5	0	0.00	1	0	0.00	2	0	0.00	5	0	0.00
39300	P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	0 &	0	0.00												
39310	P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	0 &	0	0.00												
39320	P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	1	0	0.00	1	0	0.00									
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	0 &	0	0.00												
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	0 &	0	0.00												
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	0 &	0	0.00												
		Drinking Water	2.	0 &	0	0.00												
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	0 &	0	0.00												
		Drinking Water	0.4	0 &	0	0.00												
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	0 &	0	0.00												
		Drinking Water	0.2	0 &	0	0.00												
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	1	0	0.00	1	0	0.00									
		Drinking Water	1.	0 &	0	0.00												
39782	LINDANE IN WHOLE WATER SAMPLE	Fresh Acute	2.	0 &	0	0.00												
		Drinking Water	0.2	0 &	0	0.00												
71900	MERCURY, TOTAL	Fresh Acute	2.4	15	0	0.00	6	0	0.00	1	0	0.00	2	0	0.00	6	0	0.00
		Drinking Water	2.	15	0	0.00	6	0	0.00	1	0	0.00	2	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

Station Inventory for Station: SARA0003

NPS Station ID: SARA0003
LAT/LON: 43.098615/ -73.525559
Agency: 112WRD
Date Created: / /
Location: BATTEN KILL AT MIDDLE FALLS NY
FIPS State/County: 36115 NEW YORK/WASHINGTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 01329640
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02020003
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02020003
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02020003005703.92
RF3 Mile Point: 7.26
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: SARA0003

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00060	FLOW, STREAM, MEAN DAILY CFS	04/23/69-05/25/71	24	250.	293.75	360.	240.	3441.848	58.667	240.	240.	360.	360.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/08/74-05/21/75	7	5.	4.143	5.	2.	1.476	1.215	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	04/23/69-05/21/75	33	7.	9.576	34.	0.	69.439	8.333	2.	4.	12.5	24.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/23/69-05/21/75	60	194.5	191.017	253.	103.	1208.525	34.764	138.7	172.	219.75	239.5
00335	COD, .025N K2CR2O7 MG/L	04/23/69-05/21/75	60	6.	7.833	36.	0.	40.209	6.341	2.	4.	9.75	15.
00400	PH (STANDARD UNITS)	04/23/69-07/08/74	54	7.7	7.709	8.1	6.9	0.053	0.229	7.45	7.6	7.9	8.
00400	CONVERTED PH (STANDARD UNITS)	04/23/69-07/08/74	54	7.7	7.637	8.1	6.9	0.058	0.241	7.45	7.6	7.9	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/69-07/08/74	54	0.02	0.023	0.126	0.008	0.	0.018	0.01	0.013	0.025	0.036
00405	CARBON DIOXIDE (MG/L AS CO2)	06/06/72-07/08/74	13	2.4	2.638	5.	1.8	0.876	0.936	1.8	1.95	3.05	4.56
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/23/69-05/21/75	60	75.	75.633	109.	30.	311.524	17.65	48.4	66.	92.	98.
00440	BICARBONATE ION (MG/L AS HCO3)	04/23/69-05/21/75	60	91.	92.15	133.	37.	464.774	21.559	58.6	80.	112.	120.
00445	CARBONATE ION (MG/L AS CO3)	04/23/69-07/08/74	54	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00500	RESIDUE, TOTAL (MG/L)	02/01/71-05/21/75	37	124.	128.189	222.	91.	638.38	25.266	100.8	111.	143.	155.
00505	RESIDUE, TOTAL VOLATILE (MG/L)	04/23/69-04/27/71	26	12.5	13.769	30.	1.	70.265	8.382	3.7	6.75	20.25	26.3
00510	RESIDUE, TOTAL FIXED (MG/L)	02/01/71-05/21/75	38	99.	99.5	182.	64.	409.176	20.228	72.8	89.25	108.75	119.6
00525	RESIDUE, FIXED FILTRABLE (MG/L)	02/01/71-09/26/72	21	4.	5.952	30.	0.	51.248	7.159	0.	1.	9.5	15.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/01/71-05/21/75	38	7.5	9.016	45.	0.	62.366	7.897	1.9	4.	13.	17.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10/24/72-05/21/75	17	5.	4.529	16.	0.	19.015	4.361	0.	1.	6.5	12.
00600	NITROGEN, TOTAL (MG/L AS N)	07/21/71-05/21/75	26	0.83	0.91	2.11	0.51	0.122	0.35	0.547	0.638	1.113	1.284
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/23/69-05/21/75	60	0.185	0.256	1.3	0.	0.057	0.238	0.051	0.113	0.363	0.44
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	07/21/71-08/21/73	22	0.104	0.122	0.575	0.005	0.013	0.114	0.01	0.08	0.12	0.231
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/10/73-05/21/75	10	0.02	0.051	0.19	0.005	0.004	0.06	0.005	0.009	0.083	0.18
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/21/71-08/21/73	22	0.007	0.018	0.215	0.002	0.002	0.044	0.004	0.005	0.01	0.023
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/10/73-05/21/75	10	0.005	0.007	0.01	0.002	0.	0.003	0.002	0.005	0.01	0.01
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/21/71-08/21/73	22	0.525	0.564	1.1	0.2	0.061	0.247	0.28	0.353	0.715	1.013
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/10/73-05/21/75	10	0.435	0.443	0.64	0.28	0.01	0.1	0.287	0.38	0.502	0.627
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/23/73-05/21/75	12	0.17	0.182	0.41	0.01	0.013	0.113	0.022	0.103	0.268	0.377
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/10/73-05/21/75	10	0.44	0.447	0.64	0.28	0.01	0.1	0.287	0.38	0.513	0.628
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/30/73-08/21/73	3	0.6	0.567	0.6	0.5	0.003	0.058	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	02/16/72-11/28/72	10	0.06	0.064	0.12	0.02	0.001	0.036	0.021	0.03	0.098	0.12
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/24/72-11/13/73	9	0.02	0.019	0.04	0.	0.	0.014	0.	0.01	0.03	0.04
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/27/70-05/21/75	41	0.02	0.022	0.09	0.002	0.	0.017	0.009	0.01	0.03	0.04
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/11/72-11/13/73	16	0.005	0.005	0.013	0.	0.	0.003	0.001	0.002	0.007	0.01
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/14/74-05/21/75	5	3.9	5.	8.6	2.1	10.47	3.236	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/23/69-11/13/73	52	90.	89.635	120.	44.	301.491	17.364	65.3	78.	106.5	110.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/23/69-11/13/73	52	14.	13.288	23.	0.	21.974	4.688	6.	11.25	16.	19.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/23/69-11/13/73	52	26.	25.827	34.	13.	22.224	4.714	19.	23.	29.	32.
00916	CALCIUM, TOTAL (MG/L AS CA)	06/11/74-04/21/75	7	23.	23.429	30.	16.	31.952	5.653	**	**	**	**

** - Less 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: SARA0003

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/23/69-11/13/73	52	5.95	6.138	9.8	2.7	2.486	1.577	4.1	5.025	7.4	8.47
00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/11/74-05/21/75	8	6.65	6.413	8.4	3.9	2.35	1.533	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	06/11/74-05/21/75	8	2.75	2.9	4.1	1.9	0.506	0.711	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/23/69-11/13/73	52	3.45	3.496	6.2	1.6	0.967	0.983	2.4	2.825	3.875	4.74
00931	SODIUM ADSORPTION RATIO	04/23/69-11/13/73	43	0.2	0.172	0.3	0.1	0.003	0.055	0.1	0.1	0.2	0.2
00932	SODIUM, PERCENT	04/23/69-11/13/73	43	8.	7.884	13.	6.	1.629	1.276	7.	7.	8.	10.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/23/69-11/13/73	52	0.8	0.837	1.9	0.5	0.068	0.26	0.6	0.6	1.	1.1
00937	POTASSIUM, TOTAL MG/L AS K)	06/11/74-05/21/75	8	0.7	0.8	1.2	0.5	0.071	0.267	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/23/69-05/21/75	60	6.	5.567	9.	2.	2.453	1.566	3.	5.	7.	7.
00945	SULFATE, TOTAL (MG/L AS SO4)	04/23/69-05/21/75	60	11.5	11.567	17.	7.	3.707	1.925	9.	10.25	13.	14.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/23/69-11/13/73	52	0.06	0.073	0.3	0.	0.004	0.067	0.	0.015	0.1	0.197
00951	FLUORIDE, TOTAL (MG/L AS F)	06/11/74-06/11/74	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/23/69-06/11/74	53	3.3	3.279	4.7	1.1	0.901	0.949	1.96	2.55	4.15	4.56
01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/09/72-05/09/72	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	10/24/72-08/14/74	4 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	05/09/72-08/14/74	5 ##	0.	2.	10.	0.	20.	4.472	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	05/30/73-05/21/75	11	190.	191.818	450.	20.	10876.364	104.29	42.	130.	230.	406.
01051	LEAD, TOTAL (UG/L AS PB)	05/09/72-08/14/74	5	4.	5.4	9.	2.	11.3	3.362	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	04/23/69-05/21/75	31	10.	28.548	220.	0.	2105.323	45.884	0.	0.	40.	68.
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/23/69-06/11/74	52	0.02	0.022	0.05	0.	0.	0.011	0.01	0.02	0.03	0.04
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/23/69-04/27/71	25	104.	103.96	141.	63.	329.457	18.151	78.2	92.	117.	126.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/23/69-11/13/73	52	105.5	105.423	135.	58.	306.916	17.519	80.6	92.5	119.	129.1
70302	SOLIDS, DISSOLVED-TONS PER DAY	04/23/69-05/25/71	24	77.75	79.263	114.	56.3	292.745	17.11	57.35	61.95	92.075	105.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/23/69-11/13/73	52	0.15	0.146	0.19	0.09	0.001	0.024	0.11	0.13	0.16	0.18
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/11/74-05/21/75	8 ##	0.008	0.009	0.02	0.005	0.	0.005	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/23/69-08/21/73	50	0.11	0.192	3.	0.	0.185	0.43	0.014	0.07	0.143	0.227
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/23/69-08/21/73	50	2.2	2.35	4.9	0.9	1.216	1.103	1.1	1.4	3.025	4.47
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	04/23/69-08/21/73	50	0.025	0.05	0.71	0.	0.01	0.101	0.01	0.02	0.043	0.098
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	10/27/70-08/21/73	31	0.	6.129	40.	0.	144.516	12.021	0.	0.	10.	28.
71885	IRON (UG/L AS FE)	04/23/69-08/21/73	50	40.	65.8	350.	0.	6188.122	78.665	10.	20.	70.	174.
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/23/69-05/21/75	36	0.06	0.076	0.28	0.02	0.002	0.049	0.04	0.05	0.087	0.143
71887	NITROGEN, TOTAL, AS NO3 - MG/L	10/10/73-05/21/75	10	2.8	2.9	4.1	2.3	0.284	0.533	2.31	2.475	3.15	4.02
71900	MERCURY, TOTAL (UG/L AS HG)	05/09/72-08/14/74	5 ##	0.25	1.65	5.5	0.25	5.206	2.282	**	**	**	**

** - 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: SARA0003

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/20-2/29 Obs	9/20-2/29 Exceed	9/20-2/29 Prop.	3/01-4/30 Obs	3/01-4/30 Exceed	3/01-4/30 Prop.	5/01-6/30 Obs	5/01-6/30 Exceed	5/01-6/30 Prop.	7/01-9/19 Obs	7/01-9/19 Exceed	7/01-9/19 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	7	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00
00400	PH	Other-Hi Lim.	9.	54	0	0.00	20	0	0.00	9	0	0.00	10	0	0.00	15	0	0.00
		Other-Lo Lim.	6.5	54	0	0.00	20	0	0.00	9	0	0.00	10	0	0.00	15	0	0.00
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	22	0	0.00	8	0	0.00	3	0	0.00	3	0	0.00	8	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	10	0	0.00	4	0	0.00	1	0	0.00	2	0	0.00	3	0	0.00
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	22	0	0.00	8	0	0.00	3	0	0.00	3	0	0.00	8	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	10	0	0.00	4	0	0.00	1	0	0.00	2	0	0.00	3	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	10	0	0.00	4	0	0.00	1	0	0.00	2	0	0.00	3	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	3	0	0.00							1	0	0.00	2	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	60	0	0.00	22	0	0.00	10	0	0.00	11	0	0.00	17	0	0.00
		Drinking Water	250.	60	0	0.00	22	0	0.00	10	0	0.00	11	0	0.00	17	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	60	0	0.00	22	0	0.00	10	0	0.00	11	0	0.00	17	0	0.00
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	52	0	0.00	20	0	0.00	9	0	0.00	9	0	0.00	14	0	0.00
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	1	0	0.00							1	0	0.00			
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	4	0	0.00	1	0	0.00				1	0	0.00	2	0	0.00
		Drinking Water	50.	4	0	0.00	1	0	0.00				1	0	0.00	2	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	5	0	0.00	1	0	0.00				2	0	0.00	2	0	0.00
		Drinking Water	1300.	5	0	0.00	1	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

EPA Water Quality Criteria Analysis for Station: SARA0003

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/20-2/29 Obs	9/20-2/29 Exceed	9/20-2/29 Prop.	3/01-4/30 Obs	3/01-4/30 Exceed	3/01-4/30 Prop.	5/01-6/30 Obs	5/01-6/30 Exceed	5/01-6/30 Prop.	7/01-9/19 Obs	7/01-9/19 Exceed	7/01-9/19 Prop.
01051	LEAD, TOTAL	Fresh Acute	82.	5	0	0.00	1	0	0.00				2	0	0.00	2	0	0.00
		Drinking Water	15.	5	0	0.00	1	0	0.00				2	0	0.00	2	0	0.00
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	50	0	0.00	18	0	0.00	9	0	0.00	9	0	0.00	14	0	0.00
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	50	0	0.00	18	0	0.00	9	0	0.00	9	0	0.00	14	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	5	1	0.20	1	0	0.00				2	1	0.50	2	0	0.00
		Drinking Water	2.	5	2	0.40	1	0	0.00				2	1	0.50	2	1	0.50

& - 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 SARA0003

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/23/69-05/21/75	9	198.	181.889	235.	103.	1799.861	42.425	103.	146.	206.	235.
00335	COD, .025N K2CR2O7 MG/L	04/23/69-05/21/75	9	4.	4.667	10.	1.	10.25	3.202	1.	2.	8.	10.
00400	PH (STANDARD UNITS)	04/23/69-07/08/74	9	7.7	7.611	8.	7.2	0.056	0.237	7.2	7.45	7.75	8.
00400	CONVERTED PH (STANDARD UNITS)	04/23/69-07/08/74	9	7.7	7.553	8.	7.2	0.06	0.245	7.2	7.45	7.75	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/69-07/08/74	9	0.02	0.028	0.063	0.01	0.	0.016	0.01	0.018	0.036	0.063
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/23/69-05/21/75	9	78.	71.444	93.	30.	406.778	20.169	30.	57.5	84.	93.
00440	BICARBONATE ION (MG/L AS HCO3)	04/23/69-05/21/75	9	95.	87.111	113.	37.	601.111	24.518	37.	70.	102.5	113.
00445	CARBONATE ION (MG/L AS CO3)	04/23/69-07/08/74	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/23/69-05/21/75	9	0.12	0.11	0.2	0.02	0.004	0.064	0.02	0.055	0.17	0.2
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/23/69-11/13/73	9	90.	84.	108.	44.	392.25	19.805	44.	70.	96.	108.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/23/69-11/13/73	9	13.	12.667	16.	10.	3.5	1.871	10.	11.	14.	16.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/23/69-11/13/73	9	27.	24.556	32.	13.	34.778	5.897	13.	20.	28.	32.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/23/69-11/13/73	9	6.	5.489	6.9	2.7	1.746	1.321	2.7	4.75	6.3	6.9
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/23/69-11/13/73	9	3.2	3.078	4.1	1.7	0.564	0.751	1.7	2.45	3.55	4.1
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/23/69-11/13/73	9	0.7	0.711	0.9	0.5	0.016	0.127	0.5	0.6	0.8	0.9
00940	CHLORIDE,TOTAL IN WATER MG/L	04/23/69-05/21/75	9	5.	4.889	7.	3.	2.111	1.453	3.	3.5	6.	7.
00945	SULFATE, TOTAL (MG/L AS SO4)	04/23/69-05/21/75	9	11.	11.111	14.	9.	3.361	1.833	9.	9.5	12.5	14.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/23/69-11/13/73	9	0.1	0.078	0.3	0.	0.009	0.097	0.	0.	0.1	0.3
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/23/69-06/11/74	9	3.3	3.122	4.1	2.2	0.354	0.595	2.2	2.55	3.4	4.1
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/23/69-06/11/74	9	0.03	0.024	0.05	0.	0.	0.017	0.	0.01	0.035	0.05
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/23/69-11/13/73	9	105.	97.333	121.	58.	430.	20.736	58.	80.	109.5	121.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/23/69-11/13/73	9	0.14	0.139	0.17	0.09	0.001	0.028	0.09	0.115	0.16	0.17
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/23/69-08/21/73	9	0.1	0.094	0.13	0.05	0.001	0.027	0.05	0.07	0.115	0.13
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/23/69-08/21/73	9	1.1	1.389	3.	0.9	0.436	0.66	0.9	1.05	1.6	3.
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	04/23/69-08/21/73	9	0.02	0.022	0.03	0.01	0.	0.007	0.01	0.02	0.03	0.03
71885	IRON (UG/L AS FE)	04/23/69-08/21/73	9	50.	45.556	90.	10.	977.778	31.269	10.	15.	75.	90.

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Annual Analysis for 1970 - Station SARA0003

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/23/69-05/21/75	12	183.5	186.583	241.	136.	971.72	31.172	138.7	172.	211.75	236.5
00335	COD, .025N K2CR2O7 MG/L	04/23/69-05/21/75	12	4.5	6.25	23.	0.	34.932	5.91	0.6	3.	8.	18.8
00400	PH (STANDARD UNITS)	04/23/69-07/08/74	12	7.7	7.717	8.	7.5	0.031	0.175	7.5	7.6	7.875	8.
00400	CONVERTED PH (STANDARD UNITS)	04/23/69-07/08/74	12	7.7	7.687	8.	7.5	0.032	0.178	7.5	7.6	7.875	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/69-07/08/74	12	0.02	0.021	0.032	0.01	0.	0.007	0.01	0.013	0.025	0.032
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/23/69-05/21/75	12	71.	71.75	95.	48.	187.114	13.679	49.2	65.25	81.25	92.6
00440	BICARBONATE ION (MG/L AS HCO3)	04/23/69-05/21/75	12	86.5	87.333	116.	58.	279.697	16.724	59.8	79.25	99.	113.
00445	CARBONATE ION (MG/L AS CO3)	04/23/69-07/08/74	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/23/69-05/21/75	12	0.145	0.243	1.3	0.	0.12	0.347	0.009	0.075	0.258	1.009
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/23/69-11/13/73	12	82.5	83.	102.	60.	181.636	13.477	61.8	73.	95.	102.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/23/69-11/13/73	12	12.5	10.167	16.	0.	23.424	4.84	1.8	6.	14.	15.4
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/23/69-11/13/73	12	24.	24.25	29.	18.	13.114	3.621	18.3	22.25	27.75	29.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/23/69-11/13/73	12	5.45	5.425	7.1	3.8	1.169	1.081	3.89	4.45	6.2	7.1
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/23/69-11/13/73	12	3.	3.1	4.1	2.4	0.342	0.585	2.4	2.5	3.55	4.04
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/23/69-11/13/73	12	0.6	0.65	0.8	0.6	0.005	0.067	0.6	0.6	0.7	0.77
00940	CHLORIDE,TOTAL IN WATER MG/L	04/23/69-05/21/75	12	5.	5.333	7.	3.	1.333	1.155	3.3	5.	6.	7.
00945	SULFATE, TOTAL (MG/L AS SO4)	04/23/69-05/21/75	12	12.	12.	14.	9.	2.	1.414	9.6	11.	13.	14.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/23/69-11/13/73	12	0.05	0.05	0.1	0.	0.003	0.052	0.	0.	0.1	0.1
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/23/69-06/11/74	12	3.35	3.392	4.6	1.5	0.908	0.953	1.71	2.775	4.25	4.57
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/23/69-06/11/74	12	0.02	0.02	0.03	0.01	0.	0.006	0.01	0.02	0.02	0.03
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/23/69-11/13/73	12	101.	99.583	121.	76.	184.447	13.581	77.8	90.5	111.75	119.5
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/23/69-11/13/73	12	0.135	0.139	0.18	0.11	0.	0.022	0.11	0.123	0.158	0.174
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/23/69-08/21/73	12	0.115	0.403	3.	0.	0.712	0.844	0.015	0.063	0.193	2.34
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/23/69-08/21/73	12	2.05	2.258	4.7	1.4	0.959	0.979	1.4	1.45	2.775	4.25
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	04/23/69-08/21/73	12	0.045	0.05	0.12	0.01	0.001	0.034	0.01	0.023	0.068	0.114

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Annual Analysis for 1970 - Station SARA0003

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71885	IRON (UG/L AS FE)	04/23/69-08/21/73	12	30.	37.5	110.	0.	965.909	31.079	3.	20.	62.5	98.

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Annual Analysis for 1971 - Station SARA0003

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/23/69-05/21/75	13	203.	193.538	240.	157.	873.603	29.557	157.8	161.5	219.5	232.4
00335	COD, .025N K2CR2O7 MG/L	04/23/69-05/21/75	13	12.	11.692	26.	2.	41.731	6.46	3.2	6.5	15.5	22.8
00400	PH (STANDARD UNITS)	04/23/69-07/08/74	13	7.8	7.708	7.9	7.2	0.044	0.21	7.32	7.55	7.9	7.9
00400	CONVERTED PH (STANDARD UNITS)	04/23/69-07/08/74	13	7.8	7.653	7.9	7.2	0.047	0.218	7.32	7.55	7.9	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/69-07/08/74	13	0.016	0.022	0.063	0.013	0.	0.014	0.013	0.013	0.028	0.051
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/23/69-05/21/75	13	74.	77.231	98.	54.	291.692	17.079	54.8	59.	94.	96.8
00440	BICARBONATE ION (MG/L AS HCO3)	04/23/69-05/21/75	13	90.	94.154	120.	66.	437.141	20.908	66.8	72.	114.5	118.4
00445	CARBONATE ION (MG/L AS CO3)	04/23/69-07/08/74	13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/23/69-05/21/75	13	0.23	0.267	0.42	0.17	0.008	0.092	0.17	0.176	0.335	0.412
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/23/69-11/13/73	13	93.	92.077	114.	69.	310.077	17.609	69.4	75.	110.	112.4
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/23/69-11/13/73	13	15.	14.846	19.	9.	8.641	2.94	10.2	13.	17.5	19.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/23/69-11/13/73	13	28.	26.538	34.	20.	22.603	4.754	20.4	22.	31.	33.2
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/23/69-11/13/73	13	5.7	6.254	8.4	4.	2.444	1.563	4.32	4.95	8.05	8.32
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/23/69-11/13/73	13	3.5	3.446	6.	1.6	0.991	0.996	2.	2.9	3.75	5.12
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/23/69-11/13/73	13	0.9	0.9	1.3	0.5	0.058	0.242	0.54	0.65	1.05	1.26
00940	CHLORIDE,TOTAL IN WATER MG/L	04/23/69-05/21/75	13	6.	5.692	8.	3.	2.064	1.437	3.4	4.5	7.	7.6
00945	SULFATE, TOTAL (MG/L AS SO4)	04/23/69-05/21/75	13	12.	12.	15.	10.	2.167	1.472	10.	11.	13.	14.6
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/23/69-11/13/73	13	0.05	0.048	0.1	0.	0.001	0.035	0.	0.02	0.075	0.1
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/23/69-06/11/74	13	3.1	3.154	4.7	1.1	1.264	1.124	1.38	2.2	4.25	4.62
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/23/69-06/11/74	13	0.02	0.025	0.04	0.02	0.	0.008	0.02	0.02	0.03	0.04
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/23/69-11/13/73	13	111.	107.	130.	83.	259.333	16.104	84.6	91.5	119.	128.8
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/23/69-11/13/73	13	0.16	0.148	0.19	0.12	0.001	0.022	0.12	0.125	0.16	0.182
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/23/69-08/21/73	13	0.11	0.152	0.74	0.01	0.034	0.185	0.026	0.06	0.145	0.536
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/23/69-08/21/73	13	2.6	2.5	4.6	0.9	1.553	1.246	1.02	1.25	3.3	4.56
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	04/23/69-08/21/73	13	0.03	0.049	0.17	0.02	0.002	0.05	0.02	0.02	0.06	0.158
71885	IRON (UG/L AS FE)	04/23/69-08/21/73	13	40.	40.769	90.	0.	541.026	23.26	4.	30.	55.	78.

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Annual Analysis for 1972 - Station SARA0003

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/23/69-05/21/75	11	193.	193.545	245.	130.	1457.873	38.182	131.6	169.	222.	244.6
00335	COD, .025N K2CR2O7 MG/L	04/23/69-05/21/75	11	6.	7.	12.	3.	8.8	2.966	3.	5.	9.	11.6
00400	PH (STANDARD UNITS)	04/23/69-07/08/74	11	7.8	7.736	8.1	6.9	0.103	0.32	7.02	7.7	7.9	8.08
00400	CONVERTED PH (STANDARD UNITS)	04/23/69-07/08/74	11	7.8	7.582	8.1	6.9	0.129	0.359	7.02	7.7	7.9	8.08
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/69-07/08/74	11	0.016	0.026	0.126	0.008	0.001	0.034	0.008	0.013	0.02	0.107
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/23/69-05/21/75	11	72.	76.091	102.	47.	376.291	19.398	47.2	66.	94.	102.
00440	BICARBONATE ION (MG/L AS HCO3)	04/23/69-05/21/75	11	88.	92.455	124.	57.	558.873	23.64	57.2	80.	114.	124.
00445	CARBONATE ION (MG/L AS CO3)	04/23/69-07/08/74	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/23/69-05/21/75	11	0.44	0.443	0.71	0.31	0.01	0.1	0.322	0.38	0.45	0.662
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/23/69-11/13/73	11	90.	92.455	120.	64.	403.073	20.077	64.2	79.	110.	120.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/23/69-11/13/73	11	17.	16.545	20.	9.	9.873	3.142	9.8	16.	19.	19.8
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/23/69-11/13/73	11	26.	26.545	34.	19.	28.673	5.355	19.	23.	31.	34.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/23/69-11/13/73	11	6.1	6.355	8.9	4.1	2.725	1.651	4.12	5.1	7.8	8.82
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/23/69-11/13/73	11	3.4	3.764	6.1	2.3	1.285	1.133	2.34	2.9	4.6	5.84
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/23/69-11/13/73	11	1.	1.009	1.9	0.6	0.141	0.375	0.62	0.7	1.1	1.8
00940	CHLORIDE,TOTAL IN WATER MG/L	04/23/69-05/21/75	11	6.	6.	9.	4.	1.8	1.342	4.2	5.	7.	8.6

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Annual Analysis for 1972 - Station SARA0003

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00945	SULFATE, TOTAL (MG/L AS SO4)	04/23/69-05/21/75	11	12.	12.636	14.	11.	1.455	1.206	11.	12.	14.	14.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/23/69-11/13/73	11	0.06	0.056	0.08	0.04	0.	0.014	0.04	0.04	0.07	0.078
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/23/69-06/11/74	11	3.5	3.7	4.7	2.4	0.546	0.739	2.46	3.4	4.4	4.68
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/23/69-06/11/74	11	0.02	0.021	0.04	0.	0.	0.01	0.002	0.02	0.03	0.038
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/23/69-11/13/73	11	109.	108.727	135.	78.	373.618	19.329	78.4	95.	125.	134.4
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/23/69-11/13/73	11	0.15	0.148	0.18	0.11	0.001	0.025	0.11	0.13	0.17	0.18
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/23/69-08/21/73	11	0.13	0.15	0.33	0.1	0.004	0.064	0.1	0.11	0.15	0.3
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/23/69-08/21/73	11	2.4	2.618	4.6	1.6	0.73	0.854	1.62	2.	3.1	4.36
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	04/23/69-08/21/73	11	0.02	0.087	0.71	0.	0.043	0.207	0.004	0.02	0.03	0.584
71885	IRON (UG/L AS FE)	04/23/69-08/21/73	11	40.	82.727	320.	20.	10141.818	100.707	20.	20.	70.	304.

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Annual Analysis for 1973 - Station SARA0003

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/23/69-05/21/75	7	234.	216.429	253.	174.	1055.619	32.49	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	04/23/69-05/21/75	7	4.	3.571	6.	1.	3.619	1.902	**	**	**	**
00400	PH (STANDARD UNITS)	04/23/69-07/08/74	7	7.9	7.814	8.	7.4	0.041	0.204	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/23/69-07/08/74	7	7.9	7.765	8.	7.4	0.044	0.21	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/69-07/08/74	7	0.013	0.017	0.04	0.01	0.	0.01	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/23/69-05/21/75	7	98.	89.286	109.	65.	318.905	17.858	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	04/23/69-05/21/75	7	120.	108.857	133.	79.	480.476	21.92	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	04/23/69-07/08/74	7	0.	0.	0.	0.	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/23/69-05/21/75	7	0.1	0.253	1.2	0.	0.178	0.422	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/23/69-11/13/73	7	100.	99.286	110.	81.	142.905	11.954	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/23/69-11/13/73	7	13.	11.429	23.	1.	56.619	7.525	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/23/69-11/13/73	7	28.	27.714	33.	23.	11.905	3.45	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/23/69-11/13/73	7	7.6	7.643	9.8	5.7	2.826	1.681	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/23/69-11/13/73	7	4.4	4.386	6.2	3.2	1.081	1.04	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/23/69-11/13/73	7	1.	0.929	1.1	0.7	0.029	0.17	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/23/69-05/21/75	7	7.	7.286	9.	5.	1.905	1.38	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/23/69-05/21/75	7	10.	10.571	13.	9.	2.286	1.512	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/23/69-11/13/73	7	0.2	0.177	0.22	0.08	0.002	0.048	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/23/69-06/11/74	7	3.2	3.014	4.6	1.5	1.538	1.24	**	**	**	**
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/23/69-06/11/74	6	0.015	0.018	0.04	0.	0.	0.015	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/23/69-11/13/73	7	123.	117.714	131.	99.	187.905	13.708	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/23/69-11/13/73	7	0.17	0.161	0.18	0.13	0.	0.02	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/23/69-08/21/73	5	0.01	0.052	0.14	0.	0.004	0.064	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/23/69-08/21/73	5	2.7	3.32	4.9	2.2	1.357	1.165	**	**	**	**
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	04/23/69-08/21/73	5	0.03	0.024	0.04	0.01	0.	0.013	**	**	**	**
71885	IRON (UG/L AS FE)	04/23/69-08/21/73	5	180.	198.	350.	40.	16220.	127.358	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 SARA0003

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/23/69-05/21/75	6	190.	188.167	221.	146.	745.767	27.309	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	04/23/69-05/21/75	6	9.5	13.667	36.	6.	127.467	11.29	**	**	**	**
00400	PH (STANDARD UNITS)	04/23/69-07/08/74	2	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/23/69-07/08/74	2	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/69-07/08/74	2	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/23/69-05/21/75	6	78.	76.333	95.	53.	213.867	14.624	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	04/23/69-05/21/75	6	95.5	93.333	116.	65.	316.267	17.784	**	**	**	**

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Annual Analysis for 1974 - Station SARA0003

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00445	CARBONATE ION (MG/L AS CO3)	04/23/69-07/08/74	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/23/69-05/21/75	6	0.14	0.19	0.39	0.1	0.013	0.113	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/23/69-05/21/75	6	5.	5.	7.	3.	2.	1.414	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/23/69-05/21/75	6	10.5	11.	17.	7.	10.8	3.286	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/23/69-06/11/74	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/23/69-06/11/74	1	0.02	0.02	0.02	0.02	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 1975 - Station SARA0003

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/23/69-05/21/75	2	148.	148.	177.	119.	1682.	41.012	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	04/23/69-05/21/75	2	8.5	8.5	10.	7.	4.5	2.121	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/23/69-05/21/75	2	55.	55.	67.	43.	288.	16.971	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	04/23/69-05/21/75	2	67.	67.	82.	52.	450.	21.213	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/23/69-05/21/75	2	0.11	0.11	0.12	0.1	0.	0.014	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/23/69-05/21/75	2	2.5	2.5	3.	2.	0.5	0.707	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/23/69-05/21/75	2	7.5	7.5	8.	7.	0.5	0.707	**	**	**	**

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Seasonal Analysis for Season #1: 9/20 to 2/29 - Station SARA0003

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/23/69-05/21/75	22	199.	195.636	253.	136.	1156.242	34.004	140.4	172.	221.25	243.8
00335	COD, .025N K2CR2O7 MG/L	04/23/69-05/21/75	22	6.5	6.909	16.	1.	19.039	4.363	1.3	3.	9.	14.7
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/23/69-05/21/75	22	76.	76.864	109.	48.	303.838	17.431	49.5	66.	92.5	100.8
00440	BICARBONATE ION (MG/L AS HCO3)	04/23/69-05/21/75	22	92.5	93.591	133.	58.	456.348	21.362	60.1	80.	112.5	122.8
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/23/69-05/21/75	22	0.185	0.284	1.3	0.	0.077	0.278	0.093	0.138	0.408	0.629
00940	CHLORIDE,TOTAL IN WATER MG/L	04/23/69-05/21/75	22	6.	5.682	9.	3.	3.084	1.756	3.3	4.	6.25	9.
00945	SULFATE, TOTAL (MG/L AS SO4)	04/23/69-05/21/75	22	12.5	12.591	17.	9.	3.491	1.869	10.	11.	14.	14.7

** - 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

Seasonal Analysis for Season #2: 3/01 to 4/30 - Station SARA0003

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/23/69-05/21/75	10	168.5	166.8	217.	103.	1345.956	36.687	104.6	138.5	196.25	215.6
00335	COD, .025N K2CR2O7 MG/L	04/23/69-05/21/75	10	7.5	7.7	18.	1.	26.9	5.187	1.1	2.75	10.5	17.4
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/23/69-05/21/75	10	60.5	59.9	82.	30.	252.767	15.899	31.3	49.75	72.5	81.2
00440	BICARBONATE ION (MG/L AS HCO3)	04/23/69-05/21/75	10	73.5	73.	100.	37.	371.111	19.264	38.5	61.	88.5	99.
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/23/69-05/21/75	10	0.29	0.349	1.2	0.07	0.107	0.327	0.073	0.138	0.433	1.127
00940	CHLORIDE,TOTAL IN WATER MG/L	04/23/69-05/21/75	10	6.	5.5	7.	3.	2.722	1.65	3.	3.75	7.	7.
00945	SULFATE, TOTAL (MG/L AS SO4)	04/23/69-05/21/75	10	13.	12.3	14.	8.	3.789	1.947	8.2	11.5	14.	14.

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Seasonal Analysis for Season #3: 5/01 to 6/30 - Station SARA0003

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/23/69-05/21/75	11	176.	172.091	210.	126.	689.691	26.262	126.8	160.	196.	207.6
00335	COD, .025N K2CR2O7 MG/L	04/23/69-05/21/75	11	6.	5.727	10.	0.	9.418	3.069	0.4	4.	8.	9.8
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/23/69-05/21/75	11	67.	68.909	95.	47.	194.691	13.953	47.2	62.	79.	92.
00440	BICARBONATE ION (MG/L AS HCO3)	04/23/69-05/21/75	11	82.	84.	116.	57.	294.	17.146	57.2	76.	96.	112.4
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/23/69-05/21/75	11	0.17	0.222	0.44	0.06	0.019	0.138	0.066	0.12	0.38	0.43
00940	CHLORIDE,TOTAL IN WATER MG/L	04/23/69-05/21/75	11	5.	4.545	7.	2.	2.073	1.44	2.2	3.	5.	6.8
00945	SULFATE, TOTAL (MG/L AS SO4)	04/23/69-05/21/75	11	11.	10.455	12.	7.	2.273	1.508	7.4	10.	12.	12.

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Seasonal Analysis for Season #4: 7/01 to 9/19 - Station SARA0003

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/23/69-05/21/75	17	220.	211.529	243.	169.	661.515	25.72	171.4	187.	234.5	243.
00335	COD, .025N K2CR2O7 MG/L	04/23/69-05/21/75	17	5.	10.471	36.	3.	90.64	9.52	3.	4.	14.	28.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/23/69-05/21/75	17	92.	87.647	107.	66.	144.868	12.036	67.6	77.5	96.5	103.
00440	BICARBONATE ION (MG/L AS HCO3)	04/23/69-05/21/75	17	112.	106.824	130.	80.	215.904	14.694	82.4	94.5	118.	125.2
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/23/69-05/21/75	17	0.14	0.188	0.45	0.	0.023	0.151	0.016	0.05	0.325	0.442
00940	CHLORIDE,TOTAL IN WATER MG/L	04/23/69-05/21/75	17	6.	6.118	8.	4.	1.11	1.054	4.8	5.	7.	7.2
00945	SULFATE, TOTAL (MG/L AS SO4)	04/23/69-05/21/75	17	11.	10.529	12.	7.	1.765	1.328	8.6	9.5	11.	12.

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Station Inventory for Station: SARA0004

NPS Station ID: SARA0004 | LAT/LON: 43.084726/ -73.525559 | Agency: 21NYDEC1 | Date Created: / /
Location: BATTENKILL CREEK | FIPS State/County: 36115 NEW YORK/WASHINGTON
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): 11 1501 /01329640USGS
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 02020003 | Depth of Water: 0 | Aquifer:
Major Basin: NYS MILE PT. - 4.7 | Elevation: 0 | Water Body Id:
Minor Basin: | ECO Region:
RF1 Index: 02020003033 | RF1 Mile Point: 4.610 | Distance from RF1: 0.00 | On/Off RF1: ON
RF3 Index: 02020003005703.92 | RF3 Mile Point: 7.26 | Distance from RF3: 0.00 | On/Off RF3:
Description:
LOCATION... AT NIAGARA MOHAWK FOREBAY NEAR THE SOUTHEAST CORNER OF RT. 29 BRIDGE IN MIDDLE FALLS.
DATE ACTIVATED..... 04-23-64 | DATE DEACTIVATED..... (ACTIVE)
STREAM NAME..... BATTENKILL CREEK | STREAM INDEX..... H 301
STREAM CLASSIFICATION..... C | TOPO MAP NAME.. SCHUYLERVILLE
TOPO MAP NO... I-26-0 | MILE POINT..... 4.7
GAZETTEER NO. 5757

Parameter Inventory for Station: SARA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/23/64-10/09/80	135	11.	11.807	26.	0.	64.773	8.048	1.	4.	19.	22.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/22/71-10/09/80	57	16.	17.096	35.	-6.	92.626	9.624	4.	2.	26.	28.2
00032	CLOUD COVER (PERCENT)	09/14/71-10/09/80	49	80.	65.469	99.	0.	1367.004	36.973	10.	30.	99.	99.
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/20/67-05/25/71	33	320.	298.485	360.	180.	3688.258	60.731	240.	240.	360.	360.
00065	STAGE, STREAM (FEET)	04/23/64-04/23/64	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/23/64-09/09/76	117	3.	4.624	28.	0.5	25.644	5.064	1.	2.	5.65	8.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/12/76-10/09/80	22	2.1	3.214	28.	1.	31.163	5.582	1.	1.375	2.825	3.31
00080	COLOR (PLATINUM-COBALT UNITS)	04/23/64-09/14/71	86	15.	16.465	40.	3.	64.887	8.055	6.4	10.75	20.	30.
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	11/09/71-09/03/74	19	20.	20.158	34.	7.	47.363	6.882	8.	17.	23.	32.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/29/65-10/09/80	113	178.	192.602	1720.	69.	22279.867	149.264	137.	157.5	206.	223.2
00300p	OXYGEN, DISSOLVED MG/L	04/23/64-10/09/80	137	10.4	10.396	15.1	5.2	6.671	2.583	6.8	8.2	12.65	13.82
00303	BOD, 1DAY, 20 DEG C MG/L	04/21/75-10/09/80	36	0.5	0.499	1.5	0.05	0.121	0.348	0.05	0.225	0.675	0.93
00305	BOD, 3 DAY, 20 DEG C MG/L	04/21/75-09/11/80	12	1.2	1.308	2.5	0.4	0.399	0.632	0.43	0.925	1.925	2.35
00310p	BOD, 5 DAY, 20 DEG C MG/L	04/23/64-10/09/80	107	1.6	1.869	19.	0.05	3.54	1.881	0.88	1.2	2.1	2.7
00315	BOD, 7 DAY, 20 DEG C MG/L	04/23/69-10/09/80	64	1.8	1.897	4.4	0.2	0.648	0.805	0.95	1.3	2.375	3.
00335	COD, .025N K2CR2O7 MG/L	03/29/65-06/16/77	92	6.	7.949	48.6	0.	59.279	7.699	1.	3.	9.925	18.21
00340	COD, .25N K2CR2O7 MG/L	06/28/78-10/09/80	19	8.	9.527	34.	0.005	84.702	9.203	2.	2.	12.	30.
00400p	PH (STANDARD UNITS)	04/23/64-10/09/80	133	7.8	7.837	8.8	7.1	0.148	0.385	7.4	7.6	8.	8.46
00400p	CONVERTED PH (STANDARD UNITS)	04/23/64-10/09/80	133	7.8	7.695	8.8	7.1	0.168	0.41	7.4	7.6	8.	8.46
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/64-10/09/80	133	0.016	0.02	0.079	0.002	0.	0.016	0.003	0.01	0.025	0.04
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/28/78-10/09/80	19	76.	78.316	106.	54.	219.895	14.829	61.	66.	93.	98.
00420	ALKALINITY, HYDROXIDE (MG/L AS CACO3)	04/23/69-09/29/70	19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	10/24/66-05/26/77	64	77.	76.438	144.	30.	358.123	18.924	51.	66.	87.75	96.5
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	04/23/69-09/29/70	19	0.	0.	0.	0.	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

Parameter Inventory for Station: SARA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00436	ACIDITY, MINERAL (METHYL ORANGE) (MG/L AS CACO3)	07/27/78-07/27/78	1	101.	101.	101.	101.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	03/29/65-10/16/73	77	134.	147.831	637.	51.	5050.984	71.07	95.6	109.	170.5	215.2
00510	RESIDUE, TOTAL FIXED (MG/L)	09/21/65-09/03/74	76	94.	96.421	510.	27.	3106.007	55.732	52.7	73.5	112.5	130.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/21/65-10/09/80	109	8.	11.931	74.	0.5	135.511	11.641	2.	4.	16.5	25.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/26/75-09/11/80	24	2.	2.542	6.	0.5	3.216	1.793	0.5	1.	4.	6.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10/24/66-09/11/80	82	3.5	6.28	42.	0.	65.488	8.092	0.5	1.	8.25	16.
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/21/65-09/09/76	84	0.17	0.217	1.14	0.	0.037	0.193	0.	0.103	0.303	0.44
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/29/65-10/09/80	113	0.07	0.184	2.33	0.	0.087	0.295	0.009	0.021	0.255	0.498
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/21/65-10/09/80	102	0.005	0.031	2.5	0.	0.061	0.247	0.	0.002	0.008	0.015
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/29/65-09/09/76	90	0.395	0.418	1.07	0.	0.056	0.237	0.134	0.25	0.583	0.72
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/26/75-08/14/80	20	0.245	0.274	0.56	0.11	0.017	0.129	0.122	0.173	0.383	0.485
00629	NITROGEN, ORGANIC KJELDAHL, TOTAL (MG/L AS N)	09/09/76-09/09/76	1	0.16	0.16	0.16	0.16	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/26/77-10/09/80	21	0.4	0.42	0.8	0.1	0.025	0.158	0.281	0.3	0.505	0.686
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/16/73-09/09/76	14	0.17	0.199	0.59	0.04	0.02	0.142	0.05	0.113	0.265	0.45
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/29/65-09/14/71	76	0.07	0.112	0.56	0.	0.011	0.107	0.02	0.05	0.14	0.293
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/29/75-10/09/80	32	0.005	0.006	0.02	0.001	0.	0.006	0.001	0.001	0.006	0.02
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	03/29/65-10/09/80	82	88.	86.183	118.	36.	353.608	18.804	60.6	76.	102.	109.7
00916	CALCIUM, TOTAL (MG/L AS CA)	03/29/65-10/16/73	77	25.	25.171	37.	13.	25.821	5.081	18.	22.	28.95	32.
00927	MAGNESIUM, TOTAL (MG/L AS MG)	09/21/65-10/16/73	75	5.6	5.964	19.1	1.7	6.45	2.54	3.42	4.2	7.	8.28
00929	SODIUM, TOTAL (MG/L AS NA)	03/29/65-10/16/73	76	3.2	3.589	9.8	1.	2.918	1.708	2.	2.525	4.075	6.06
00937	POTASSIUM, TOTAL MG/L AS K)	03/29/65-10/16/73	77	0.8	0.81	1.7	0.2	0.091	0.302	0.4	0.6	1.	1.2
00940p	CHLORIDE,TOTAL IN WATER MG/L	03/29/65-10/09/80	113	5.	5.3	18.	0.5	4.055	2.014	3.	4.	6.	7.
00945	SULFATE, TOTAL (MG/L AS SO4)	09/21/65-10/16/73	75	12.	13.2	32.	5.	18.432	4.293	9.	11.	15.	17.4
00951	FLUORIDE, TOTAL (MG/L AS F)	04/23/69-10/16/73	30	0.01	0.035	0.3	0.	0.004	0.065	0.	0.	0.05	0.079
01045	IRON, TOTAL (UG/L AS FE)	03/29/65-09/14/71	75	70.	83.067	370.	0.	4062.09	63.735	20.	30.	110.	174.
01055	MANGANESE, TOTAL (UG/L AS MN)	03/29/65-10/16/73	67	10.	17.164	70.	0.	272.139	16.497	0.	0.	30.	40.
01067	NICKEL, TOTAL (UG/L AS NI)	06/19/80-06/19/80	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/09/71-10/09/80	59	2200.	6444.576	170000.	0.	512109639.041	22629.84	500.	800.	3600.	9400.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/09/71-10/09/80	59	3.342	3.277	5.23	0.	0.437	0.661	2.699	2.903	3.556	3.973
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1893.36								
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	04/23/64-09/14/71	76	1100.	2287.763	16000.	50.	9669457.596	3109.575	170.	500.	2850.	5530.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	04/23/64-09/14/71	76	3.041	3.035	4.204	1.699	0.329	0.574	2.211	2.699	3.455	3.743
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			1084.764								
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	06/26/67-04/23/69	10	2300.	2280.	4000.	400.	1672888.889	1293.402	450.	975.	3725.	3980.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	06/26/67-04/23/69	10	3.358	3.268	3.602	2.602	0.107	0.327	2.637	2.989	3.571	3.6
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			1855.31								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	10/29/75-10/09/80	31	260.	564.516	4300.	30.	1047032.258	1023.246	60.	140.	380.	948.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	10/29/75-10/09/80	31	2.415	2.437	3.633	1.477	0.233	0.482	1.778	2.146	2.58	2.976
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			273.227								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/22/71-09/10/75	28	190.	450.089	3000.	0.	508056.075	712.781	0.45	40.	637.5	1078.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/22/71-09/10/75	28	2.278	2.08	3.477	-0.301	0.91	0.954	-0.271	1.602	2.804	3.007
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			120.194								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	06/22/71-09/03/74	23	80.	207.652	1400.	4.	95124.601	308.423	14.	30.	300.	572.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	06/22/71-09/03/74	23	1.903	1.946	3.146	0.602	0.383	0.619	1.12	1.477	2.477	2.757
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			88.315								
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	06/22/71-09/03/74	23	6500.	25632.174	260000.	200.	3098438354.15	55663.618	316.	1600.	26000.	77800.
31751	LOG PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	06/22/71-09/03/74	23	3.813	3.781	5.415	2.301	0.637	0.798	2.499	3.204	4.415	4.881
31751	GM PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	GEOMETRIC MEAN =			6039.931								
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/26/77-10/09/80	23	0.009	0.012	0.04	0.003	0.	0.009	0.004	0.006	0.02	0.026
74010	IRON, TOTAL (MG/L AS FE)	10/16/73-10/16/73	1	0.13	0.13	0.13	0.13	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: SARA0004

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/20-2/29 Obs	9/20-2/29 Exceed	9/20-2/29 Prop.	3/01-4/30 Obs	3/01-4/30 Exceed	3/01-4/30 Prop.	5/01-6/30 Obs	5/01-6/30 Exceed	5/01-6/30 Prop.	7/01-9/19 Obs	7/01-9/19 Exceed	7/01-9/19 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	117	0	0.00	45	0	0.00	21	0	0.00	22	0	0.00	29	0	0.00
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	22	0	0.00	4	0	0.00	1	0	0.00	8	0	0.00	9	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	137	0	0.00	53	0	0.00	22	0	0.00	27	0	0.00	35	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

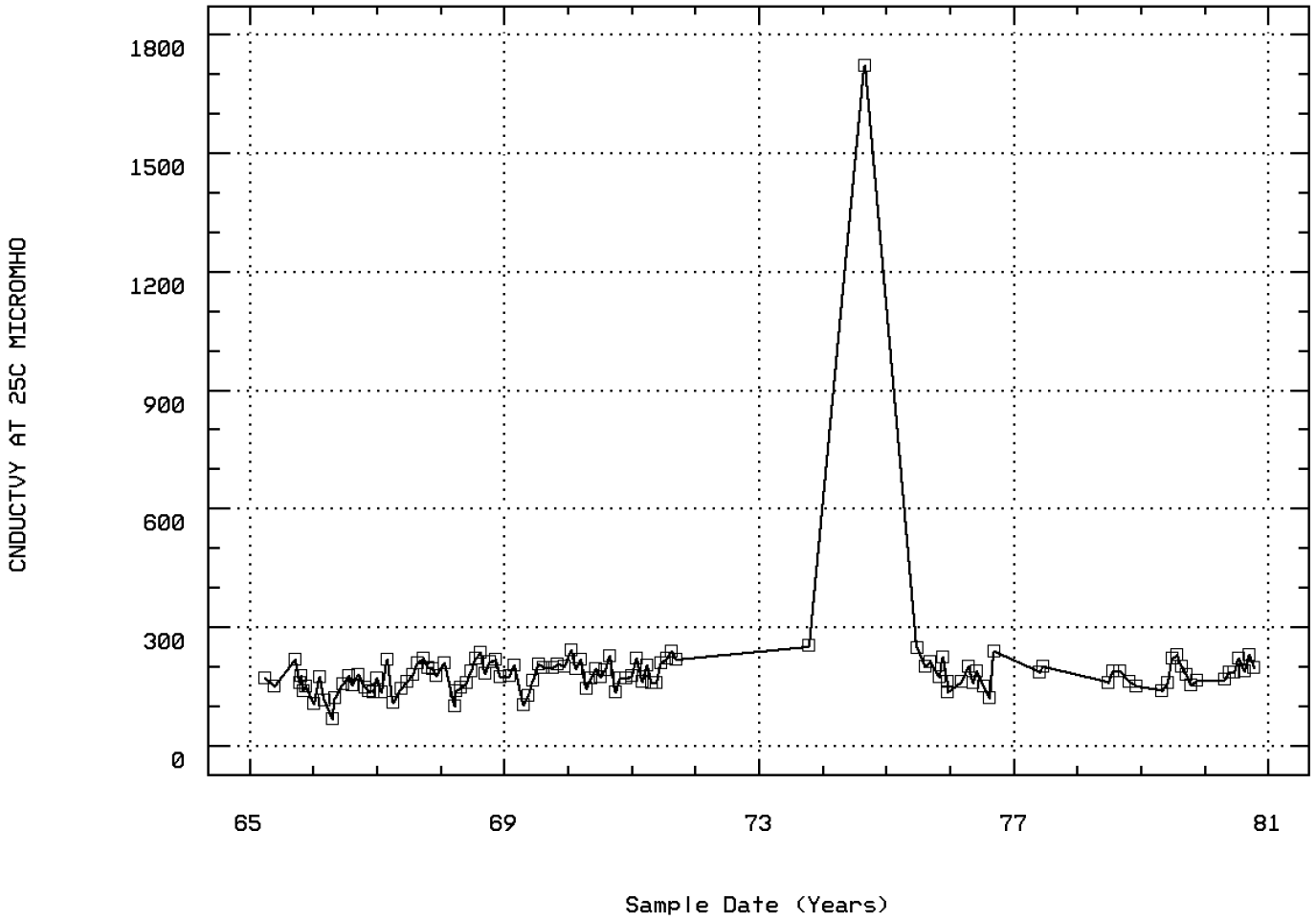
EPA Water Quality Criteria Analysis for Station: SARA0004

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/20-2/29 Obs	9/20-2/29 Exceed	9/20-2/29 Prop.	3/01-4/30 Obs	3/01-4/30 Exceed	3/01-4/30 Prop.	5/01-6/30 Obs	5/01-6/30 Exceed	5/01-6/30 Prop.	7/01-9/19 Obs	7/01-9/19 Exceed	7/01-9/19 Prop.
00400	PH	Other-Hi Lim.	9.	133	0	0.00	51	0	0.00	22	0	0.00	26	0	0.00	34	0	0.00
		Other-Lo Lim.	6.5	133	0	0.00	51	0	0.00	22	0	0.00	26	0	0.00	34	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	101 &	0	0.00	39	0	0.00	16	0	0.00	19	0	0.00	27	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	90	0	0.00	36	0	0.00	16	0	0.00	16	0	0.00	22	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	21	0	0.00	5	0	0.00	1	0	0.00	7	0	0.00	8	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	113	0	0.00	42	0	0.00	17	0	0.00	24	0	0.00	30	0	0.00
		Drinking Water	250.	113	0	0.00	42	0	0.00	17	0	0.00	24	0	0.00	30	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	75	0	0.00	33	0	0.00	13	0	0.00	12	0	0.00	17	0	0.00
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	30	0	0.00	10	0	0.00	6	0	0.00	5	0	0.00	9	0	0.00
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	59	44	0.75	17	13	0.76	6	2	0.33	16	11	0.69	20	18	0.90
31503	COLIFORM,TOT,MEMBRANE FILTR,DELAY. M-END	Other-Hi Lim.	1000.	76	42	0.55	33	21	0.64	14	2	0.14	14	7	0.50	15	12	0.80
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	10	8	0.80	3	2	0.67	2	1	0.50	1	1	1.00	4	4	1.00
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	31	22	0.71	9	6	0.67	2	0	0.00	10	8	0.80	10	8	0.80
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	28	14	0.50	6	4	0.67	4	3	0.75	7	2	0.29	11	5	0.45

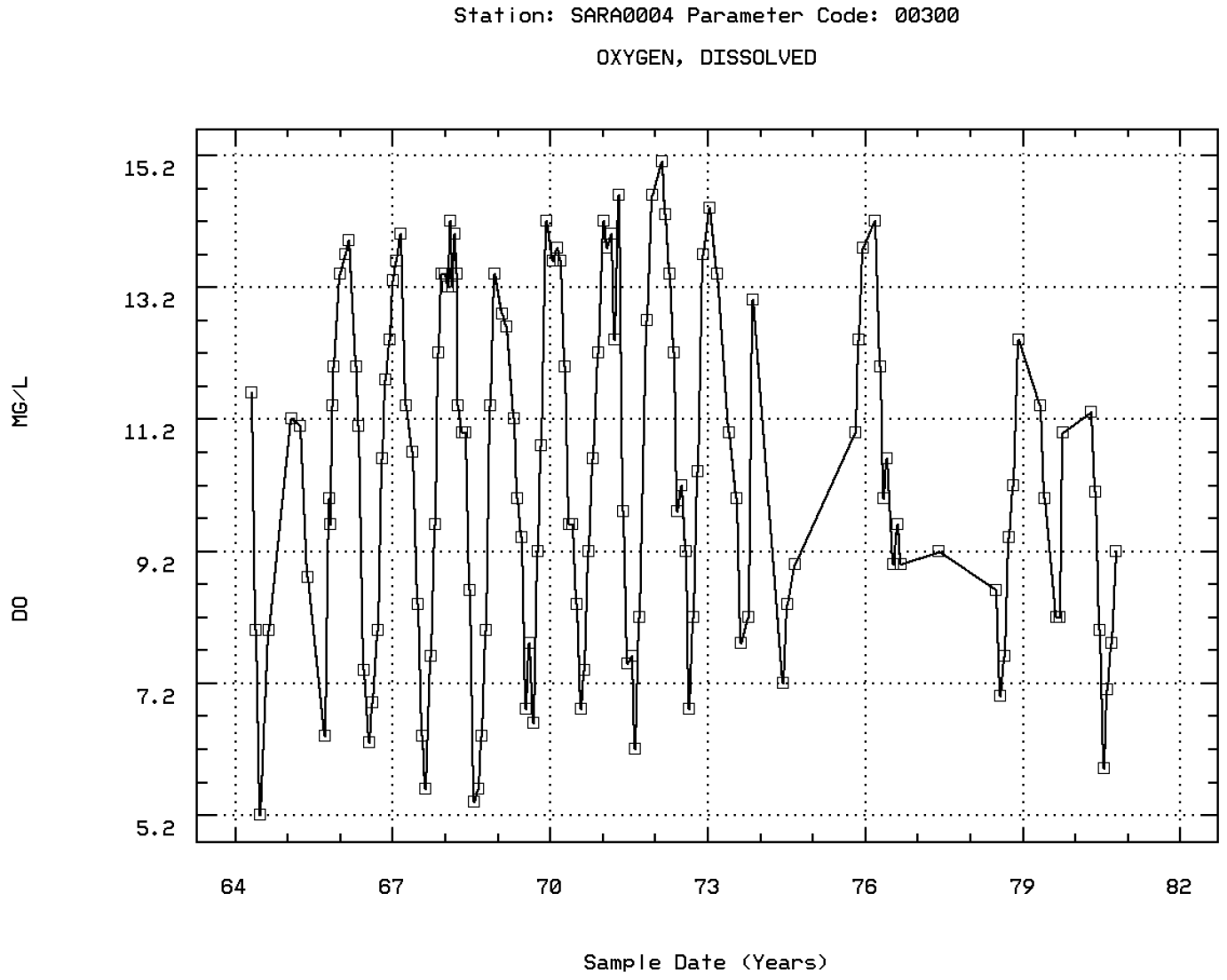
& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station: SARA0004 Parameter Code: 00095

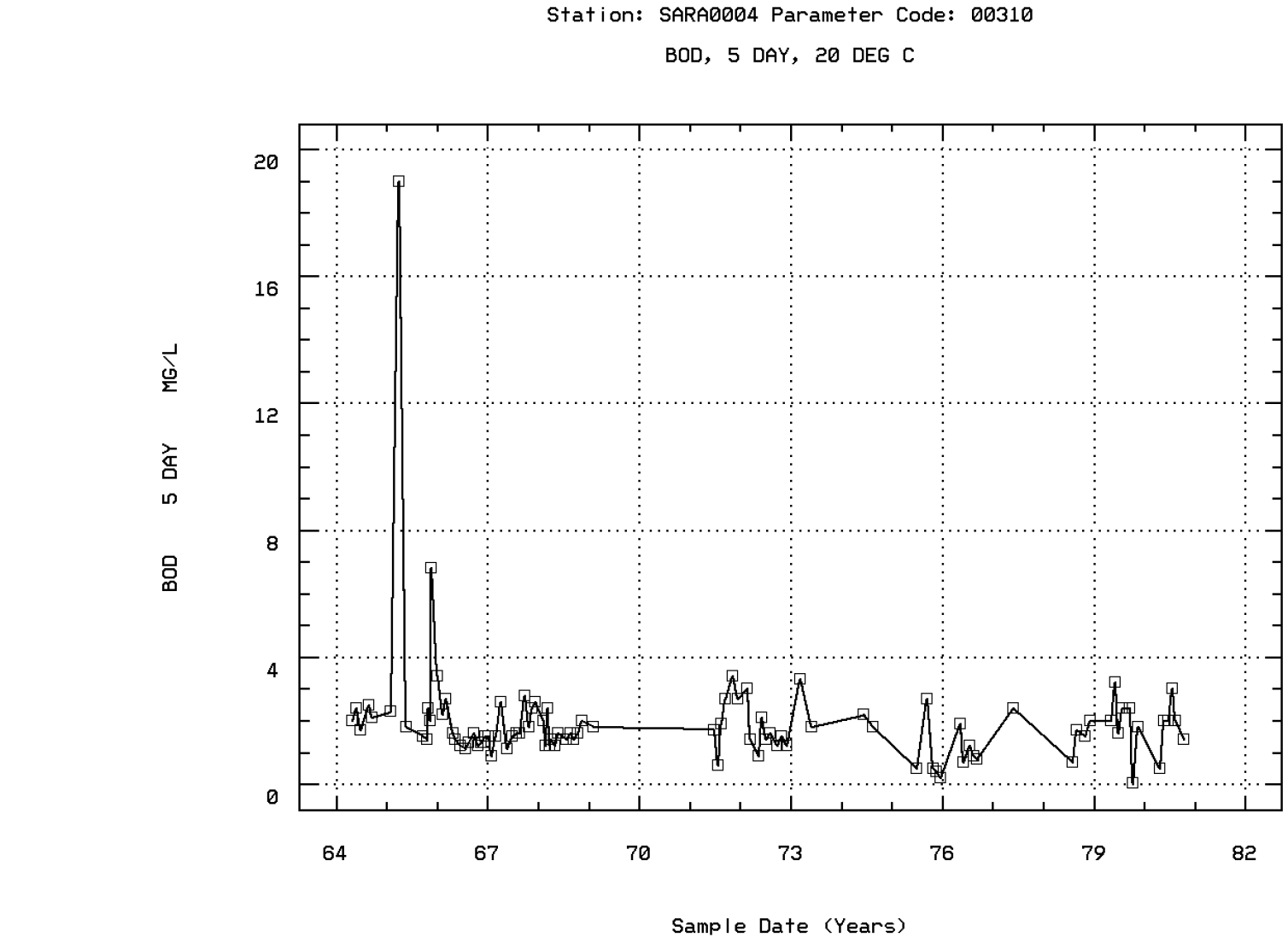
SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)



BATTENKILL CREEK



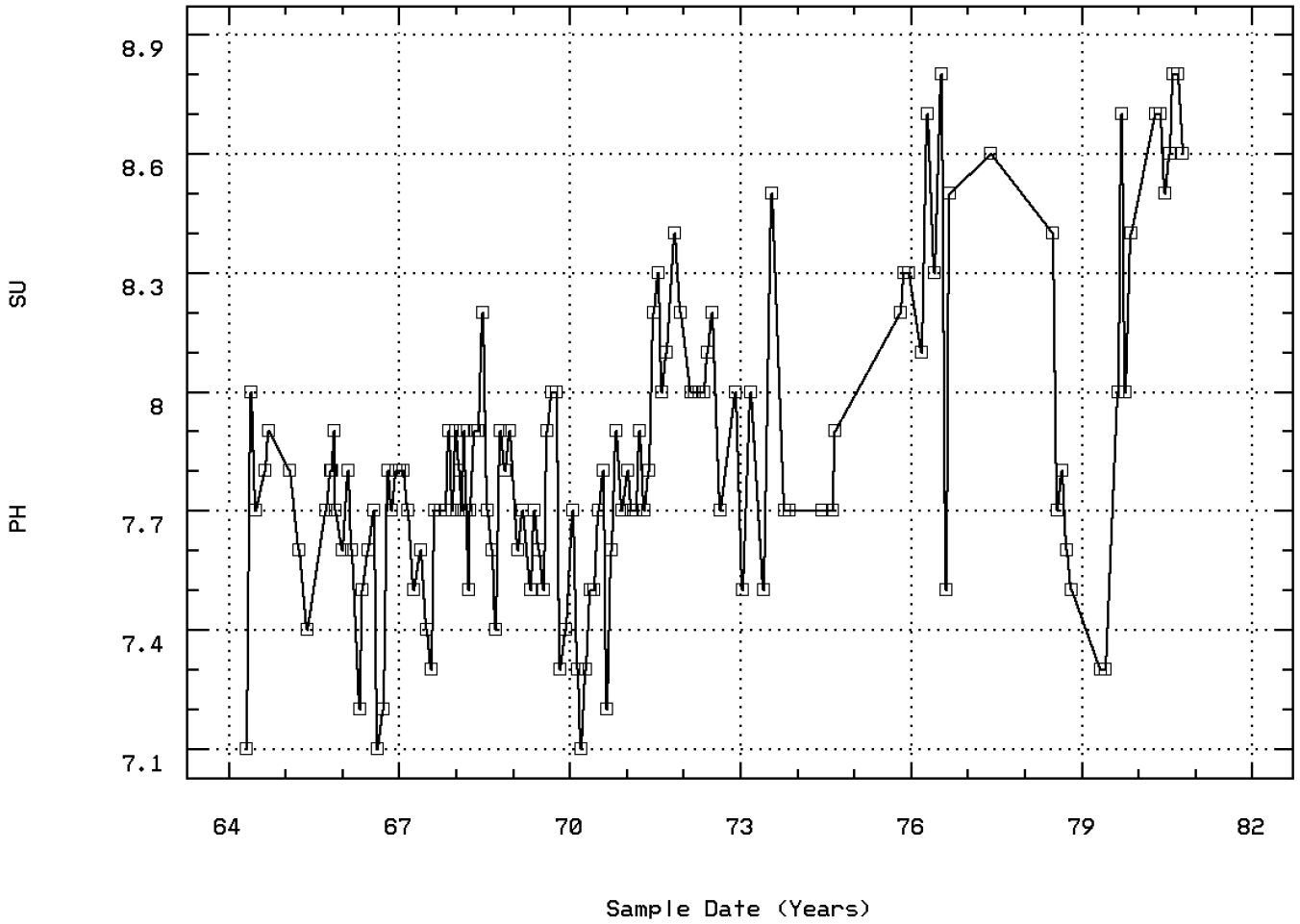
BATTENKILL CREEK



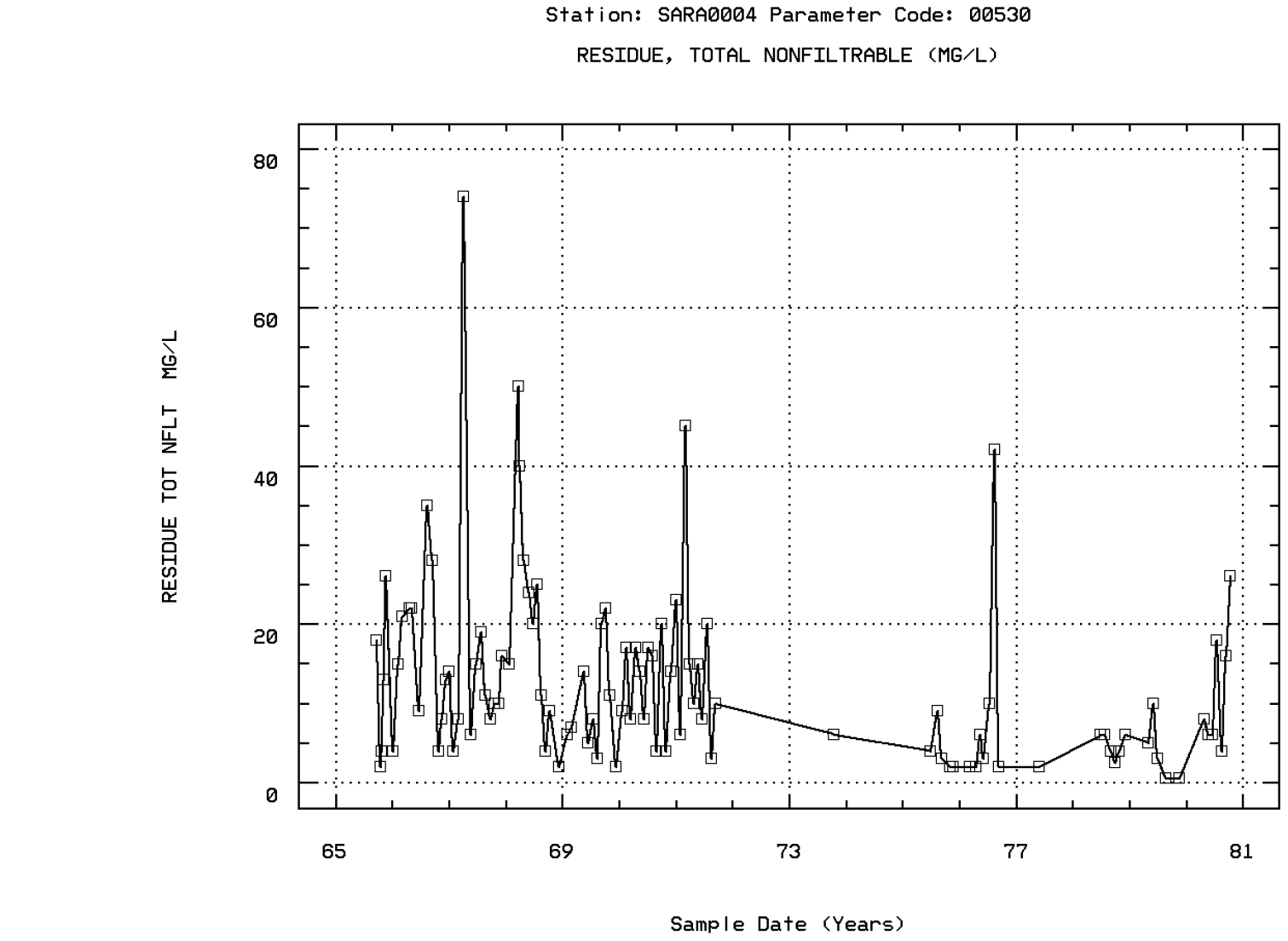
BATTENKILL CREEK

Station: SARA0004 Parameter Code: 00400

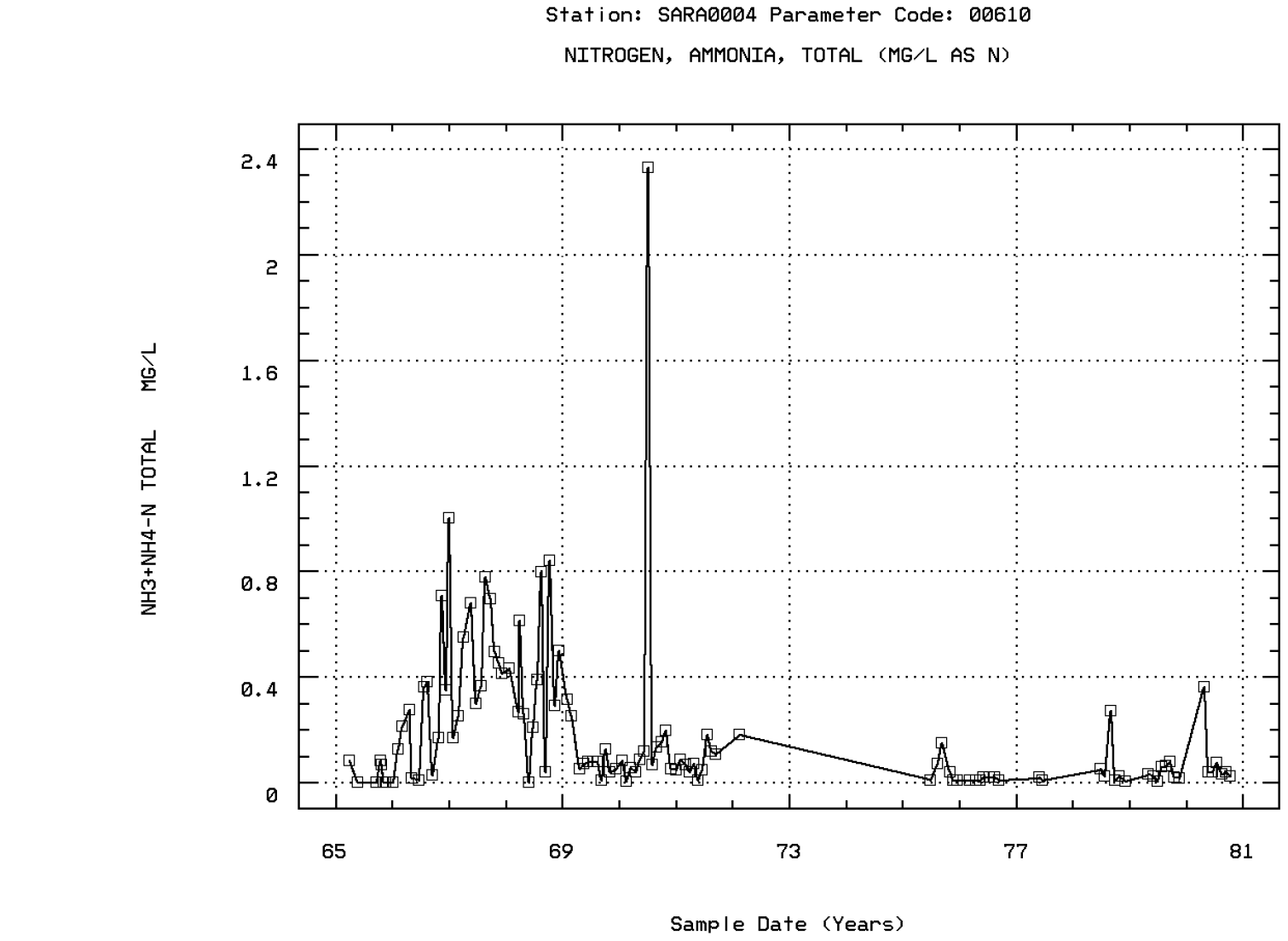
PH (STANDARD UNITS)



BATTENKILL CREEK



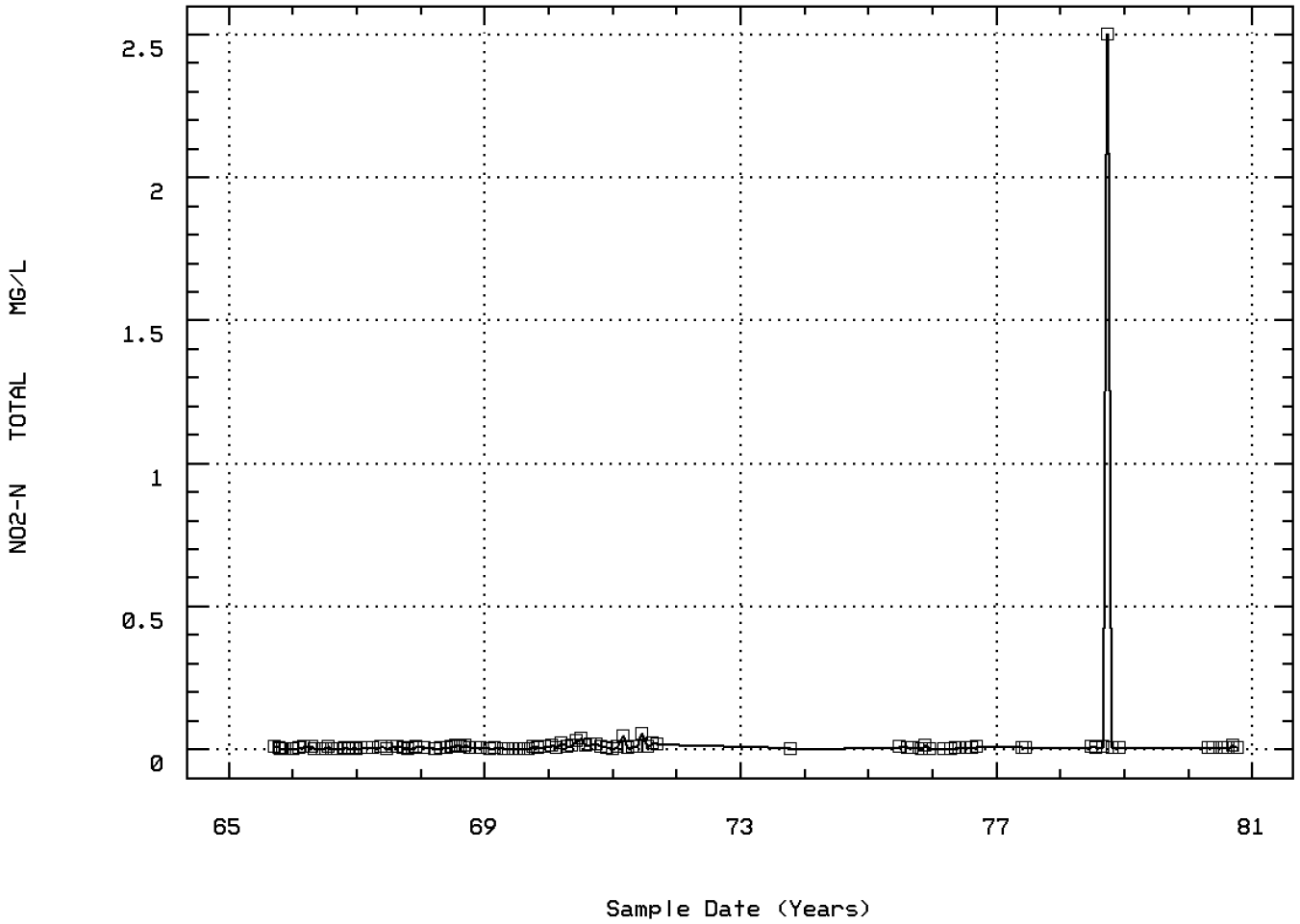
BATTENKILL CREEK



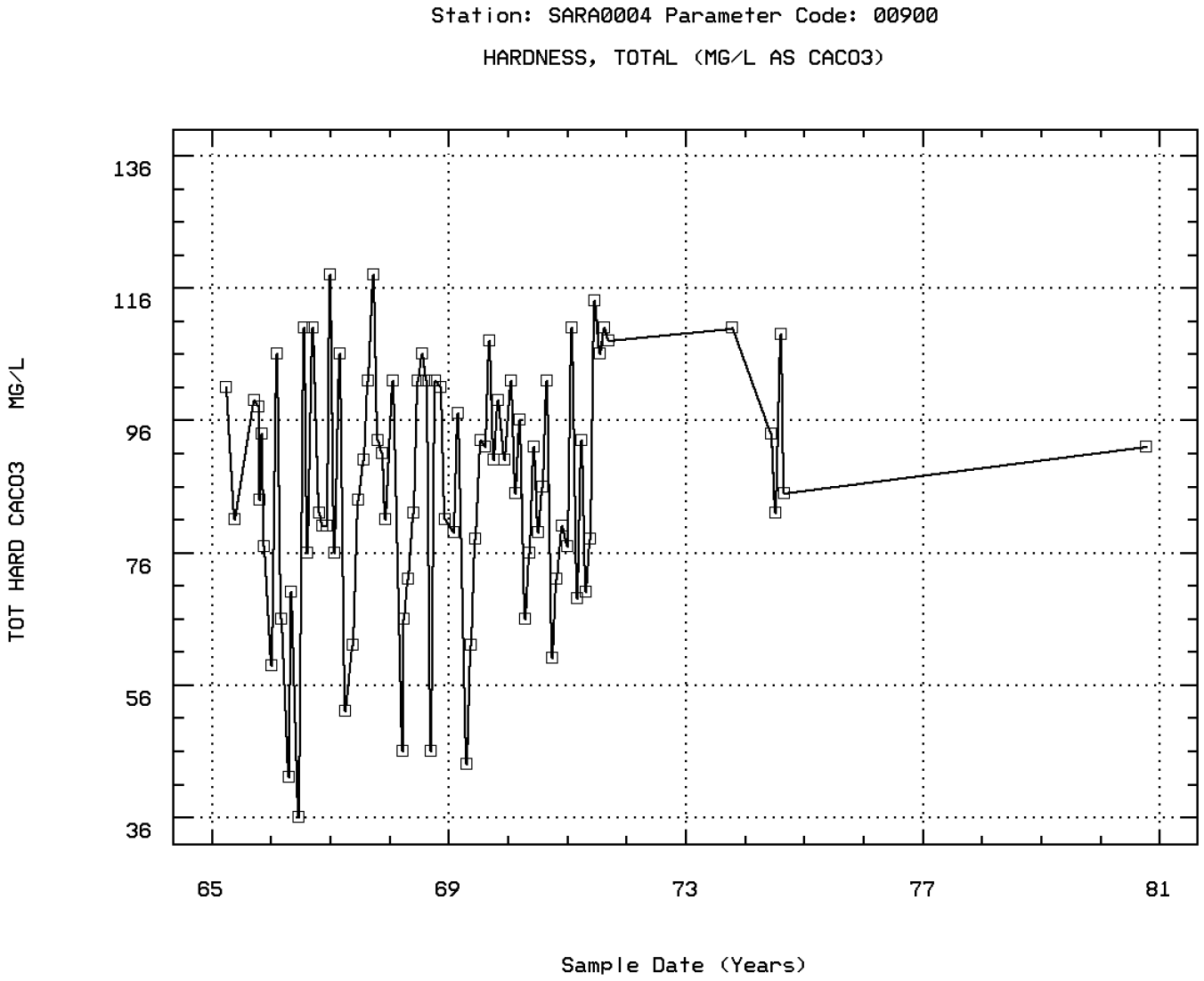
BATTENKILL CREEK

Station: SARA0004 Parameter Code: 00615

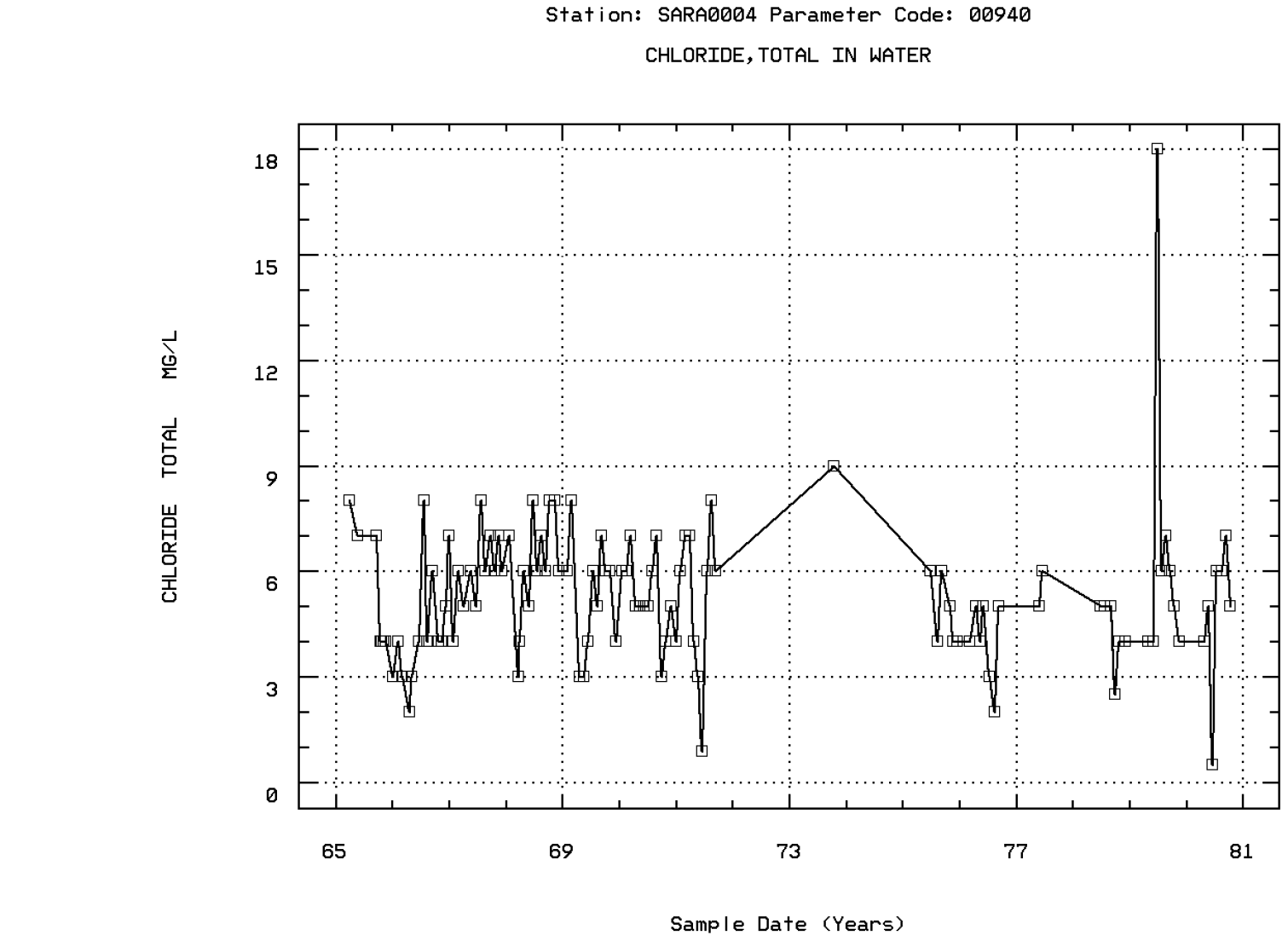
NITRITE NITROGEN, TOTAL (MG/L AS N)



BATTENKILL CREEK



BATTENKILL CREEK



BATTENKILL CREEK

Annual Analysis for 1964 - Station SARA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/23/64-10/09/80	5	19.	18.4	24.	9.	33.3	5.771	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/23/64-09/09/76	5	6.	10.4	19.	5.	48.8	6.986	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	04/23/64-09/14/71	5	15.	16.4	30.	10.	62.3	7.893	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/23/64-10/09/80	4	8.	8.2	11.6	5.2	6.88	2.623	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	04/23/64-10/09/80	5	2.1	2.14	2.5	1.7	0.103	0.321	**	**	**	**
00400	PH (STANDARD UNITS)	04/23/64-10/09/80	5	7.8	7.7	8.	7.1	0.125	0.354	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/23/64-10/09/80	5	7.8	7.56	8.	7.1	0.15	0.387	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/64-10/09/80	5	0.016	0.028	0.079	0.01	0.001	0.029	**	**	**	**
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	04/23/64-09/14/71	5	2600.	2382.	5500.	210.	4196120.	2048.443	**	**	**	**
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	04/23/64-09/14/71	5	3.415	3.173	3.74	2.322	0.305	0.552	**	**	**	**
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			1488.101								

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

Annual Analysis for 1965 - Station SARA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/23/64-10/09/80	8	8.	8.375	20.	2.	33.411	5.78	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/23/64-09/09/76	8	6.5	7.5	15.	5.	10.571	3.251	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	04/23/64-09/14/71	8	15.	18.75	35.	5.	91.071	9.543	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/29/65-10/09/80	7	160.	166.571	218.	140.	680.952	26.095	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/23/64-10/09/80	8	10.55	10.063	12.	6.4	3.306	1.818	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	04/23/64-10/09/80	8	2.15	4.65	19.	1.4	36.68	6.056	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	03/29/65-06/16/77	7	18.3	21.271	48.6	5.9	216.336	14.708	**	**	**	**
00400	PH (STANDARD UNITS)	04/23/64-10/09/80	8	7.75	7.712	7.9	7.4	0.024	0.155	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/23/64-10/09/80	8	7.747	7.686	7.9	7.4	0.025	0.158	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/64-10/09/80	8	0.018	0.021	0.04	0.013	0.	0.009	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	03/29/65-10/16/73	7	132.	212.571	637.	100.	37060.952	192.512	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	09/21/65-09/03/74	5	133.	184.8	510.	29.	34931.2	186.899	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/21/65-10/09/80	5	13.	12.6	26.	2.	98.8	9.94	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/21/65-09/09/76	5	0.09	0.284	0.94	0.01	0.15	0.387	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/29/65-10/09/80	7	0.	0.033	0.083	0.	0.002	0.042	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/21/65-10/09/80	5	0.	0.003	0.008	0.	0.	0.004	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/29/65-09/09/76	7	0.3	0.26	0.5	0.	0.04	0.2	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/29/65-09/14/71	7	0.02	0.1	0.56	0.001	0.042	0.204	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/29/65-10/09/80	7	94.	90.571	101.	77.	94.286	9.71	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	03/29/65-10/16/73	7	22.4	23.671	28.2	21.2	6.612	2.571	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	09/21/65-10/16/73	5	6.9	8.74	19.1	4.5	36.083	6.007	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	03/29/65-10/16/73	6	6.	5.333	9.	1.	10.667	3.266	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	03/29/65-10/16/73	7	0.9	0.871	1.	0.7	0.012	0.111	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/29/65-10/09/80	7	4.	5.429	8.	4.	3.286	1.813	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/21/65-10/16/73	5	13.	12.2	14.	10.	4.2	2.049	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	03/29/65-09/14/71	7	110.	140.	370.	90.	10433.333	102.144	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	03/29/65-10/16/73	7	20.	18.571	40.	0.	280.952	16.762	**	**	**	**
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	04/23/64-09/14/71	8	775.	2656.25	16000.	100.	29552455.357	5436.217	**	**	**	**
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	04/23/64-09/14/71	8	2.889	2.856	4.204	2.	0.515	0.718	**	**	**	**
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			718.032								

** - 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

Annual Analysis for 1966 - Station SARA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/23/64-10/09/80	12	9.	10.833	23.	0.	55.97	7.481	0.6	4.	17.5	22.1
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/23/64-09/09/76	12	5.5	5.083	8.	2.	3.72	1.929	2.	4.	6.75	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 1966 - Station SARA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00080	COLOR (PLATINUM-COBALT UNITS)	04/23/64-09/14/71	12	16.5	19.083	35.	12.	59.902	7.74	12.	12.	24.5	33.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/29/65-10/09/80	12	143.5	139.583	180.	69.	1102.265	33.2	79.8	115.5	170.5	179.4
00300	OXYGEN, DISSOLVED MG/L	04/23/64-10/09/80	12	11.45	10.625	13.9	6.3	7.673	2.77	6.48	7.55	13.15	13.84
00310	BOD, 5 DAY, 20 DEG C MG/L	04/23/64-10/09/80	12	1.45	1.708	3.4	1.1	0.497	0.705	1.13	1.225	2.05	3.19
00335	COD, .025N K2CR2O7 MG/L	03/29/65-06/16/77	12	10.15	10.508	21.2	1.	46.395	6.811	1.84	4.45	16.575	20.81
00400	PH (STANDARD UNITS)	04/23/64-10/09/80	12	7.6	7.55	7.8	7.1	0.063	0.25	7.13	7.275	7.775	7.8
00400	CONVERTED PH (STANDARD UNITS)	04/23/64-10/09/80	12	7.6	7.477	7.8	7.1	0.069	0.262	7.13	7.275	7.775	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/64-10/09/80	12	0.025	0.033	0.079	0.016	0.	0.022	0.016	0.017	0.055	0.075
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	10/24/66-05/26/77	1	67.	67.	67.	67.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	03/29/65-10/16/73	12	104.5	113.667	180.	51.	1724.061	41.522	58.8	82.	149.25	179.4
00510	RESIDUE, TOTAL FIXED (MG/L)	09/21/65-09/03/74	12	70.	69.417	137.	27.	1029.356	32.084	27.6	41.75	89.	125.9
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/21/65-10/09/80	12	14.	15.167	35.	1.	111.788	10.573	1.9	5.	22.	32.9
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10/24/66-09/11/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/21/65-09/09/76	12	0.195	0.187	0.54	0.	0.03	0.174	0.	0.	0.303	0.492
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/29/65-10/09/80	12	0.191	0.22	0.708	0.	0.044	0.21	0.003	0.019	0.357	0.61
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/21/65-10/09/80	12	0.002	0.003	0.008	0.	0.	0.004	0.	0.	0.008	0.008
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/29/65-09/09/76	12	0.265	0.348	0.74	0.08	0.043	0.208	0.107	0.175	0.523	0.692
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/29/65-09/14/71	12	0.065	0.101	0.23	0.	0.005	0.071	0.012	0.053	0.163	0.218
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/29/65-10/09/80	12	78.	76.417	110.	36.	587.174	24.232	37.8	60.75	100.	110.
00916	CALCIUM, TOTAL (MG/L AS CA)	03/29/65-10/16/73	12	24.	23.483	32.8	13.2	32.505	5.701	14.43	18.125	28.275	31.87
00927	MAGNESIUM, TOTAL (MG/L AS MG)	09/21/65-10/16/73	12	4.6	5.683	12.1	3.5	6.325	2.515	3.59	4.05	7.225	10.93
00929	SODIUM, TOTAL (MG/L AS NA)	03/29/65-10/16/73	12	2.85	2.808	6.	1.	2.15	1.466	1.	2.	3.	5.7
00937	POTASSIUM, TOTAL MG/L AS K)	03/29/65-10/16/73	12	0.6	0.692	1.2	0.2	0.146	0.382	0.23	0.4	1.175	1.2
00940	CHLORIDE,TOTAL IN WATER MG/L	03/29/65-10/09/80	12	4.	4.167	8.	2.	2.515	1.586	2.3	3.	4.75	7.4
00945	SULFATE, TOTAL (MG/L AS SO4)	09/21/65-10/16/73	12	18.	19.333	32.	12.	34.97	5.914	12.9	15.	22.	30.8
01045	IRON, TOTAL (UG/L AS FE)	03/29/65-09/14/71	12	100.	119.167	230.	50.	2735.606	52.303	59.	80.	162.5	215.
01055	MANGANESE, TOTAL (UG/L AS MN)	03/29/65-10/16/73	12	30.	32.5	70.	0.	547.727	23.404	3.	12.5	55.	70.
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	04/23/64-09/14/71	12	950.	1407.5	4300.	50.	1639947.727	1280.604	185.	500.	1850.	4030.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	04/23/64-09/14/71	12	2.972	2.95	3.633	1.699	0.257	0.507	1.999	2.699	3.267	3.603
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			890.701								

** - Less than 9 observations ## - Computed with 50% or 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 SARA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/23/64-10/09/80	12	9.	9.333	22.	1.	64.606	8.038	1.	1.25	17.5	21.7
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/23/64-09/09/76	12	4.5	7.25	28.	2.	66.75	8.17	2.	2.25	6.75	25.6
00080	COLOR (PLATINUM-COBALT UNITS)	04/23/64-09/14/71	12	13.	15.167	32.	5.	67.061	8.189	5.6	8.75	19.5	30.8
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/29/65-10/09/80	12	179.	176.833	220.	109.	1173.97	34.263	117.4	149.25	205.75	219.7
00300	OXYGEN, DISSOLVED MG/L	04/23/64-10/09/80	12	11.05	10.517	14.	5.6	8.754	2.959	5.84	7.8	13.375	13.88
00310	BOD, 5 DAY, 20 DEG C MG/L	04/23/64-10/09/80	12	1.6	1.825	2.8	0.9	0.389	0.624	0.96	1.5	2.55	2.74
00335	COD, .025N K2CR2O7 MG/L	03/29/65-06/16/77	12	1.3	2.925	11.6	0.4	11.493	3.39	0.4	0.65	5.25	9.95
00400	PH (STANDARD UNITS)	04/23/64-10/09/80	12	7.7	7.65	7.9	7.3	0.03	0.173	7.33	7.525	7.775	7.87
00400	CONVERTED PH (STANDARD UNITS)	04/23/64-10/09/80	12	7.7	7.616	7.9	7.3	0.031	0.177	7.33	7.525	7.775	7.87
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/64-10/09/80	12	0.02	0.024	0.05	0.013	0.	0.011	0.014	0.017	0.03	0.047
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	10/24/66-05/26/77	6	83.	79.	102.	34.	558.	23.622	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	03/29/65-10/16/73	12	170.5	177.5	284.	110.	1846.818	42.975	120.2	157.	184.5	266.3
00510	RESIDUE, TOTAL FIXED (MG/L)	09/21/65-09/03/74	12	73.	81.167	130.	27.	1027.061	32.048	34.5	56.25	116.	127.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/21/65-10/09/80	12	10.5	16.25	74.	4.	349.659	18.699	4.6	8.	15.75	57.5
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10/24/66-09/11/80	6	6.5	11.667	42.	2.	229.867	15.161	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/21/65-09/09/76	12	0.24	0.288	1.14	0.	0.094	0.306	0.	0.043	0.338	0.936
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/29/65-10/09/80	12	0.473	0.512	1.002	0.17	0.058	0.241	0.194	0.315	0.691	0.935
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/21/65-10/09/80	12	0.004	0.005	0.008	0.001	0.	0.002	0.001	0.002	0.007	0.008
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/29/65-09/09/76	12	0.325	0.379	0.81	0.12	0.039	0.198	0.135	0.23	0.525	0.732
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/29/65-09/14/71	12	0.19	0.201	0.36	0.01	0.011	0.105	0.034	0.14	0.313	0.351
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/29/65-10/09/80	12	90.5	89.417	118.	52.	410.447	20.259	55.	77.25	105.	118.

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Annual Analysis for 1967 - Station SARA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00916	CALCIUM, TOTAL (MG/L AS CA)	03/29/65-10/16/73	12	27.6	26.633	35.1	16.8	30.99	5.567	17.43	22.6	30.8	34.65
00927	MAGNESIUM, TOTAL (MG/L AS MG)	09/21/65-10/16/73	12	5.75	5.375	8.	2.6	3.284	1.812	2.69	3.4	6.95	7.7
00929	SODIUM, TOTAL (MG/L AS NA)	03/29/65-10/16/73	12	4.	3.725	5.	2.	0.915	0.956	2.21	3.	4.6	5.
00937	POTASSIUM, TOTAL MG/L AS K)	03/29/65-10/16/73	12	0.95	0.808	1.	0.4	0.054	0.231	0.43	0.6	1.	1.
00940	CHLORIDE,TOTAL IN WATER MG/L	03/29/65-10/09/80	12	6.	6.083	8.	4.	1.174	1.084	4.3	5.25	7.	7.7
00945	SULFATE, TOTAL (MG/L AS SO4)	09/21/65-10/16/73	12	9.5	11.	18.	5.	22.909	4.786	5.	7.25	16.75	17.7
01045	IRON, TOTAL (UG/L AS FE)	03/29/65-09/14/71	12	110.	114.167	220.	50.	3317.424	57.597	50.	55.	167.5	211.
01055	MANGANESE, TOTAL (UG/L AS MN)	03/29/65-10/16/73	12	10.	16.667	40.	0.	169.697	13.027	0.	10.	30.	37.
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	04/23/64-09/14/71	10	1700.	3586.	15000.	200.	20124182.222	4485.998	226.	565.	5150.	14060.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	04/23/64-09/14/71	10	3.211	3.248	4.176	2.301	0.335	0.579	2.337	2.749	3.711	4.133
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			1770.679								

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Annual Analysis for 1968 - Station SARA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/23/64-10/09/80	16	6.	8.375	24.	0.	73.85	8.594	0.	0.25	16.	21.9
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/23/64-09/09/76	16	2.	4.188	28.	1.	43.896	6.625	1.	1.	4.	14.
00080	COLOR (PLATINUM-COBALT UNITS)	04/23/64-09/14/71	16	15.	15.5	25.	3.	42.933	6.552	4.4	11.25	20.	25.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/29/65-10/09/80	12	186.	182.167	235.	100.	1602.515	40.031	112.	150.5	215.75	231.1
00300	OXYGEN, DISSOLVED MG/L	04/23/64-10/09/80	16	11.4	10.85	14.2	5.4	9.507	3.083	5.54	8.15	13.4	14.06
00310	BOD, 5 DAY, 20 DEG C MG/L	04/23/64-10/09/80	16	1.4	1.438	2.4	1.	0.172	0.415	1.	1.05	1.6	2.12
00335	COD, .025N K2CR2O7 MG/L	03/29/65-06/16/77	12	5.9	6.258	14.	0.4	21.659	4.654	0.58	2.35	9.45	13.97
00400	PH (STANDARD UNITS)	04/23/64-10/09/80	16	7.8	7.781	8.2	7.4	0.036	0.191	7.47	7.7	7.9	7.99
00400	CONVERTED PH (STANDARD UNITS)	04/23/64-10/09/80	16	7.8	7.742	8.2	7.4	0.038	0.195	7.47	7.7	7.9	7.99
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/64-10/09/80	16	0.016	0.018	0.04	0.006	0.	0.008	0.011	0.013	0.02	0.034
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	10/24/66-05/26/77	12	79.	79.	110.	42.	375.455	19.377	46.8	65.5	93.	107.3
00500	RESIDUE, TOTAL (MG/L)	03/29/65-10/16/73	12	188.	187.417	228.	134.	984.992	31.385	140.3	157.25	218.5	226.5
00510	RESIDUE, TOTAL FIXED (MG/L)	09/21/65-09/03/74	12	94.5	95.917	142.	65.	423.356	20.576	66.5	81.25	108.75	132.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/21/65-10/09/80	12	17.5	19.083	50.	1.	232.992	15.264	1.3	5.25	27.25	47.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10/24/66-09/11/80	12	6.	9.417	30.	0.	92.992	9.643	0.	2.	14.5	28.5
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/21/65-09/09/76	12	0.285	0.307	0.6	0.	0.048	0.218	0.	0.143	0.51	0.594
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/29/65-10/09/80	12	0.339	0.387	0.84	0.	0.071	0.266	0.012	0.223	0.586	0.827
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/21/65-10/09/80	12	0.005	0.006	0.012	0.	0.	0.004	0.001	0.003	0.009	0.012
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/29/65-09/09/76	12	0.285	0.283	0.63	0.001	0.039	0.197	0.004	0.098	0.393	0.609
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/29/65-09/14/71	12	0.065	0.137	0.43	0.02	0.019	0.137	0.026	0.053	0.26	0.4
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/29/65-10/09/80	12	91.5	84.	106.	46.	494.364	22.234	46.	67.5	102.	104.8
00916	CALCIUM, TOTAL (MG/L AS CA)	03/29/65-10/16/73	12	25.75	25.983	37.	14.	37.929	6.159	15.8	22.5	30.225	35.8
00927	MAGNESIUM, TOTAL (MG/L AS MG)	09/21/65-10/16/73	12	6.	6.283	11.	1.7	9.12	3.02	2.09	3.875	8.85	10.97
00929	SODIUM, TOTAL (MG/L AS NA)	03/29/65-10/16/73	12	3.5	4.175	9.8	1.4	6.249	2.5	1.58	2.125	6.175	8.81
00937	POTASSIUM, TOTAL MG/L AS K)	03/29/65-10/16/73	12	0.9	0.992	1.7	0.4	0.206	0.454	0.4	0.725	1.45	1.7
00940	CHLORIDE,TOTAL IN WATER MG/L	03/29/65-10/09/80	12	6.	6.167	8.	3.	2.515	1.586	3.3	5.25	7.75	8.
00945	SULFATE, TOTAL (MG/L AS SO4)	09/21/65-10/16/73	12	13.	13.333	16.	11.	2.424	1.557	11.3	12.	14.	16.
01045	IRON, TOTAL (UG/L AS FE)	03/29/65-09/14/71	12	90.	95.833	200.	10.	3699.242	60.821	13.	50.	147.5	191.
01055	MANGANESE, TOTAL (UG/L AS MN)	03/29/65-10/16/73	12	20.	18.333	30.	10.	51.515	7.177	10.	10.	20.	30.
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	04/23/64-09/14/71	11	730.	920.909	2400.	100.	445769.091	667.659	144.	400.	1400.	2240.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	04/23/64-09/14/71	11	2.863	2.84	3.38	2.	0.146	0.382	2.101	2.602	3.146	3.345
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			691.768								

** - Less than 9 observations ## - Computed with 50% or 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 SARA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/23/64-10/09/80	10	10.5	10.9	24.	0.	86.544	9.303	0.	0.	20.25	23.7
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/23/64-09/09/76	11	3.	3.227	10.	0.5	8.068	2.84	0.6	1.	3.	9.4
00080	COLOR (PLATINUM-COBALT UNITS)	04/23/64-09/14/71	11	17.	20.636	40.	10.	110.455	10.51	10.	10.	30.	39.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/29/65-10/09/80	10	197.5	178.3	206.	103.	1323.344	36.378	105.3	156.	203.75	206.
00300	OXYGEN, DISSOLVED MG/L	04/23/64-10/09/80	11	10.	10.127	14.2	6.6	6.178	2.486	6.64	7.8	12.6	13.92
00310	BOD, 5 DAY, 20 DEG C MG/L	04/23/64-10/09/80	2	1.4	1.4	1.8	1.	0.32	0.566	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	03/29/65-06/16/77	11	3.	4.164	10.	1.	9.455	3.075	1.16	2.	8.	9.6
00400	PH (STANDARD UNITS)	04/23/64-10/09/80	11	7.6	7.655	8.	7.3	0.055	0.234	7.32	7.5	7.9	8.
00400	CONVERTED PH (STANDARD UNITS)	04/23/64-10/09/80	11	7.6	7.601	8.	7.3	0.058	0.241	7.32	7.5	7.9	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/64-10/09/80	11	0.025	0.025	0.05	0.01	0.	0.013	0.01	0.013	0.032	0.048
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	10/24/66-05/26/77	11	78.	71.091	93.	30.	344.091	18.55	33.6	60.	83.	91.4
00500	RESIDUE, TOTAL (MG/L)	03/29/65-10/16/73	11	123.	118.273	157.	73.	664.818	25.784	74.2	103.	141.	154.2
00510	RESIDUE, TOTAL FIXED (MG/L)	09/21/65-09/03/74	11	103.	93.091	130.	51.	710.291	26.651	52.2	58.	113.	127.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/21/65-10/09/80	10	7.5	9.8	22.	2.	47.511	6.893	2.1	4.5	15.5	21.8
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10/24/66-09/11/80	10	4.5	4.6	9.	1.	8.933	2.989	1.	1.75	7.5	9.
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/21/65-09/09/76	11	0.13	0.128	0.28	0.02	0.006	0.077	0.026	0.06	0.19	0.264
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/29/65-10/09/80	11	0.08	0.105	0.314	0.01	0.009	0.093	0.016	0.05	0.124	0.301
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/21/65-10/09/80	11	0.001	0.003	0.009	0.001	0.	0.003	0.001	0.001	0.006	0.009
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/29/65-09/09/76	11	0.3	0.407	0.97	0.2	0.064	0.252	0.2	0.2	0.59	0.91
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/29/65-09/14/71	11	0.06	0.07	0.13	0.04	0.001	0.028	0.042	0.05	0.08	0.126
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/29/65-10/09/80	11	90.	84.727	108.	44.	332.618	18.238	47.6	78.	97.	106.2
00916	CALCIUM, TOTAL (MG/L AS CA)	03/29/65-10/16/73	11	26.	24.391	32.	13.	28.569	5.345	14.	21.9	27.	31.4
00927	MAGNESIUM, TOTAL (MG/L AS MG)	09/21/65-10/16/73	11	6.	5.309	6.9	2.6	2.279	1.51	2.62	4.	6.4	6.8
00929	SODIUM, TOTAL (MG/L AS NA)	03/29/65-10/16/73	11	3.2	3.155	4.2	1.7	0.579	0.761	1.8	2.7	3.6	4.18
00937	POTASSIUM, TOTAL MG/L AS K)	03/29/65-10/16/73	11	0.8	0.809	1.5	0.5	0.073	0.27	0.52	0.6	0.9	1.4
00940	CHLORIDE,TOTAL IN WATER MG/L	03/29/65-10/09/80	11	6.	5.273	8.	3.	2.618	1.618	3.	4.	6.	7.8
00945	SULFATE, TOTAL (MG/L AS SO4)	09/21/65-10/16/73	11	11.	12.	16.	9.	6.6	2.569	9.	10.	14.	16.
01045	IRON, TOTAL (UG/L AS FE)	03/29/65-09/14/71	11	50.	47.273	90.	10.	801.818	28.316	10.	20.	70.	88.
01055	MANGANESE, TOTAL (UG/L AS MN)	03/29/65-10/16/73	11	0.	2.727	10.	0.	21.818	4.671	0.	0.	10.	10.
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	04/23/64-09/14/71	8	3750.	4975.	12000.	1800.	11859285.714	3443.731	**	**	**	**
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	04/23/64-09/14/71	8	3.574	3.621	4.079	3.255	0.07	0.264	**	**	**	**
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			4179.348								

** - Less than 9 observations ## - Computed with 50% or 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 SARA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/23/64-10/09/80	12	11.5	11.167	23.	0.	67.606	8.222	0.	3.5	19.	21.8
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/23/64-09/09/76	12	2.5	2.583	6.	1.	2.054	1.433	1.	1.25	3.	5.4
00080	COLOR (PLATINUM-COBALT UNITS)	04/23/64-09/14/71	12	15.	15.417	35.	5.	56.629	7.525	6.5	10.	18.75	30.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/29/65-10/09/80	12	183.5	186.583	241.	136.	971.72	31.172	138.7	172.	211.75	236.5
00300	OXYGEN, DISSOLVED MG/L	04/23/64-10/09/80	12	10.1	10.567	13.8	6.8	6.021	2.454	6.98	8.6	13.25	13.74
00335	COD, .025N K2CR2O7 MG/L	03/29/65-06/16/77	12	4.5	6.25	23.	0.	34.932	5.91	0.6	3.	8.	18.8
00400	PH (STANDARD UNITS)	04/23/64-10/09/80	12	7.55	7.525	7.9	7.1	0.064	0.253	7.13	7.3	7.7	7.87
00400	CONVERTED PH (STANDARD UNITS)	04/23/64-10/09/80	12	7.547	7.457	7.9	7.1	0.069	0.263	7.13	7.3	7.7	7.87
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/64-10/09/80	12	0.028	0.035	0.079	0.013	0.	0.021	0.014	0.02	0.05	0.075
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	10/24/66-05/26/77	12	71.	71.75	95.	48.	187.114	13.679	49.2	65.25	81.25	92.6
00500	RESIDUE, TOTAL (MG/L)	03/29/65-10/16/73	12	109.5	113.083	132.	98.	151.72	12.317	98.3	102.25	127.75	131.1
00510	RESIDUE, TOTAL FIXED (MG/L)	09/21/65-09/03/74	12	91.	91.917	111.	75.	115.902	10.766	76.8	82.5	99.	109.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/21/65-10/09/80	12	14.	12.333	20.	4.	30.061	5.483	4.	8.	17.	19.1
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10/24/66-09/11/80	11	4.	5.636	14.	2.	18.255	4.273	2.	2.	9.	13.6
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/21/65-09/09/76	11	0.13	0.158	0.33	0.03	0.008	0.089	0.038	0.09	0.22	0.318
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/29/65-10/09/80	12	0.084	0.276	2.33	0.003	0.421	0.649	0.014	0.051	0.147	1.69
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/21/65-10/09/80	12	0.013	0.015	0.036	0.003	0.	0.01	0.003	0.008	0.021	0.034
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/29/65-09/09/76	12	0.46	0.508	1.07	0.3	0.05	0.224	0.303	0.328	0.617	0.965
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/29/65-09/14/71	12	0.055	0.06	0.14	0.04	0.001	0.029	0.04	0.04	0.068	0.122

** - Less than 9 observations ## - Computed with 50% or 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 SARA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/29/65-10/09/80	12	82.5	83.	102.	60.	181.636	13.477	61.8	73.	95.	102.
00916	CALCIUM, TOTAL (MG/L AS CA)	03/29/65-10/16/73	12	24.	24.25	29.	18.	13.114	3.621	18.3	22.25	27.75	29.
00927	MAGNESIUM, TOTAL (MG/L AS MG)	09/21/65-10/16/73	12	5.45	5.425	7.1	3.8	1.169	1.081	3.89	4.45	6.2	7.1
00929	SODIUM, TOTAL (MG/L AS NA)	03/29/65-10/16/73	12	3.	3.1	4.1	2.4	0.342	0.585	2.4	2.5	3.55	4.04
00937	POTASSIUM, TOTAL MG/L AS K)	03/29/65-10/16/73	12	0.6	0.65	0.8	0.6	0.005	0.067	0.6	0.6	0.7	0.77
00940	CHLORIDE,TOTAL IN WATER MG/L	03/29/65-10/09/80	12	5.	5.333	7.	3.	1.333	1.155	3.3	5.	6.	7.
00945	SULFATE, TOTAL (MG/L AS SO4)	09/21/65-10/16/73	12	12.	12.	14.	9.	2.	1.414	9.6	11.	13.	14.
01045	IRON, TOTAL (UG/L AS FE)	03/29/65-09/14/71	12	30.	37.5	110.	0.	965.909	31.079	3.	20.	62.5	98.
01055	MANGANESE, TOTAL (UG/L AS MN)	03/29/65-10/16/73	11	10.	12.727	40.	0.	221.818	14.894	0.	0.	20.	40.
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	04/23/64-09/14/71	12	925.	1616.667	5600.	50.	3455606.061	1858.926	65.	250.	2275.	5390.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	04/23/64-09/14/71	12	2.965	2.874	3.748	1.699	0.413	0.643	1.789	2.376	3.357	3.731
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			748.015								

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Annual Analysis for 1971 - Station SARA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/23/64-10/09/80	10	10.5	12.55	26.	1.	100.247	10.012	1.1	3.5	22.625	25.7
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/23/64-09/09/76	12	2.85	3.092	7.5	0.5	3.739	1.934	0.65	1.575	3.95	6.84
00080	COLOR (PLATINUM-COBALT UNITS)	04/23/64-09/14/71	10	11.5	11.3	18.	5.	25.567	5.056	5.	5.	15.5	17.9
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/29/65-10/09/80	10	206.5	197.1	240.	159.	894.767	29.913	159.1	162.25	220.25	238.1
00300	OXYGEN, DISSOLVED MG/L	04/23/64-10/09/80	12	12.55	11.3	14.6	6.2	10.264	3.204	6.59	7.75	14.15	14.6
00310	BOD, 5 DAY, 20 DEG C MG/L	04/23/64-10/09/80	6	2.3	2.167	3.4	0.6	0.967	0.983	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	03/29/65-06/16/77	10	8.	9.83	26.	0.3	60.2	7.759	0.47	4.25	14.25	25.2
00400	PH (STANDARD UNITS)	04/23/64-10/09/80	12	7.95	7.983	8.4	7.7	0.063	0.252	7.7	7.725	8.2	8.37
00400	CONVERTED PH (STANDARD UNITS)	04/23/64-10/09/80	12	7.947	7.922	8.4	7.7	0.067	0.26	7.7	7.725	8.2	8.37
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/64-10/09/80	12	0.011	0.012	0.02	0.004	0.	0.006	0.004	0.006	0.019	0.02
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	10/24/66-05/26/77	10	82.	78.5	98.	54.	308.5	17.564	54.2	60.5	95.	97.7
00500	RESIDUE, TOTAL (MG/L)	03/29/65-10/16/73	10	137.	131.6	151.	105.	302.267	17.386	105.2	113.75	146.	150.8
00510	RESIDUE, TOTAL FIXED (MG/L)	09/21/65-09/03/74	10	107.5	104.4	125.	73.	253.378	15.918	74.1	96.	115.25	124.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/21/65-10/09/80	10	12.5	15.5	45.	3.	145.611	12.067	3.3	7.5	20.75	42.8
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10/24/66-09/11/80	9	8.	11.	30.	1.	83.	9.11	1.	5.	17.5	30.
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/21/65-09/09/76	10	0.215	0.252	0.42	0.17	0.008	0.09	0.17	0.17	0.33	0.411
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/29/65-10/09/80	10	0.069	0.077	0.18	0.008	0.002	0.049	0.011	0.045	0.111	0.174
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/21/65-10/09/80	10	0.009	0.017	0.052	0.001	0.	0.017	0.002	0.008	0.028	0.051
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/29/65-09/09/76	10	0.61	0.597	1.04	0.2	0.084	0.29	0.208	0.295	0.795	1.038
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/29/65-09/14/71	10	0.085	0.103	0.28	0.02	0.006	0.075	0.023	0.058	0.128	0.27
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/29/65-10/09/80	10	99.5	93.5	114.	69.	332.944	18.247	69.1	75.25	110.	113.6
00916	CALCIUM, TOTAL (MG/L AS CA)	03/29/65-10/16/73	10	28.5	27.2	34.	20.	25.289	5.029	20.1	22.5	31.25	33.8
00927	MAGNESIUM, TOTAL (MG/L AS MG)	09/21/65-10/16/73	10	5.85	6.22	8.2	4.	2.537	1.593	4.08	4.875	8.025	8.19
00929	SODIUM, TOTAL (MG/L AS NA)	03/29/65-10/16/73	10	3.5	3.42	6.	1.6	1.286	1.134	1.7	2.675	3.725	5.78
00937	POTASSIUM, TOTAL MG/L AS K)	03/29/65-10/16/73	10	0.9	0.86	1.3	0.5	0.069	0.263	0.51	0.6	1.05	1.29
00940	CHLORIDE,TOTAL IN WATER MG/L	03/29/65-10/09/80	10	6.	5.19	8.	0.9	4.717	2.172	1.11	3.75	7.	7.9
00945	SULFATE, TOTAL (MG/L AS SO4)	09/21/65-10/16/73	10	12.	11.9	15.	10.	2.322	1.524	10.	10.75	13.	14.8
01045	IRON, TOTAL (UG/L AS FE)	03/29/65-09/14/71	9	30.	36.667	60.	10.	225.	15.	10.	30.	50.	60.
01055	MANGANESE, TOTAL (UG/L AS MN)	03/29/65-10/16/73	1	20.	20.	20.	20.	0.	0.	**	**	**	**
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	04/23/64-09/14/71	10	1050.	1863.	9000.	100.	7122578.889	2668.816	110.	275.	2050.	8410.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	04/23/64-09/14/71	10	3.009	2.94	3.954	2.	0.341	0.584	2.03	2.433	3.296	3.908
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			870.89								

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Annual Analysis for 1972 - Station SARA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/23/64-10/09/80	9	9.	11.389	22.	1.5	56.236	7.499	1.5	4.5	18.5	22.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/23/64-09/09/76	11	3.	3.355	6.4	1.5	2.765	1.663	1.5	2.1	4.7	6.32
00300	OXYGEN, DISSOLVED MG/L	04/23/64-10/09/80	11	10.4	11.209	15.1	6.8	7.287	2.699	7.08	9.2	13.7	14.94
00310	BOD, 5 DAY, 20 DEG C MG/L	04/23/64-10/09/80	10	1.4	1.53	3.	0.9	0.38	0.617	0.91	1.15	1.725	2.91
00400	PH (STANDARD UNITS)	04/23/64-10/09/80	8	8.	8.	8.2	7.7	0.02	0.141	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/23/64-10/09/80	8	8.	7.978	8.2	7.7	0.021	0.143	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/64-10/09/80	8	0.01	0.011	0.02	0.006	0.	0.004	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/29/65-10/09/80	1	0.18	0.18	0.18	0.18	0.	0.	**	**	**	**

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Annual Analysis for 1973 - Station SARA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/23/64-10/09/80	7	11.	12.143	25.	0.5	97.893	9.894	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/23/64-09/09/76	2	3.05	3.05	3.5	2.6	0.405	0.636	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/29/65-10/09/80	1	253.	253.	253.	253.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/23/64-10/09/80	7	11.	11.114	14.4	7.8	6.718	2.592	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	04/23/64-10/09/80	2	2.55	2.55	3.3	1.8	1.125	1.061	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	03/29/65-06/16/77	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	04/23/64-10/09/80	6	7.7	7.817	8.5	7.5	0.146	0.382	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/23/64-10/09/80	6	7.7	7.713	8.5	7.5	0.159	0.398	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/64-10/09/80	6	0.02	0.019	0.032	0.003	0.	0.011	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	10/24/66-05/26/77	1	109.	109.	109.	109.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	03/29/65-10/16/73	1	178.	178.	178.	178.	0.	0.	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	09/21/65-09/03/74	1	125.	125.	125.	125.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/21/65-10/09/80	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/21/65-09/09/76	1	0.16	0.16	0.16	0.16	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/21/65-10/09/80	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/29/65-09/09/76	1	0.39	0.39	0.39	0.39	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/29/65-10/09/80	1	110.	110.	110.	110.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	03/29/65-10/16/73	1	28.	28.	28.	28.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	09/21/65-10/16/73	1	9.8	9.8	9.8	9.8	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	03/29/65-10/16/73	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	03/29/65-10/16/73	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/29/65-10/09/80	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/21/65-10/16/73	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	03/29/65-10/16/73	1	20.	20.	20.	20.	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 1974 - Station SARA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/23/64-10/09/80	4	22.25	20.875	22.5	16.5	8.563	2.926	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/23/64-09/09/76	3	4.5	4.833	7.	3.	4.083	2.021	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/29/65-10/09/80	1	1720.	1720.	1720.	1720.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/23/64-10/09/80	3	8.4	8.2	9.	7.2	0.84	0.917	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	04/23/64-10/09/80	2	2.	2.	2.2	1.8	0.08	0.283	**	**	**	**
00400	PH (STANDARD UNITS)	04/23/64-10/09/80	3	7.7	7.767	7.9	7.7	0.013	0.115	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/23/64-10/09/80	3	7.7	7.757	7.9	7.7	0.013	0.116	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/64-10/09/80	3	0.02	0.017	0.02	0.013	0.	0.004	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	09/21/65-09/03/74	1	150.	150.	150.	150.	0.	0.	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10/24/66-09/11/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/29/65-10/09/80	4	89.5	92.5	109.	82.	147.	12.124	**	**	**	**

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Annual Analysis for 1975 - Station SARA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/23/64-10/09/80	3	6.9	6.033	10.1	1.1	20.813	4.562	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/23/64-09/09/76	6	2.	1.667	2.	1.	0.267	0.516	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/29/65-10/09/80	7	200.	194.	249.	137.	1493.	38.639	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/23/64-10/09/80	3	12.4	12.4	13.8	11.	1.96	1.4	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	04/23/64-10/09/80	5	0.5	0.86	2.7	0.2	1.073	1.036	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	03/29/65-06/16/77	6	6.5	8.	20.	4.	36.4	6.033	**	**	**	**
00400	PH (STANDARD UNITS)	04/23/64-10/09/80	3	8.3	8.267	8.3	8.2	0.003	0.058	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/23/64-10/09/80	3	8.3	8.264	8.3	8.2	0.003	0.058	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/64-10/09/80	3	0.005	0.005	0.006	0.005	0.	0.001	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	10/24/66-05/26/77	3	82.	99.667	144.	73.	1494.333	38.657	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/21/65-10/09/80	5	3.	4.	9.	2.	8.5	2.915	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10/24/66-09/11/80	4	1.5	2.25	5.	1.	3.583	1.893	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/21/65-09/09/76	3	0.13	0.14	0.17	0.12	0.001	0.026	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/29/65-10/09/80	6 ##	0.025	0.048	0.15	0.01	0.003	0.055	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/21/65-10/09/80	6	0.004	0.005	0.012	0.002	0.	0.004	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/29/65-09/09/76	6	0.57	0.563	0.8	0.36	0.033	0.182	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/29/65-10/09/80	6	4.5	4.833	6.	4.	0.967	0.983	**	**	**	**

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Annual Analysis for 1976 - Station SARA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/23/64-10/09/80	7	15.2	12.443	18.	1.5	34.87	5.905	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/23/64-09/09/76	7	2.	6.129	28.	0.9	96.316	9.814	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/29/65-10/09/80	7	162.	174.571	240.	120.	1519.619	38.982	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/23/64-10/09/80	7	10.	10.629	14.2	9.	3.566	1.888	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	04/23/64-10/09/80	6	0.95	1.083	1.9	0.7	0.19	0.436	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	03/29/65-06/16/77	7	8.	9.143	16.	5.	15.81	3.976	**	**	**	**
00400	PH (STANDARD UNITS)	04/23/64-10/09/80	6	8.4	8.317	8.8	7.5	0.226	0.475	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/23/64-10/09/80	6	8.389	8.068	8.8	7.5	0.3	0.548	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/64-10/09/80	6	0.004	0.009	0.032	0.002	0.	0.012	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	10/24/66-05/26/77	7	75.	70.571	79.	50.	102.952	10.147	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/21/65-10/09/80	7	3.	9.571	42.	2.	213.286	14.604	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10/24/66-09/11/80	7	1.	7.571	36.	1.	165.952	12.882	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/21/65-09/09/76	7	0.14	0.167	0.28	0.09	0.006	0.075	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/29/65-10/09/80	7 ##	0.01	0.014	0.02	0.01	0.	0.005	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/21/65-10/09/80	7	0.004	0.005	0.01	0.002	0.	0.003	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/29/65-09/09/76	7	0.56	0.481	0.7	0.05	0.048	0.22	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/29/65-10/09/80	7	4.	4.	5.	2.	1.333	1.155	**	**	**	**

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Annual Analysis for 1977 - Station SARA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/23/64-10/09/80	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/29/65-10/09/80	2	193.5	193.5	200.	187.	84.5	9.192	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/23/64-10/09/80	1	9.2	9.2	9.2	9.2	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	04/23/64-10/09/80	2	1.7	1.7	2.4	1.	0.98	0.99	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	03/29/65-06/16/77	2	4.5	4.5	5.	4.	0.5	0.707	**	**	**	**
00400	PH (STANDARD UNITS)	04/23/64-10/09/80	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/23/64-10/09/80	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/64-10/09/80	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	10/24/66-05/26/77	1	73.	73.	73.	73.	0.	0.	**	**	**	**

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Annual Analysis for 1977 - Station SARA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/21/65-10/09/80	2	1.5	1.5	2.	1.	0.5	0.707	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10/24/66-09/11/80	2 ##	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/29/65-10/09/80	2 ##	0.015	0.015	0.02	0.01	0.	0.007	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/21/65-10/09/80	2	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/29/65-10/09/80	2	5.5	5.5	6.	5.	0.5	0.707	**	**	**	**

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Annual Analysis for 1978 - Station SARA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/23/64-10/09/80	6	17.2	15.617	23.8	3.	68.714	8.289	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/29/65-10/09/80	5	162.	170.4	190.	150.	340.8	18.461	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/23/64-10/09/80	6	9.	9.2	12.4	7.	3.808	1.951	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	04/23/64-10/09/80	5	1.5	1.38	2.	0.7	0.277	0.526	**	**	**	**
00400	PH (STANDARD UNITS)	04/23/64-10/09/80	5	7.7	7.8	8.4	7.5	0.125	0.354	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/23/64-10/09/80	5	7.7	7.714	8.4	7.5	0.134	0.366	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/64-10/09/80	5	0.02	0.019	0.032	0.004	0.	0.01	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/21/65-10/09/80	6	5.	4.75	6.	2.5	2.175	1.475	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10/24/66-09/11/80	5	2.	2.	3.	1.	0.5	0.707	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/29/65-10/09/80	6	0.024	0.064	0.27	0.005	0.011	0.102	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/21/65-10/09/80	6	0.007	0.422	2.5	0.005	1.036	1.018	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/29/65-10/09/80	6	4.5	4.25	5.	2.5	0.975	0.987	**	**	**	**

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Annual Analysis for 1979 - Station SARA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/23/64-10/09/80	6	13.75	12.917	19.	6.5	33.542	5.792	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/29/65-10/09/80	8	172.5	181.125	230.	140.	1091.268	33.034	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/23/64-10/09/80	5	10.	9.76	11.4	8.2	2.288	1.513	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	04/23/64-10/09/80	7	2.	1.921	3.2	0.05	0.953	0.976	**	**	**	**
00400	PH (STANDARD UNITS)	04/23/64-10/09/80	6	8.	7.95	8.7	7.3	0.323	0.568	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/23/64-10/09/80	6	8.	7.677	8.7	7.3	0.412	0.642	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/64-10/09/80	6	0.01	0.021	0.05	0.002	0.001	0.023	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/21/65-10/09/80	8	1.	2.75	10.	0.5	11.	3.317	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10/24/66-09/11/80	8 ##	0.5	1.938	7.	0.5	5.46	2.337	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/29/65-10/09/80	8	0.028	0.037	0.079	0.003	0.001	0.027	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/29/65-10/09/80	8	5.5	6.75	18.	4.	21.929	4.683	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 SARA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/23/64-10/09/80	7	17.	17.857	25.5	10.5	33.643	5.8	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/29/65-10/09/80	7	190.	197.286	231.	168.	462.571	21.507	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/23/64-10/09/80	7	8.	8.486	11.3	5.9	3.391	1.842	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	04/23/64-10/09/80	7	2.	1.7	3.	0.5	0.663	0.814	**	**	**	**
00400	PH (STANDARD UNITS)	04/23/64-10/09/80	7	8.7	8.671	8.8	8.5	0.012	0.111	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/23/64-10/09/80	7	8.7	8.659	8.8	8.5	0.013	0.112	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/64-10/09/80	7	0.002	0.002	0.003	0.002	0.	0.001	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 SARA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/21/65-10/09/80	7	8.	12.	26.	4.	66.667	8.165	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10/24/66-09/11/80	6	2.	5.167	16.	0.5	40.867	6.393	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/29/65-10/09/80	7	0.039	0.087	0.36	0.023	0.015	0.122	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/21/65-10/09/80	6	0.006	0.007	0.013	0.005	0.	0.003	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/29/65-10/09/80	1	92.	92.	92.	92.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/29/65-10/09/80	7	5.	4.786	7.	0.5	4.488	2.119	**	**	**	**

** - 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

Seasonal Analysis for Season #1: 9/20 to 2/29 - Station SARA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/23/64-10/09/80	51	5.	5.982	20.	0.	27.572	5.251	0.	1.	10.	13.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/22/71-10/09/80	18	1.75	8.739	22.	-6.	43.933	6.628	3.45	4.	13.25	18.85
00032	CLOUD COVER (PERCENT)	09/14/71-10/09/80	16	97.	81.688	99.	5.	941.163	30.678	8.5	72.5	99.	99.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/23/64-09/09/76	45	2.7	3.891	20.	0.5	13.247	3.64	1.	2.	5.5	7.4
00080	COLOR (PLATINUM-COBALT UNITS)	04/23/64-09/14/71	36	14.	14.667	35.	3.	63.143	7.946	5.	10.	15.	30.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/29/65-10/09/80	42	175.5	179.833	253.	105.	1085.654	32.949	137.	153.	206.75	220.7
00300p	OXYGEN, DISSOLVED MG/L	04/23/64-10/09/80	53	12.4	11.832	15.1	6.4	4.439	2.107	8.6	10.3	13.6	14.2
00310p	BOD, 5 DAY, 20 DEG C MG/L	04/23/64-10/09/80	40	1.5	1.799	6.8	0.05	1.279	1.131	0.54	1.2	2.275	2.98
00315	BOD, 7 DAY, 20 DEG C MG/L	04/23/69-10/09/80	18	1.85	1.728	3.	0.2	0.462	0.68	0.56	1.3	2.2	2.46
00335	COD, .025N K2CR2O7 MG/L	03/29/65-06/16/77	36	5.55	7.817	48.6	0.4	88.553	9.41	0.74	2.2	8.	18.02
00400p	PH (STANDARD UNITS)	04/23/64-10/09/80	51	7.8	7.824	8.6	7.3	0.07	0.265	7.52	7.7	7.9	8.28
00400p	CONVERTED PH (STANDARD UNITS)	04/23/64-10/09/80	51	7.8	7.754	8.6	7.3	0.075	0.274	7.52	7.7	7.9	8.28
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/64-10/09/80	51	0.016	0.018	0.05	0.003	0.	0.01	0.005	0.013	0.02	0.03
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	10/24/66-05/26/77	24	80.	80.958	144.	48.	381.172	19.524	59.	67.25	87.75	105.5
00500	RESIDUE, TOTAL (MG/L)	03/29/65-10/16/73	33	151.	162.242	637.	81.	8459.564	91.976	102.8	123.5	173.	216.6
00510	RESIDUE, TOTAL FIXED (MG/L)	09/21/65-09/03/74	33	109.	110.818	510.	29.	5881.841	76.693	57.8	81.5	119.5	133.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/21/65-10/09/80	41	8.	9.463	26.	0.5	52.142	7.221	2.	4.	14.5	21.6
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10/24/66-09/11/80	23	3.	4.348	18.	0.	21.76	4.665	0.	1.	5.	12.4
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/21/65-09/09/76	35	0.19	0.242	0.94	0.	0.038	0.195	0.006	0.13	0.33	0.522
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/29/65-10/09/80	42	0.084	0.203	1.002	0.	0.064	0.252	0.001	0.017	0.323	0.636
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/21/65-10/09/80	40	0.004	0.067	2.5	0.	0.156	0.395	0.	0.002	0.007	0.012
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/29/65-09/09/76	36	0.48	0.456	1.07	0.	0.068	0.26	0.102	0.25	0.63	0.803
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/29/65-09/14/71	32	0.06	0.098	0.43	0.	0.01	0.102	0.013	0.04	0.14	0.267
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	03/29/65-10/09/80	34	90.5	90.412	118.	59.	215.462	14.679	74.	80.	102.	110.
00916	CALCIUM, TOTAL (MG/L AS CA)	03/29/65-10/16/73	33	25.3	25.685	37.	17.5	19.636	4.431	19.82	22.7	28.	32.24
00927	MAGNESIUM, TOTAL (MG/L AS MG)	09/21/65-10/16/73	33	6.1	6.6	19.1	2.9	10.18	3.191	3.38	4.65	7.1	10.96
00929	SODIUM, TOTAL (MG/L AS NA)	03/29/65-10/16/73	33	3.4	3.912	9.8	1.	3.383	1.839	2.16	2.75	4.9	6.72
00937	POTASSIUM, TOTAL MG/L AS K)	03/29/65-10/16/73	33	0.7	0.836	1.7	0.2	0.119	0.345	0.44	0.6	1.	1.44
00940p	CHLORIDE,TOTAL IN WATER MG/L	03/29/65-10/09/80	42	5.	5.179	9.	2.5	2.266	1.505	4.	4.	6.	7.
00945	SULFATE, TOTAL (MG/L AS SO4)	09/21/65-10/16/73	33	13.	13.606	32.	8.	17.371	4.168	9.4	11.	15.	17.
01045	IRON, TOTAL (UG/L AS FE)	03/29/65-09/14/71	32	85.	88.125	370.	10.	5015.726	70.822	20.	42.5	110.	177.
01055	MANGANESE, TOTAL (UG/L AS MN)	03/29/65-10/16/73	31	20.	16.129	40.	0.	164.516	12.826	0.	0.	20.	38.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/09/71-10/09/80	17	2500.	12875.294	170000.	360.	1650980226.471	40632.256	472.	860.	4300.	46000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/09/71-10/09/80	17	3.398	3.406	5.23	2.556	0.39	0.625	2.67	2.929	3.633	4.387
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2545.429								
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	04/23/64-09/14/71	33	1200.	2465.152	16000.	100.	13498875.758	3674.082	200.	500.	2600.	5360.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	04/23/64-09/14/71	33	3.079	3.074	4.204	2.	0.294	0.542	2.301	2.699	3.412	3.729
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			1186.45								

** - Less than 9 observations ## - Computed 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: 3/01 to 4/30 - Station SARA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/23/64-10/09/80	22	4.5	5.018	10.5	0.	11.341	3.368	1.	1.875	8.	10.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/22/71-10/09/80	5	-0.5	8.	15.5	-0.5	47.375	6.883	**	**	**	**
00032	CLOUD COVER (PERCENT)	09/14/71-10/09/80	5	99.	68.4	99.	5.	1908.8	43.69	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/23/64-09/09/76	21	4.	6.319	28.	0.9	58.644	7.658	1.	2.	7.75	24.4
00080	COLOR (PLATINUM-COBALT UNITS)	04/23/64-09/14/71	16	15.	15.563	35.	5.	82.396	9.077	5.	6.25	20.	31.5
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/29/65-10/09/80	17	159.	151.353	217.	69.	1754.368	41.885	93.8	111.5	185.	205.8
00300p	OXYGEN, DISSOLVED MG/L	04/23/64-10/09/80	22	12.5	12.673	14.6	11.	1.492	1.221	11.13	11.4	13.925	14.27
00310p	BOD, 5 DAY, 20 DEG C MG/L	04/23/64-10/09/80	15	1.4	2.82	19.	0.5	20.645	4.544	0.8	1.	2.6	9.58
00315	BOD, 7 DAY, 20 DEG C MG/L	04/23/69-10/09/80	9	1.6	1.711	3.8	0.5	1.071	1.035	0.5	0.9	2.4	3.8
00335	COD, .025N K2CR2O7 MG/L	03/29/65-06/16/77	16	9.35	9.725	21.2	0.4	41.875	6.471	1.52	3.6	15.975	19.38
00400p	PH (STANDARD UNITS)	04/23/64-10/09/80	22	7.7	7.736	8.7	7.1	0.179	0.423	7.13	7.5	8.	8.52
00400p	CONVERTED PH (STANDARD UNITS)	04/23/64-10/09/80	22	7.7	7.576	8.7	7.1	0.206	0.453	7.13	7.5	8.	8.52
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/64-10/09/80	22	0.02	0.027	0.079	0.002	0.001	0.022	0.004	0.01	0.032	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

Seasonal Analysis for Season #2: 3/01 to 4/30 - Station SARA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	10/24/66-05/26/77	13	64.	59.846	82.	30.	286.141	16.916	31.6	47.	74.5	80.8
00500	RESIDUE, TOTAL (MG/L)	03/29/65-10/16/73	14	132.	135.143	284.	51.	3379.055	58.13	62.	95.	163.5	232.
00510	RESIDUE, TOTAL FIXED (MG/L)	09/21/65-09/03/74	13	73.	74.154	107.	27.	496.974	22.293	36.6	61.	92.5	105.8
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/21/65-10/09/80	15	17.	23.267	74.	2.	427.781	20.683	2.	8.	40.	59.6
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10/24/66-09/11/80	13	9.	13.692	42.	1.	187.397	13.689	1.	2.	27.5	37.2
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/21/65-09/09/76	15	0.15	0.166	0.42	0.	0.017	0.131	0.	0.07	0.27	0.372
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/29/65-10/09/80	17	0.083	0.189	0.614	0.01	0.034	0.185	0.01	0.045	0.27	0.563
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/21/65-10/09/80	16	0.005	0.008	0.044	0.	0.	0.011	0.001	0.002	0.008	0.029
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/29/65-09/09/76	16	0.56	0.581	1.04	0.13	0.053	0.23	0.277	0.433	0.7	1.026
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/29/65-09/14/71	14	0.07	0.158	0.56	0.02	0.025	0.158	0.03	0.058	0.293	0.445
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	03/29/65-10/09/80	14	67.5	70.	101.	42.	408.308	20.207	43.	50.5	93.75	99.
00916	CALCIUM, TOTAL (MG/L AS CA)	03/29/65-10/16/73	14	20.	20.286	28.2	13.	27.803	5.273	13.1	16.1	24.7	28.1
00927	MAGNESIUM, TOTAL (MG/L AS MG)	09/21/65-10/16/73	13	4.2	4.085	6.3	1.7	1.866	1.366	2.06	2.65	5.15	6.02
00929	SODIUM, TOTAL (MG/L AS NA)	03/29/65-10/16/73	14	3.05	3.343	9.	1.	4.466	2.113	1.2	1.925	4.125	7.5
00937	POTASSIUM, TOTAL MG/L AS K)	03/29/65-10/16/73	14	0.9	0.857	1.5	0.4	0.086	0.293	0.5	0.6	1.	1.35
00940p	CHLORIDE,TOTAL IN WATER MG/L	03/29/65-10/09/80	17	5.	5.	8.	2.	3.5	1.871	2.8	3.5	7.	8.
00945	SULFATE, TOTAL (MG/L AS SO4)	09/21/65-10/16/73	13	13.	14.462	22.	10.	11.936	3.455	10.4	12.5	16.5	21.2
01045	IRON, TOTAL (UG/L AS FE)	03/29/65-09/14/71	14	65.	93.571	230.	20.	4778.571	69.127	25.	45.	172.5	210.
01055	MANGANESE, TOTAL (UG/L AS MN)	03/29/65-10/16/73	11	20.	22.727	70.	0.	521.818	22.843	0.	10.	30.	68.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/09/71-10/09/80	6	800.	1090.	2600.	520.	601240.	775.397	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/09/71-10/09/80	6	2.903	2.968	3.415	2.716	0.063	0.251	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			929.227								
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	04/23/64-09/14/71	14	520.	648.571	2400.	100.	321505.495	567.015	150.	277.5	800.	1700.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	04/23/64-09/14/71	14	2.716	2.69	3.38	2.	0.117	0.342	2.151	2.438	2.903	3.19
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			489.83								

** - Less than 9 observations ## - Computed 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: 5/01 to 6/30 - Station SARA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/23/64-10/09/80	26	17.	16.531	24.	8.	22.011	4.692	8.7	12.775	19.25	23.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/22/71-10/09/80	13	21.	20.492	28.	9.	43.994	6.633	9.4	14.25	26.	27.88
00032	CLOUD COVER (PERCENT)	09/14/71-10/09/80	11	50.	55.818	99.	0.	1160.364	34.064	5.	30.	90.	98.2
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/23/64-09/09/76	22	3.	3.945	19.	0.5	15.035	3.877	1.	1.75	5.	7.
00080	COLOR (PLATINUM-COBALT UNITS)	04/23/64-09/14/71	15	15.	18.333	40.	10.	62.81	7.925	10.6	13.	23.	32.8
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/29/65-10/09/80	24	164.	173.	249.	120.	903.217	30.054	133.	157.25	190.	216.
00300p	OXYGEN, DISSOLVED MG/L	04/23/64-10/09/80	27	9.6	9.378	12.2	5.2	2.37	1.54	7.36	8.4	10.6	11.16
00310p	BOD, 5 DAY, 20 DEG C MG/L	04/23/64-10/09/80	25	1.7	1.628	3.2	0.5	0.381	0.617	0.82	1.05	2.	2.4
00315	BOD, 7 DAY, 20 DEG C MG/L	04/23/69-10/09/80	16	1.7	1.881	3.3	0.7	0.659	0.812	0.91	1.225	2.775	3.09
00335	COD, .025N K2CR2O7 MG/L	03/29/65-06/16/77	18	5.	5.394	13.5	0.	10.232	3.199	0.9	3.5	7.25	8.82
00400p	PH (STANDARD UNITS)	04/23/64-10/09/80	26	7.7	7.846	8.7	7.3	0.173	0.416	7.37	7.5	8.2	8.53
00400p	CONVERTED PH (STANDARD UNITS)	04/23/64-10/09/80	26	7.7	7.693	8.7	7.3	0.197	0.444	7.37	7.5	8.2	8.53
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/64-10/09/80	26	0.02	0.02	0.05	0.002	0.	0.015	0.003	0.006	0.032	0.043
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	10/24/66-05/26/77	11	71.	74.455	110.	48.	276.073	16.615	50.8	65.	79.	107.
00500	RESIDUE, TOTAL (MG/L)	03/29/65-10/16/73	13	105.	129.077	220.	79.	2293.577	47.891	81.4	99.5	165.	217.6
00510	RESIDUE, TOTAL FIXED (MG/L)	09/21/65-09/03/74	12	82.5	77.417	109.	27.	624.629	24.993	34.8	54.25	98.	108.7
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/21/65-10/09/80	23	6.	9.217	24.	1.	42.087	6.487	2.4	5.	14.	21.2
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10/24/66-09/11/80	19	3.	4.263	12.	0.5	12.399	3.521	0.5	1.	7.	10.
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/21/65-09/09/76	14	0.175	0.261	1.14	0.	0.079	0.281	0.03	0.12	0.278	0.825
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/29/65-10/09/80	24	0.028	0.078	0.68	0.	0.021	0.146	0.001	0.01	0.078	0.254
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/21/65-10/09/80	19	0.005	0.009	0.052	0.	0.	0.012	0.	0.001	0.009	0.03
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/29/65-09/09/76	16	0.35	0.386	0.6	0.2	0.02	0.141	0.2	0.273	0.5	0.6
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/29/65-09/14/71	13	0.06	0.098	0.32	0.001	0.009	0.097	0.021	0.05	0.105	0.308
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	03/29/65-10/09/80	14	79.5	79.357	114.	36.	361.786	19.021	49.	68.	92.5	108.
00916	CALCIUM, TOTAL (MG/L AS CA)	03/29/65-10/16/73	13	23.	24.331	32.	18.	15.421	3.927	18.8	21.95	26.7	31.32
00927	MAGNESIUM, TOTAL (MG/L AS MG)	09/21/65-10/16/73	12	4.95	5.25	8.2	3.7	1.995	1.413	3.73	4.075	5.825	7.99

** - 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 #3: 5/01 to 6/30 - Station SARA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00929	SODIUM, TOTAL (MG/L AS NA)	03/29/65-10/16/73	12	2.65	2.658	4.	1.6	0.512	0.715	1.72	2.05	3.075	3.91
00937	POTASSIUM, TOTAL MG/L AS K)	03/29/65-10/16/73	13	0.6	0.669	1.	0.3	0.036	0.189	0.38	0.55	0.8	0.96
00940p	CHLORIDE,TOTAL IN WATER MG/L	03/29/65-10/09/80	24	5.	5.058	18.	0.5	10.39	3.223	1.95	4.	5.75	7.5
00945	SULFATE, TOTAL (MG/L AS SO4)	09/21/65-10/16/73	12	11.5	11.75	22.	5.	24.386	4.938	5.	9.25	13.5	21.1
01045	IRON, TOTAL (UG/L AS FE)	03/29/65-09/14/71	12	75.	83.333	220.	10.	3551.515	59.595	13.	30.	115.	199.
01055	MANGANESE, TOTAL (UG/L AS MN)	03/29/65-10/16/73	11	10.	10.	40.	0.	120.	10.954	0.	0.	10.	34.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/09/71-10/09/80	16	2000.	3627.5	16000.	0.	24787633.333	4978.718	273.	800.	3575.	16000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/09/71-10/09/80	16	3.299	3.125	4.204	0.	0.903	0.95	1.814	2.903	3.552	4.204
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1334.75								
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	04/23/64-09/14/71	14	1100.	1907.857	8400.	100.	4761171.978	2182.011	100.	715.	2800.	6150.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	04/23/64-09/14/71	14	3.034	3.024	3.924	2.	0.298	0.546	2.	2.843	3.446	3.758
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			1057.371								

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

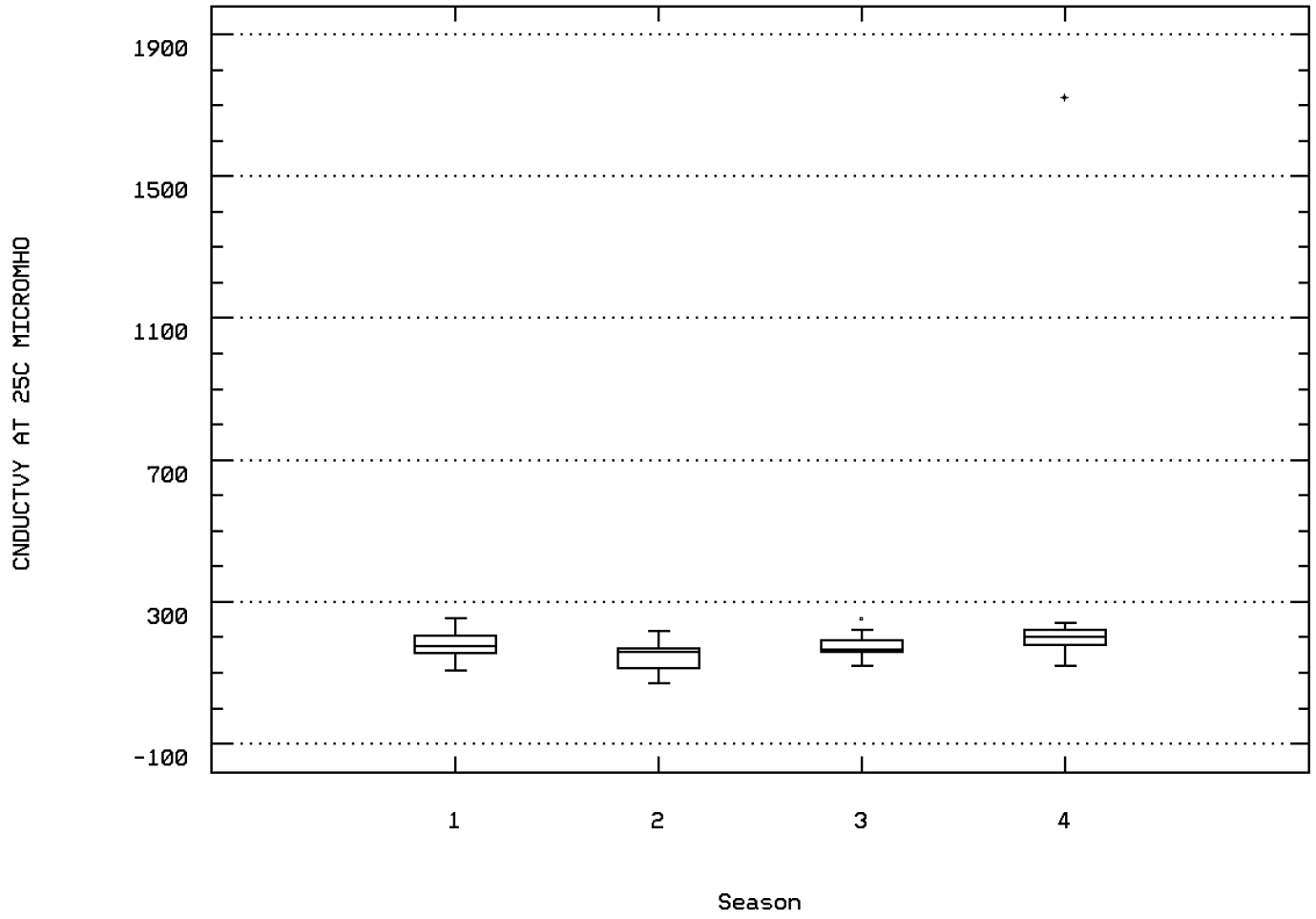
Seasonal Analysis for Season #4: 7/01 to 9/19 - Station SARA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/23/64-10/09/80	36	21.	20.794	26.	15.2	8.007	2.83	16.85	18.25	23.	24.3
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/22/71-10/09/80	21	26.	24.324	35.	12.5	40.245	6.344	14.4	18.75	28.5	33.6
00032	CLOUD COVER (PERCENT)	09/14/71-10/09/80	17	50.	55.588	99.	5.	1582.757	39.784	9.	10.	99.	99.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/23/64-09/09/76	29	3.3	5.048	28.	1.	28.692	5.356	1.	2.45	6.	7.
00080	COLOR (PLATINUM-COBALT UNITS)	04/23/64-09/14/71	19	18.	19.158	35.	10.	48.363	6.954	10.	15.	20.	32.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/29/65-10/09/80	30	200.	249.533	1720.	120.	77922.74	279.146	155.2	180.	223.	239.5
00300p	OXYGEN, DISSOLVED MG/L	04/23/64-10/09/80	35	7.6	7.577	10.2	5.4	1.59	1.261	5.78	6.6	8.4	9.36
00310p	BOD, 5 DAY, 20 DEG C MG/L	04/23/64-10/09/80	27	1.6	1.667	3.	0.6	0.416	0.645	0.78	1.2	2.1	2.7
00315	BOD, 7 DAY, 20 DEG C MG/L	04/23/69-10/09/80	21	2.	2.133	4.4	1.	0.626	0.791	1.22	1.55	2.6	3.16
00335	COD, .025N K2CR2O7 MG/L	03/29/65-06/16/77	22	5.5	8.964	26.	0.3	61.989	7.873	1.	3.	14.425	22.1
00400p	PH (STANDARD UNITS)	04/23/64-10/09/80	34	7.8	7.915	8.8	7.1	0.229	0.478	7.25	7.675	8.225	8.75
00400p	CONVERTED PH (STANDARD UNITS)	04/23/64-10/09/80	34	7.8	7.703	8.8	7.1	0.275	0.524	7.25	7.675	8.225	8.75
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/64-10/09/80	34	0.016	0.02	0.079	0.002	0.	0.019	0.002	0.006	0.021	0.057
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	10/24/66-05/26/77	16	86.5	84.5	101.	50.	163.2	12.775	66.1	77.	93.	98.9
00500	RESIDUE, TOTAL (MG/L)	03/29/65-10/16/73	17	141.	144.647	228.	86.	1741.618	41.733	104.4	110.	174.5	224.
00510	RESIDUE, TOTAL FIXED (MG/L)	09/21/65-09/03/74	18	98.	98.778	150.	29.	833.948	28.878	49.7	89.	114.5	142.8
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/21/65-10/09/80	30	9.5	11.717	42.	0.5	113.339	10.646	1.	3.	18.25	27.7
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10/24/66-09/11/80	27	3.	5.778	36.	0.5	56.526	7.518	0.5	1.	8.	16.2
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/21/65-09/09/76	20	0.14	0.18	0.58	0.	0.022	0.149	0.002	0.055	0.303	0.366
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/29/65-10/09/80	30	0.08	0.238	2.33	0.01	0.198	0.445	0.02	0.038	0.293	0.739
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/21/65-10/09/80	27	0.008	0.009	0.036	0.	0.	0.008	0.001	0.004	0.012	0.016
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/29/65-09/09/76	22	0.27	0.26	0.7	0.001	0.024	0.156	0.022	0.193	0.353	0.42
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/29/65-09/14/71	17	0.08	0.109	0.23	0.04	0.004	0.06	0.04	0.065	0.175	0.198
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	03/29/65-10/09/80	20	102.	95.1	110.	46.	263.358	16.228	76.3	85.25	108.	110.
00916	CALCIUM, TOTAL (MG/L AS CA)	03/29/65-10/16/73	17	29.7	28.841	33.6	22.8	12.911	3.593	22.96	26.	31.6	33.12
00927	MAGNESIUM, TOTAL (MG/L AS MG)	09/21/65-10/16/73	17	6.9	6.671	9.3	4.	2.081	1.443	4.08	5.7	7.8	8.42
00929	SODIUM, TOTAL (MG/L AS NA)	03/29/65-10/16/73	17	3.6	3.824	6.5	1.	1.957	1.399	2.12	3.	4.75	6.1
00937	POTASSIUM, TOTAL MG/L AS K)	03/29/65-10/16/73	17	0.8	0.829	1.3	0.4	0.08	0.282	0.4	0.65	1.05	1.22
00940p	CHLORIDE,TOTAL IN WATER MG/L	03/29/65-10/09/80	30	6.	5.833	8.	2.	1.868	1.367	4.	5.	7.	7.9
00945	SULFATE, TOTAL (MG/L AS SO4)	09/21/65-10/16/73	17	11.	12.471	28.	7.	21.015	4.584	8.6	11.	13.5	18.4
01045	IRON, TOTAL (UG/L AS FE)	03/29/65-09/14/71	17	50.	64.706	140.	0.	2238.971	47.318	8.	30.	115.	140.
01055	MANGANESE, TOTAL (UG/L AS MN)	03/29/65-10/16/73	14	15.	20.714	70.	0.	422.527	20.555	0.	0.	32.5	55.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/09/71-10/09/80	20	2450.	4838.5	46000.	350.	97802171.316	9889.498	578.	1400.	3650.	8920.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/09/71-10/09/80	20	3.388	3.382	4.663	2.544	0.199	0.446	2.749	3.146	3.562	3.942
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2410.929								
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	04/23/64-09/14/71	15	3400.	3782.	12000.	50.	10928788.571	3305.872	50.	1600.	5500.	10200.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	04/23/64-09/14/71	15	3.531	3.282	4.079	1.699	0.519	0.72	1.699	3.204	3.74	4.004
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			1915.856								

** - Less than 9 observations ## - Computed 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: SARA0004 Parameter Code: 00095

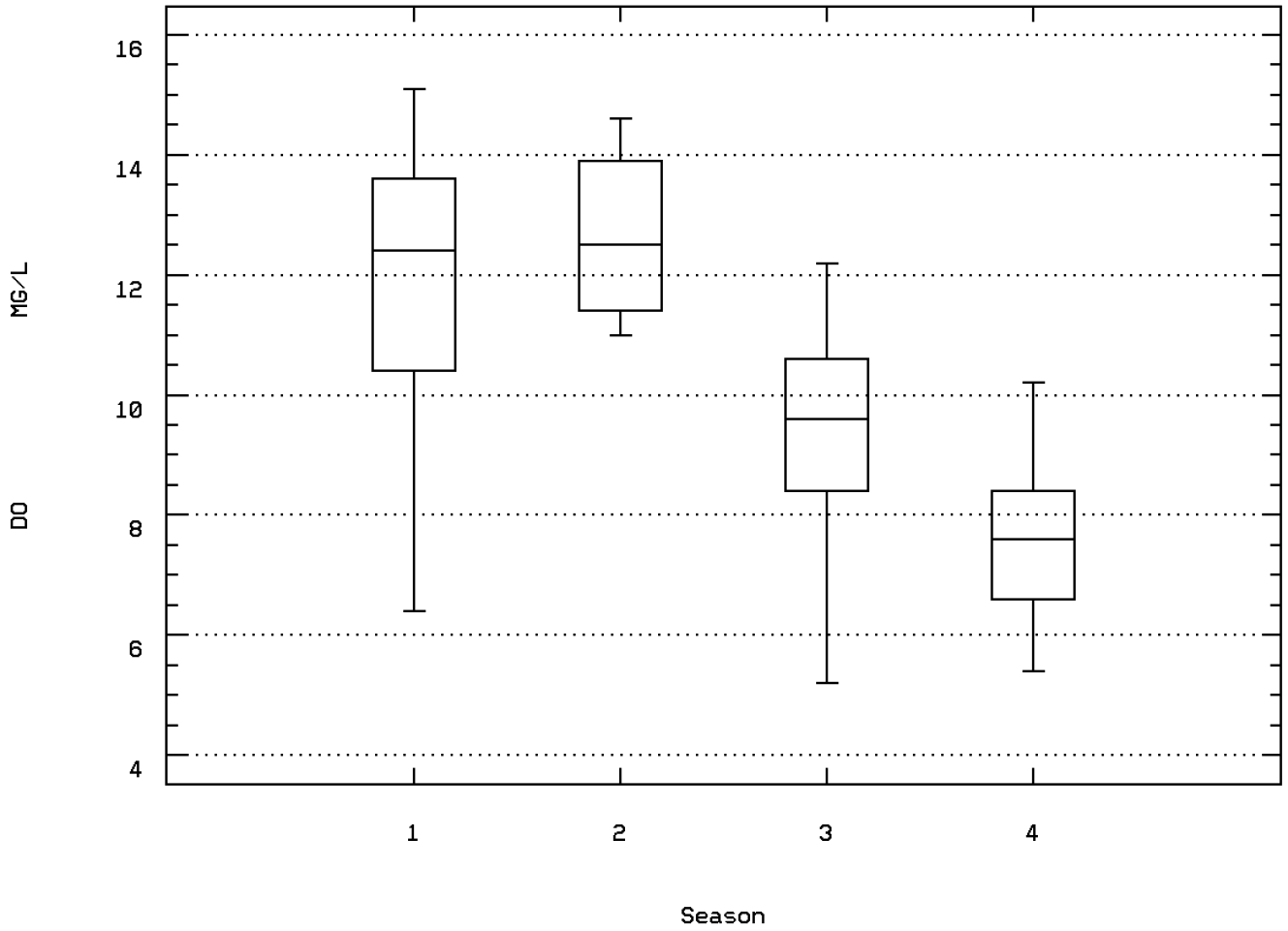
SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)



BATTENKILL CREEK

Station: SARA0004 Parameter Code: 00300

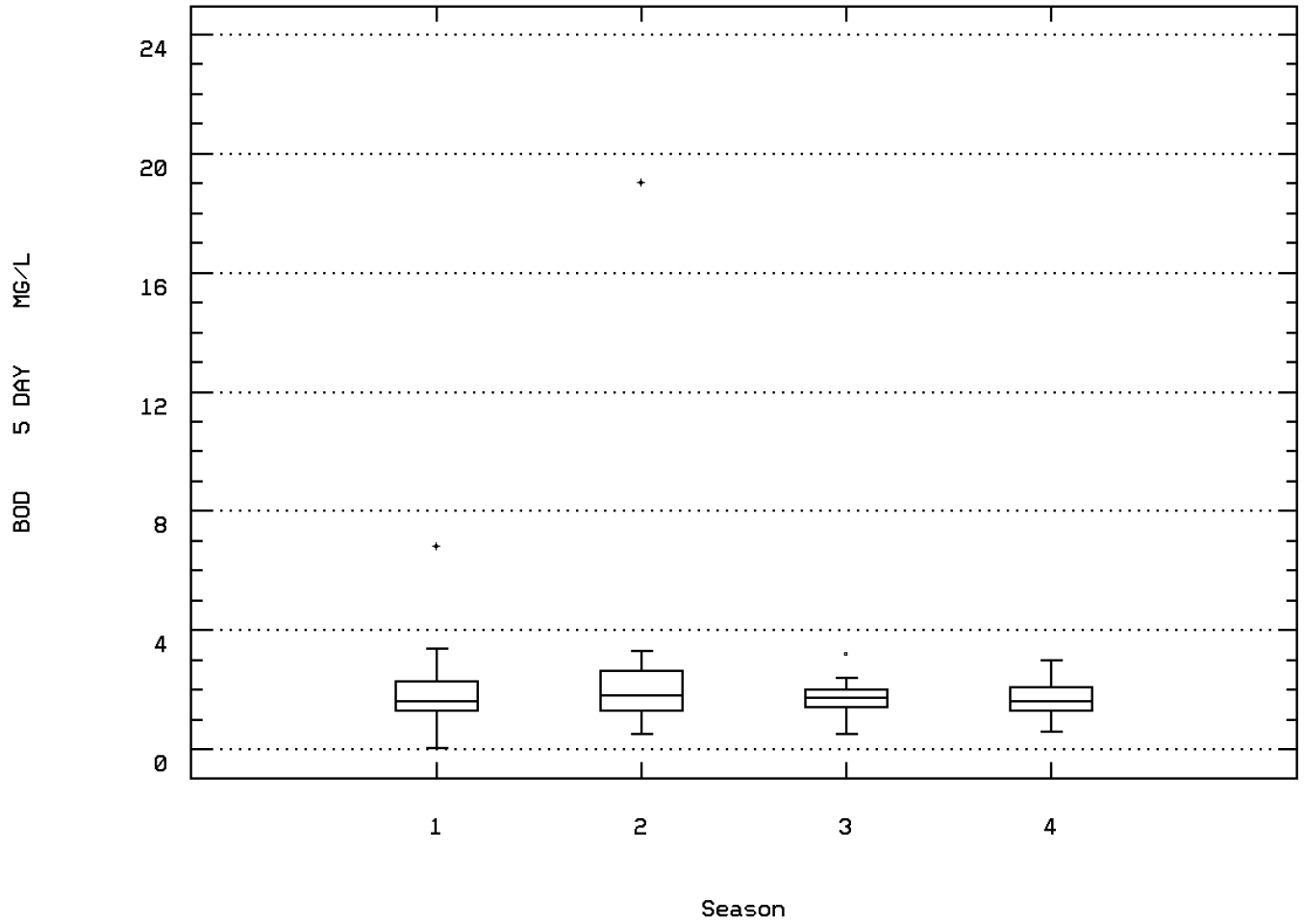
OXYGEN, DISSOLVED



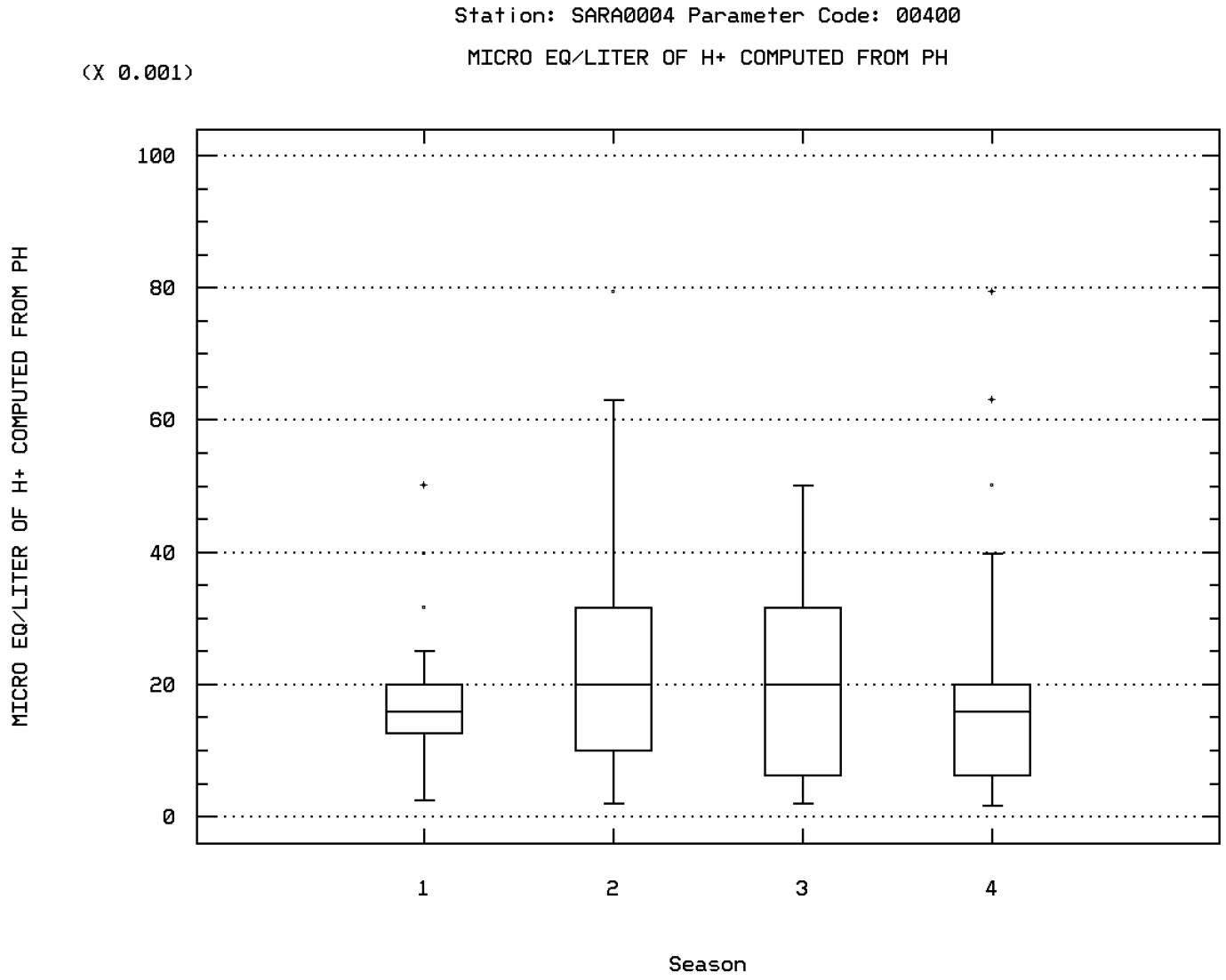
BATTENKILL CREEK

Station: SARA0004 Parameter Code: 00310

BOD, 5 DAY, 20 DEG C



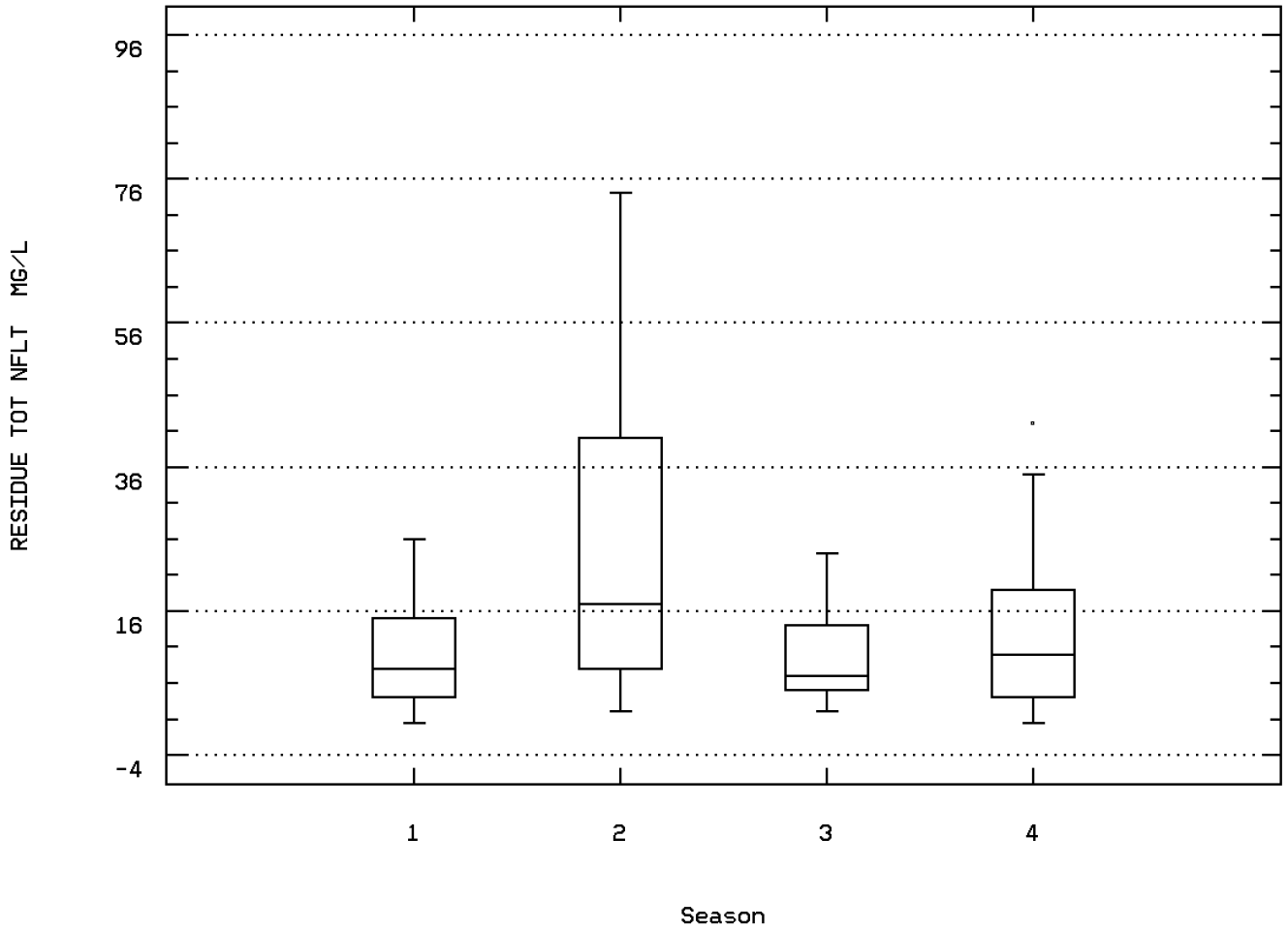
BATTENKILL CREEK



BATTENKILL CREEK

Station: SARA0004 Parameter Code: 00530

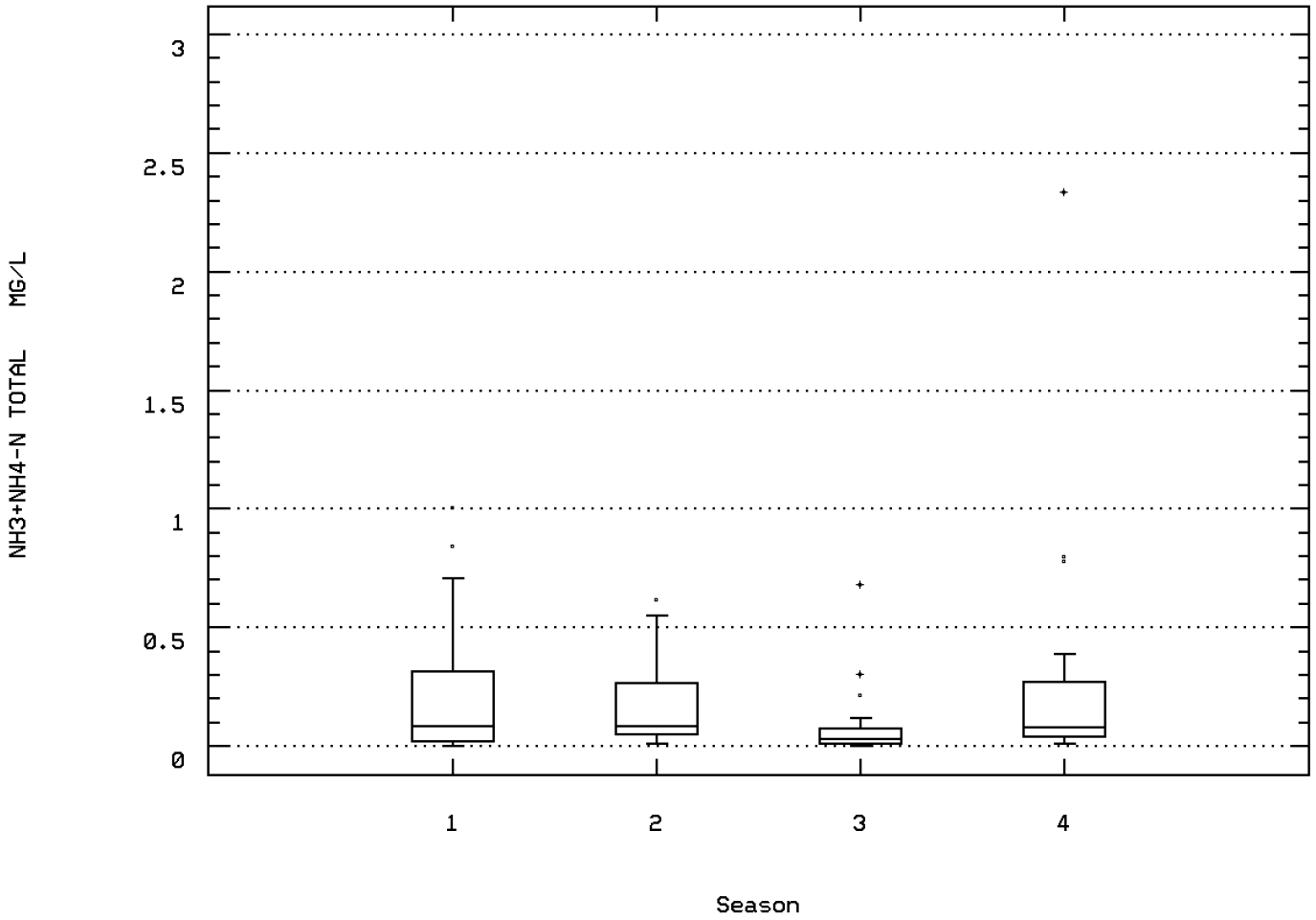
RESIDUE, TOTAL NONFILTRABLE (MG/L)



BATTENKILL CREEK

Station: SARA0004 Parameter Code: 00610

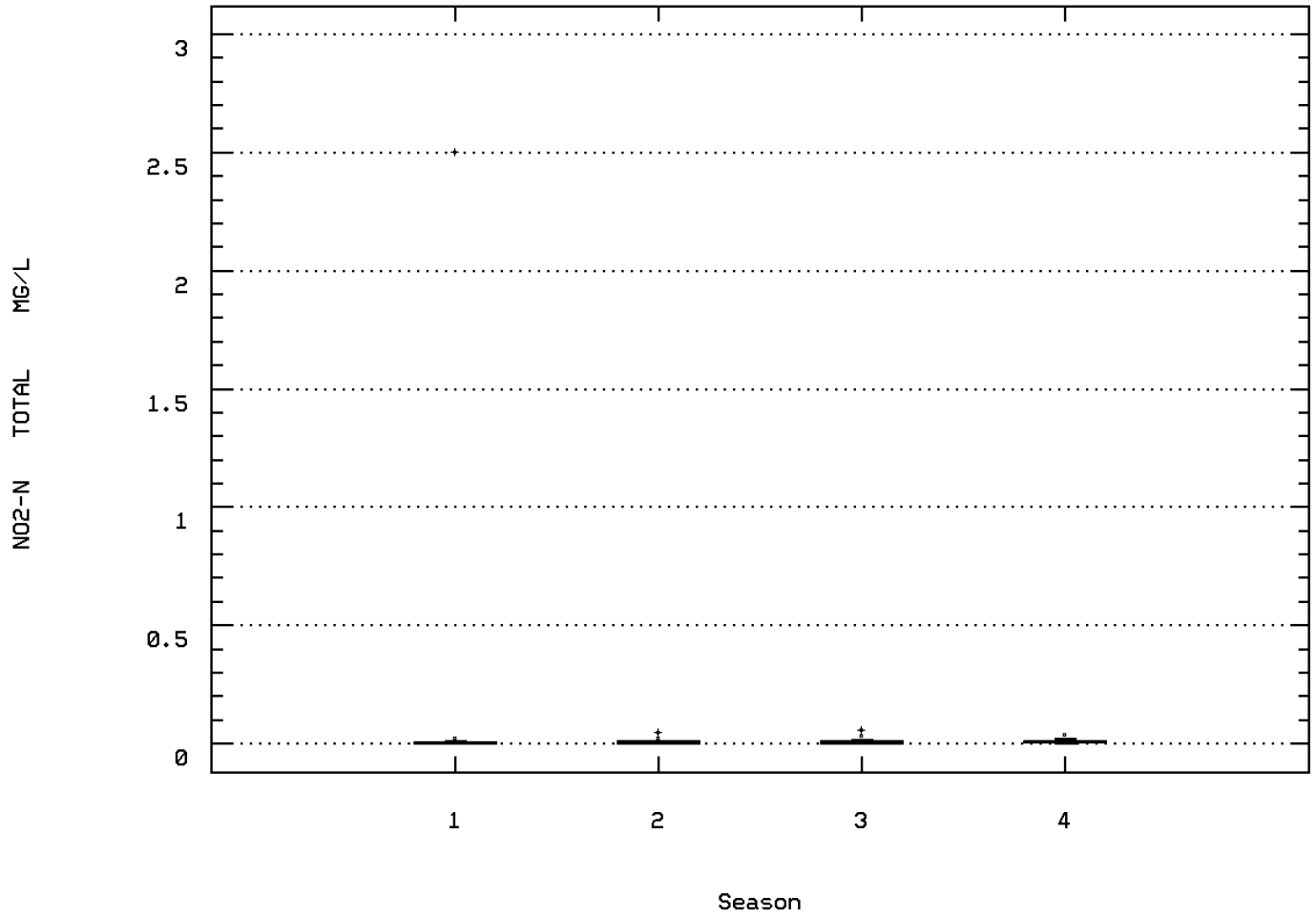
NITROGEN, AMMONIA, TOTAL (MG/L AS N)



BATTENKILL CREEK

Station: SARA0004 Parameter Code: 00615

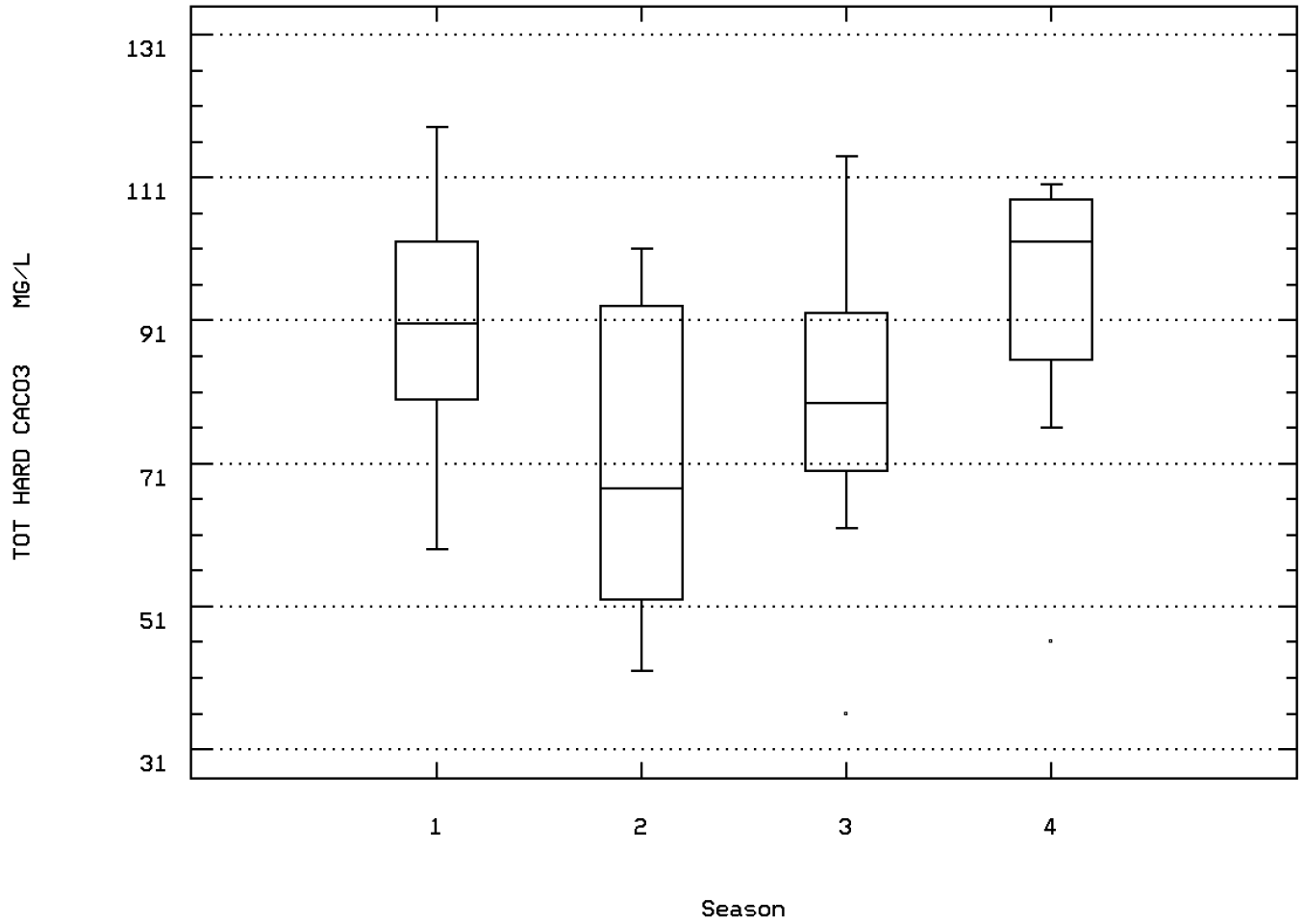
NITRITE NITROGEN, TOTAL (MG/L AS N)



BATTENKILL CREEK

Station: SARA0004 Parameter Code: 00900

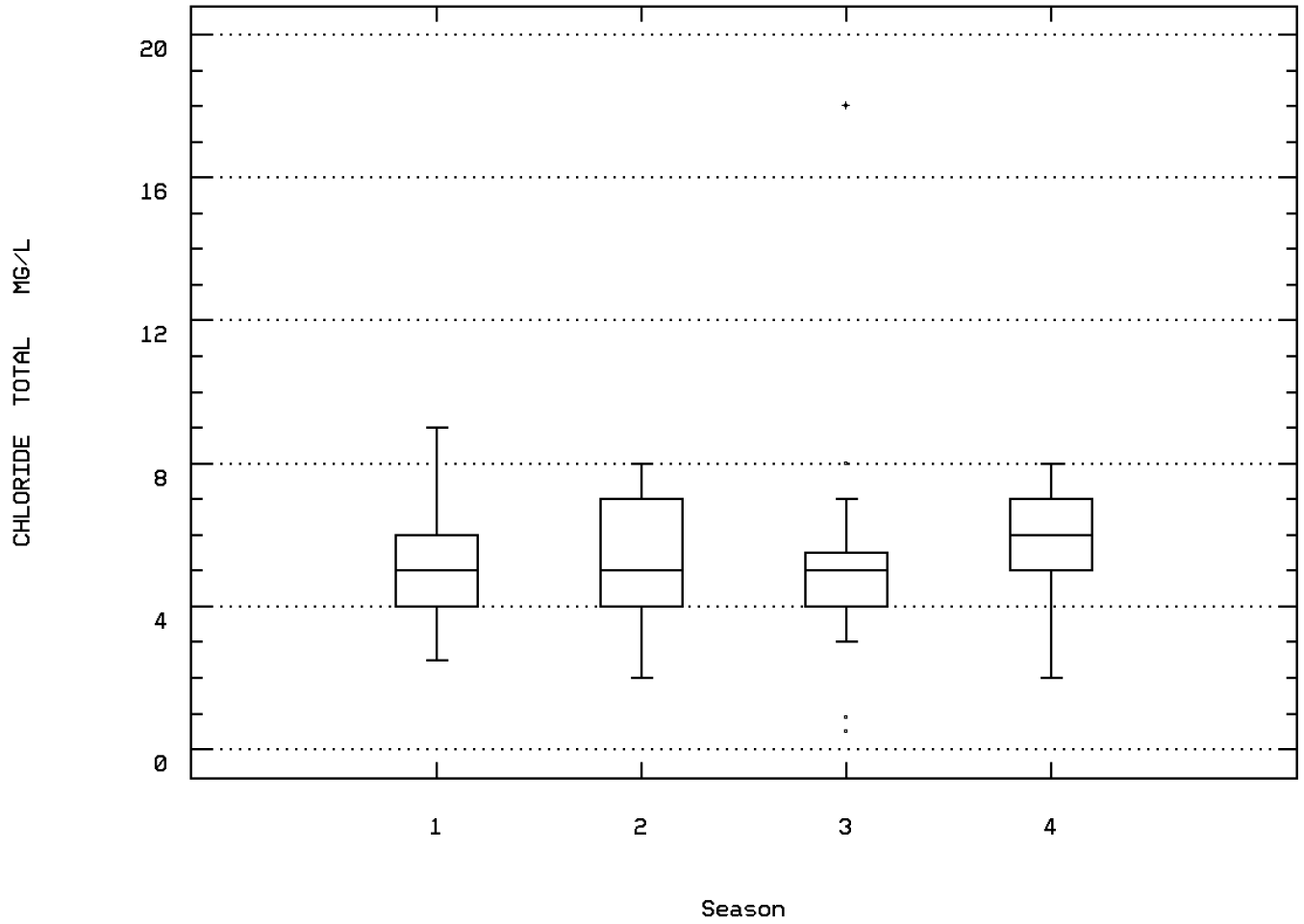
HARDNESS, TOTAL (MG/L AS CACO3)



BATTENKILL CREEK

Station: SARA0004 Parameter Code: 00940

CHLORIDE,TOTAL IN WATER



BATTENKILL CREEK

Station Inventory for Station: SARA0005

NPS Station ID: SARA0005
LAT/LON: 43.205559/ -73.551670
Agency: 112WRD
Date Created: / /
Location: MOSES KILL NEAR FORT MILLER NY
FIPS State/County: 36115 NEW YORK/WASHINGTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 01328700
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02020003
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02020003
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02020003006402.33
RF3 Mile Point: 3.94
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: SARA0005

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/06/66-10/06/66	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	10/06/66-10/06/66	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/06/66-10/06/66	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/06/66-10/06/66	1	368.	368.	368.	368.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/06/66-10/06/66	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/06/66-10/06/66	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/06/66-10/06/66	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/06/66-10/06/66	1	148.	148.	148.	148.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	10/06/66-10/06/66	1	181.	181.	181.	181.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	10/06/66-10/06/66	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/06/66-10/06/66	1	187.	187.	187.	187.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/06/66-10/06/66	1	38.	38.	38.	38.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/06/66-10/06/66	1	52.	52.	52.	52.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/06/66-10/06/66	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/06/66-10/06/66	1	5.55	5.55	5.55	5.55	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	10/06/66-10/06/66	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	10/06/66-10/06/66	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/06/66-10/06/66	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/06/66-10/06/66	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/06/66-10/06/66	1	36.	36.	36.	36.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/06/66-10/06/66	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/06/66-10/06/66	1	3.4	3.4	3.4	3.4	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/06/66-10/06/66	1	217.	217.	217.	217.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/06/66-10/06/66	1	11.4	11.4	11.4	11.4	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/06/66-10/06/66	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/06/66-10/06/66	1	0.2	0.2	0.2	0.2	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: SARA0005

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/20-2/29 Obs	9/20-2/29 Exceed	9/20-2/29 Prop.	3/01-4/30 Obs	3/01-4/30 Exceed	3/01-4/30 Prop.	5/01-6/30 Obs	5/01-6/30 Exceed	5/01-6/30 Prop.	7/01-9/19 Obs	7/01-9/19 Exceed	7/01-9/19 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	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: SARA0005

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/20-2/29 Obs	9/20-2/29 Exceed	9/20-2/29 Prop.	3/01-4/30 Obs	3/01-4/30 Exceed	3/01-4/30 Prop.	5/01-6/30 Obs	5/01-6/30 Exceed	5/01-6/30 Prop.	7/01-9/19 Obs	7/01-9/19 Exceed	7/01-9/19 Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	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 Inventory for Station: SARA0006

NPS Station ID: SARA0006
LAT/LON: 43.115837/ -73.566949
Agency: 21NYDEC2
Date Created: 02/09/79
Location: BATTEN KILL AT CLARK'S MILL
FIPS State/County: 36115 NEW YORK/WASHINGTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 11F03001
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02020003
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: UPPER HUDSON RIVER
ECO Region:
RF1 Index: 02020003033
RF1 Mile Point: 0.680
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02020003035200.00
RF3 Mile Point: 0.28
Distance from RF3: 0.05
On/Off RF3:
Description:
DATA FROM NEW YORK DEPARTMENT OF ENVIRONMENTAL CONSERVATION SAMPLES ANALYZED FOR TOXICS SAMPLE TAKEN FROM
BATTEN KILL AT CLARK'S MILL

Parameter Inventory for Station: SARA0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34690	PCB - 1254 WET WGTTISMG/KG	06/24/77-06/24/77	2	1.005	1.005	1.09	0.92	0.014	0.12	**	**	**	**
39105	PERCENT FAT HEXANE EXTRACTION	06/24/77-06/24/77	2	2.	2.	2.8	1.2	1.28	1.131	**	**	**	**
39376	DDT SUM ANALOGS INTISSUE WET WGT BASIS	06/24/77-06/24/77	2	0.05	0.05	0.06	0.04	0.	0.014	**	**	**	**
39515	PCBS (MG/KG) FISH TISSUE MG/KG	06/24/77-06/24/77	2	1.535	1.535	1.82	1.25	0.162	0.403	**	**	**	**
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	06/24/77-06/24/77	2	0.385	0.385	0.41	0.36	0.001	0.035	**	**	**	**
71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	06/24/77-06/24/77	2	0.355	0.355	0.42	0.29	0.008	0.092	**	**	**	**
71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	06/24/77-06/24/77	2	0.25	0.25	0.31	0.19	0.007	0.085	**	**	**	**
71938	ZINC,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	06/24/77-06/24/77	2	8.	8.	9.16	6.84	2.691	1.64	**	**	**	**
71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	06/24/77-06/24/77	2	0.095	0.095	0.11	0.08	0.	0.021	**	**	**	**
71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	06/24/77-06/24/77	2	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
81371	PCBS AROCLOR 1016&1242 IN FISH TISSUE WET WGT UG/G	06/24/77-06/24/77	2	0.53	0.53	0.73	0.33	0.08	0.283	**	**	**	**
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	06/24/77-06/24/77	2	9.	9.	10.	8.	2.	1.414	**	**	**	**
81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	06/24/77-06/24/77	2	1.	1.	1.	1.	0.	0.	**	**	**	**
81645	MIREX IN FISH TISSUE WET WEIGHT UG/G	06/24/77-06/24/77	2	0.01	0.01	0.01	0.01	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: SARA0007

NPS Station ID: SARA0007
LAT/LON: 43.115837/ -73.568615
Agency: 112WRD
Date Created: 09/30/89
Location: BATTEN KILL AT CLARKS MILLS NR SCHUYLERVILLE NY
FIPS State/County: 36115 NEW YORK/WASHINGTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 01329644
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02020003
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02020003
RF1 Mile Point: 0.000
Distance from RF1: 0.20
On/Off RF1:
RF3 Index: 02020003003308.64
RF3 Mile Point: 9.99
Distance from RF3: 0.05
On/Off RF3:
Description:

Parameter Inventory for Station: SARA0007

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: SARA0008

NPS Station ID: SARA0008
LAT/LON: 43.115837/ -73.568615
Agency: 21NYDECA
Date Created: 02/18/89
Location: BATTEN KILL IN GREENWICH @ CLARK MILL DAM
FIPS State/County: 36115 NEW YORK/WASHINGTON
Station Type: /TYPA/AMBNT/STREAM/NET
STORET Station ID(s): 11031007
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02020003
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id: BATTEN KILL IN GREENWICH
Minor Basin: UPPER HUDSON RIVER
ECO Region:
RF1 Index: 02020003
RF1 Mile Point: 0.000
Distance from RF1: 1.40
On/Off RF1:
RF3 Index: 02020003003303.83
RF3 Mile Point: 4.40
Distance from RF3: 0.28
On/Off RF3:
Description:

Parameter Inventory for Station: SARA0008

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: SARA0009

NPS Station ID: SARA0009
LAT/LON: 43.098337/ -73.573616
Agency: 112WRD
Date Created: 07/30/76
Location: HUDSON RIVER AT SCHUYLERVILLE NY
FIPS State/County: 36091 NEW YORK/SARATOGA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 01329650
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02020003
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02020003
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02020003005703.92
RF3 Mile Point: 13.81
Distance from RF3: 0.05
On/Off RF3:
Description:

Parameter Inventory for Station: SARA0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/12/82-11/07/88	26	18.25	14.746	28.8	2.	75.75	8.703	2.	5.125	22.	23.15
00025	BAROMETRIC PRESSURE (MM OF HG)	03/31/88-11/07/88	7	763.	761.571	772.	754.	42.619	6.528	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	03/31/88-11/07/88	9	3700.	5085.556	14000.	770.	17913377.778	4232.42	770.	2050.	7950.	14000.
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/26/76-09/28/90	333	6870.	11227.39	44200.	0.	101014291.124	10050.587	2450.	3305.	17850.	27060.
00065	STAGE, STREAM (FEET)	04/27/83-07/02/86	32	87.04	87.579	93.78	83.95	9.44	3.072	84.456	84.838	89.863	92.282
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/22/87-11/07/88	16	1.6	2.269	7.5	0.5	3.817	1.954	0.85	1.2	2.675	6.73
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/22/80-11/07/88	124	91.	95.065	149.	53.	641.524	25.328	62.5	75.25	116.	130.
00300	OXYGEN, DISSOLVED MG/L	05/14/87-11/07/88	15	10.5	10.827	18.8	7.5	9.714	3.117	7.56	8.	12.1	16.04
00400	PH (STANDARD UNITS)	03/22/80-11/07/88	42	7.3	7.175	7.91	6.1	0.198	0.445	6.53	6.8	7.5	7.6
00400	CONVERTED PH (STANDARD UNITS)	03/22/80-11/07/88	42	7.3	6.923	7.91	6.1	0.263	0.513	6.53	6.8	7.5	7.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/22/80-11/07/88	42	0.05	0.119	0.794	0.012	0.026	0.162	0.025	0.032	0.158	0.297
00403	PH, LAB, STANDARD UNITS SU	08/12/79-11/07/88	12	7.7	7.633	7.8	7.1	0.037	0.192	7.22	7.6	7.775	7.8
00403	CONVERTED PH, LAB, STANDARD UNITS	08/12/79-11/07/88	12	7.7	7.583	7.8	7.1	0.04	0.199	7.22	7.6	7.775	7.8
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/12/79-11/07/88	12	0.02	0.026	0.079	0.016	0.	0.017	0.016	0.017	0.025	0.065
00496	LOSS ON IGNITION, BOTTOM DEPOSITS (MG/KG)	10/26/87-08/15/88	2	51950.	51950.	69800.	34100.	637245000.	25243.712	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	04/22/87-11/07/88	16	91.5	94.375	135.	68.	457.85	21.397	70.1	74.5	114.75	127.3
00505	RESIDUE, TOTAL VOLATILE (MG/L)	04/22/87-11/07/88	16	35.5	37.875	68.	22.	149.05	12.209	22.	28.	47.	55.4
00510	RESIDUE, TOTAL FIXED (MG/L)	04/22/87-11/07/88	16	54.	57.25	85.	32.	301.	17.349	32.7	41.5	76.	82.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/30/76-11/13/80	76	10.	20.395	276.	0.	1312.909	36.234	1.	4.	22.	49.1
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/30/76-11/13/80	76	2.5	4.526	32.	0.	36.413	6.034	0.	0.	6.	13.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/29/79-11/13/80	25	4.	14.8	86.	0.	572.333	23.923	0.	0.	18.5	65.6
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	03/30/77-09/27/77	27	1.	2.852	18.	0.	24.516	4.951	0.	0.	3.	12.2
00600	NITROGEN, TOTAL (MG/L AS N)	03/14/77-12/05/78	46	1.15	1.222	2.1	0.51	0.14	0.375	0.837	0.975	1.4	1.93
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/22/87-11/07/88	16	0.05	0.066	0.21	0.01	0.003	0.056	0.01	0.033	0.078	0.196
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/22/87-11/07/88	16	0.005	0.011	0.05	0.	0.	0.015	0.	0.	0.02	0.043
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/14/77-11/07/88	62	0.575	0.615	1.4	0.15	0.069	0.264	0.303	0.438	0.7	1.046
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/14/77-11/07/88	62	0.48	0.509	1.5	0.19	0.052	0.228	0.256	0.38	0.593	0.722
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/14/77-11/07/88	62	0.03	0.043	0.22	0.01	0.001	0.032	0.02	0.02	0.053	0.08
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/22/87-11/07/88	16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/24/87-09/24/87	1	34.	34.	34.	34.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/22/87-11/07/88	15	13.	13.073	18.	8.2	9.986	3.16	8.26	10.6	15.	18.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/22/87-11/07/88	15	2.3	2.34	3.5	1.5	0.368	0.607	1.56	1.9	2.7	3.38
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/31/88-11/07/88	9	6.4	5.811	7.8	3.5	2.631	1.622	3.5	4.05	7.25	7.8
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/31/88-11/07/88	9	0.7	0.667	0.8	0.6	0.005	0.071	0.6	0.6	0.7	0.8
00940	CHLORIDE,TOTAL IN WATER MG/L	03/31/88-11/07/88	9	9.	8.222	10.	5.	4.194	2.048	5.	6.	10.	10.
00945	SULFATE, TOTAL (MG/L AS SO4)	03/31/88-11/07/88	9	15.	16.556	23.	13.	11.278	3.358	13.	14.	19.5	23.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/31/88-11/07/88	9	0.1	0.133	0.3	0.1	0.005	0.071	0.1	0.1	0.15	0.3
01000	ARSENIC, DISSOLVED (UG/L AS AS)	03/30/76-03/30/76	1 ##	0.5	0.5	0.5	0.5	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 time series plot

Parameter Inventory for Station: SARA0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01002	ARSENIC, TOTAL (UG/L AS AS)	03/30/76-03/30/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	03/30/76-11/07/88	7 ##	0.5	0.643	2.	0.	0.393	0.627	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	03/30/76-11/07/88	17 ##	0.5	1.647	5.	0.	3.743	1.935	0.4	0.5	3.	5.
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/26/87-08/15/88	2	1.5	1.5	2.	1.	0.5	0.707	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/26/87-10/26/87	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	03/30/76-11/07/88	7	3.	3.071	5.	0.5	2.536	1.592	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	03/30/76-11/07/88	17	5.	6.353	20.	3.	15.368	3.92	3.	5.	7.	12.
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	10/26/87-08/15/88	2	16.	16.	19.	13.	18.	4.243	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	03/30/76-11/07/88	81	330.	723.704	11000.	30.	1682841.111	1297.244	190.	230.	725.	1660.
01046	IRON, DISSOLVED (UG/L AS FE)	03/30/76-11/07/88	5	68.	74.8	93.	60.	286.7	16.932	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	03/30/76-11/07/88	7 ##	2.5	2.786	5.	2.	0.988	0.994	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	03/30/76-11/07/88	75	7.	9.567	50.	0.	86.029	9.275	2.	2.5	12.	20.
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	10/26/87-08/15/88	2	40.	40.	50.	30.	200.	14.142	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	10/26/87-08/15/88	2	97.	97.	100.	94.	18.	4.243	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	03/30/76-11/07/88	81	40.	173.272	10000.	5.	1224283.225	1106.473	20.	30.	60.	100.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/30/76-11/07/88	5	20.	22.4	34.	10.	124.8	11.171	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	07/29/87-11/07/88	6	1.5	1.75	4.	0.5	1.575	1.255	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	04/22/87-11/07/88	16	3.	6.656	50.	0.5	149.524	12.228	0.5	1.	6.5	26.2
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/26/87-08/15/88	2	10.	10.	10.	10.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	03/30/76-11/07/88	7 ##	10.	9.929	20.	1.5	47.702	6.907	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	03/30/76-11/07/88	17 ##	5.	8.824	30.	5.	54.779	7.401	5.	5.	10.	22.
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	10/26/87-08/15/88	2	80.	80.	90.	70.	200.	14.142	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	03/31/88-11/07/88	9	110.	355.556	1000.	60.	138527.778	372.193	60.	75.	690.	1000.
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	03/31/88-11/07/88	4	40.	40.	40.	40.	0.	0.	**	**	**	**
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	08/15/88-08/15/88	1	5300.	5300.	5300.	5300.	0.	0.	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	10/26/87-08/15/88	2	7050.	7050.	7400.	6700.	245000.	494.975	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/14/87-10/04/88	14	7000.	21192.857	170000.	400.	1913588406.593	43744.581	1200.	5200.	15250.	103000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/14/87-10/04/88	14	3.845	3.908	5.23	2.602	0.354	0.595	2.952	3.712	4.179	4.893
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			8091.984								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	05/14/87-10/04/88	14	800.	822.143	2000.	50.	235018.132	484.787	125.	500.	1050.	1650.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	05/14/87-10/04/88	14	2.903	2.805	3.301	1.699	0.156	0.394	2.	2.699	3.02	3.207
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			637.844								
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	04/22/87-11/07/88	16 ##	0.25	0.322	0.5	0.1	0.03	0.172	0.1	0.138	0.5	0.5
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	04/22/87-11/07/88	16 ##	0.25	0.309	0.5	0.05	0.036	0.19	0.05	0.1	0.5	0.5
32104	BROMOFORM,WHOLE WATER,UG/L	04/22/87-11/07/88	16 ##	0.25	0.334	0.5	0.15	0.024	0.156	0.15	0.175	0.5	0.5
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	04/22/87-11/07/88	16 ##	0.25	0.309	0.5	0.05	0.036	0.19	0.05	0.1	0.5	0.5
32106	CHLOROFORM,WHOLE WATER,UG/L	04/22/87-11/07/88	16 ##	0.25	0.331	0.5	0.05	0.027	0.163	0.085	0.213	0.5	0.5
34257	B-BHC-BETA DRY WGTBOTUG/KG	08/15/88-08/15/88	1	0.	0.	0.	0.	0.	0.	**	**	**	**
34262	DELTA BENZENE HEXACHLORIDE DRY WGTBOTUG/KG	08/15/88-08/15/88	1	0.	0.	0.	0.	0.	0.	**	**	**	**
34301	CHLOROBENZENE TOTWUG/L	04/22/87-11/07/88	16 ##	0.25	0.334	0.5	0.15	0.024	0.156	0.15	0.175	0.5	0.5
34311	CHLOROETHANE TOTWUG/L	04/22/87-11/07/88	16 ##	0.25	0.347	0.5	0.2	0.02	0.141	0.2	0.213	0.5	0.5
34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	08/15/88-08/15/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	08/15/88-08/15/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	08/15/88-08/15/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	08/15/88-08/15/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34413	METHYL BROMIDE TOTWUG/L	04/22/87-11/07/88	16 ##	0.5	0.447	0.6	0.25	0.02	0.143	0.25	0.25	0.575	0.6
34418	METHYL CHLORIDE TOTWUG/L	04/22/87-11/07/88	16 ##	0.25	0.322	0.5	0.1	0.03	0.172	0.1	0.138	0.5	0.5
34423	METHYLENE CHLORIDE TOTWUG/L	04/22/87-11/07/88	16 ##	0.375	0.375	0.5	0.25	0.017	0.129	0.25	0.25	0.5	0.5
34475	TETRACHLOROETHYLENE TOTWUG/L	04/22/87-11/07/88	16 ##	0.25	0.322	0.5	0.1	0.03	0.172	0.1	0.138	0.5	0.5
34496	1,1-DICHLOROETHANE TOTWUG/L	04/22/87-11/07/88	16 ##	0.25	0.322	0.5	0.1	0.03	0.172	0.1	0.138	0.5	0.5
34501	1,1-DICHLOROETHYLENE TOTWUG/L	04/22/87-11/07/88	16 ##	0.25	0.309	0.5	0.05	0.036	0.19	0.05	0.1	0.5	0.5
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	04/22/87-11/07/88	16 ##	0.25	0.322	0.5	0.1	0.03	0.172	0.1	0.138	0.5	0.5
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	04/22/87-11/07/88	16 ##	0.25	0.309	0.5	0.05	0.036	0.19	0.05	0.1	0.5	0.5
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	04/22/87-11/07/88	16 ##	0.25	0.309	0.5	0.05	0.036	0.19	0.05	0.1	0.5	0.5
34531	1,2-DICHLOROETHANE TOTWUG/L	04/22/87-11/07/88	16 ##	0.25	0.334	0.5	0.15	0.024	0.156	0.15	0.175	0.5	0.5
34536	1,2-DICHLOROBENZENE TOTWUG/L	04/22/87-11/07/88	16 ##	0.25	0.322	0.5	0.1	0.03	0.172	0.1	0.138	0.5	0.5
34541	1,2-DICHLOROPROPANE TOTWUG/L	04/22/87-11/07/88	16 ##	0.25	0.322	0.5	0.1	0.03	0.172	0.1	0.138	0.5	0.5
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	04/22/87-11/07/88	16 ##	0.25	0.334	0.5	0.15	0.024	0.156	0.15	0.175	0.5	0.5
34566	1,3-DICHLOROBENZENE TOTWUG/L	04/22/87-11/07/88	16 ##	0.25	0.347	0.5	0.2	0.02	0.141	0.2	0.213	0.5	0.5
34571	1,4-DICHLOROBENZENE TOTWUG/L	04/22/87-11/07/88	16 ##	0.25	0.334	0.5	0.15	0.024	0.156	0.15	0.175	0.5	0.5
34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	04/22/87-11/07/88	16 ##	0.25	0.322	0.5	0.1	0.03	0.172	0.1	0.138	0.5	0.5
34671	PCB - 1016 TOTWUG/L	05/01/86-09/28/90	74 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	03/31/88-11/07/88	9 ##	0.5	0.833	2.	0.	0.5	0.707	0.	0.5	1.5	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

Parameter Inventory for Station: SARA0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	04/22/87-11/07/88	16 ##	0.25	0.334	0.5	0.15	0.024	0.156	0.15	0.175	0.5	0.5
34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	04/22/87-11/07/88	16 ##	0.25	0.334	0.5	0.15	0.024	0.156	0.15	0.175	0.5	0.5
39024	PROPAZINE,COULSON CONDUCTIVITY,WATER SAMPL(UG/L)	08/14/86-08/14/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39034	PERTHANE IN WHOLE WATER SAMPLE (UG/L)	12/05/78-06/21/79	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39054	SIMETRYNE IN WHOLE WATER (UG/L)	08/14/86-08/14/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39055	SIMAZINE IN WHOLE WATER (UG/L)	08/14/86-08/14/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39056	PROMETONE IN WHOLE WATER (UG/L)	08/14/86-08/14/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39057	PROMETRYNE IN WHOLE WATER (UG/L)	08/14/86-08/14/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	08/15/88-08/15/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	04/22/87-11/07/88	16 ##	0.25	0.334	0.5	0.15	0.024	0.156	0.15	0.175	0.5	0.5
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	04/22/87-11/07/88	16 ##	0.25	0.309	0.5	0.05	0.036	0.19	0.05	0.1	0.5	0.5
39250	NAPTHALENES, POLYCHLORINATED (UG/L)	03/14/77-08/27/79	58	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	08/12/79-08/12/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/15/88-08/15/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/15/88-08/15/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/15/88-08/15/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	03/14/77-08/27/79	58	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39331	ALDRIN IN FILT. FRAC. OF WAT. SAMP. (UG/L)	08/12/79-08/12/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/15/88-08/15/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	03/14/77-06/21/79	53	0.	0.	0.01	0.	0.	0.001	0.	0.	0.	0.
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	03/14/77-06/21/79	53	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	08/15/88-08/15/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	03/14/77-06/21/79	53	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	03/14/77-06/21/79	53	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	03/14/77-06/21/79	53	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	03/14/77-06/21/79	53	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/15/88-08/15/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	03/15/77-06/21/79	16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	03/14/77-06/21/79	53	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/15/88-08/15/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/15/88-08/15/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	03/14/77-06/21/79	53	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/15/88-08/15/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	03/14/77-06/21/79	53	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	08/15/88-08/15/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	03/14/77-06/21/79	53	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	08/15/88-08/15/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	08/15/88-08/15/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	05/01/86-09/28/90	74 ##	0.05	0.051	0.1	0.05	0.	0.008	0.05	0.05	0.05	0.05
39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	08/15/88-08/15/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-09/28/90	74 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-09/28/90	74 ##	0.05	0.049	0.15	0.002	0.	0.015	0.04	0.05	0.05	0.05
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-09/28/90	74 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	08/15/88-08/15/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-09/28/90	69 ##	0.05	0.047	0.06	0.01	0.	0.011	0.03	0.05	0.05	0.05
39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	08/15/88-08/15/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-09/28/90	74 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	08/15/88-08/15/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	03/14/77-09/15/89	288	0.1	0.25	3.6	0.	0.161	0.401	0.029	0.05	0.3	0.7
39517	PCBS IN FILT. FRAC. OF WATER SAMPLE (UG/L)	08/12/79-06/17/81	2	0.25	0.25	0.4	0.1	0.045	0.212	**	**	**	**
39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/15/88-08/15/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/15/88-08/15/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/15/88-08/15/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	08/14/86-08/14/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39631	ATRAZINE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	08/15/88-08/15/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39755	MIREX, TOTAL (UG/L)	03/30/77-08/31/78	42	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	08/15/88-08/15/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/22/87-11/07/88	16	81.	78.938	112.	43.	402.463	20.061	50.7	61.25	94.	111.3
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	03/24/76-02/21/81	35	75.	76.686	100.	52.	163.634	12.792	60.8	68.	86.	97.
71887	NITROGEN, TOTAL, AS NO3 - MG/L	03/14/77-12/05/78	46	5.05	5.402	9.5	2.3	2.683	1.638	3.7	4.3	6.325	8.46
71900	MERCURY, TOTAL (UG/L AS HG)	04/22/87-11/07/88	16 ##	0.05	0.063	0.2	0.05	0.002	0.039	0.05	0.05	0.05	0.13
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	10/26/87-08/15/88	2	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/24/76-09/28/90	307	7.	18.137	150.	0.	653.726	25.568	2.	3.	19.	54.2

** - 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

Parameter Inventory for Station: SARA0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/26/76-12/18/87	185	98.	1177.659	9400.	0.	4298244.082	2073.221	14.	35.	1480.	4046.
80157	BED MATERIAL FALL DIAMETER, % FINER THAN .004MM	10/26/87-08/15/88	2	1.85	1.85	3.	0.7	2.645	1.626	**	**	**	**
80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/26/87-08/15/88	2	12.5	12.5	16.	9.	24.5	4.95	**	**	**	**
80165	BED MATERIAL SIEVE DIAMETER,% FINER THAN .125MM	10/26/87-08/15/88	2	70.	70.	100.	40.	1800.	42.426	**	**	**	**
80169	BED MATERIAL SIEVE DIAMETER,% FINER THAN 2.00MM	10/26/87-08/15/88	2	50.	50.	100.	0.	5000.	70.711	**	**	**	**
81404	DURSBAN,BOTTOM DEPOSITS,DRY WGT,UG/KG	08/15/88-08/15/88	1	0.	0.	0.	0.	0.	0.	**	**	**	**
81757	CYANAZINE IN THE WHOLE WATER SAMPLE UG/L	08/14/86-08/14/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
82184	AMETRYNE (GESAPAX OR EVIK) TOTAL UG/L	08/14/86-08/14/86	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: SARA0009

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/20-2/29 Obs	9/20-2/29 Exceed	9/20-2/29 Prop.	3/01-4/30 Obs	3/01-4/30 Exceed	3/01-4/30 Prop.	5/01-6/30 Obs	5/01-6/30 Exceed	5/01-6/30 Prop.	7/01-9/19 Obs	7/01-9/19 Exceed	7/01-9/19 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	16	0	0.00	5	0	0.00	4	0	0.00	5	0	0.00	2	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	15	0	0.00	5	0	0.00	3	0	0.00	5	0	0.00	2	0	0.00
00400	PH	Other-Hi Lim.	9.	42	0	0.00	16	0	0.00	6	0	0.00	8	0	0.00	12	0	0.00
		Other-Lo Lim.	6.5	42	4	0.10	16	2	0.13	6	2	0.33	8	0	0.00	12	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	12	0	0.00	3	0	0.00	3	0	0.00	4	0	0.00	2	0	0.00
		Other-Lo Lim.	6.5	12	0	0.00	3	0	0.00	3	0	0.00	4	0	0.00	2	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	16	0	0.00	5	0	0.00	4	0	0.00	5	0	0.00	2	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	62	0	0.00	13	0	0.00	19	0	0.00	11	0	0.00	19	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	9	0	0.00	2	0	0.00	3	0	0.00	3	0	0.00	1	0	0.00
		Drinking Water	250.	9	0	0.00	2	0	0.00	3	0	0.00	3	0	0.00	1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	9	0	0.00	2	0	0.00	3	0	0.00	3	0	0.00	1	0	0.00
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	9	0	0.00	2	0	0.00	3	0	0.00	3	0	0.00	1	0	0.00
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	7	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00	1	0	0.00
		Drinking Water	5.	7	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00	1	0	0.00
01027	CADMIUM, TOTAL	Fresh Acute	3.9	13 &	0	0.00	5	0	0.00	4	0	0.00	3	0	0.00	1	0	0.00
		Drinking Water	5.	13 &	0	0.00	5	0	0.00	4	0	0.00	3	0	0.00	1	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	7	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00	1	0	0.00
		Drinking Water	1300.	7	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00	1	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	17	1	0.06	5	0	0.00	5	0	0.00	5	0	0.00	2	1	0.50
		Drinking Water	1300.	17	0	0.00	5	0	0.00	5	0	0.00	5	0	0.00	2	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	7	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00	1	0	0.00
		Drinking Water	15.	7	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00	1	0	0.00
01051	LEAD, TOTAL	Fresh Acute	82.	75	0	0.00	13	0	0.00	25	0	0.00	14	0	0.00	23	0	0.00
		Drinking Water	15.	74 &	13	0.18	13	3	0.23	24	8	0.33	14	0	0.00	23	2	0.09
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	6	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00
		Drinking Water	100.	6	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00
01067	NICKEL, TOTAL	Fresh Acute	1400.	16	0	0.00	5	0	0.00	4	0	0.00	5	0	0.00	2	0	0.00
		Drinking Water	100.	16	0	0.00	5	0	0.00	4	0	0.00	5	0	0.00	2	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	7	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00	1	0	0.00
		Drinking Water	5000.	7	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00	1	0	0.00
01092	ZINC, TOTAL	Fresh Acute	120.	17	0	0.00	5	0	0.00	5	0	0.00	5	0	0.00	2	0	0.00
		Drinking Water	5000.	17	0	0.00	5	0	0.00	5	0	0.00	5	0	0.00	2	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	14	13	0.93	4	4	1.00	3	3	1.00	5	5	1.00	2	1	0.50
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	14	13	0.93	4	4	1.00	3	3	1.00	5	5	1.00	2	1	0.50
32101	BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	16	0	0.00	5	0	0.00	4	0	0.00	5	0	0.00	2	0	0.00
32102	CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	16	0	0.00	5	0	0.00	4	0	0.00	5	0	0.00	2	0	0.00
		Drinking Water	5.	16	0	0.00	5	0	0.00	4	0	0.00	5	0	0.00	2	0	0.00
32104	BROMOFORM, WHOLE WATER	Drinking Water	100.	16	0	0.00	5	0	0.00	4	0	0.00	5	0	0.00	2	0	0.00
32105	DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	16	0	0.00	5	0	0.00	4	0	0.00	5	0	0.00	2	0	0.00
32106	CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	16	0	0.00	5	0	0.00	4	0	0.00	5	0	0.00	2	0	0.00
		Drinking Water	100.	16	0	0.00	5	0	0.00	4	0	0.00	5	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

EPA Water Quality Criteria Analysis for Station: SARA0009

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/20-2/29 Obs	9/20-2/29 Exceed	9/20-2/29 Prop.	3/01-4/30 Obs	3/01-4/30 Exceed	3/01-4/30 Prop.	5/01-6/30 Obs	5/01-6/30 Exceed	5/01-6/30 Prop.	7/01-9/19 Obs	7/01-9/19 Exceed	7/01-9/19 Prop.
34301	CHLOROBENZENE, TOTAL	Drinking Water	100.	16	0	0.00	5	0	0.00	4	0	0.00	5	0	0.00	2	0	0.00
34423	METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	16	0	0.00	5	0	0.00	4	0	0.00	5	0	0.00	2	0	0.00
34475	TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	16	0	0.00	5	0	0.00	4	0	0.00	5	0	0.00	2	0	0.00
		Drinking Water	5.	16	0	0.00	5	0	0.00	4	0	0.00	5	0	0.00	2	0	0.00
34501	1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	16	0	0.00	5	0	0.00	4	0	0.00	5	0	0.00	2	0	0.00
34506	1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	16	0	0.00	5	0	0.00	4	0	0.00	5	0	0.00	2	0	0.00
34511	1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	16	0	0.00	5	0	0.00	4	0	0.00	5	0	0.00	2	0	0.00
34531	1,2-DICHLOROETHANE, TOTAL	Fresh Acute	118000.	16	0	0.00	5	0	0.00	4	0	0.00	5	0	0.00	2	0	0.00
		Drinking Water	5.	16	0	0.00	5	0	0.00	4	0	0.00	5	0	0.00	2	0	0.00
34536	1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	16	0	0.00	5	0	0.00	4	0	0.00	5	0	0.00	2	0	0.00
34541	1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	16	0	0.00	5	0	0.00	4	0	0.00	5	0	0.00	2	0	0.00
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	16	0	0.00	5	0	0.00	4	0	0.00	5	0	0.00	2	0	0.00
34566	1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	16	0	0.00	5	0	0.00	4	0	0.00	5	0	0.00	2	0	0.00
34571	1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	16	0	0.00	5	0	0.00	4	0	0.00	5	0	0.00	2	0	0.00
34694	PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	Fresh Acute	10200.	9	0	0.00	2	0	0.00	3	0	0.00	3	0	0.00	1	0	0.00
39055	SIMAZINE IN WHOLE WATER	Drinking Water	4.	1	0	0.00										1	0	0.00
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	16	0	0.00	5	0	0.00	4	0	0.00	5	0	0.00	2	0	0.00
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	16	0	0.00	5	0	0.00	4	0	0.00	5	0	0.00	2	0	0.00
		Drinking Water	5.	16	0	0.00	5	0	0.00	4	0	0.00	5	0	0.00	2	0	0.00
39300	P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	1	0	0.00										1	0	0.00
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	58	0	0.00	8	0	0.00	20	0	0.00	10	0	0.00	20	0	0.00
39331	ALDRIN IN FILT. FRAC. OF WAT. SAMP.	Fresh Acute	3.	1	0	0.00										1	0	0.00
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	53	0	0.00	8	0	0.00	20	0	0.00	9	0	0.00	16	0	0.00
		Drinking Water	0.2	53	0	0.00	8	0	0.00	20	0	0.00	9	0	0.00	16	0	0.00
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	53	0	0.00	8	0	0.00	20	0	0.00	9	0	0.00	16	0	0.00
		Drinking Water	2.	53	0	0.00	8	0	0.00	20	0	0.00	9	0	0.00	16	0	0.00
39360	DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	53	0	0.00	8	0	0.00	20	0	0.00	9	0	0.00	16	0	0.00
39365	DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	53	0	0.00	8	0	0.00	20	0	0.00	9	0	0.00	16	0	0.00
39370	DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	53	0	0.00	8	0	0.00	20	0	0.00	9	0	0.00	16	0	0.00
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	53	0	0.00	8	0	0.00	20	0	0.00	9	0	0.00	16	0	0.00
39388	ENDOSULFAN IN WHOLE WATER SAMPLE	Fresh Acute	0.22	16	0	0.00	1	0	0.00	6	0	0.00	4	0	0.00	5	0	0.00
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	53	0	0.00	8	0	0.00	20	0	0.00	9	0	0.00	16	0	0.00
		Drinking Water	2.	53	0	0.00	8	0	0.00	20	0	0.00	9	0	0.00	16	0	0.00
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	53	0	0.00	8	0	0.00	20	0	0.00	9	0	0.00	16	0	0.00
		Drinking Water	3.	53	0	0.00	8	0	0.00	20	0	0.00	9	0	0.00	16	0	0.00
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	53	0	0.00	8	0	0.00	20	0	0.00	9	0	0.00	16	0	0.00
		Drinking Water	0.4	53	0	0.00	8	0	0.00	20	0	0.00	9	0	0.00	16	0	0.00
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	53	0	0.00	8	0	0.00	20	0	0.00	9	0	0.00	16	0	0.00
		Drinking Water	0.2	53	0	0.00	8	0	0.00	20	0	0.00	9	0	0.00	16	0	0.00
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE	Drinking Water	3.	1	0	0.00										1	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	16	0	0.00	5	0	0.00	4	0	0.00	5	0	0.00	2	0	0.00
		Drinking Water	2.	16	0	0.00	5	0	0.00	4	0	0.00	5	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 1976 - Station SARA0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/26/76-09/28/90	2	16850.	16850.	21100.	12600.	36125000.	6010.408	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/30/76-11/13/80	1	22.	22.	22.	22.	0.	0.	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/30/76-11/13/80	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	03/30/76-11/07/88	1	610.	610.	610.	610.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	03/30/76-11/07/88	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	03/30/76-11/07/88	1	50.	50.	50.	50.	0.	0.	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/24/76-09/28/90	3	13.	11.333	19.	2.	74.333	8.622	**	**	**	**
80155p	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/26/76-12/18/87	2	761.	761.	1080.	442.	203522.	451.134	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 SARA0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/26/76-09/28/90	63	4780.	12649.27	44200.	734.	167996808.426	12961.358	1398.	3140.	20000.	35020.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/30/76-11/13/80	34	9.5	22.471	276.	0.	2285.348	47.805	1.5	4.	22.5	46.5
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/30/76-11/13/80	34	1.5	4.853	32.	0.	55.463	7.447	0.	0.	6.25	18.
01045	IRON, TOTAL (UG/L AS FE)	03/30/76-11/07/88	34	420.	883.824	11000.	30.	3474418.271	1863.979	200.	280.	720.	1400.
01051	LEAD, TOTAL (UG/L AS PB)	03/30/76-11/07/88	33	10.	10.152	30.	0.	45.758	6.764	1.4	6.5	12.	20.
01055	MANGANESE, TOTAL (UG/L AS MN)	03/30/76-11/07/88	34	40.	51.324	380.	5.	3977.741	63.069	20.	20.	52.5	90.
39516p	PCBS IN WHOLE WATER SAMPLE (UG/L)	03/14/77-09/15/89	33	0.4	0.518	2.2	0.	0.261	0.511	0.	0.1	0.7	1.3
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/24/76-09/28/90	60	10.	18.667	76.	1.	324.09	18.003	4.	5.25	31.	49.4
80155p	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/26/76-12/18/87	60	101.	1090.81	7160.	6.6	3250715.224	1802.974	26.3	47.75	1650.	4503.

** - Less than 9 observations ## - Computed with 50% or 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 SARA0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/26/76-09/28/90	12	5020.	7201.833	16700.	882.	30696625.788	5540.454	1082.4	3257.5	12625.	16370.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/30/76-11/13/80	12	10.	12.833	72.	0.	366.515	19.145	0.	4.25	11.75	54.3
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/30/76-11/13/80	12	2.	2.5	8.	0.	7.727	2.78	0.	0.	4.5	7.7
01045	IRON, TOTAL (UG/L AS FE)	03/30/76-11/07/88	12	325.	554.167	2900.	150.	583662.879	763.978	153.	190.	547.5	2267.
01051	LEAD, TOTAL (UG/L AS PB)	03/30/76-11/07/88	12	11.	11.5	20.	4.	38.455	6.201	4.3	5.25	18.75	19.7
01055	MANGANESE, TOTAL (UG/L AS MN)	03/30/76-11/07/88	12	35.	865.833	10000.	20.	8274608.333	2876.562	20.	20.	55.	7021.
39516p	PCBS IN WHOLE WATER SAMPLE (UG/L)	03/14/77-09/15/89	12	0.45	0.558	1.	0.2	0.063	0.25	0.26	0.4	0.825	0.97
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/24/76-09/28/90	12	8.	14.	76.	1.	402.727	20.068	2.2	5.	15.	58.3
80155p	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/26/76-12/18/87	12	159.5	422.933	3200.	4.2	805088.49	897.267	6.54	50.5	194.25	2470.1

** - 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 1979 - Station SARA0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/26/76-09/28/90	14	6570.	10180.714	26500.	580.	84040145.604	9167.341	945.	2720.	20025.	25000.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/30/76-11/13/80	15	16.	20.067	64.	0.	344.638	18.564	1.2	7.	25.	58.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/30/76-11/13/80	15	4.	5.933	21.	0.	32.781	5.725	0.6	1.	8.	16.2
01045	IRON, TOTAL (UG/L AS FE)	03/30/76-11/07/88	15	330.	750.667	2100.	200.	423363.81	650.664	212.	230.	1200.	1860.
01051	LEAD, TOTAL (UG/L AS PB)	03/30/76-11/07/88	13	4.	10.692	45.	1.	175.231	13.237	1.	2.5	15.5	39.
01055	MANGANESE, TOTAL (UG/L AS MN)	03/30/76-11/07/88	15	40.	58.	130.	20.	974.286	31.214	26.	40.	80.	112.
39516p	PCBS IN WHOLE WATER SAMPLE (UG/L)	03/14/77-09/15/89	15	0.7	0.853	3.6	0.	0.914	0.956	0.	0.1	0.9	2.76
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/24/76-09/28/90	13	11.	22.846	88.	2.	664.141	25.771	2.4	6.5	32.5	77.2
80155p	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/26/76-12/18/87	12	123.	1243.25	6300.	18.	3841213.841	1959.901	18.6	32.5	1952.5	5508.

** - Less than 9 observations ## - Computed with 50% or 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 SARA0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/26/76-09/28/90	14	7745.	9535.643	23200.	200.	69167651.94	8316.709	484.5	1565.	15975.	23200.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/22/80-11/07/88	3	83.	89.667	106.	80.	202.333	14.224	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/30/76-11/13/80	14	8.	22.071	99.	0.	1024.533	32.008	0.	3.5	29.5	94.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/30/76-11/13/80	14	3.	3.857	13.	0.	20.44	4.521	0.	0.	6.5	12.5
01045	IRON, TOTAL (UG/L AS FE)	03/30/76-11/07/88	3	730.	1076.667	1900.	600.	512633.333	715.984	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	03/30/76-11/07/88	3	70.	76.667	110.	50.	933.333	30.551	**	**	**	**
39516p	PCBS IN WHOLE WATER SAMPLE (UG/L)	03/14/77-09/15/89	14	0.2	0.257	0.6	0.1	0.023	0.15	0.1	0.1	0.4	0.5
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/24/76-09/28/90	14	10.	23.857	90.	0.	867.363	29.451	0.5	2.5	45.	79.5
80155p	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/26/76-12/18/87	14	251.5	1079.731	3760.	0.	2113039.641	1453.63	0.27	8.375	2650.	3630.

** - Less than 9 observations ## - Computed with 50% or 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 SARA0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/26/76-09/28/90	34	3350.	9230.882	27100.	700.	94479644.652	9720.064	1730.	2887.5	22500.	24800.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/22/80-11/07/88	7	69.	70.143	89.	53.	126.81	11.261	**	**	**	**
39516p	PCBS IN WHOLE WATER SAMPLE (UG/L)	03/14/77-09/15/89	34	0.2	0.328	1.9	0.05	0.222	0.472	0.05	0.1	0.3	1.2
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/24/76-09/28/90	27	4.	26.741	150.	1.	2057.43	45.359	2.	3.	17.	128.8
80155p	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/26/76-12/18/87	27	44.	1628.863	9400.	2.7	9381131.813	3062.863	13.52	24.	1030.	8588.

** - Less than 9 observations ## - Computed with 50% or 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 SARA0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/26/76-09/28/90	33	9870.	12522.727	29600.	1450.	96787320.455	9838.055	1984.	3380.	22050.	27920.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/22/80-11/07/88	28	98.	93.964	132.	53.	712.258	26.688	53.9	66.75	118.25	121.
39516p	PCBS IN WHOLE WATER SAMPLE (UG/L)	03/14/77-09/15/89	34	0.1	0.15	0.6	0.05	0.016	0.126	0.05	0.088	0.2	0.3
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/24/76-09/28/90	33	7.	29.758	129.	2.	1459.752	38.207	3.	3.	43.5	98.
80155p	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/26/76-12/18/87	31	426.	1783.268	8920.	2.5	6602773.236	2569.586	12.4	24.	3150.	6864.

** - Less than 9 observations ## - Computed with 50% or 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 SARA0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/26/76-09/28/90	42	14000.	15349.286	38100.	770.	139582538.502	11814.505	2845.	4177.5	25525.	35170.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/22/80-11/07/88	38	87.	92.737	149.	54.	703.064	26.515	61.	66.75	115.25	134.1
39516p	PCBS IN WHOLE WATER SAMPLE (UG/L)	03/14/77-09/15/89	41	0.1	0.184	0.9	0.05	0.04	0.201	0.05	0.05	0.25	0.4
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/24/76-09/28/90	36	12.5	23.306	84.	2.	600.047	24.496	2.	3.	46.5	62.4

** - 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 1984 - Station SARA0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/26/76-09/28/90	27	14900.	14120.	31100.	2660.	79228246.154	8901.025	3916.	4390.	19800.	29400.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/22/80-11/07/88	29	88.	94.345	144.	66.	393.305	19.832	69.	77.5	107.5	119.
39516p	PCBS IN WHOLE WATER SAMPLE (UG/L)	03/14/77-09/15/89	29 ##	0.05	0.148	0.9	0.05	0.046	0.214	0.05	0.05	0.1	0.4
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/24/76-09/28/90	2	17.5	17.5	27.	8.	180.5	13.435	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 SARA0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
80155p	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/26/76-12/18/87	2	243.5	243.5	394.	93.	45300.5	212.839	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 SARA0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/26/76-09/28/90	15	4020.	5393.333	14000.	610.	17413909.524	4172.998	1300.	2570.	8680.	14000.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/22/80-11/07/88	9	120.	113.444	133.	65.	389.278	19.73	65.	109.5	124.	133.
39516p	PCBS IN WHOLE WATER SAMPLE (UG/L)	03/14/77-09/15/89	15 ##	0.05	0.093	0.3	0.05	0.006	0.078	0.05	0.05	0.1	0.24
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/24/76-09/28/90	15	4.	12.667	61.	1.	432.524	20.797	1.	2.	7.	61.
80155p	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/26/76-12/18/87	14	43.5	377.307	2300.	6.9	667188.504	816.816	7.9	12.875	180.25	2300.

** - Less than 9 observations ## - Computed with 50% or 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 SARA0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/26/76-09/28/90	7	6065.	6145.429	12400.	3.	14096547.952	3754.537	**	**	**	**
34671	PCB - 1016 TOTWUG/L	05/01/86-09/28/90	18 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	05/01/86-09/28/90	18 ##	0.05	0.056	0.1	0.05	0.	0.016	0.05	0.05	0.05	0.1
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-09/28/90	18 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-09/28/90	18 ##	0.05	0.046	0.06	0.02	0.	0.01	0.02	0.048	0.05	0.051
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-09/28/90	18 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-09/28/90	13 ##	0.05	0.048	0.05	0.03	0.	0.006	0.038	0.05	0.05	0.05
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-09/28/90	18 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39516p	PCBS IN WHOLE WATER SAMPLE (UG/L)	03/14/77-09/15/89	11	0.05	0.045	0.08	0.02	0.	0.017	0.02	0.04	0.05	0.076
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/24/76-09/28/90	13	7.	6.538	14.	1.	13.603	3.688	1.4	3.	8.5	12.8
80155p	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/26/76-12/18/87	2	199.5	199.5	268.	131.	9384.5	96.874	**	**	**	**

** - 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 1987 - Station SARA0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/26/76-09/28/90	9	9770.	15396.667	31170.	6364.	89451179.	9457.863	6364.	6910.	23880.	31170.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/22/80-11/07/88	1	87.	87.	87.	87.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	03/30/76-11/07/88	7	230.	232.857	320.	200.	1623.81	40.297	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	03/30/76-11/07/88	7 ##	2.5	10.357	50.	2.5	313.393	17.703	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	03/30/76-11/07/88	7	30.	27.143	30.	10.	57.143	7.559	**	**	**	**
34671	PCB - 1016 TOTWUG/L	05/01/86-09/28/90	10 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	05/01/86-09/28/90	10 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-09/28/90	10 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-09/28/90	10	0.045	0.05	0.15	0.002	0.002	0.041	0.004	0.02	0.058	0.143
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-09/28/90	10 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-09/28/90	10	0.02	0.029	0.06	0.01	0.	0.021	0.01	0.01	0.05	0.059
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-09/28/90	10 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39516p	PCBS IN WHOLE WATER SAMPLE (UG/L)	03/14/77-09/15/89	10	0.045	0.061	0.21	0.02	0.003	0.057	0.021	0.03	0.063	0.199
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/24/76-09/28/90	11	8.	15.909	74.	2.	422.891	20.564	2.2	8.	15.	65.
80155p	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/26/76-12/18/87	9	290.	1150.778	6228.	36.	4032612.944	2008.137	36.	88.5	1465.	6228.

** - Less than 9 observations ## - Computed with 50% or 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 SARA0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/26/76-09/28/90	19	5600.	5959.474	11600.	0.	12297405.263	3506.766	1310.	3260.	9220.	11300.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/22/80-11/07/88	9	129.	114.333	149.	76.	904.25	30.071	76.	81.	142.5	149.
01045	IRON, TOTAL (UG/L AS FE)	03/30/76-11/07/88	9	240.	576.667	2000.	30.	386725.	621.872	30.	175.	870.	2000.
01051	LEAD, TOTAL (UG/L AS PB)	03/30/76-11/07/88	9 ##	2.5	2.889	6.	2.5	1.361	1.167	2.5	2.5	2.5	6.
01055	MANGANESE, TOTAL (UG/L AS MN)	03/30/76-11/07/88	9	50.	62.222	130.	30.	1319.444	36.324	30.	40.	85.	130.
34671	PCB - 1016 TOTWUG/L	05/01/86-09/28/90	21 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	05/01/86-09/28/90	21 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-09/28/90	21 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-09/28/90	21 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-09/28/90	21 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-09/28/90	21 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-09/28/90	21 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39516p	PCBS IN WHOLE WATER SAMPLE (UG/L)	03/14/77-09/15/89	20	0.02	0.022	0.06	0.005	0.	0.014	0.005	0.01	0.03	0.04
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/24/76-09/28/90	26	3.	7.077	38.	1.	96.714	9.834	1.	2.	9.25	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

Annual Analysis for 1989 - Station SARA0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/26/76-09/28/90	22	5640.	7416.364	19700.	2450.	24965319.481	4996.531	3192.	3670.	10097.5	17430.
34671	PCB - 1016 TOTWUG/L	05/01/86-09/28/90	20 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	05/01/86-09/28/90	20 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-09/28/90	20 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-09/28/90	20 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-09/28/90	20 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-09/28/90	20 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-09/28/90	20 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39516p	PCBS IN WHOLE WATER SAMPLE (UG/L)	03/14/77-09/15/89	20	0.04	0.038	0.07	0.01	0.	0.016	0.01	0.03	0.05	0.059
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/24/76-09/28/90	22	4.	7.727	44.	1.	91.255	9.553	2.	2.	14.	16.

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

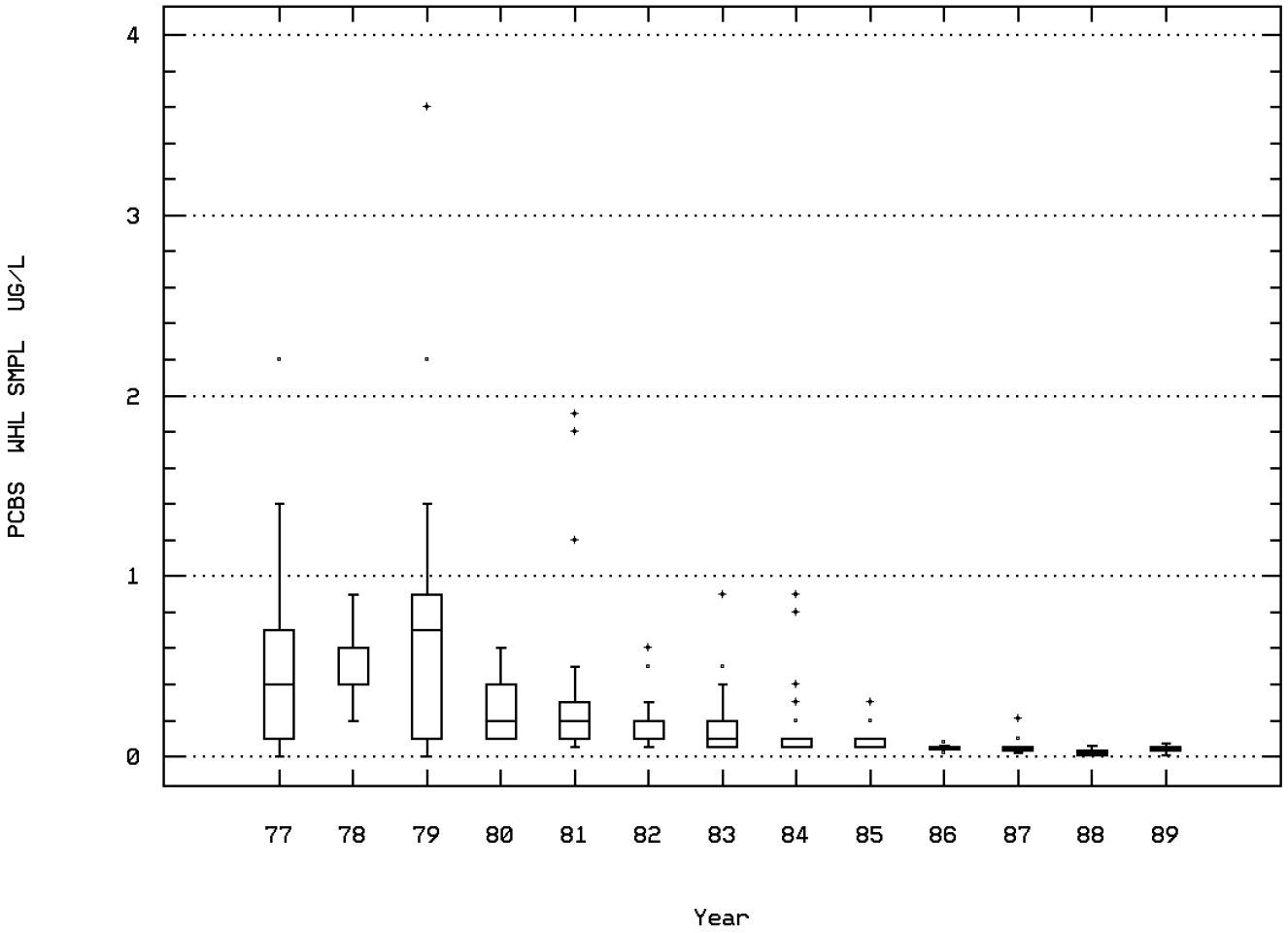
Annual Analysis for 1990 - Station SARA0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/26/76-09/28/90	20	11275.	12688.9	28850.	1857.	87361084.726	9346.715	2596.5	3676.75	20995.	28533.
34671	PCB - 1016 TOTWUG/L	05/01/86-09/28/90	5 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	05/01/86-09/28/90	5 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-09/28/90	5 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-09/28/90	5 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-09/28/90	5 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-09/28/90	5 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-09/28/90	5 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/24/76-09/28/90	20	4.	11.65	50.	2.	196.976	14.035	2.	2.25	19.25	38.8

** - 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

Station: SARA0009 Parameter Code: 39516

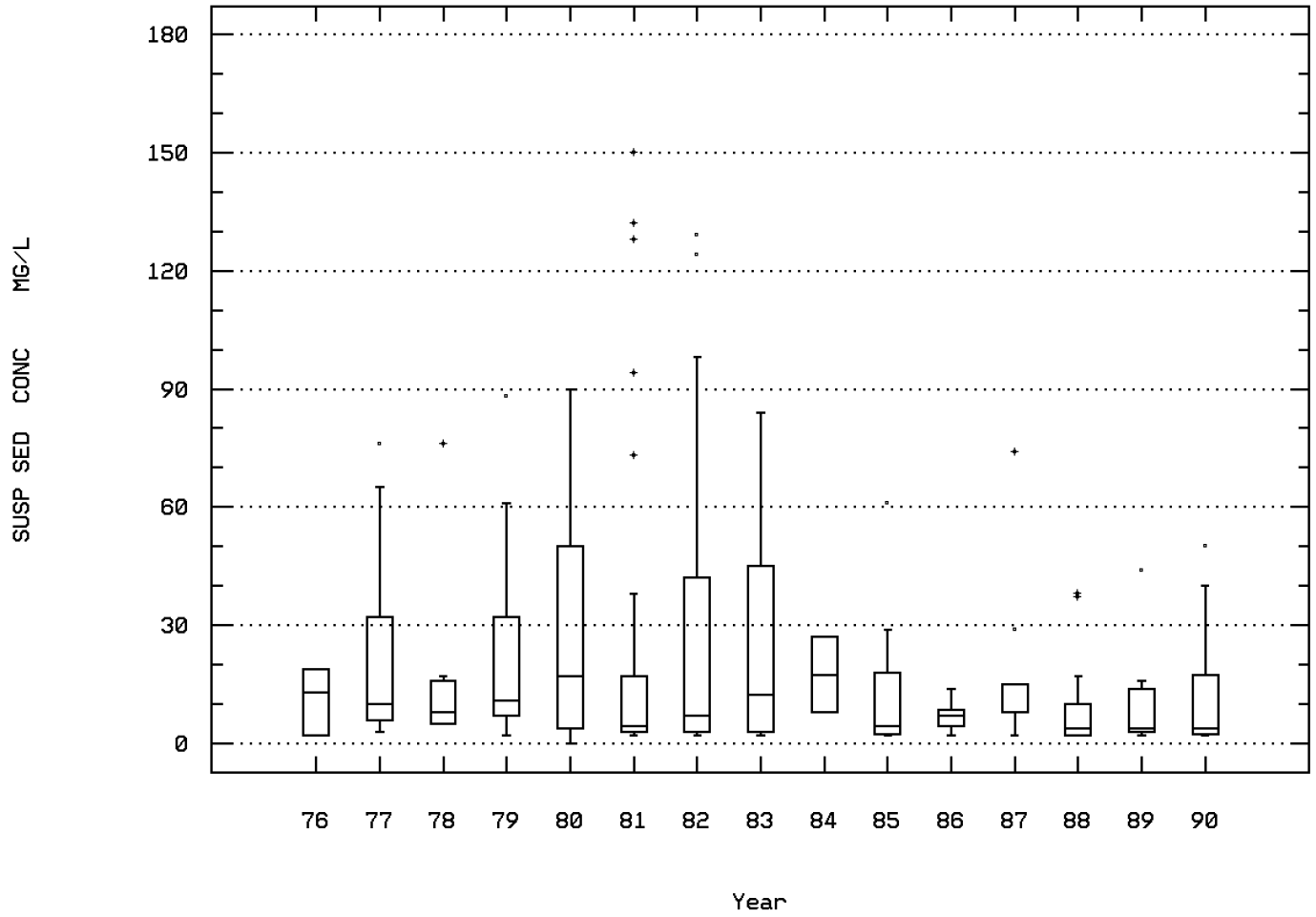
PCBS IN WHOLE WATER SAMPLE (UG/L)



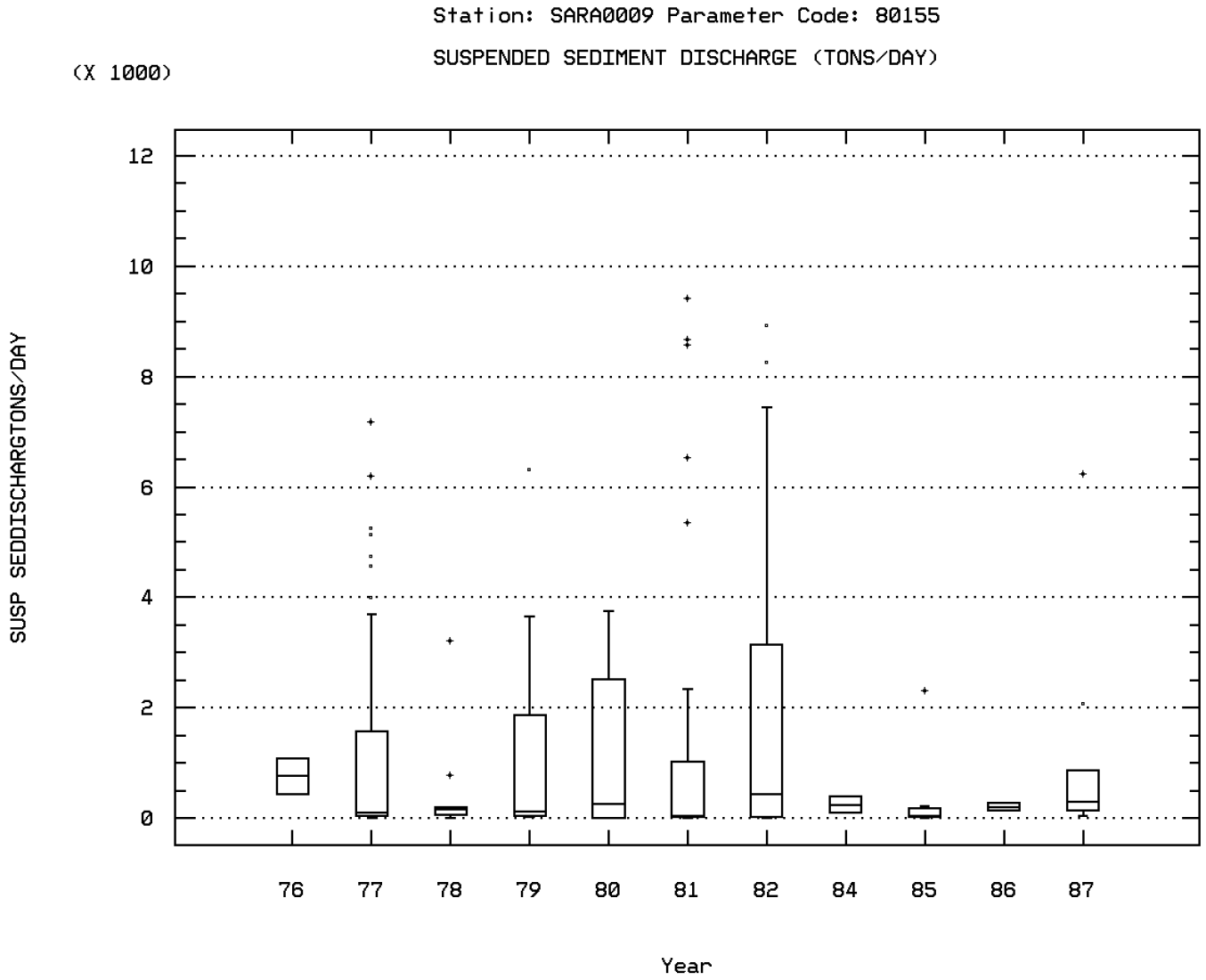
HUDSON RIVER AT SCHUYLERVILLE NY

Station: SARA0009 Parameter Code: 80154

SUSP. SEDIMENT CONCENTRATION-EVAP. AT 1



HUDSON RIVER AT SCHUYLERVILLE NY



HUDSON RIVER AT SCHUYLERVILLE NY

Seasonal Analysis for Season #1: 9/20 to 2/29 - Station SARA0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/26/76-09/28/90	59	9300.	12024.949	29200.	2830.	65777919.463	8110.359	4020.	5130.	20300.	24800.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/22/80-11/07/88	26	81.5	88.692	144.	53.	582.942	24.144	61.8	69.	105.25	130.5
00400	PH (STANDARD UNITS)	03/22/80-11/07/88	16	7.2	7.091	7.6	6.1	0.165	0.407	6.38	6.8	7.3	7.565
00400	CONVERTED PH (STANDARD UNITS)	03/22/80-11/07/88	16	7.2	6.862	7.6	6.1	0.221	0.47	6.38	6.8	7.3	7.565
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/22/80-11/07/88	16	0.063	0.137	0.794	0.025	0.038	0.195	0.027	0.05	0.17	0.46
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/14/77-11/07/88	13	0.49	0.545	0.92	0.15	0.057	0.24	0.214	0.365	0.77	0.916
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/14/77-11/07/88	13	0.28	0.298	0.51	0.19	0.008	0.089	0.194	0.225	0.35	0.458
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/14/77-11/07/88	13	0.03	0.042	0.09	0.01	0.001	0.029	0.014	0.02	0.07	0.09
01045	IRON, TOTAL (UG/L AS FE)	03/30/76-11/07/88	15	460.	568.667	1500.	30.	186898.095	432.317	114.	230.	960.	1320.
01051	LEAD, TOTAL (UG/L AS PB)	03/30/76-11/07/88	13 ##	2.5	8.577	30.	0.	85.16	9.228	0.4	2.5	15.	26.
01055	MANGANESE, TOTAL (UG/L AS MN)	03/30/76-11/07/88	15	30.	42.333	130.	5.	1074.524	32.78	8.	20.	60.	100.
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	03/14/77-09/15/89	62	0.06	0.224	1.9	0.01	0.167	0.409	0.023	0.048	0.2	0.57
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/24/76-09/28/90	56	7.	19.393	150.	1.	1085.479	32.947	2.	4.	16.	52.
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/26/76-12/18/87	31	419.	1683.355	9400.	30.	7979944.903	2824.88	39.8	89.	1720.	8160.

** - Less than 9 observations ## - Computed 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: 3/01 to 4/30 - Station SARA0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/26/76-09/28/90	105	17400.	19139.371	44200.	0.	85028898.409	9221.112	7288.	13515.	25100.	33680.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/22/80-11/07/88	46	81.5	85.283	146.	53.	458.341	21.409	57.4	68.5	99.	119.3
00400	PH (STANDARD UNITS)	03/22/80-11/07/88	6	6.75	6.683	7.	6.2	0.114	0.337	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/22/80-11/07/88	6	6.725	6.572	7.	6.2	0.128	0.358	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/22/80-11/07/88	6	0.189	0.268	0.631	0.1	0.045	0.212	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/14/77-11/07/88	19	0.68	0.648	1.2	0.21	0.081	0.285	0.25	0.4	0.8	1.1
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/14/77-11/07/88	19	0.52	0.575	1.4	0.38	0.049	0.222	0.41	0.46	0.64	0.74
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/14/77-11/07/88	19	0.05	0.055	0.22	0.01	0.002	0.047	0.02	0.02	0.07	0.09
01045	IRON, TOTAL (UG/L AS FE)	03/30/76-11/07/88	28	720.	1328.214	11000.	180.	4143052.249	2035.449	227.	522.5	1600.	2900.
01051	LEAD, TOTAL (UG/L AS PB)	03/30/76-11/07/88	25	11.	15.14	50.	2.5	138.553	11.771	2.5	8.	18.5	36.
01055	MANGANESE, TOTAL (UG/L AS MN)	03/30/76-11/07/88	28	50.	70.	380.	20.	4555.556	67.495	30.	40.	77.5	130.
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	03/14/77-09/15/89	93	0.05	0.224	3.6	0.	0.217	0.466	0.01	0.05	0.2	0.46
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/24/76-09/28/90	98	26.5	34.112	129.	1.	840.884	28.998	3.9	9.75	50.	76.
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/26/76-12/18/87	65	2030.	2474.662	8920.	23.	5023955.79	2241.418	126.4	602.	3810.	6199.2

** - 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: 5/01 to 6/30 - Station SARA0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/26/76-09/28/90	70	5785.	10288.729	38100.	3.	105289168.433	10261.051	2888.	3467.5	12700.	29730.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/22/80-11/07/88	25	88.	94.56	149.	54.	836.84	28.928	61.6	66.5	115.5	142.6
00400	PH (STANDARD UNITS)	03/22/80-11/07/88	8	7.35	7.2	7.6	6.7	0.137	0.37	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/22/80-11/07/88	8	7.347	7.061	7.6	6.7	0.159	0.399	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/22/80-11/07/88	8	0.045	0.087	0.2	0.025	0.005	0.072	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/14/77-11/07/88	11	0.56	0.557	1.2	0.3	0.058	0.242	0.308	0.39	0.6	1.088
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/14/77-11/07/88	11	0.5	0.533	0.75	0.41	0.013	0.115	0.41	0.43	0.61	0.736
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/14/77-11/07/88	11	0.02	0.029	0.07	0.01	0.	0.018	0.012	0.02	0.04	0.066
01045	IRON, TOTAL (UG/L AS FE)	03/30/76-11/07/88	15	240.	396.	2000.	190.	208468.571	456.584	190.	210.	330.	1172.
01051	LEAD, TOTAL (UG/L AS PB)	03/30/76-11/07/88	14	4.	4.321	10.	1.	7.1	2.665	1.	2.375	6.	9.
01055	MANGANESE, TOTAL (UG/L AS MN)	03/30/76-11/07/88	15	40.	42.667	120.	20.	635.238	25.204	20.	30.	50.	84.
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	03/14/77-09/15/89	53	0.1	0.269	1.4	0.	0.105	0.324	0.04	0.05	0.3	0.86
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/24/76-09/28/90	60	5.	10.95	68.	1.	217.947	14.763	2.	3.	13.75	28.6
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/26/76-12/18/87	29	58.	88.514	421.	8.9	7789.041	88.256	18.	30.5	117.5	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 box-and-whisker plot

Seasonal Analysis for Season #4: 7/01 to 9/19 - Station SARA0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/26/76-09/28/90	99	2960.	3024.283	10300.	200.	2854217.756	1689.443	1010.	2170.	3617.	4590.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/22/80-11/07/88	27	117.	118.333	149.	85.	136.231	11.672	106.8	113.	125.	132.6
00400	PH (STANDARD UNITS)	03/22/80-11/07/88	12	7.55	7.517	7.91	6.7	0.104	0.323	6.88	7.4	7.75	7.907
00400	CONVERTED PH (STANDARD UNITS)	03/22/80-11/07/88	12	7.547	7.373	7.91	6.7	0.127	0.356	6.88	7.4	7.75	7.907
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/22/80-11/07/88	12	0.028	0.042	0.2	0.012	0.003	0.051	0.012	0.018	0.04	0.155
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/14/77-11/07/88	19	0.62	0.663	1.4	0.26	0.074	0.273	0.49	0.51	0.66	1.3
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/14/77-11/07/88	19	0.56	0.572	1.5	0.2	0.073	0.271	0.27	0.43	0.67	0.76
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/14/77-11/07/88	19	0.04	0.038	0.07	0.02	0.	0.016	0.02	0.02	0.05	0.07
01045	IRON, TOTAL (UG/L AS FE)	03/30/76-11/07/88	23	250.	302.609	1000.	30.	43083.794	207.566	154.	190.	310.	646.
01051	LEAD, TOTAL (UG/L AS PB)	03/30/76-11/07/88	23	5.	7.261	20.	0.	28.633	5.351	2.	3.	11.	16.6
01055	MANGANESE, TOTAL (UG/L AS MN)	03/30/76-11/07/88	23	40.	469.565	10000.	20.	4316586.166	2077.64	20.	20.	40.	84.
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	03/14/77-09/15/89	80	0.1	0.289	2.2	0.	0.13	0.361	0.03	0.05	0.4	0.79
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/24/76-09/28/90	93	4.	5.183	37.	0.	22.934	4.789	2.	2.	7.	10.
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/26/76-12/18/87	60	25.5	37.717	210.	0.	1471.341	38.358	4.44	12.5	49.25	78.5

** - 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

Station Inventory for Station: SARA0010

NPS Station ID: SARA0010
LAT/LON: 43.098059/ -73.573892
Agency: 21NYDECA
Date Created: 02/18/89
Location: U.HUDSON R. IN SCHUYLERVILLE @ RT.29 BR.
FIPS State/County: 36091 NEW YORK/SARATOGA
Station Type: /TYPA/AMBNT/STREAM/NET
STORET Station ID(s): 11010179 /GS01329650
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02020003
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id: NY00000 U.HUDSON R. IN S
Minor Basin: UPP.HUDSON R.
ECO Region:
RF1 Index: 02020003
RF1 Mile Point: 0.000
Distance from RF1: 5.80
On/Off RF1:
RF3 Index: 02020003017700.00
RF3 Mile Point: 0.22
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: SARA0010

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/22/87-11/07/88	16	16.5	15.644	29.	2.	58.857	7.672	3.4	9.125	22.	25.15
00025	BAROMETRIC PRESSURE (MM OF HG)	03/31/88-11/07/88	7	763.	761.571	772.	754.	42.619	6.528	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/31/88-11/07/88	9	129.	114.333	149.	76.	904.25	30.071	76.	81.	142.5	149.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/22/87-11/07/88	16	116.5	117.	161.	77.	634.	25.179	84.	95.5	136.	161.
00300	OXYGEN, DISSOLVED MG/L	04/22/87-11/07/88	16	10.55	11.05	18.8	7.5	9.864	3.141	7.57	8.175	13.525	15.72
00400	PH (STANDARD UNITS)	04/22/87-11/07/88	16	7.025	7.016	7.6	6.2	0.212	0.46	6.34	6.625	7.45	7.565
00400	CONVERTED PH (STANDARD UNITS)	04/22/87-11/07/88	16	6.969	6.797	7.6	6.2	0.263	0.513	6.34	6.625	7.45	7.565
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/22/87-11/07/88	16	0.107	0.16	0.631	0.025	0.028	0.167	0.027	0.035	0.238	0.468
00500	RESIDUE, TOTAL (MG/L)	04/22/87-11/07/88	16	94.5	96.313	135.	66.	416.629	20.411	71.6	80.	114.75	127.3
00505	RESIDUE, TOTAL VOLATILE (MG/L)	04/22/87-11/07/88	16	35.5	37.875	68.	22.	149.05	12.209	22.	28.	47.	55.4
00510	RESIDUE, TOTAL FIXED (MG/L)	04/22/87-11/07/88	16	54.	57.25	85.	32.	301.	17.349	32.7	41.5	76.	82.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/22/87-11/07/88	5	3.	11.2	38.	2.	238.7	15.45	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/22/87-11/07/88	16	0.058	0.07	0.21	0.016	0.003	0.055	0.017	0.037	0.082	0.196
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/22/87-11/07/88	12	0.016	0.021	0.054	0.006	0.	0.016	0.006	0.007	0.028	0.051
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/22/87-11/07/88	16	0.365	0.382	0.8	0.15	0.025	0.16	0.192	0.27	0.438	0.66
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/22/87-11/07/88	16	0.43	0.462	0.74	0.23	0.023	0.15	0.258	0.338	0.598	0.691
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/22/87-11/07/88	15	0.006	0.005	0.009	0.001	0.	0.003	0.002	0.003	0.008	0.009
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/22/87-11/07/88	15	42.	42.2	59.	27.	105.029	10.248	27.	34.	50.	59.
00916	CALCIUM, TOTAL (MG/L AS CA)	04/22/87-11/07/88	15	13.	13.1	18.	8.2	9.856	3.139	8.26	11.	15.	18.
00927	MAGNESIUM, TOTAL (MG/L AS MG)	04/22/87-11/07/88	15	2.3	2.34	3.5	1.5	0.368	0.607	1.56	1.9	2.7	3.38
00929	SODIUM, TOTAL (MG/L AS NA)	03/31/88-11/07/88	9	6.4	5.811	7.8	3.5	2.631	1.622	3.5	4.05	7.25	7.8
00931	SODIUM ADSORPTION RATIO	03/31/88-11/07/88	9	0.4	0.389	0.6	0.3	0.011	0.105	0.3	0.3	0.45	0.6
00932	SODIUM, PERCENT	03/31/88-11/07/88	9	21.	21.222	29.	15.	17.194	4.147	15.	18.5	23.5	29.
00937	POTASSIUM, TOTAL MG/L AS K)	03/31/88-11/07/88	9	0.7	0.667	0.8	0.6	0.005	0.071	0.6	0.6	0.7	0.8
00940	CHLORIDE,TOTAL IN WATER MG/L	03/31/88-11/07/88	9	9.	8.222	10.	5.	4.194	2.048	5.	6.	10.	10.
00945	SULFATE, TOTAL (MG/L AS SO4)	03/31/88-11/07/88	9	15.	16.556	23.	13.	11.278	3.358	13.	14.	19.5	23.
00951	FLUORIDE, TOTAL (MG/L AS F)	03/31/88-11/07/88	9	0.1	0.133	0.3	0.1	0.005	0.071	0.1	0.1	0.15	0.3
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	04/22/87-11/07/88	16	230.	426.25	2000.	30.	237931.667	487.782	128.	200.	552.5	1272.
01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/29/87-11/07/88	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/29/87-11/07/88	5	3.	3.6	5.	2.	1.8	1.342	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	03/31/88-11/07/88	4	80.5	78.5	93.	60.	291.	17.059	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	07/29/87-11/07/88	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/31/88-11/07/88	4	24.	23.	34.	10.	164.	12.806	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	07/29/87-11/07/88	5	2.	2.	4.	1.	1.5	1.225	**	**	**	**
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	04/22/87-11/07/88	13	4.	8.077	50.	1.	175.244	13.238	1.	1.5	7.5	36.4
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/29/87-11/07/88	3	18.	16.	20.	10.	28.	5.292	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	04/22/87-11/07/88	4	15.	15.	20.	10.	33.333	5.774	**	**	**	**
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	03/31/88-11/07/88	9	110.	355.556	1000.	60.	138527.778	372.193	60.	75.	690.	1000.

** - Less 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: SARA0010

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	03/31/88-11/07/88	4	40.	40.	40.	40.	0.	0.	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	04/22/87-11/07/88	8 ##	3.	3.	5.	1.	4.571	2.138	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	04/22/87-11/07/88	3	10.	22.	50.	6.	592.	24.331	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	04/22/87-11/07/88	16	5.	6.375	20.	3.	16.383	4.048	3.	5.	7.	13.
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	04/22/87-11/07/88	16	35.	46.875	130.	10.	1049.583	32.397	24.	30.	50.	123.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/14/87-10/04/88	14	7000.	21192.857	170000.	400.	1913588406.593	43744.581	1200.	5200.	15250.	103000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/14/87-10/04/88	14	3.845	3.908	5.23	2.602	0.354	0.595	2.952	3.712	4.179	4.893
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			8091.984								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	05/14/87-10/04/88	14	800.	822.143	2000.	50.	235018.132	484.787	125.	500.	1050.	1650.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	05/14/87-10/04/88	14	2.903	2.805	3.301	1.699	0.156	0.394	2.	2.699	3.02	3.207
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			637.844								
32106	CHLOROFORM,WHOLE WATER,UG/L	04/22/87-11/07/88	3	0.2	0.167	0.2	0.1	0.003	0.058	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	03/31/88-11/07/88	3	2.	1.667	2.	1.	0.333	0.577	**	**	**	**
34423	METHYLENE CHLORIDE TOTWUG/L	04/22/87-11/07/88	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/22/87-11/07/88	16	81.	78.938	112.	43.	402.463	20.061	50.7	61.25	94.	111.3
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	04/22/87-11/07/88	16	0.03	0.038	0.09	0.02	0.	0.021	0.02	0.023	0.04	0.083
71900	MERCURY, TOTAL (UG/L AS HG)	04/22/87-11/07/88	2	0.15	0.15	0.2	0.1	0.005	0.071	**	**	**	**
74069	FLOW, ESTIMATED STREAM CFS	04/22/87-11/07/88	10	4000.	5554.7	14000.	777.	18109967.567	4255.581	839.3	2375.	9267.5	13577.
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	04/22/87-11/07/88	1	290.	290.	290.	290.	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	04/22/87-11/07/88	16	1.6	2.269	7.5	0.5	3.817	1.954	0.85	1.2	2.675	6.73

** - 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 time series plot

EPA Water Quality Criteria Analysis for Station: SARA0010

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/20-2/29 Obs	9/20-2/29 Exceed	9/20-2/29 Prop.	3/01-4/30 Obs	3/01-4/30 Exceed	3/01-4/30 Prop.	5/01-6/30 Obs	5/01-6/30 Exceed	5/01-6/30 Prop.	7/01-9/19 Obs	7/01-9/19 Exceed	7/01-9/19 Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	16	0	0.00	5	0	0.00	4	0	0.00	5	0	0.00	2	0	0.00
00400	PH	Other-Hi Lim.	9.	16	0	0.00	5	0	0.00	4	0	0.00	5	0	0.00	2	0	0.00
		Other-Lo Lim.	6.5	16	2	0.13	5	0	0.00	4	2	0.50	5	0	0.00	2	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	12	0	0.00	4	0	0.00	2	0	0.00	5	0	0.00	1	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	16	0	0.00	5	0	0.00	4	0	0.00	5	0	0.00	2	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	9	0	0.00	2	0	0.00	3	0	0.00	3	0	0.00	1	0	0.00
		Drinking Water	250.	9	0	0.00	2	0	0.00	3	0	0.00	3	0	0.00	1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	9	0	0.00	2	0	0.00	3	0	0.00	3	0	0.00	1	0	0.00
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	9	0	0.00	2	0	0.00	3	0	0.00	3	0	0.00	1	0	0.00
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	5	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00
		Drinking Water	1300.	5	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	15.	1	0	0.00										1	0	0.00
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	5	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00
		Drinking Water	100.	5	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Fresh Acute	1400.	13	0	0.00	3	0	0.00	4	0	0.00	4	0	0.00	2	0	0.00
		Drinking Water	100.	13	0	0.00	3	0	0.00	4	0	0.00	4	0	0.00	2	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	3	0	0.00	1	0	0.00				1	0	0.00	1	0	0.00
		Drinking Water	5000.	3	0	0.00	1	0	0.00				1	0	0.00	1	0	0.00
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Fresh Acute	120.	4	0	0.00	1	0	0.00				2	0	0.00	1	0	0.00
		Drinking Water	5000.	4	0	0.00	1	0	0.00				2	0	0.00	1	0	0.00
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	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			
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Fresh Acute	82.	3	0	0.00				1	0	0.00	2	0	0.00			
		Drinking Water	15.	2 &	0	0.00							2	0	0.00			
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Fresh Acute	18.	16	1	0.06	5	0	0.00	4	0	0.00	5	0	0.00	2	1	0.50
		Drinking Water	1300.	16	0	0.00	5	0	0.00	4	0	0.00	5	0	0.00	2	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	14	13	0.93	4	4	1.00	3	3	1.00	5	5	1.00	2	1	0.50
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	14	13	0.93	4	4	1.00	3	3	1.00	5	5	1.00	2	1	0.50
32106	CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	3	0	0.00	2	0	0.00							1	0	0.00
		Drinking Water	100.	3	0	0.00	2	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: SARA0010

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/20-2/29 Obs	9/20-2/29 Exceed	9/20-2/29 Prop.	3/01-4/30 Obs	3/01-4/30 Exceed	3/01-4/30 Prop.	5/01-6/30 Obs	5/01-6/30 Exceed	5/01-6/30 Prop.	7/01-9/19 Obs	7/01-9/19 Exceed	7/01-9/19 Prop.
34423	METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	1	0	0.00				1	0	0.00						
71900	MERCURY, TOTAL	Fresh Acute	2.4	2	0	0.00	1	0	0.00							1	0	0.00
		Drinking Water	2.	2	0	0.00	1	0	0.00							1	0	0.00
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	16	0	0.00	5	0	0.00	4	0	0.00	5	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: SARA0011

NPS Station ID: SARA0011
LAT/LON: 43.098059/ -73.573892
Agency: 21NYDEC1
Date Created: 08/15/87
Location: HUDSON RIVER IN SCHUYLERVILLE AT ROUTE 29
FIPS State/County: 36091 NEW YORK/SARATOGA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 11010252
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02020003
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: UPPER HUDSON RIVER
ECO Region:
RF1 Index: 02020003
RF1 Mile Point: 0.000
Distance from RF1: 2.60
On/Off RF1:
RF3 Index: 02020003000200.00
RF3 Mile Point: 3.24
Distance from RF3: 0.09
On/Off RF3:
Description:

Parameter Inventory for Station: SARA0011

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: SARA0012

NPS Station ID: SARA0012
LAT/LON: 43.108616/ -73.574726
Agency: 21NYDEC2
Date Created: 02/09/79
Location: BATTEN KILL
FIPS State/County: 36115 NEW YORK/WASHINGTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 11F03003
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02020003
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: UPPER HUDSON RIVER
ECO Region:
RF1 Index: 02020003033
RF1 Mile Point: 0.240
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02020003005504.76
RF3 Mile Point: 6.95
Distance from RF3: 0.02
On/Off RF3:
Description:
DATA FROM NEW YORK DEPARTMENT OF ENVIRONMENTAL CONSERVATION SAMPLES ANALYZED FOR TOXICS SAMPLE TAKEN FROM
BATTEN KILL

Parameter Inventory for Station: SARA0012

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: SARA0013

NPS Station ID: SARA0013
LAT/LON: 43.097226/ -73.577504
Agency: 112WRD
Date Created: / /
Location: FISH CR AT MOUTH AT SCHUYLERVILLE NY
FIPS State/County: 36091 NEW YORK/SARATOGA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 01330915
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02020003
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02020003
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02020003006900.67
RF3 Mile Point: 2.47
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: SARA0013

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/09/74-04/07/75	9	5.	7.222	20.	3.	29.194	5.403	3.	3.5	9.	20.
00080	COLOR (PLATINUM-COBALT UNITS)	07/09/74-04/07/75	9	10.	11.778	20.	2.	59.194	7.694	2.	3.5	20.	20.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/17/73-04/07/75	22	225.5	223.318	267.	117.	1104.132	33.228	187.6	205.25	248.	262.
00335	COD, .025N K2CR2O7 MG/L	01/17/73-04/07/75	22	13.	13.318	23.	6.	22.037	4.694	6.3	10.75	15.25	20.7
00400	PH (STANDARD UNITS)	01/17/73-08/05/74	15	7.5	7.5	7.9	6.9	0.059	0.242	7.08	7.4	7.7	7.78
00400	CONVERTED PH (STANDARD UNITS)	01/17/73-08/05/74	15	7.5	7.427	7.9	6.9	0.064	0.254	7.08	7.4	7.7	7.78
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/73-08/05/74	15	0.032	0.037	0.126	0.013	0.001	0.028	0.017	0.02	0.04	0.088
00405	CARBON DIOXIDE (MG/L AS CO2)	01/17/73-08/05/74	15	3.8	5.28	18.	1.9	17.19	4.146	2.32	3.1	6.	13.8
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/17/73-04/07/75	22	73.5	72.182	86.	54.	53.87	7.34	62.	66.75	77.	80.
00440	BICARBONATE ION (MG/L AS HCO3)	01/17/73-04/07/75	22	89.5	88.182	105.	66.	79.68	8.926	76.	81.75	94.	98.
00445	CARBONATE ION (MG/L AS CO3)	01/17/73-08/05/74	15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00500	RESIDUE, TOTAL (MG/L)	01/17/73-04/07/75	22	150.5	154.227	206.	136.	344.089	18.55	136.	142.5	159.	191.4
00510	RESIDUE, TOTAL FIXED (MG/L)	01/17/73-04/07/75	22	119.	120.273	165.	100.	184.303	13.576	103.8	112.75	124.25	135.5
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/17/73-04/07/75	22	10.5	14.818	86.	1.	309.775	17.6	2.9	7.	13.75	32.4
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	01/17/73-04/07/75	22	7.5	11.427	67.	0.	216.493	14.714	0.88	4.	13.	31.8
00600	NITROGEN, TOTAL (MG/L AS N)	10/16/73-04/07/75	16	0.74	0.796	1.3	0.41	0.066	0.257	0.452	0.61	1.058	1.16
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/17/73-04/07/75	22	0.27	0.305	0.64	0.09	0.017	0.129	0.159	0.21	0.4	0.488
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/17/73-08/21/73	6	0.055	0.082	0.2	0.01	0.006	0.076	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/16/73-04/07/75	16	0.125	0.187	0.72	0.005	0.033	0.181	0.005	0.083	0.225	0.538
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/17/73-08/21/73	6	0.014	0.023	0.051	0.004	0.	0.021	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/16/73-04/07/75	16	0.01	0.016	0.04	0.001	0.	0.011	0.004	0.008	0.028	0.033
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/17/73-08/21/73	6	0.39	0.375	0.49	0.16	0.015	0.124	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/16/73-04/07/75	16	0.26	0.263	0.83	0.03	0.04	0.2	0.051	0.093	0.32	0.571
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/23/73-04/07/75	18	0.425	0.474	1.1	0.16	0.07	0.264	0.205	0.263	0.585	1.001
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/16/73-04/07/75	16	0.265	0.279	0.83	0.04	0.04	0.2	0.061	0.105	0.348	0.585
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/30/73-08/21/73	3	0.4	0.367	0.5	0.2	0.023	0.153	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/17/73-04/15/74	11	0.06	0.086	0.24	0.03	0.004	0.066	0.03	0.03	0.12	0.224
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/17/73-04/07/75	22	0.05	0.055	0.19	0.018	0.001	0.037	0.023	0.031	0.07	0.098
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/17/73-04/15/74	11	0.018	0.028	0.078	0.009	0.	0.022	0.009	0.01	0.039	0.073
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/05/74-04/07/75	8	5.4	6.1	11.	3.5	6.609	2.571	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/17/73-04/15/74	11	91.	90.	100.	81.	40.	6.325	81.	85.	95.	99.4
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/17/73-04/15/74	11	19.	17.636	27.	8.	36.255	6.021	8.4	12.	22.	26.4
00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/17/73-04/15/74	11	25.	25.727	30.	23.	4.018	2.005	23.2	24.	27.	29.6
00916	CALCIUM, TOTAL (MG/L AS CA)	05/13/74-04/07/75	11	26.	25.545	32.	16.	14.873	3.857	17.4	25.	27.	31.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/17/73-04/15/74	11	6.1	6.345	7.3	5.2	0.481	0.693	5.32	5.8	7.	7.28
00927	MAGNESIUM, TOTAL (MG/L AS MG)	05/13/74-04/07/75	11	7.	6.927	7.5	6.1	0.188	0.434	6.16	6.7	7.4	7.48
00929	SODIUM, TOTAL (MG/L AS NA)	05/13/74-04/07/75	11	10.	9.655	11.	7.	1.227	1.108	7.34	9.3	10.	11.
00930	SODIUM, DISSOLVED (MG/L AS NA)	01/17/73-04/15/74	11	9.	9.582	12.	8.1	1.78	1.334	8.18	8.6	10.	12.

** - Less 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: SARA0013

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00931	SODIUM ADSORPTION RATIO	01/17/73-04/15/74	11	0.4	0.418	0.5	0.4	0.002	0.04	0.4	0.4	0.4	0.5
00932	SODIUM, PERCENT	01/17/73-04/15/74	11	18.	18.455	22.	17.	2.873	1.695	17.	17.	19.	21.8
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/17/73-04/15/74	11	1.2	1.3	2.	0.9	0.102	0.319	0.92	1.1	1.4	1.94
00937	POTASSIUM, TOTAL MG/L AS K)	05/13/74-04/07/75	11	1.2	1.191	1.6	0.8	0.065	0.255	0.82	1.	1.5	1.58
00940	CHLORIDE,TOTAL IN WATER MG/L	01/17/73-04/07/75	22	16.	15.455	20.	11.	3.974	1.993	12.3	14.	17.	17.7
00945	SULFATE, TOTAL (MG/L AS SO4)	01/17/73-04/07/75	22	16.5	16.591	21.	12.	4.729	2.175	13.3	15.	18.	19.7
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/17/73-04/15/74	11	0.26	0.214	0.33	0.07	0.009	0.097	0.076	0.1	0.3	0.324
00951	FLUORIDE, TOTAL (MG/L AS F)	05/13/74-06/10/74	2	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	01/17/73-06/10/74	13	3.9	3.469	6.6	0.8	2.964	1.722	0.96	2.25	4.9	6.12
01002	ARSENIC, TOTAL (UG/L AS AS)	05/30/73-10/28/74	5	1.	2.8	10.	0.5	16.575	4.071	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	05/30/73-10/28/74	5 ##	0.	2.	10.	0.	20.	4.472	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	05/30/73-04/07/75	18	335.	488.056	2900.	5.	406062.173	637.23	90.5	220.	440.	1055.
01051	LEAD, TOTAL (UG/L AS PB)	05/30/73-10/28/74	5	4.	4.4	9.	2.	7.3	2.702	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	05/30/73-04/07/75	18	70.	67.222	110.	30.	527.124	22.959	39.	47.5	80.	101.
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	01/17/73-06/10/74	13	0.02	0.025	0.05	0.01	0.	0.011	0.01	0.02	0.03	0.042
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	01/17/73-04/15/74	11	125.	123.364	139.	112.	76.655	8.755	112.2	116.	129.	137.8
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/17/73-04/15/74	11	0.17	0.167	0.19	0.15	0.	0.013	0.15	0.16	0.18	0.188
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/13/74-04/07/75	11	0.02	0.026	0.07	0.01	0.	0.018	0.01	0.02	0.03	0.066
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	01/17/73-08/21/73	6	0.07	0.105	0.26	0.01	0.01	0.099	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	01/17/73-08/21/73	6	1.75	1.683	2.2	0.7	0.318	0.564	**	**	**	**
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	01/17/73-08/21/73	6	0.045	0.073	0.17	0.01	0.005	0.069	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	01/17/73-08/21/73	6	35.	38.333	90.	0.	1336.667	36.56	**	**	**	**
71885	IRON (UG/L AS FE)	01/17/73-08/21/73	6	265.	231.667	370.	40.	14376.667	119.903	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/07/75-04/07/75	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	10/16/73-04/07/75	16	3.3	3.488	5.5	1.8	1.184	1.088	2.01	2.7	4.55	5.08
71900	MERCURY, TOTAL (UG/L AS HG)	05/30/73-10/28/74	5 ##	0.25	2.03	6.5	0.25	7.561	2.75	**	**	**	**

** - Less 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: SARA0013

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/20-2/29 Obs	9/20-2/29 Exceed	9/20-2/29 Prop.	3/01-4/30 Obs	3/01-4/30 Exceed	3/01-4/30 Prop.	5/01-6/30 Obs	5/01-6/30 Exceed	5/01-6/30 Prop.	7/01-9/19 Obs	7/01-9/19 Exceed	7/01-9/19 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	9	0	0.00	4	0	0.00	2	0	0.00				3	0	0.00
00400	PH	Other-Hi Lim.	9.	15	0	0.00	4	0	0.00	3	0	0.00	4	0	0.00	4	0	0.00
		Other-Lo Lim.	6.5	15	0	0.00	4	0	0.00	3	0	0.00	4	0	0.00	4	0	0.00
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	6	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	16	0	0.00	7	0	0.00	4	0	0.00	2	0	0.00	3	0	0.00
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	6	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	16	0	0.00	7	0	0.00	4	0	0.00	2	0	0.00	3	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	16	0	0.00	7	0	0.00	4	0	0.00	2	0	0.00	3	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	3	0	0.00							1	0	0.00	2	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	22	0	0.00	8	0	0.00	5	0	0.00	4	0	0.00	5	0	0.00
		Drinking Water	250.	22	0	0.00	8	0	0.00	5	0	0.00	4	0	0.00	5	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	22	0	0.00	8	0	0.00	5	0	0.00	4	0	0.00	5	0	0.00
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	11	0	0.00	4	0	0.00	3	0	0.00	2	0	0.00	2	0	0.00
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	2	0	0.00							2	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	5	0	0.00	1	0	0.00				2	0	0.00	2	0	0.00
		Drinking Water	50.	5	0	0.00	1	0	0.00				2	0	0.00	2	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	5	0	0.00	1	0	0.00				2	0	0.00	2	0	0.00
		Drinking Water	1300.	5	0	0.00	1	0	0.00				2	0	0.00	2	0	0.00
01051	LEAD, TOTAL	Fresh Acute	82.	5	0	0.00	1	0	0.00				2	0	0.00	2	0	0.00
		Drinking Water	15.	5	0	0.00	1	0	0.00				2	0	0.00	2	0	0.00
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	6	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	6	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	5	2	0.40	1	0	0.00				2	1	0.50	2	1	0.50
		Drinking Water	2.	5	2	0.40	1	0	0.00				2	1	0.50	2	1	0.50

& - 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: SARA0014

NPS Station ID: SARA0014
LAT/LON: 43.097226/ -73.578060
Agency: 21NYDECA
Date Created: 02/18/89
Location: FISH CR. IN SCHUYLERVILLE @ SCHUYLER.STP(BANK)
FIPS State/County: 36091 NEW YORK/SARATOGA
Station Type: /TYPA/AMBNT/STREAM/NET
STORET Station ID(s): 11011200 /GS01330915
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02020003
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id: FISH CR. IN SCHUYLERVILLE
Minor Basin: UPPER HUDSON RIVER
ECO Region:
RF1 Index: 02020003
RF1 Mile Point: 0.000
Distance from RF1: 0.40
On/Off RF1:
RF3 Index: 02020003005909.40
RF3 Mile Point: 9.40
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: SARA0014

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: SARA0015

NPS Station ID: SARA0015
LAT/LON: 43.097226/ -73.578060
Agency: 21NYDEC1
Date Created: 06/11/76
Location: FISH CREEK
FIPS State/County: 36091 NEW YORK/SARATOGA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 11 1301 /01330915USGS
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02020003
Depth of Water: 0
Aquifer:
Major Basin: UPPER HUDSON RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: NYS MILE PT.- 0.1
ECO Region:
RF1 Index: 02020003032
RF1 Mile Point: 0.210
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02020003000200.00
RF3 Mile Point: 2.81
Distance from RF3: 0.03
On/Off RF3:
Description:
LOCATION... OFF NORTH BANK OF STREAM APPROX. 500 FEET UPSTREAM FROM MOUTH.
DATE ACTIVATED..... 01-01-73
DATE DEACTIVATED..... 6-75
STREAM NAME..... FISH CREEK
STREAM INDEX..... H-299
STREAM CLASSIFICATION..... C
TOPO MAP NAME.. SCHUYLERVILLE
TOPO MAP NO... I-26-3
MILE POINT..... 0.1
GAZETTEER NO. 4525

Parameter Inventory for Station: SARA0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/17/73-09/30/74	16	13.25	13.488	25.2	0.8	78.799	8.877	1.36	6.35	23.375	25.06
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/17/73-09/30/74	16	13.95	16.925	32.7	1.5	97.222	9.86	1.99	9.575	25.875	30.11
00032	CLOUD COVER (PERCENT)	04/04/73-09/30/74	14	55.	56.	99.	5.	1078.615	32.842	7.5	26.25	90.	94.5
00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/30/73-05/13/74	2	18.55	18.55	30.	7.1	262.205	16.193	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	05/30/73-05/30/73	1	33.	33.	33.	33.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/16/73-10/16/73	1	180.	180.	180.	180.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/17/73-09/30/74	16	9.2	9.7	13.6	6.8	5.861	2.421	6.94	7.5	12.05	13.46
00310	BOD, 5 DAY, 20 DEG C MG/L	05/30/73-05/30/73	1	4.6	4.6	4.6	4.6	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	01/17/73-09/30/74	12	7.85	7.775	8.	7.3	0.066	0.256	7.36	7.525	8.	8.
00400	CONVERTED PH (STANDARD UNITS)	01/17/73-09/30/74	12	7.825	7.702	8.	7.3	0.072	0.267	7.36	7.525	8.	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/17/73-09/30/74	12	0.015	0.02	0.05	0.01	0.	0.013	0.01	0.01	0.03	0.045
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/13/74-09/30/74	6	90.5	86.167	94.	65.	119.767	10.944	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/04/73-04/07/75	19	38000.	54052.632	240000.	3000.	3694359298.246	60781.241	4400.	16000.	72000.	140000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/04/73-04/07/75	19	4.58	4.474	5.38	3.477	0.279	0.528	3.643	4.204	4.857	5.146
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			29805.152								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/30/73-04/07/75	11	2200.	3807.091	24000.	78.	46665273.091	6831.199	82.4	900.	3000.	20120.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/30/73-04/07/75	11	3.342	3.138	4.38	1.892	0.502	0.709	1.914	2.954	3.477	4.237
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1374.74								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	05/30/73-05/30/73	1	230.	230.	230.	230.	0.	0.	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	05/30/73-05/30/73	1	2.362	2.362	2.362	2.362	0.	0.	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			230.								
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	05/30/73-05/30/73	1	7100.	7100.	7100.	7100.	0.	0.	**	**	**	**
31751	LOG PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	05/30/73-05/30/73	1	3.851	3.851	3.851	3.851	0.	0.	**	**	**	**
31751	GM PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	GEOMETRIC MEAN =			7100.								

** - Less 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: SARA0015

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/20-2/29 Obs	9/20-2/29 Exceed	9/20-2/29 Prop.	3/01-4/30 Obs	3/01-4/30 Exceed	3/01-4/30 Prop.	5/01-6/30 Obs	5/01-6/30 Exceed	5/01-6/30 Prop.	7/01-9/19 Obs	7/01-9/19 Exceed	7/01-9/19 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00							2	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	16	0	0.00	5	0	0.00	3	0	0.00	4	0	0.00	4	0	0.00
00400	PH	Other-Hi Lim.	9.	12	0	0.00	5	0	0.00	2	0	0.00	1	0	0.00	4	0	0.00
		Other-Lo Lim.	6.5	12	0	0.00	5	0	0.00	2	0	0.00	1	0	0.00	4	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	19	19	1.00	6	6	1.00	5	5	1.00	4	4	1.00	4	4	1.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	11	9	0.82	3	3	1.00	2	1	0.50	3	3	1.00	3	2	0.67

& - 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: SARA0016

NPS Station ID: SARA0016 LAT/LON: 43.195837/ -73.580559 Agency: 21NYDEC2 Date Created: 02/09/79
Location: HUDSON RIVER 5 MILES BELOW FORT EDWARD FIPS State/County: 36115 NEW YORK/WASHINGTON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 11F01008
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02020003 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST Elevation: 0 Water Body Id:
Minor Basin: UPPER HUDSON RIVER ECO Region:
RF1 Index: 02020003056 RF1 Mile Point: 7.350 Distance from RF1: 36.20 On/Off RF1: ON
RF3 Index: 02020003035203.78 RF3 Mile Point: 3.81 Distance from RF3: 0.05 On/Off RF3:
Description:
DATA FROM NEW YORK DEPARTMENT OF ENVIRONMENTAL CONSERVATION FISH TISSUE SAMPLES ANALYZED FOR TOXICS SAMPLE TAKEN FROM HUDSON RIVER 5 MILES BELOW FORT EDWARD

Parameter Inventory for Station: SARA0016

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00023	SAMPLE WEIGHT IN POUNDS	07/29/75-09/18/75	4	0.68	0.66	0.87	0.41	0.038	0.195	**	**	**	**
00024	SAMPLE LENGTH IN INCHES	07/29/75-09/18/75	4	11.245	11.445	13.4	9.89	2.15	1.466	**	**	**	**
34690	PCB - 1254 WET WGTTISMG/KG	07/29/75-09/18/75	18	20.345	23.014	57.13	5.56	204.189	14.289	5.686	11.86	36.753	42.703
39105	PERCENT FAT HEXANE EXTRACTION	07/29/75-09/18/75	12	4.	5.633	22.	1.1	31.575	5.619	1.22	2.15	6.925	17.89
39376	DDT SUM ANALOGS INTISSUE WET WGT BASIS	09/17/75-09/18/75	10	2.68	2.46	4.23	0.35	2.09	1.446	0.356	1.115	3.84	4.197
39515	PCBS (MG/KG) FISH TISSUE MG/KG	07/29/75-09/18/75	22	51.	71.5	178.	10.89	2061.906	45.408	15.123	37.098	110.89	123.544
81371	PCBS AROCLOR 1016&1242 IN FISH TISSUE WET WGT UG/G	07/29/75-09/18/75	21	47.57	51.543	157.2	5.19	1301.728	36.079	9.864	25.04	75.62	97.796
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	07/29/75-09/18/75	22	1.	3.045	20.	1.	18.998	4.359	1.	1.	3.	8.8
81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	07/29/75-09/18/75	10	1.	1.	1.	1.	0.	0.	1.	1.	1.	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: SARA0017

NPS Station ID: SARA0017 LAT/LON: 43.260003/ -73.580559 Agency: 21NYDEC2 Date Created: 02/09/79
Location: HUDSON RIVER AT FORT EDWARD BELOW G. E. FIPS State/County: 36115 NEW YORK/WASHINGTON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 11F01009
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02020003 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST Elevation: 0 Water Body Id:
Minor Basin: UPPER HUDSON RIVER ECO Region:
RF1 Index: 02020003057 RF1 Mile Point: 2.600 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02020003005604.74 RF3 Mile Point: 8.23 Distance from RF3: 0.16 On/Off RF3:
Description:
DATA FROM NEW YORK DEPARTMENT OF ENVIRONMENTAL CONSERVATION FISH TISSUE SAMPLES ANALYZED TOR TOXICS SAMPLE TAKEN FROM HUDSON RIVER AT FORT EDWARD

Parameter Inventory for Station: SARA0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34690	PCB - 1254 WET WGTTISMG/KG	07/21/75-09/19/75	4	23.765	25.16	41.8	11.31	171.185	13.084	**	**	**	**
39105	PERCENT FAT HEXANE EXTRACTION	07/21/75-09/19/75	4	3.05	3.3	5.5	1.6	3.66	1.913	**	**	**	**
39376	DDT SUM ANALOGS INTISSUE WET WGT BASIS	07/21/75-09/19/75	4	2.505	3.255	7.05	0.96	6.993	2.644	**	**	**	**
39515	PCBS (MG/KG) FISH TISSUE MG/KG	07/21/75-09/19/75	6	53.345	66.775	132.5	18.19	2740.006	52.345	**	**	**	**
81371	PCBS AROCLOR 1016&1242 IN FISH TISSUE WET WGT UG/G	07/21/75-09/19/75	8	27.35	43.964	104.21	9.88	1161.829	34.086	**	**	**	**
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	07/21/75-09/19/75	8	3.	4.25	10.	1.	11.643	3.412	**	**	**	**
81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	07/21/75-09/19/75	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 time series plot

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

Station Inventory for Station: SARA0018

NPS Station ID: SARA0018
LAT/LON: 43.255559/ -73.581670
Agency: 1111H030
Date Created: / /
Location: LAKE CHAMPLAIN-CHAMPLAIN CANAL
FIPS State/County: 36115 NEW YORK/WASHINGTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): CC-194.2
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02020003
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02020003057
RF1 Mile Point: 2.540
Distance from RF1: 16.00
On/Off RF1: OFF
RF3 Index: 02020003035203.78
RF3 Mile Point: 6.29
Distance from RF3: 0.04
On/Off RF3:
Description:
AT BR. C-14 FORT EDWARD

Parameter Inventory for Station: SARA0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/19/68-08/19/68	1	20.5	20.5	20.5	20.5	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/19/68-08/19/68	1	25.5	25.5	25.5	25.5	0.	0.	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	08/19/68-08/19/68	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/19/68-08/19/68	1	60.	60.	60.	60.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/19/68-08/19/68	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/19/68-08/19/68	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/19/68-08/19/68	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/19/68-08/19/68	1	0.631	0.631	0.631	0.631	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/19/68-08/19/68	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/19/68-08/19/68	1	0.23	0.23	0.23	0.23	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/19/68-08/19/68	1	0.38	0.38	0.38	0.38	0.	0.	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/19/68-08/19/68	1	0.44	0.44	0.44	0.44	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/19/68-08/19/68	1	4.	4.	4.	4.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/19/68-08/19/68	1	1900.	1900.	1900.	1900.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/19/68-08/19/68	1	3.279	3.279	3.279	3.279	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1900.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/19/68-08/19/68	1	64.	64.	64.	64.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/19/68-08/19/68	1	1.806	1.806	1.806	1.806	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			64.								

** - Less 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: SARA0018

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/20-2/29 Obs	9/20-2/29 Exceed	9/20-2/29 Prop.	3/01-4/30 Obs	3/01-4/30 Exceed	3/01-4/30 Prop.	5/01-6/30 Obs	5/01-6/30 Exceed	5/01-6/30 Prop.	7/01-9/19 Obs	7/01-9/19 Exceed	7/01-9/19 Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00										1	0	0.00
00400	PH	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	1	1.00										1	1	1.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00										1	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	1	1.00										1	1	1.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	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 Inventory for Station: SARA0019

NPS Station ID: SARA0019
LAT/LON: 43.255559/ -73.581670
Agency: 1111H030
Date Created: / /
Location: LAKE CHAMPLAIN-CHAMPLAIN CANAL
FIPS State/County: 36115 NEW YORK/WASHINGTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): CC-194.25
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02020003
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02020003057
RF1 Mile Point: 2.540
Distance from RF1: 3.60
On/Off RF1: OFF
RF3 Index: 02020003003301.80
RF3 Mile Point: 2.49
Distance from RF3: 0.05
On/Off RF3:
Description:
AT BR. C-14 FORT EDWARD

Parameter Inventory for Station: SARA0019

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: SARA0020

NPS Station ID: SARA0020
LAT/LON: 43.177781/ -73.585837
Agency: 21NYDECA
Date Created: 02/18/89
Location: U.HUDSON R. IN NORTHUMBERLAND @ ABOVE THOMPSON
FIPS State/County: 36091 NEW YORK/SARATOGA
Station Type: /TYPA/AMBNT/STREAM/NET
STORET Station ID(s): 11010189
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02020003
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id: U.HUDSON R. IN NORTHUMBER
Minor Basin: UPPER HUDSON RIVER
ECO Region:
RF1 Index: 02020003
RF1 Mile Point: 0.000
Distance from RF1: 0.50
On/Off RF1:
RF3 Index: 02020003003113.14
RF3 Mile Point: 13.59
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: SARA0020

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: SARA0021

NPS Station ID: SARA0021
LAT/LON: 43.267503/ -73.586670
Agency: 21NYDECA
Date Created: 02/18/89
Location: U.HUDSON R. IN FT.EDWARD @ VILLAGE DOCK
FIPS State/County: 36115 NEW YORK/WASHINGTON
Station Type: /TYPA/AMBNT/STREAM/NET
STORET Station ID(s): 11010192
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02020003
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id: U.HUDSON R. IN FT.EDWARD
Minor Basin: UPPER HUDSON RIVER
ECO Region:
RF1 Index: 02020003
RF1 Mile Point: 0.000
Distance from RF1: 2.20
On/Off RF1:
RF3 Index: 02020003005703.92
RF3 Mile Point: 6.89
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: SARA0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/13/73-03/18/82	45	12.	13.011	25.	0.1	68.958	8.304	1.5	5.	20.5	23.9
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/13/73-03/18/82	47	12.	13.038	40.	-14.	118.421	10.882	4.84	8.	21.	28.1
00032	CLOUD COVER (PERCENT)	11/13/73-03/18/82	44	40.	51.477	100.	0.	1433.465	37.861	7.5	15.	98.	99.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/13/73-09/08/76	24	4.15	6.288	22.5	2.	21.638	4.652	3.	3.85	7.85	13.5
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/11/76-03/18/82	30	2.5	2.928	8.3	0.6	3.474	1.864	1.3	1.675	3.475	5.89
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/13/73-03/18/82	64	82.	96.742	814.	40.5	8833.841	93.989	62.	72.	99.75	108.5
00300	OXYGEN, DISSOLVED MG/L	11/13/73-03/18/82	45	10.2	10.302	18.2	6.	7.63	2.762	7.2	7.9	12.4	14.08
00303	BOD, 1DAY, 20 DEG C MG/L	04/28/75-11/04/81	50	0.8	0.857	2.	0.05	0.233	0.483	0.2	0.5	1.2	1.49
00305	BOD, 3 DAY, 20 DEG C MG/L	04/28/75-11/04/81	27	1.9	1.826	3.8	0.5	0.539	0.734	1.04	1.3	2.3	2.74
00310	BOD, 5 DAY, 20 DEG C MG/L	11/13/73-03/18/82	40	2.85	2.87	6.3	1.	1.392	1.18	1.71	2.	3.175	4.47
00315	BOD, 7 DAY, 20 DEG C MG/L	03/18/74-11/04/81	51	3.1	3.254	8.	1.2	1.71	1.308	1.9	2.2	3.7	4.96
00335	COD, .025N K2CR2O7 MG/L	11/13/73-03/18/82	39	19.	17.81	29.	4.	36.168	6.014	9.	14.2	22.	25.
00340	COD, .25N K2CR2O7 MG/L	06/27/78-10/09/80	23	17.	20.652	62.	2.	152.055	12.331	6.	16.	23.	37.
00400	PH (STANDARD UNITS)	01/22/74-03/18/82	45	7.1	7.044	8.1	6.4	0.184	0.429	6.5	6.6	7.4	7.6
00400	CONVERTED PH (STANDARD UNITS)	01/22/74-03/18/82	45	7.1	6.868	8.1	6.4	0.216	0.464	6.5	6.6	7.4	7.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/74-03/18/82	45	0.079	0.135	0.398	0.008	0.012	0.11	0.025	0.04	0.251	0.316
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/27/78-03/18/82	37	12.	11.851	40.	5.	31.762	5.636	6.	9.	13.5	15.2
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	11/13/73-10/25/77	22	13.	13.	19.	8.	8.286	2.878	8.3	10.75	14.25	17.
00436	ACIDITY, MINERAL (METHYL ORANGE) (MG/L AS CACO3)	07/26/78-07/26/78	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	11/13/73-09/03/74	10	73.5	82.8	153.	57.	851.511	29.181	57.3	63.75	97.	148.6
00510	RESIDUE, TOTAL FIXED (MG/L)	11/13/73-09/03/74	10	47.	54.3	121.	25.	774.233	27.825	25.7	35.75	63.5	116.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/13/73-03/18/82	62	5.	8.629	100.	0.5	195.999	14.	1.3	3.	9.	15.7
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/25/75-03/18/82	37	3.	5.959	100.	0.5	255.505	15.985	1.	2.	5.	6.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	11/13/73-03/18/82	56	2.	3.473	36.	0.5	30.067	5.483	0.5	1.	4.	7.6
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	11/13/73-09/08/76	20	0.245	0.378	1.8	0.11	0.144	0.379	0.14	0.21	0.445	0.725
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/13/73-03/18/82	64	0.22	0.295	1.2	0.044	0.054	0.233	0.091	0.14	0.35	0.63
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/13/73-03/18/82	47	0.01	0.015	0.07	0.004	0.	0.014	0.005	0.006	0.019	0.035
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/13/73-09/08/76	24	0.46	0.435	0.79	0.16	0.031	0.176	0.19	0.293	0.56	0.67
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/25/75-03/18/82	36	0.68	0.751	2.1	0.3	0.174	0.417	0.324	0.423	0.9	1.2
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/25/77-03/18/82	37	0.4	0.424	0.74	0.2	0.022	0.149	0.216	0.3	0.525	0.65
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/13/73-09/08/76	24	0.185	0.234	0.68	0.03	0.034	0.183	0.045	0.09	0.37	0.515
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/18/75-03/18/82	46	0.01	0.02	0.1	0.001	0.001	0.024	0.002	0.005	0.023	0.064
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/13/73-10/09/80	11	26.	26.273	35.	17.	28.418	5.331	17.8	22.	30.	34.4
00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/13/73-09/03/74	10	7.7	7.84	11.	5.	3.183	1.784	5.13	6.375	9.175	10.87
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/13/73-09/03/74	10	1.5	1.51	2.2	1.	0.112	0.335	1.02	1.35	1.6	2.17
00930	SODIUM, DISSOLVED (MG/L AS NA)	11/13/73-09/03/74	10	4.3	4.48	6.5	2.4	2.551	1.597	2.45	2.975	6.275	6.5
00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/13/73-09/03/74	10	0.6	0.7	1.2	0.5	0.047	0.216	0.5	0.575	0.825	1.17
00940	CHLORIDE,TOTAL IN WATER MG/L	01/28/81-03/18/82	11	6.	5.364	8.	3.	3.055	1.748	3.	4.	6.	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 time series plot

Parameter Inventory for Station: SARA0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00941	CHLORIDE, DISSOLVED IN WATER MG/L	11/13/73-10/09/80	53	5.	4.774	9.	2.	2.486	1.577	3.	4.	6.	7.
00945	SULFATE, TOTAL (MG/L AS SO4)	11/13/73-01/28/81	12	14.5	15.167	21.	10.	13.424	3.664	10.3	12.	18.75	20.7
00951	FLUORIDE, TOTAL (MG/L AS F)	11/13/73-06/11/74	7	0.1	0.114	0.2	0.1	0.001	0.038	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	01/22/74-09/03/74	9	230.	307.778	690.	60.	33644.444	183.424	60.	205.	420.	690.
01055	MANGANESE, TOTAL (UG/L AS MN)	11/13/73-09/03/74	10	55.	136.	510.	20.	37004.444	192.365	21.	37.5	167.5	508.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/13/73-03/18/82	64	36000.	114960.625	700000.	0.	30402444558.333	174362.968	4000.	9850.	173750.	415000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/13/73-03/18/82	64	4.555	4.429	5.845	0.	1.141	1.068	3.602	3.993	5.22	5.618
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			26849.53								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	11/13/73-03/18/82	62	2850.	27527.274	800001.	100.	11380945678.366	106681.515	690.	1475.	9250.	48800.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	11/13/73-03/18/82	62	3.454	3.609	5.903	2.	0.509	0.714	2.831	3.169	3.966	4.659
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			4059.761								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/13/73-09/03/74	10	1020.	1642.	5300.	340.	2263951.111	1504.643	384.	795.	2275.	5080.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/13/73-09/03/74	10	3.007	3.087	3.724	2.531	0.115	0.339	2.568	2.9	3.349	3.701
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			1222.231								
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	11/13/73-09/03/74	10	98500.	186300.1	600001.	23000.37	096769711.211	192605.217	26200.	57250.	342500.	581000.9
31751	LOG PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	11/13/73-09/03/74	10	4.983	5.065	5.778	4.362	0.202	0.449	4.4	4.758	5.532	5.762
31751	GM PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	GEOMETRIC MEAN =			116186.47								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	11/13/73-01/03/79	41	3.	3.659	26.	0.001	17.655	4.202	0.5	1.	5.	6.
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	11/13/73-06/11/74	7	0.03	0.029	0.04	0.02	0.	0.007	**	**	**	**
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	04/13/76-09/08/76	6 ##	0.1	0.108	0.2	0.05	0.004	0.066	**	**	**	**
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	11/18/75-09/08/76	8 ##	0.09	0.104	0.2	0.05	0.004	0.06	**	**	**	**
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/25/77-03/18/82	40	0.03	0.037	0.1	0.005	0.001	0.024	0.01	0.02	0.05	0.07
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/28/81-11/04/81	11	1.7	1.664	4.7	0.6	1.287	1.134	0.62	1.	2.	4.16

** - Less 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: SARA0021

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/20-2/29 Obs	9/20-2/29 Exceed	9/20-2/29 Prop.	3/01-4/30 Obs	3/01-4/30 Exceed	3/01-4/30 Prop.	5/01-6/30 Obs	5/01-6/30 Exceed	5/01-6/30 Prop.	7/01-9/19 Obs	7/01-9/19 Exceed	7/01-9/19 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	24	0	0.00	7	0	0.00	4	0	0.00	5	0	0.00	8	0	0.00
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	30	0	0.00	8	0	0.00	5	0	0.00	8	0	0.00	9	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	45	0	0.00	14	0	0.00	8	0	0.00	10	0	0.00	13	0	0.00
00400	PH	Other-Hi Lim.	9.	45	0	0.00	14	0	0.00	9	0	0.00	9	0	0.00	13	0	0.00
		Other-Lo Lim.	6.5	45	6	0.13	14	2	0.14	9	2	0.22	9	2	0.22	13	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	47	0	0.00	12	0	0.00	7	0	0.00	12	0	0.00	16	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	24	0	0.00	7	0	0.00	4	0	0.00	5	0	0.00	8	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	37	0	0.00	10	0	0.00	6	0	0.00	10	0	0.00	11	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	11	0	0.00	3	0	0.00	3	0	0.00	2	0	0.00	3	0	0.00
		Drinking Water	250.	11	0	0.00	3	0	0.00	3	0	0.00	2	0	0.00	3	0	0.00
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	53	0	0.00	16	0	0.00	8	0	0.00	13	0	0.00	16	0	0.00
		Drinking Water	250.	53	0	0.00	16	0	0.00	8	0	0.00	13	0	0.00	16	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	12	0	0.00	4	0	0.00	2	0	0.00	2	0	0.00	4	0	0.00
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	7	0	0.00	3	0	0.00	2	0	0.00	2	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	64	61	0.95	19	19	1.00	12	12	1.00	15	13	0.87	18	17	0.94
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	62	61	0.98	18	18	1.00	11	11	1.00	16	15	0.94	17	17	1.00
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	11	0	0.00	4	0	0.00	2	0	0.00	2	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

Seasonal Analysis for Season #1: 9/20 to 2/29 - Station SARA0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/13/73-03/18/82	15	9.	4.607	19.5	-14.	66.709	8.168	2.52	5.	10.5	6.1
00032	CLOUD COVER (PERCENT)	11/13/73-03/18/82	14	70.	58.214	99.	5.	1785.412	42.254	7.5	10.	99.	99.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/13/73-03/18/82	19	75.	117.342	814.	40.5	28748.835	169.555	57.	71.	100.	107.
00303	BOD, 1DAY, 20 DEG C MG/L	04/28/75-11/04/81	14	0.6	0.711	1.5	0.05	0.188	0.433	0.075	0.4	1.	1.45
00315	BOD, 7 DAY, 20 DEG C MG/L	03/18/74-11/04/81	13	2.2	2.596	4.1	1.2	0.924	0.961	1.36	1.825	3.5	4.06
00400	PH (STANDARD UNITS)	01/22/74-03/18/82	14	7.	6.964	7.5	6.4	0.144	0.379	6.45	6.6	7.325	7.45
00400	CONVERTED PH (STANDARD UNITS)	01/22/74-03/18/82	14	6.989	6.82	7.5	6.4	0.166	0.408	6.45	6.6	7.325	7.45
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/74-03/18/82	14	0.103	0.151	0.398	0.032	0.015	0.121	0.036	0.048	0.251	0.357
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/13/73-03/18/82	18	5.	13.028	100.	0.5	514.543	22.684	1.85	3.75	14.	29.8
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	11/13/73-03/18/82	15	2.	3.7	16.	0.5	23.529	4.851	0.5	1.	4.	14.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/13/73-03/18/82	19	0.24	0.269	0.82	0.044	0.033	0.181	0.11	0.15	0.3	0.61
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/18/75-03/18/82	14	0.009	0.023	0.1	0.001	0.001	0.03	0.002	0.003	0.043	0.083
00941	CHLORIDE, DISSOLVED IN WATER MG/L	11/13/73-10/09/80	16	4.	4.313	8.	2.	2.629	1.621	2.	3.	5.75	6.6
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/13/73-03/18/82	19	19000.	72336.842	510000.	3000.15686222456.14		125244.65	7400.	10000.	77000.	250000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/13/73-03/18/82	19	4.279	4.451	5.708	3.477	0.331	0.575	3.869	4.	4.886	5.398
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			28275.004								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	11/13/73-03/18/82	18	2050.	8183.333	90000.	600.	426594411.765	20654.162	870.	1400.	5475.	19800.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	11/13/73-03/18/82	18	3.312	3.469	4.954	2.778	0.255	0.505	2.937	3.146	3.73	4.167
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			2942.374								

** - Less than 9 observations ## - Computed 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: 3/01 to 4/30 - Station SARA0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/13/73-03/18/82	9	8.	5.289	10.	-6.5	27.119	5.208	2.	4.6	1.75	10.
00032	CLOUD COVER (PERCENT)	11/13/73-03/18/82	9	99.	75.667	100.	5.	1556.25	39.449	5.	42.5	99.	100.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/13/73-03/18/82	11	82.	86.636	160.	62.	752.255	27.427	62.	70.	87.	149.4
00303	BOD, 1DAY, 20 DEG C MG/L	04/28/75-11/04/81	7	0.6	0.714	1.2	0.4	0.101	0.318	**	**	**	**
00315	BOD, 7 DAY, 20 DEG C MG/L	03/18/74-11/04/81	10	3.15	3.54	8.	1.9	2.78	1.667	1.96	2.65	3.675	7.59
00400	PH (STANDARD UNITS)	01/22/74-03/18/82	9	7.1	7.133	8.1	6.5	0.292	0.541	6.5	6.65	7.55	8.1
00400	CONVERTED PH (STANDARD UNITS)	01/22/74-03/18/82	9	7.1	6.896	8.1	6.5	0.356	0.597	6.5	6.65	7.55	8.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/74-03/18/82	9	0.079	0.127	0.316	0.008	0.014	0.12	0.008	0.028	0.237	0.316
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/13/73-03/18/82	11	4.	6.455	13.	1.	19.073	4.367	1.2	3.	10.	13.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	11/13/73-03/18/82	10	3.5	3.6	9.	0.5	7.544	2.747	0.5	0.875	5.25	8.7
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/13/73-03/18/82	11	0.2	0.269	0.62	0.093	0.032	0.179	0.094	0.1	0.43	0.588
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/18/75-03/18/82	9	0.008	0.02	0.08	0.001	0.001	0.03	0.001	0.003	0.037	0.08
00941	CHLORIDE, DISSOLVED IN WATER MG/L	11/13/73-10/09/80	8	4.5	4.375	6.	3.	1.125	1.061	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/13/73-03/18/82	12	18000.	142700.	560000.	6600.41508556363.636		203736.488	6720.	9850.	357500.	518000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/13/73-03/18/82	12	4.244	4.591	5.748	3.82	0.58	0.761	3.827	3.993	5.535	5.711
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			39011.501								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	11/13/73-03/18/82	11	1700.	4100.	25000.	600.	50208000.	7085.76	680.	1400.	2300.	21240.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	11/13/73-03/18/82	11	3.23	3.331	4.398	2.778	0.186	0.431	2.823	3.146	3.362	4.277
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			2143.923								

** - Less than 9 observations ## - Computed 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: 5/01 to 6/30 - Station SARA0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/13/73-03/18/82	10	19.	19.2	27.5	12.	18.233	4.27	12.2	17.	21.25	26.95
00032	CLOUD COVER (PERCENT)	11/13/73-03/18/82	8	20.	19.375	40.	0.	145.982	12.082	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/13/73-03/18/82	15	77.	80.467	125.	48.	483.695	21.993	53.4	62.	103.	116.
00303	BOD, 1DAY, 20 DEG C MG/L	04/28/75-11/04/81	14	0.8	0.914	2.	0.1	0.312	0.559	0.15	0.5	1.375	1.85
00315	BOD, 7 DAY, 20 DEG C MG/L	03/18/74-11/04/81	12	3.	3.408	6.6	2.	1.979	1.407	2.03	2.175	4.45	6.12

** - Less than 9 observations ## - Computed 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: 5/01 to 6/30 - Station SARA0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	01/22/74-03/18/82	9	6.6	6.911	7.6	6.5	0.186	0.431	6.5	6.55	7.3	7.6
00400	CONVERTED PH (STANDARD UNITS)	01/22/74-03/18/82	9	6.6	6.757	7.6	6.5	0.213	0.461	6.5	6.55	7.3	7.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/74-03/18/82	9	0.251	0.175	0.316	0.025	0.015	0.124	0.025	0.05	0.284	0.316
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/13/73-03/18/82	15	3.	8.233	52.	0.5	166.031	12.885	0.8	2.	11.	30.4
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	11/13/73-03/18/82	14	1.	4.786	36.	0.5	87.951	9.378	0.5	0.5	5.5	22.5
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/13/73-03/18/82	15	0.17	0.24	0.74	0.068	0.037	0.192	0.099	0.14	0.28	0.68
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/18/75-03/18/82	11	0.01	0.013	0.033	0.001	0.	0.009	0.002	0.005	0.02	0.03
00941	CHLORIDE, DISSOLVED IN WATER MG/L	11/13/73-10/09/80	13	4.	4.538	7.	2.	2.436	1.561	2.4	3.	6.	6.6
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/13/73-03/18/82	15	8000.	88512.	570000.	0.27184895	302.857	164878.426	348.	4000.	50000.	426000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/13/73-03/18/82	15	3.903	3.982	5.756	0.	1.931	1.389	1.658	3.602	4.699	5.613
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			9596.615								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	11/13/73-03/18/82	16	3650.	66252.563	800001.	100.40688	070159.729	201712.841	247.	1025.	9850.	380000.3
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	11/13/73-03/18/82	16	3.56	3.603	5.903	2.	0.975	0.987	2.344	3.002	3.983	5.482
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			4009.272								

** - Less than 9 observations ## - Computed 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 #4: 7/01 to 9/19 - Station SARA0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/13/73-03/18/82	13	21.6	23.392	40.	12.	62.682	7.917	12.6	18.5	28.25	38.
00032	CLOUD COVER (PERCENT)	11/13/73-03/18/82	13	40.	47.231	99.	5.	881.359	29.688	9.	22.5	75.	95.4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/13/73-03/18/82	19	91.	94.842	187.	69.	640.585	25.31	73.	81.	100.	110.
00303	BOD, 1DAY, 20 DEG C MG/L	04/28/75-11/04/81	15	1.	1.007	2.	0.1	0.251	0.501	0.16	0.7	1.4	1.64
00315	BOD, 7 DAY, 20 DEG C MG/L	03/18/74-11/04/81	16	3.25	3.494	6.3	1.6	1.331	1.154	1.81	3.	4.1	5.39
00400	PH (STANDARD UNITS)	01/22/74-03/18/82	13	7.1	7.162	7.9	6.6	0.158	0.397	6.64	6.8	7.5	7.78
00400	CONVERTED PH (STANDARD UNITS)	01/22/74-03/18/82	13	7.1	7.014	7.9	6.6	0.181	0.426	6.64	6.8	7.5	7.78
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/74-03/18/82	13	0.079	0.097	0.251	0.013	0.006	0.077	0.018	0.032	0.163	0.231
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/13/73-03/18/82	18	5.5	5.889	15.	1.	9.163	3.027	1.9	4.	7.25	9.6
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	11/13/73-03/18/82	17	1.	2.118	7.	0.5	3.548	1.884	0.5	0.75	3.5	5.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/13/73-03/18/82	19	0.28	0.377	1.2	0.063	0.101	0.317	0.066	0.15	0.58	0.93
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/18/75-03/18/82	12	0.012	0.022	0.073	0.004	0.	0.022	0.004	0.006	0.035	0.067
00941	CHLORIDE, DISSOLVED IN WATER MG/L	11/13/73-10/09/80	16	5.5	5.625	9.	3.	2.383	1.544	3.7	4.25	7.	7.6
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/13/73-03/18/82	18	65500.	163500.	700000.	0.41127323	529.412	202798.727	3600.	43000.	265000.	592000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/13/73-03/18/82	18	4.811	4.669	5.845	0.	1.657	1.287	3.242	4.633	5.423	5.772
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			46709.028								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	11/13/73-03/18/82	17	8400.	26720.588	200000.	600.	2461526580.882	49613.774	880.	3450.	22000.	104000.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	11/13/73-03/18/82	17	3.924	3.941	5.301	2.778	0.449	0.67	2.938	3.521	4.341	4.983
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			8731.035								

** - Less than 9 observations ## - Computed 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: SARA0022

NPS Station ID: SARA0022
LAT/LON: 43.267503/ -73.586670
Agency: 21NYDEC1
Date Created: 06/11/76
Location: HUDSON RIVER
FIPS State/County: 36115 NEW YORK/WASHINGTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 11 0562
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02020003
Depth of Water: 0
Aquifer:
Major Basin: UPPER HUDSON RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: NYS MILE PT.- 192.2
ECO Region:
RF1 Index: 02020003057
RF1 Mile Point: 2.720
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02020003003200.00
RF3 Mile Point: 0.00
Distance from RF3: 0.01
On/Off RF3:
Description:
LOCATION... OFF VILLAGE DOCK IN NORTH CHANNEL OF RIVER APPROX. 0.1 MILES UPSTREAM FROM RT 197 BRIDGE.
DATE ACTIVATED..... 11-01-73
DATE DEACTIVATED..... (ACTIVE)
STREAM NAME..... HUDSON RIVER
STREAM INDEX..... H
STREAM CLASSIFICATION..... D
TOPO MAP NAME.. HUDSON FALLS
TOPO MAP NO... H-26-3
MILE POINT..... 192.2
GAZETTEER NO.

Parameter Inventory for Station: SARA0022

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/13/73-03/18/82	45	12.	13.011	25.	0.1	68.958	8.304	1.5	5.	20.5	23.9
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/13/73-03/18/82	47	12.	13.038	40.	-14.	118.421	10.882	4.84	8.	21.	28.1
00032	CLOUD COVER (PERCENT)	11/13/73-03/18/82	44	40.	51.477	100.	0.	1433.465	37.861	7.5	15.	98.	99.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/13/73-09/08/76	25	4.3	6.236	22.5	2.	20.802	4.561	3.	3.9	7.7	13.2
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/11/76-03/18/82	30	2.5	2.928	8.3	0.6	3.474	1.864	1.3	1.675	3.475	5.89
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	11/13/73-09/03/74	10	27.	26.8	35.	17.	31.733	5.633	17.6	23.	31.25	35.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/13/73-03/18/82	54	81.5	98.213	814.	40.5	10429.977	102.127	62.	71.75	99.25	108.5
00300	OXYGEN, DISSOLVED MG/L	11/13/73-03/18/82	45	10.2	10.302	18.2	6.	7.63	2.762	7.2	7.9	12.4	14.08
00303	BOD, 1DAY, 20 DEG C MG/L	04/28/75-10/09/80	41	0.8	0.828	2.	0.05	0.261	0.51	0.12	0.45	1.1	1.58
00305	BOD, 3 DAY, 20 DEG C MG/L	04/28/75-09/10/80	26	1.95	1.842	3.8	0.5	0.553	0.744	1.01	1.275	2.3	2.76
00310	BOD, 5 DAY, 20 DEG C MG/L	11/13/73-03/18/82	31	2.8	2.929	6.3	1.	1.72	1.312	1.48	2.	3.4	5.06
00312	BOD, 6 DAY, 20 DEG C MG/L	03/09/76-03/09/76	1	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
00315	BOD, 7 DAY, 20 DEG C MG/L	03/18/74-10/09/80	41	3.1	3.328	8.	1.2	1.96	1.4	1.9	2.3	3.75	5.
00335	COD, .025N K2CR2O7 MG/L	11/13/73-03/18/82	29	19.	17.621	29.	4.	43.03	6.56	8.	12.	22.	26.
00340	COD, .25N K2CR2O7 MG/L	06/27/78-10/09/80	23	17.	20.652	62.	2.	152.055	12.331	6.	16.	23.	37.
00400	PH (STANDARD UNITS)	01/22/74-03/18/82	45	7.1	7.044	8.1	6.4	0.184	0.429	6.5	6.6	7.4	7.6
00400	CONVERTED PH (STANDARD UNITS)	01/22/74-03/18/82	45	7.1	6.868	8.1	6.4	0.216	0.464	6.5	6.6	7.4	7.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/74-03/18/82	45	0.079	0.135	0.398	0.008	0.012	0.11	0.025	0.04	0.251	0.316
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/27/78-03/18/82	26	12.5	11.981	17.	5.	7.81	2.795	8.	10.	14.	15.3
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	11/13/73-10/25/77	22	13.	13.	19.	8.	8.286	2.878	8.3	10.75	14.25	17.
00436	ACIDITY, MINERAL (METHYL ORANGE) (MG/L AS CACO3)	07/26/78-07/26/78	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	11/13/73-09/03/74	10	73.5	82.8	153.	57.	851.511	29.181	57.3	63.75	97.	148.6
00510	RESIDUE, TOTAL FIXED (MG/L)	11/13/73-09/03/74	10	47.	54.3	121.	25.	774.233	27.825	25.7	35.75	63.5	116.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/13/73-03/18/82	54	5.	9.148	100.	0.5	221.44	14.881	1.5	3.75	9.	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 time series plot

Parameter Inventory for Station: SARA0022

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/25/75-03/18/82	28	3.5	6.804	100.	0.5	336.747	18.351	1.	2.	5.	6.1
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	11/13/73-03/18/82	54	2.	3.435	36.	0.5	30.963	5.564	0.5	0.875	4.	8.
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	11/13/73-09/08/76	20	0.245	0.378	1.8	0.11	0.144	0.379	0.14	0.21	0.445	0.725
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/13/73-03/18/82	55	0.235	0.316	1.2	0.066	0.058	0.242	0.097	0.16	0.4	0.68
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/13/73-03/18/82	37	0.01	0.017	0.07	0.004	0.	0.016	0.005	0.006	0.021	0.038
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/13/73-09/08/76	25	0.44	0.424	0.79	0.16	0.033	0.181	0.172	0.265	0.56	0.664
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/25/75-03/18/82	31	0.67	0.752	2.1	0.3	0.199	0.446	0.314	0.4	0.9	1.2
00629	NITROGEN, ORGANIC KJELDAHL, TOTAL (MG/L AS N)	09/08/76-09/08/76	1	0.95	0.95	0.95	0.95	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/25/77-03/18/82	27	0.4	0.416	0.74	0.2	0.022	0.149	0.2	0.3	0.52	0.65
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/13/73-09/08/76	25	0.19	0.24	0.68	0.03	0.033	0.182	0.048	0.09	0.37	0.512
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/18/75-03/18/82	35	0.008	0.02	0.1	0.001	0.001	0.025	0.002	0.004	0.03	0.067
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/13/73-10/09/80	11	26.	26.273	35.	17.	28.418	5.331	17.8	22.	30.	34.4
00916	CALCIUM, TOTAL (MG/L AS CA)	11/13/73-09/03/74	10	7.7	7.84	11.	5.	3.183	1.784	5.13	6.375	9.175	10.87
00927	MAGNESIUM, TOTAL (MG/L AS MG)	11/13/73-09/03/74	10	1.5	1.51	2.2	1.	0.112	0.335	1.02	1.35	1.6	2.17
00929	SODIUM, TOTAL (MG/L AS NA)	11/13/73-09/03/74	10	4.3	4.48	6.5	2.4	2.551	1.597	2.45	2.975	6.275	6.5
00937	POTASSIUM, TOTAL MG/L AS K)	11/13/73-09/03/74	10	0.6	0.7	1.2	0.5	0.047	0.216	0.5	0.575	0.825	1.17
00940	CHLORIDE,TOTAL IN WATER MG/L	11/13/73-03/18/82	55	5.	4.782	9.	2.	2.433	1.56	3.	4.	6.	7.
00945	SULFATE, TOTAL (MG/L AS SO4)	11/13/73-09/10/80	11	14.	14.636	20.	10.	11.055	3.325	10.2	12.	18.	19.8
00951	FLUORIDE, TOTAL (MG/L AS F)	11/13/73-06/11/74	7	0.1	0.114	0.2	0.1	0.001	0.038	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	11/13/73-09/03/74	10	55.	136.	510.	20.	37004.444	192.365	21.	37.5	167.5	508.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/13/73-03/18/82	56	39500.	127508.571	700000.	0.33460	310950.649	182921.598	4000.	9850.	207500.	447000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/13/73-03/18/82	56	4.597	4.455	5.845	0.	1.275	1.129	3.602	3.993	5.317	5.649
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			28496.715								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	10/28/75-03/18/82	40	2300.	5824.	80000.	100.	168221270.769	12970.014	630.	1400.	4800.	11640.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	10/28/75-03/18/82	40	3.362	3.408	4.903	2.	0.264	0.513	2.796	3.146	3.681	4.064
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			2558.988								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/13/73-09/09/75	15	15000.	96593.4	800001.	1400.42	36879829	6.257	205836.824	1520.	6200.	90000.	440000.4
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/13/73-09/09/75	15	4.176	4.298	5.903	3.146	0.674	0.821	3.181	3.792	4.954	5.542
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			19879.249								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	11/13/73-09/03/74	10	1020.	1642.	5300.	340.	2263951.111	1504.643	384.	795.	2275.	5080.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	11/13/73-09/03/74	10	3.007	3.087	3.724	2.531	0.115	0.339	2.568	2.9	3.349	3.701
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1222.231								
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	11/13/73-09/03/74	10	98500.	186300.1	600001.	23000.3	70967697	11.211	192605.217	26200.	57250.	342500.	581000.9
31751	LOG PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	11/13/73-09/03/74	10	4.983	5.065	5.778	4.362	0.202	0.449	4.4	4.758	5.532	5.762
31751	GM PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	GEOMETRIC MEAN =			116186.47								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	11/13/73-01/03/79	42	3.	3.619	26.	0.001	17.29	4.158	0.5	1.	5.	6.
34671	PCB - 1016 TOTWUG/L	11/18/75-09/08/76	8	0.329	1.401	9.	0.05	9.493	3.081	**	**	**	**
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	11/13/73-06/11/74	7	0.03	0.029	0.04	0.02	0.	0.007	**	**	**	**
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	04/13/76-09/08/76	6 ##	0.1	0.108	0.2	0.05	0.004	0.066	**	**	**	**
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	11/18/75-09/08/76	8 ##	0.09	0.104	0.2	0.05	0.004	0.06	**	**	**	**
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/25/77-03/18/82	30	0.03	0.037	0.1	0.005	0.001	0.027	0.008	0.018	0.05	0.088
74010	IRON, TOTAL (MG/L AS FE)	01/22/74-09/03/74	9	0.23	0.308	0.69	0.06	0.034	0.183	0.06	0.205	0.42	0.69

** - 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 time series plot

EPA Water Quality Criteria Analysis for Station: SARA0022

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/20-2/29 Obs	9/20-2/29 Exceed	9/20-2/29 Prop.	3/01-4/30 Obs	3/01-4/30 Exceed	3/01-4/30 Prop.	5/01-6/30 Obs	5/01-6/30 Exceed	5/01-6/30 Prop.	7/01-9/19 Obs	7/01-9/19 Exceed	7/01-9/19 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	25	0	0.00	8	0	0.00	4	0	0.00	5	0	0.00	8	0	0.00
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	30	0	0.00	8	0	0.00	5	0	0.00	8	0	0.00	9	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	45	0	0.00	14	0	0.00	8	0	0.00	10	0	0.00	13	0	0.00
00400	PH	Other-Hi Lim.	9.	45	0	0.00	14	0	0.00	9	0	0.00	9	0	0.00	13	0	0.00
		Other-Lo Lim.	6.5	45	6	0.13	14	2	0.14	9	2	0.22	9	2	0.22	13	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	37	0	0.00	9	0	0.00	5	0	0.00	10	0	0.00	13	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	25	0	0.00	8	0	0.00	4	0	0.00	5	0	0.00	8	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	27	0	0.00	7	0	0.00	4	0	0.00	8	0	0.00	8	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	55	0	0.00	17	0	0.00	9	0	0.00	13	0	0.00	16	0	0.00
		Drinking Water	250.	55	0	0.00	17	0	0.00	9	0	0.00	13	0	0.00	16	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	11	0	0.00	3	0	0.00	2	0	0.00	2	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

EPA Water Quality Criteria Analysis for Station: SARA0022

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/20-2/29 Obs	9/20-2/29 Exceed	9/20-2/29 Prop.	3/01-4/30 Obs	3/01-4/30 Exceed	3/01-4/30 Prop.	5/01-6/30 Obs	5/01-6/30 Exceed	5/01-6/30 Prop.	7/01-9/19 Obs	7/01-9/19 Exceed	7/01-9/19 Prop.
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	7	0	0.00	3	0	0.00	2	0	0.00	2	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	56	53	0.95	16	16	1.00	11	11	1.00	13	11	0.85	16	15	0.94
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	40	39	0.98	13	13	1.00	6	6	1.00	10	9	0.90	11	11	1.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	15	15	1.00	3	3	1.00	4	4	1.00	3	3	1.00	5	5	1.00

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

Seasonal Analysis for Season #1: 9/20 to 2/29 - Station SARA0022

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/13/73-03/18/82	15	9.	4.607	19.5	-14.	66.709	8.168	2.52	5.	10.5	6.1
00032	CLOUD COVER (PERCENT)	11/13/73-03/18/82	14	70.	58.214	99.	5.	1785.412	42.254	7.5	10.	99.	99.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/13/73-03/18/82	16	77.	125.281	814.	40.5	34010.932	184.421	54.85	71.25	100.	317.
00315	BOD, 7 DAY, 20 DEG C MG/L	03/18/74-10/09/80	10	2.5	2.605	4.1	1.2	0.875	0.935	1.255	1.863	3.45	4.05
00400	PH (STANDARD UNITS)	01/22/74-03/18/82	14	7.	6.964	7.5	6.4	0.144	0.379	6.45	6.6	7.325	7.45
00400	CONVERTED PH (STANDARD UNITS)	01/22/74-03/18/82	14	6.989	6.82	7.5	6.4	0.166	0.408	6.45	6.6	7.325	7.45
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/74-03/18/82	14	0.103	0.151	0.398	0.032	0.015	0.121	0.036	0.048	0.251	0.357
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/13/73-03/18/82	16	5.	13.594	100.	0.5	578.441	24.051	1.55	3.25	17.25	45.4
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	11/13/73-03/18/82	15	2.	3.433	16.	0.5	23.281	4.825	0.5	1.	3.	14.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/13/73-03/18/82	17	0.24	0.293	0.82	0.11	0.031	0.177	0.134	0.2	0.3	0.652
00940	CHLORIDE,TOTAL IN WATER MG/L	11/13/73-03/18/82	17	4.	4.294	8.	2.	2.471	1.572	2.	3.	5.5	6.4
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/13/73-03/18/82	16	30000.	85150.	510000.	7400.17746760000.		133216.966	9220.	14250.	80000.	328000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/13/73-03/18/82	16	4.475	4.578	5.708	3.869	0.29	0.539	3.961	4.154	4.903	5.491
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			37877.253								

** - Less than 9 observations ## - Computed 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: 3/01 to 4/30 - Station SARA0022

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/13/73-03/18/82	9	8.	5.289	10.	-6.5	27.119	5.208	2.	4.6	1.75	10.
00032	CLOUD COVER (PERCENT)	11/13/73-03/18/82	9	99.	75.667	100.	5.	1556.25	39.449	5.	42.5	99.	100.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/13/73-03/18/82	9	80.	84.889	160.	62.	882.361	29.705	62.	66.	86.	160.
00315	BOD, 7 DAY, 20 DEG C MG/L	03/18/74-10/09/80	8	3.3	3.7	8.	1.9	3.417	1.849	**	**	**	**
00400	PH (STANDARD UNITS)	01/22/74-03/18/82	9	7.1	7.133	8.1	6.5	0.292	0.541	6.5	6.65	7.55	8.1
00400	CONVERTED PH (STANDARD UNITS)	01/22/74-03/18/82	9	7.1	6.896	8.1	6.5	0.356	0.597	6.5	6.65	7.55	8.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/74-03/18/82	9	0.079	0.127	0.316	0.008	0.014	0.12	0.008	0.028	0.237	0.316
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/13/73-03/18/82	9	4.	6.444	13.	1.	20.778	4.558	1.	3.	11.5	13.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	11/13/73-03/18/82	9	3.	3.444	9.	0.5	8.215	2.866	0.5	0.75	5.5	9.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/13/73-03/18/82	9	0.2	0.286	0.62	0.093	0.036	0.19	0.093	0.11	0.445	0.62
00940	CHLORIDE,TOTAL IN WATER MG/L	11/13/73-03/18/82	9	5.	4.556	6.	3.	1.278	1.13	3.	3.5	5.5	6.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/13/73-03/18/82	11	22000.	154672.727	560000.	6600.43767242181.818		209206.219	6680.	9800.	410000.	532000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/13/73-03/18/82	11	4.342	4.641	5.748	3.82	0.605	0.778	3.825	3.991	5.613	5.723
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			43769.791								

** - Less than 9 observations ## - Computed 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: 5/01 to 6/30 - Station SARA0022

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/13/73-03/18/82	10	19.	19.2	27.5	12.	18.233	4.27	12.2	17.	21.25	26.95
00032	CLOUD COVER (PERCENT)	11/13/73-03/18/82	8	20.	19.375	40.	0.	145.982	12.082	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/13/73-03/18/82	13	77.	79.538	125.	48.	511.936	22.626	51.6	62.	96.5	119.
00315	BOD, 7 DAY, 20 DEG C MG/L	03/18/74-10/09/80	10	3.	3.51	6.6	2.	2.208	1.486	2.01	2.325	4.775	6.44
00400	PH (STANDARD UNITS)	01/22/74-03/18/82	9	6.6	6.911	7.6	6.5	0.186	0.431	6.5	6.55	7.3	7.6
00400	CONVERTED PH (STANDARD UNITS)	01/22/74-03/18/82	9	6.6	6.757	7.6	6.5	0.213	0.461	6.5	6.55	7.3	7.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/74-03/18/82	9	0.251	0.175	0.316	0.025	0.015	0.124	0.025	0.05	0.284	0.316
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/13/73-03/18/82	13	5.	9.115	52.	0.5	187.34	13.687	0.7	2.	11.	37.6
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	11/13/73-03/18/82	13	1.	5.077	36.	0.5	93.994	9.695	0.5	0.5	6.	25.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/13/73-03/18/82	13	0.17	0.258	0.74	0.068	0.04	0.201	0.097	0.15	0.285	0.7
00940	CHLORIDE,TOTAL IN WATER MG/L	11/13/73-03/18/82	13	4.	4.538	7.	2.	2.436	1.561	2.4	3.	6.	6.6
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/13/73-03/18/82	13	6000.	96821.538	570000.	0.31142651030.769		176472.805	232.	3500.	145000.	474000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/13/73-03/18/82	13	3.778	3.899	5.756	0.	2.194	1.481	1.105	3.54	5.04	5.661
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			7919.862								

** - Less than 9 observations ## - Computed 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 #4: 7/01 to 9/19 - Station SARA0022

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/13/73-03/18/82	13	21.6	23.392	40.	12.	62.682	7.917	12.6	18.5	28.25	38.
00032	CLOUD COVER (PERCENT)	11/13/73-03/18/82	13	40.	47.231	99.	5.	881.359	29.688	9.	22.5	75.	95.4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/13/73-03/18/82	16	88.5	93.813	187.	69.	750.563	27.396	71.8	78.	99.75	131.
00315	BOD, 7 DAY, 20 DEG C MG/L	03/18/74-10/09/80	13	3.1	3.515	6.3	1.6	1.635	1.279	1.72	3.	4.5	5.78
00400	PH (STANDARD UNITS)	01/22/74-03/18/82	13	7.1	7.162	7.9	6.6	0.158	0.397	6.64	6.8	7.5	7.78
00400	CONVERTED PH (STANDARD UNITS)	01/22/74-03/18/82	13	7.1	7.014	7.9	6.6	0.181	0.426	6.64	6.8	7.5	7.78
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/74-03/18/82	13	0.079	0.097	0.251	0.013	0.006	0.077	0.018	0.032	0.163	0.231
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/13/73-03/18/82	16	6.	6.25	15.	2.	8.6	2.933	3.4	4.25	7.75	10.8
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	11/13/73-03/18/82	17	1.	2.176	7.	0.5	3.717	1.928	0.5	0.75	4.	5.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/13/73-03/18/82	16	0.28	0.405	1.2	0.066	0.113	0.335	0.077	0.155	0.61	1.011
00940	CHLORIDE,TOTAL IN WATER MG/L	11/13/73-03/18/82	16	5.5	5.625	9.	3.	2.383	1.544	3.7	4.25	7.	7.6
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/13/73-03/18/82	16	66000.	176125.	700000.	0.450	56516666.667	212265.204	2800.	41000.	275000.	616000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/13/73-03/18/82	16	4.813	4.655	5.845	0.	1.875	1.369	2.521	4.612	5.439	5.788
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			45173.926								

** - 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

Station Inventory for Station: SARA0023

NPS Station ID: SARA0023
LAT/LON: 43.128615/ -73.587504
Agency: 21NYDEC1
Date Created: 11/02/85
Location: HUDSON RIVER @ ROUTE 4 BRIDGE IN THOMSON
FIPS State/County: 36115 NEW YORK/WASHINGTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 51101004
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02020003
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: UPPER HUDSON RIVER
ECO Region:
RF1 Index: 02020003056
RF1 Mile Point: 1.870
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02020003003303.83
RF3 Mile Point: 4.40
Distance from RF3: 0.28
On/Off RF3:
Description:

Parameter Inventory for Station: SARA0023

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/29/86-11/10/86	6	17.25	16.583	24.	7.	41.642	6.453	**	**	**	**
00400	PH (STANDARD UNITS)	04/29/86-11/10/86	6	7.02	6.973	7.3	6.5	0.083	0.289	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/29/86-11/10/86	6	7.02	6.887	7.3	6.5	0.093	0.304	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/29/86-11/10/86	6	0.096	0.13	0.316	0.05	0.01	0.099	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/29/86-11/10/86	6	30.	30.	40.	24.	30.4	5.514	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	11/07/85-11/07/85	1	9.9	9.9	9.9	9.9	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	11/07/85-11/07/85	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	04/23/85-11/10/86	12 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01012	BERYLLIUM, TOTAL (UG/L AS BE)	04/23/85-11/10/86	12 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
01027	CADMIUM, TOTAL (UG/L AS CD)	04/23/85-11/10/86	12 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/23/85-11/10/86	12 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01042	COPPER, TOTAL (UG/L AS CU)	04/23/85-11/10/86	12 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01051	LEAD, TOTAL (UG/L AS PB)	04/23/85-11/10/86	12 ##	5.	6.	12.	5.	5.636	2.374	5.	5.	5.	11.4
01059	THALLIUM, TOTAL (UG/L AS TL)	04/23/85-11/10/86	12 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01067	NICKEL, TOTAL (UG/L AS NI)	04/23/85-11/10/86	12 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
01077	SILVER, TOTAL (UG/L AS AG)	04/23/85-11/10/86	12 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
01092	ZINC, TOTAL (UG/L AS ZN)	04/23/85-11/10/86	12 ##	17.5	22.583	52.	10.	214.992	14.663	10.	10.	33.	48.4
01097	ANTIMONY, TOTAL (UG/L AS SB)	04/23/85-11/10/86	12 ##	2.5	2.917	5.	2.5	0.947	0.973	2.5	2.5	2.5	5.
01147	SELENIUM, TOTAL (UG/L AS SE)	04/23/85-11/10/86	12 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	04/23/85-11/10/86	12 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	04/23/85-11/10/86	12 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
32104	BROMOFORM,WHOLE WATER,UG/L	04/23/85-11/10/86	12 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	04/23/85-11/10/86	12 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
32106	CHLOROFORM,WHOLE WATER,UG/L	04/23/85-11/10/86	12 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34301	CHLOROBENZENE TOTWUG/L	04/23/85-11/10/86	12 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34311	CHLOROETHANE TOTWUG/L	04/23/85-11/10/86	12 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34413	METHYL BROMIDE TOTWUG/L	04/23/85-11/10/86	12 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34418	METHYL CHLORIDE TOTWUG/L	04/23/85-11/10/86	12 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34423	METHYLENE CHLORIDE TOTWUG/L	04/23/85-11/10/86	12 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34475	TETRACHLOROETHYLENE TOTWUG/L	04/23/85-11/10/86	12 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	04/23/85-11/10/86	12 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34496	1,1-DICHLOROETHANE TOTWUG/L	04/23/85-11/10/86	12 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34501	1,1-DICHLOROETHYLENE TOTWUG/L	04/23/85-11/10/86	12 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	04/23/85-11/10/86	12 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	04/23/85-11/10/86	12 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	04/23/85-11/10/86	12 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34531	1,2-DICHLOROETHANE TOTWUG/L	04/23/85-11/10/86	12 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34536	1,2-DICHLOROBENZENE TOTWUG/L	04/23/85-11/10/86	12 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5

** - 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: SARA0023

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34541	1,2-DICHLOROPROPANE TOTWUG/L	04/23/85-11/10/86	12 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	04/23/85-11/10/86	12 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34566	1,3-DICHLOROBENZENE TOTWUG/L	04/23/85-11/10/86	12 ##	0.5	0.958	6.	0.5	2.521	1.588	0.5	0.5	0.5	4.35
34571	1,4-DICHLOROBENZENE TOTWUG/L	04/23/85-11/10/86	12 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	04/23/85-11/10/86	12 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34668	DICHLORODIFUOROMETHANE TOTWUG/L	04/23/85-11/10/86	12 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	04/23/85-11/10/86	12 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	04/23/85-11/10/86	12 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	04/23/85-11/10/86	12 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	04/23/85-11/10/86	12 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
71900	MERCURY, TOTAL (UG/L AS HG)	04/23/85-11/10/86	12 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1

** - 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

EPA Water Quality Criteria Analysis for Station: SARA0023

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/20-2/29 Obs	9/20-2/29 Exceed	9/20-2/29 Prop.	3/01-4/30 Obs	3/01-4/30 Exceed	3/01-4/30 Prop.	5/01-6/30 Obs	5/01-6/30 Exceed	5/01-6/30 Prop.	7/01-9/19 Obs	7/01-9/19 Exceed	7/01-9/19 Prop.
00400	PH	Other-Hi Lim.	9.	6	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00
		Other-Lo Lim.	6.5	6	1	0.17	2	1	0.50	1	0	0.00	1	0	0.00	2	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	12	0	0.00	4	0	0.00	2	0	0.00	2	0	0.00	4	0	0.00
		Drinking Water	50.	12	0	0.00	4	0	0.00	2	0	0.00	2	0	0.00	4	0	0.00
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	12	0	0.00	4	0	0.00	2	0	0.00	2	0	0.00	4	0	0.00
		Drinking Water	4.	12	0	0.00	4	0	0.00	2	0	0.00	2	0	0.00	4	0	0.00
01027	CADMIUM, TOTAL	Fresh Acute	3.9	12	0	0.00	4	0	0.00	2	0	0.00	2	0	0.00	4	0	0.00
		Drinking Water	5.	12	0	0.00	4	0	0.00	2	0	0.00	2	0	0.00	4	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	12	0	0.00	4	0	0.00	2	0	0.00	2	0	0.00	4	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	12	0	0.00	4	0	0.00	2	0	0.00	2	0	0.00	4	0	0.00
		Drinking Water	1300.	12	0	0.00	4	0	0.00	2	0	0.00	2	0	0.00	4	0	0.00
01051	LEAD, TOTAL	Fresh Acute	82.	12	0	0.00	4	0	0.00	2	0	0.00	2	0	0.00	4	0	0.00
		Drinking Water	15.	12	0	0.00	4	0	0.00	2	0	0.00	2	0	0.00	4	0	0.00
01059	THALLIUM, TOTAL	Fresh Acute	1400.	12	0	0.00	4	0	0.00	2	0	0.00	2	0	0.00	4	0	0.00
		Drinking Water	2.	0 &	0	0.00												
01067	NICKEL, TOTAL	Fresh Acute	1400.	12	0	0.00	4	0	0.00	2	0	0.00	2	0	0.00	4	0	0.00
		Drinking Water	100.	12	0	0.00	4	0	0.00	2	0	0.00	2	0	0.00	4	0	0.00
01077	SILVER, TOTAL	Fresh Acute	4.1	12	0	0.00	4	0	0.00	2	0	0.00	2	0	0.00	4	0	0.00
		Drinking Water	100.	12	0	0.00	4	0	0.00	2	0	0.00	2	0	0.00	4	0	0.00
01092	ZINC, TOTAL	Fresh Acute	120.	12	0	0.00	4	0	0.00	2	0	0.00	2	0	0.00	4	0	0.00
		Drinking Water	5000.	12	0	0.00	4	0	0.00	2	0	0.00	2	0	0.00	4	0	0.00
01097	ANTIMONY, TOTAL	Fresh Acute	88.	12	0	0.00	4	0	0.00	2	0	0.00	2	0	0.00	4	0	0.00
		Drinking Water	6.	12	0	0.00	4	0	0.00	2	0	0.00	2	0	0.00	4	0	0.00
01147	SELENIUM, TOTAL	Fresh Acute	20.	12	0	0.00	4	0	0.00	2	0	0.00	2	0	0.00	4	0	0.00
		Drinking Water	50.	12	0	0.00	4	0	0.00	2	0	0.00	2	0	0.00	4	0	0.00
32101	BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	12	0	0.00	4	0	0.00	2	0	0.00	2	0	0.00	4	0	0.00
32102	CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	12	0	0.00	4	0	0.00	2	0	0.00	2	0	0.00	4	0	0.00
		Drinking Water	5.	12	0	0.00	4	0	0.00	2	0	0.00	2	0	0.00	4	0	0.00
32104	BROMOFORM, WHOLE WATER	Drinking Water	100.	12	0	0.00	4	0	0.00	2	0	0.00	2	0	0.00	4	0	0.00
32105	DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	12	0	0.00	4	0	0.00	2	0	0.00	2	0	0.00	4	0	0.00
32106	CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	12	0	0.00	4	0	0.00	2	0	0.00	2	0	0.00	4	0	0.00
		Drinking Water	100.	12	0	0.00	4	0	0.00	2	0	0.00	2	0	0.00	4	0	0.00
34301	CHLOROBENZENE, TOTAL	Drinking Water	100.	12	0	0.00	4	0	0.00	2	0	0.00	2	0	0.00	4	0	0.00
34423	METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	12	0	0.00	4	0	0.00	2	0	0.00	2	0	0.00	4	0	0.00
34475	TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	12	0	0.00	4	0	0.00	2	0	0.00	2	0	0.00	4	0	0.00
		Drinking Water	5.	12	0	0.00	4	0	0.00	2	0	0.00	2	0	0.00	4	0	0.00
34501	1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	12	0	0.00	4	0	0.00	2	0	0.00	2	0	0.00	4	0	0.00
34506	1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	12	0	0.00	4	0	0.00	2	0	0.00	2	0	0.00	4	0	0.00
34511	1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	12	0	0.00	4	0	0.00	2	0	0.00	2	0	0.00	4	0	0.00
34531	1,2-DICHLOROETHANE, TOTAL	Fresh Acute	118000.	12	0	0.00	4	0	0.00	2	0	0.00	2	0	0.00	4	0	0.00
		Drinking Water	5.	12	0	0.00	4	0	0.00	2	0	0.00	2	0	0.00	4	0	0.00
34536	1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	12	0	0.00	4	0	0.00	2	0	0.00	2	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

EPA Water Quality Criteria Analysis for Station: SARA0023

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/20-2/29 Obs	9/20-2/29 Exceed	9/20-2/29 Prop.	3/01-4/30 Obs	3/01-4/30 Exceed	3/01-4/30 Prop.	5/01-6/30 Obs	5/01-6/30 Exceed	5/01-6/30 Prop.	7/01-9/19 Obs	7/01-9/19 Exceed	7/01-9/19 Prop.
34541	1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	12	0	0.00	4	0	0.00	2	0	0.00	2	0	0.00	4	0	0.00
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	12	0	0.00	4	0	0.00	2	0	0.00	2	0	0.00	4	0	0.00
34566	1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	12	0	0.00	4	0	0.00	2	0	0.00	2	0	0.00	4	0	0.00
34571	1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	12	0	0.00	4	0	0.00	2	0	0.00	2	0	0.00	4	0	0.00
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	12	0	0.00	4	0	0.00	2	0	0.00	2	0	0.00	4	0	0.00
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	12	0	0.00	4	0	0.00	2	0	0.00	2	0	0.00	4	0	0.00
		Drinking Water	5.	12	0	0.00	4	0	0.00	2	0	0.00	2	0	0.00	4	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	12	0	0.00	4	0	0.00	2	0	0.00	2	0	0.00	4	0	0.00
		Drinking Water	2.	12	0	0.00	4	0	0.00	2	0	0.00	2	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: SARA0024

NPS Station ID: SARA0024
LAT/LON: 43.174171/ -73.587504
Agency: 21NYDEC2
Date Created: 02/09/79
Location: HUDSON RIVER AT THOMPSON ISLAND
FIPS State/County: 36091 NEW YORK/SARATOGA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 11F01004
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02020003
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: UPPER HUDSON RIVER
ECO Region:
RF1 Index: 02020003056
RF1 Mile Point: 5.710
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02020003006000.00
RF3 Mile Point: 3.19
Distance from RF3: 0.08
On/Off RF3:
Description:
DATA FROM NEW YORK DEPARTMENT OF ENVIRONMENTAL CONSERVATION FISH TISSUE SAMPLES ANALYZED FOR TOXICS SAMPLE TAKEN FROM HUDSON RIVER AT THOMPSON ISLAND

Parameter Inventory for Station: SARA0024

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00024	SAMPLE LENGTH IN INCHES	06/22/76-11/10/76	6	13.255	12.615	15.8	6.62	12.205	3.494	**	**	**	**
34664	PCB - 1221 WET WGTTISMG/KG	11/10/76-11/10/76	15	0.24	4.607	43.4	0.005	146.815	12.117	0.029	0.11	0.65	30.62
34690	PCB - 1254 WET WGTTISMG/KG	06/22/76-11/10/76	17	17.3	67.858	468.	3.98	14643.838	121.012	4.628	9.5	56.65	308.88
39105	PERCENT FAT HEXANE EXTRACTION	06/22/76-11/10/76	17	8.	14.335	38.	0.6	138.704	11.777	1.16	4.6	25.5	30.
39376	DDT SUM ANALOGS INTISSUE WET WGT BASIS	06/22/76-06/22/76	2	8.01	8.01	11.15	4.87	19.719	4.441	**	**	**	**
39515	PCBS (MG/KG) FISH TISSUE MG/KG	06/22/76-11/10/76	16	32.875	161.293	988.5	4.13	96014.617	309.862	5.901	15.	127.605	926.557
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	08/24/77-08/24/77	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	08/24/77-08/24/77	1	0.78	0.78	0.78	0.78	0.	0.	**	**	**	**
71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	08/24/77-08/24/77	1	0.31	0.31	0.31	0.31	0.	0.	**	**	**	**
71938	ZINC,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	08/24/77-08/24/77	1	10.29	10.29	10.29	10.29	0.	0.	**	**	**	**
71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	08/24/77-08/24/77	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	08/24/77-08/24/77	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
81371	PCBS AROCLOR 1016&1242 IN FISH TISSUE WET WGT UG/G	06/22/76-11/10/76	17	8.7	83.551	719.4	0.005	37400.975	193.393	0.005	1.163	51.4	489.48
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	06/22/76-08/24/77	18	2.	2.944	9.	1.	4.879	2.209	1.	1.	4.25	6.3
81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	06/22/76-08/24/77	13	1.	1.	1.	1.	0.	0.	1.	1.	1.	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: SARA0025

NPS Station ID: SARA0025
LAT/LON: 43.128615/ -73.587504
Agency: 21NYDECA
Date Created: 02/18/89
Location: U.HUDSON R. IN THOMSON @ RT.4 BR.
FIPS State/County: 36115 NEW YORK/WASHINGTON
Station Type: /TYPA/AMBNT/STREAM/NET
STORET Station ID(s): 11010181 /GS01328770
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02020003
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id: U.HUDSON R. IN THOMSON
Minor Basin: UPPER HUDSON RIVER
ECO Region:
RF1 Index: 02020003
RF1 Mile Point: 0.000
Distance from RF1: 14.70
On/Off RF1:
RF3 Index: 02020003020400.00
RF3 Mile Point: 6.11
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: SARA0025

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/73-11/12/86	106	15.6	14.616	27.	0.	65.824	8.113	2.5	7.375	22.125	24.86
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/12/72-11/12/86	103	16.3	16.086	33.3	-13.	92.912	9.639	5.4	-5.	24.	28.
00032	CLOUD COVER (PERCENT)	12/12/72-11/12/86	101	50.	51.891	100.	0.	1346.518	36.695	5.	20.	90.	100.
00061	FLOW, STREAM, INSTANTANEOUS CFS	12/12/72-09/05/73	10	7480.	6897.	12011.	2739.	8142305.778	2853.473	2829.1	4210.	8732.5	11713.9
00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/12/72-05/13/74	16	5.6	8.075	23.	3.	27.146	5.21	3.77	5.225	11.075	16.7
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/26/77-11/12/86	72	2.7	4.178	32.	0.4	22.106	4.702	1.23	2.	4.075	9.95
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/26/77-11/12/86	84	96.	105.202	825.	47.	6962.26	83.44	68.	83.25	105.75	122.
00300	OXYGEN, DISSOLVED MG/L	12/12/72-11/12/86	100	9.	9.523	16.2	5.6	6.47	2.544	6.62	7.325	11.4	13.2
00303	BOD, 1DAY, 20 DEG C MG/L	05/26/77-11/04/81	37	0.7	0.811	2.	0.05	0.294	0.542	0.18	0.5	1.25	1.74
00305	BOD, 3 DAY, 20 DEG C MG/L	06/27/78-09/10/81	19	2.	1.926	3.1	0.4	0.659	0.812	0.7	1.1	2.8	3.
00310	BOD, 5 DAY, 20 DEG C MG/L	12/12/72-11/12/86	76	2.45	2.574	5.6	0.	1.095	1.046	1.37	2.	3.3	3.86
00315	BOD, 7 DAY, 20 DEG C MG/L	05/14/73-08/19/86	47	3.	3.043	6.	1.3	1.031	1.015	1.88	2.1	3.6	4.36
00335	COD, .025N K2CR2O7 MG/L	05/26/77-04/30/86	52	17.5	19.177	84.	8.6	125.549	11.205	12.93	15.	19.	22.
00340	COD, .25N K2CR2O7 MG/L	06/27/78-08/18/83	21	16.	18.762	52.	2.	193.49	13.91	2.	10.	23.	45.2
00400	PH (STANDARD UNITS)	12/12/72-11/12/86	103	7.	7.065	7.9	6.4	0.101	0.318	6.7	6.9	7.3	7.5
00400	CONVERTED PH (STANDARD UNITS)	12/12/72-11/12/86	103	7.	6.962	7.9	6.4	0.112	0.334	6.7	6.9	7.3	7.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/12/72-11/12/86	103	0.1	0.109	0.398	0.013	0.006	0.075	0.032	0.05	0.126	0.2
00403	PH, LAB, STANDARD UNITS SU	07/21/83-07/21/83	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/21/83-07/21/83	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/21/83-07/21/83	1	0.126	0.126	0.126	0.126	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/27/78-12/02/85	73	16.	17.192	111.	6.	148.074	12.169	10.	13.	19.	21.6
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	05/26/77-05/26/77	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00436	ACIDITY, MINERAL (METHYL ORANGE) (MG/L AS CACO3)	07/26/78-07/26/78	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	09/17/74-09/17/74	1	48.	48.	48.	48.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/26/77-11/12/86	85	7.	9.471	101.	2.	134.919	11.615	3.	4.5	10.	15.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/27/78-11/12/86	81	4.	6.068	100.	0.5	128.661	11.343	2.	2.5	6.	8.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/26/77-11/12/86	76	2.5	4.046	21.	0.5	19.401	4.405	0.5	1.	5.	11.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/26/77-11/12/86	84	0.15	0.179	0.53	0.006	0.012	0.112	0.074	0.095	0.22	0.36
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/26/77-11/12/86	63	0.01	0.015	0.075	0.005	0.	0.012	0.005	0.008	0.019	0.028
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/05/73-09/05/73	1	1.17	1.17	1.17	1.17	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/26/77-10/09/86	40	0.8	0.794	1.4	0.17	0.061	0.247	0.506	0.64	0.938	1.18
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/26/77-11/12/86	81	0.4	0.395	0.82	0.05	0.022	0.149	0.212	0.29	0.5	0.59
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/26/77-11/12/86	78	0.005	0.01	0.22	0.001	0.001	0.025	0.002	0.003	0.008	0.017
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/13/74-11/12/86	21	30.	54.476	300.	16.	5726.862	75.676	20.	26.5	40.	218.4
00916	CALCIUM, TOTAL (MG/L AS CA)	11/07/85-11/07/85	1	9.9	9.9	9.9	9.9	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	11/07/85-11/07/85	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	02/26/81-12/02/85	47	6.	6.021	11.	3.	2.934	1.713	4.	5.	7.	8.2
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/26/77-10/08/80	28	5.	5.911	14.	2.5	6.705	2.589	3.	4.25	7.	8.5

** - 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: SARA0025

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	07/15/81-11/10/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	07/15/81-11/10/86	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	07/15/81-11/10/86	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	07/15/81-11/10/86	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	07/15/81-11/10/86	7	34.	37.286	52.	25.	108.905	10.436	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	07/15/81-11/10/86	2	13.	13.	20.	6.	98.	9.899	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	07/15/81-11/10/86	4	11.	11.75	20.	5.	38.917	6.238	**	**	**	**
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	07/15/81-11/10/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	07/15/81-11/10/86	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	12/12/72-09/18/86	96	19000.	268536.49	20000000.	0.	**********	2040063.127	2820.	9100.	44500.	118000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	12/12/72-09/18/86	96	4.279	4.224	7.301	0.	1.026	1.013	3.448	3.959	4.648	5.061
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			16751.747								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	12/12/72-09/18/86	99	1200.	2223.333	30000.	50.	14066314.286	3750.509	300.	600.	2600.	4100.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	12/12/72-09/18/86	99	3.079	3.077	4.477	1.699	0.228	0.478	2.477	2.778	3.415	3.613
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1194.227								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	12/12/72-04/02/74	16	275.	284.25	910.	8.	57118.867	238.996	23.4	71.	435.	623.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	12/12/72-04/02/74	16	2.439	2.228	2.959	0.903	0.306	0.554	1.305	1.85	2.638	2.777
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			168.972								
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	12/12/72-04/02/74	16	14500.	28550.	130000.	4200.	1083944000.	32923.305	5460.	10250.	29750.	85900.
31751	LOG PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	12/12/72-04/02/74	16	4.161	4.266	5.114	3.623	0.157	0.396	3.732	4.01	4.473	4.912
31751	GM PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	GEOMETRIC MEAN =			18444.939								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/16/73-12/02/85	74	2.	2.723	14.	0.001	5.2	2.28	1.	1.	4.	5.5
34566	1,3-DICHLOROBENZENE TOTWUG/L	04/23/85-11/10/86	1	6.	6.	6.	6.	0.	0.	**	**	**	**
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/26/77-11/12/86	85	0.03	0.031	0.3	0.006	0.001	0.033	0.01	0.02	0.03	0.05
71900	MERCURY, TOTAL (UG/L AS HG)	07/15/81-11/10/86	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	02/26/81-11/04/81	11	2.	3.009	8.5	1.2	5.699	2.387	1.24	1.7	3.2	8.16

** - Less 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: SARA0025

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/20-2/29 Obs	9/20-2/29 Exceed	9/20-2/29 Prop.	3/01-4/30 Obs	3/01-4/30 Exceed	3/01-4/30 Prop.	5/01-6/30 Obs	5/01-6/30 Exceed	5/01-6/30 Prop.	7/01-9/19 Obs	7/01-9/19 Exceed	7/01-9/19 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	16	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00	3	0	0.00
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	72	0	0.00	19	0	0.00	14	0	0.00	18	0	0.00	21	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	100	0	0.00	29	0	0.00	20	0	0.00	22	0	0.00	29	0	0.00
00400	PH	Other-Hi Lim.	9.	103	0	0.00	32	0	0.00	21	0	0.00	20	0	0.00	30	0	0.00
		Other-Lo Lim.	6.5	103	5	0.05	32	3	0.09	21	1	0.05	20	1	0.05	30	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	63	0	0.00	16	0	0.00	12	0	0.00	14	0	0.00	21	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00										1	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	81	0	0.00	21	0	0.00	15	0	0.00	20	0	0.00	25	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	47	0	0.00	14	0	0.00	9	0	0.00	10	0	0.00	14	0	0.00
		Drinking Water	250.	47	0	0.00	14	0	0.00	9	0	0.00	10	0	0.00	14	0	0.00
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	28	0	0.00	8	0	0.00	4	0	0.00	8	0	0.00	8	0	0.00
		Drinking Water	250.	28	0	0.00	8	0	0.00	4	0	0.00	8	0	0.00	8	0	0.00
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Fresh Acute	360.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS	Fresh Acute	130.	1	0	0.00										1	0	0.00
		Drinking Water	4.	0 &	0	0.00												
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	100.	1	0	0.00										1	0	0.00
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Fresh Acute	120.	7	0	0.00	2	0	0.00				1	0	0.00	4	0	0.00
		Drinking Water	5000.	7	0	0.00	2	0	0.00				1	0	0.00	4	0	0.00
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Fresh Acute	3.9	2	2	1.00										2	2	1.00
		Drinking Water	5.	2	2	1.00										2	2	1.00
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Fresh Acute	82.	4	0	0.00							1	0	0.00	3	0	0.00
		Drinking Water	15.	4	1	0.25							1	0	0.00	3	1	0.33

& - 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: SARA0025

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/20-2/29 Obs	9/20-2/29 Exceed	9/20-2/29 Prop.	3/01-4/30 Obs	3/01-4/30 Exceed	3/01-4/30 Prop.	5/01-6/30 Obs	5/01-6/30 Exceed	5/01-6/30 Prop.	7/01-9/19 Obs	7/01-9/19 Exceed	7/01-9/19 Prop.
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS C	Drinking Water	100.	1	0	0.00										1	0	0.00
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Fresh Acute	18.	0 &	0	0.00												
		Drinking Water	1300.	1	0	0.00										1	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	96	92	0.96	28	27	0.96	18	16	0.89	22	22	1.00	28	27	0.96
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	99	94	0.95	29	29	1.00	18	18	1.00	22	21	0.95	30	26	0.87
34566	1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	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
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	11	0	0.00	4	0	0.00	2	0	0.00	2	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

Annual Analysis for 1972 - Station SARA0025

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/12/72-11/12/86	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00032	CLOUD COVER (PERCENT)	12/12/72-11/12/86	1	95.	95.	95.	95.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	12/12/72-11/12/86	1	14.6	14.6	14.6	14.6	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	12/12/72-11/12/86	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/12/72-11/12/86	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/12/72-11/12/86	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	12/12/72-09/18/86	1	6000.	6000.	6000.	6000.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	12/12/72-09/18/86	1	3.778	3.778	3.778	3.778	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			6000.								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	12/12/72-09/18/86	1	950.	950.	950.	950.	0.	0.	**	**	**	**
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	12/12/72-09/18/86	1	2.978	2.978	2.978	2.978	0.	0.	**	**	**	**
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			950.								

** - Less than 9 observations ## - Computed with 50% or 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 SARA0025

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/73-11/12/86	12	12.7	13.717	27.	1.	101.458	10.073	1.3	2.675	25.125	27.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/12/72-11/12/86	12	15.5	17.858	32.8	3.5	109.603	10.469	4.55	7.425	27.75	32.56
00032	CLOUD COVER (PERCENT)	12/12/72-11/12/86	11	80.	62.909	99.	10.	1244.491	35.277	10.	30.	99.	99.
00300	OXYGEN, DISSOLVED MG/L	12/12/72-11/12/86	11	10.5	10.518	15.	6.	10.746	3.278	6.2	7.2	13.8	14.92
00400	PH (STANDARD UNITS)	12/12/72-11/12/86	9	6.8	6.856	7.3	6.7	0.043	0.207	6.7	6.7	7.	7.3
00400	CONVERTED PH (STANDARD UNITS)	12/12/72-11/12/86	9	6.8	6.819	7.3	6.7	0.044	0.21	6.7	6.7	7.	7.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/12/72-11/12/86	9	0.158	0.152	0.2	0.05	0.003	0.056	0.05	0.1	0.2	0.2
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	12/12/72-09/18/86	10	29500.	53860.	230000.	7000.	4731733777.778	68787.599	7120.	9100.	70000.	217000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	12/12/72-09/18/86	10	4.467	4.455	5.362	3.845	0.268	0.518	3.852	3.958	4.834	5.326
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			28482.42								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	12/12/72-09/18/86	12	1150.	4161.667	30000.	320.	69353924.242	8327.9	374.	605.	3650.	22890.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	12/12/72-09/18/86	12	3.057	3.194	4.477	2.505	0.314	0.561	2.563	2.782	3.555	4.274
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1563.216								

** - Less than 9 observations ## - Computed with 50% or 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 SARA0025

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/73-11/12/86	8	12.1	13.113	24.8	2.5	83.216	9.122	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/12/72-11/12/86	9	10.8	14.267	33.3	-5.4	152.655	12.355	4.3	8.35	26.2	33.3
00032	CLOUD COVER (PERCENT)	12/12/72-11/12/86	9	80.	62.778	95.	15.	1063.194	32.607	15.	25.	90.	95.
00300	OXYGEN, DISSOLVED MG/L	12/12/72-11/12/86	9	10.4	10.289	15.2	6.8	10.211	3.195	6.8	7.1	13.	15.2
00400	PH (STANDARD UNITS)	12/12/72-11/12/86	7	7.	6.886	7.1	6.7	0.031	0.177	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/12/72-11/12/86	7	7.	6.855	7.1	6.7	0.033	0.18	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/12/72-11/12/86	7	0.1	0.14	0.2	0.079	0.003	0.056	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	12/12/72-09/18/86	9	210000.	2508000.333	20000000.	14000.	**********	6566104.468	14000.	54000.	710001.	20000000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	12/12/72-09/18/86	9	5.322	5.432	7.301	4.146	0.857	0.926	4.146	4.697	5.851	7.301
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			270474.368								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	12/12/72-09/18/86	9	2500.	2822.222	9000.	220.	8206044.444	2864.619	220.	590.	4450.	9000.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	12/12/72-09/18/86	9	3.398	3.201	3.954	2.342	0.302	0.55	2.342	2.711	3.638	3.954
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1587.996								

** - Less than 9 observations ## - Computed with 50% or 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 SARA0025

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	12/12/72-09/18/86	4	0.	195000.	780000.	0.152100000000.		390000.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	12/12/72-09/18/86	4	0.	1.473	5.892	0.	8.679	2.946	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			29.718								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	12/12/72-09/18/86	4	2850.	2600.	3800.	900.	1500000.	1224.745	**	**	**	**
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	12/12/72-09/18/86	4	3.454	3.361	3.58	2.954	0.077	0.278	**	**	**	**
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			2294.182								

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Annual Analysis for 1977 - Station SARA0025

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/73-11/12/86	1	20.5	20.5	20.5	20.5	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/12/72-11/12/86	1	17.2	17.2	17.2	17.2	0.	0.	**	**	**	**
00032	CLOUD COVER (PERCENT)	12/12/72-11/12/86	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/26/77-11/12/86	2	3.5	3.5	4.	3.	0.5	0.707	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/26/77-11/12/86	2	108.	108.	122.	94.	392.	19.799	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	12/12/72-11/12/86	1	8.8	8.8	8.8	8.8	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	12/12/72-11/12/86	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/12/72-11/12/86	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/12/72-11/12/86	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/26/77-11/12/86	2	4.	4.	4.	4.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/26/77-11/12/86	2	0.42	0.42	0.5	0.34	0.013	0.113	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/26/77-11/12/86	2	0.76	0.76	0.82	0.7	0.007	0.085	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/26/77-11/12/86	2	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	12/12/72-09/18/86	2	38500.	38500.	43000.	34000.	40500000.	6363.961	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	12/12/72-09/18/86	2	4.582	4.582	4.633	4.531	0.005	0.072	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			38236.109								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	12/12/72-09/18/86	1	3700.	3700.	3700.	3700.	0.	0.	**	**	**	**
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	12/12/72-09/18/86	1	3.568	3.568	3.568	3.568	0.	0.	**	**	**	**
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			3700.								
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/26/77-11/12/86	2	0.055	0.055	0.06	0.05	0.	0.007	**	**	**	**

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Annual Analysis for 1978 - Station SARA0025

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/73-11/12/86	6	19.5	16.667	25.	3.5	71.067	8.43	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/12/72-11/12/86	6	19.25	18.75	26.	9.	50.975	7.14	**	**	**	**
00032	CLOUD COVER (PERCENT)	12/12/72-11/12/86	5	30.	48.	90.	20.	1170.	34.205	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/26/77-11/12/86	6	4.2	4.625	7.5	3.1	2.33	1.526	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/26/77-11/12/86	6	96.	96.833	150.	47.	1141.367	33.784	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	12/12/72-11/12/86	6	6.9	8.2	12.6	6.4	6.224	2.495	**	**	**	**
00400	PH (STANDARD UNITS)	12/12/72-11/12/86	6	6.75	6.783	7.	6.5	0.038	0.194	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/12/72-11/12/86	6	6.747	6.747	7.	6.5	0.039	0.198	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/12/72-11/12/86	6	0.179	0.179	0.316	0.1	0.007	0.081	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/27/78-12/02/85	5	18.	16.6	21.	8.	26.8	5.177	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/26/77-11/12/86	6	7.	22.167	101.	5.	1492.967	38.639	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/27/78-11/12/86	6	4.5	19.833	100.	2.	1544.967	39.306	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/26/77-11/12/86	5	0.43	0.393	0.53	0.185	0.017	0.13	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/26/77-11/12/86	6	0.515	0.458	0.57	0.2	0.02	0.14	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/26/77-11/12/86	5	0.002	0.003	0.007	0.001	0.	0.003	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	12/12/72-09/18/86	6	18500.	19783.333	35000.	5300.	149873666.667	12242.29	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	12/12/72-09/18/86	6	4.267	4.208	4.544	3.724	0.106	0.326	**	**	**	**

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Annual Analysis for 1978 - Station SARA0025

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			16126.021								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	12/12/72-09/18/86	6	880.	875.	1800.	160.	300470.	548.151	**	**	**	**
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	12/12/72-09/18/86	6	2.944	2.845	3.255	2.204	0.128	0.357	**	**	**	**
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			700.489								
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/26/77-11/12/86	6	0.02	0.019	0.03	0.01	0.	0.007	**	**	**	**

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Annual Analysis for 1979 - Station SARA0025

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/73-11/12/86	9	11.	10.789	22.	0.1	67.614	8.223	0.1	2.75	19.5	22.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/12/72-11/12/86	10	5.25	9.75	24.5	-13.	159.347	12.623	6.	6.	24.125	-9.25
00032	CLOUD COVER (PERCENT)	12/12/72-11/12/86	10	37.5	52.2	99.	10.	1597.733	39.972	10.	17.5	99.	99.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/26/77-11/12/86	10	5.95	9.67	32.	3.2	83.073	9.114	3.23	3.575	14.75	30.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/26/77-11/12/86	12	93.	163.25	825.	49.	45219.477	212.649	53.2	71.25	154.25	634.5
00300	OXYGEN, DISSOLVED MG/L	12/12/72-11/12/86	9	11.	10.733	16.2	6.8	8.89	2.982	6.8	8.2	12.8	16.2
00400	PH (STANDARD UNITS)	12/12/72-11/12/86	10	6.85	6.89	7.5	6.5	0.105	0.325	6.5	6.65	7.125	7.47
00400	CONVERTED PH (STANDARD UNITS)	12/12/72-11/12/86	10	6.825	6.794	7.5	6.5	0.116	0.34	6.5	6.65	7.125	7.47
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/12/72-11/12/86	10	0.15	0.161	0.316	0.032	0.01	0.102	0.035	0.075	0.229	0.316
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/27/78-12/02/85	12	14.5	13.833	22.	7.	17.606	4.196	7.3	10.	16.	20.5
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/26/77-11/12/86	12	9.	12.917	35.	3.	116.629	10.799	3.	4.5	22.25	32.9
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/27/78-11/12/86	12	4.	6.958	35.	0.5	82.93	9.107	0.95	3.	7.	26.9
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/26/77-11/12/86	12	0.19	0.194	0.35	0.094	0.004	0.064	0.111	0.153	0.218	0.32
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/26/77-11/12/86	9	0.4	0.401	0.61	0.2	0.016	0.125	0.2	0.3	0.5	0.61
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/26/77-11/12/86	9	0.004	0.03	0.22	0.001	0.005	0.072	0.001	0.002	0.015	0.22
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	12/12/72-09/18/86	11	17000.	23900.	61000.	1000.	437930000.	20926.777	1180.	9000.	45000.	60000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	12/12/72-09/18/86	11	4.23	4.145	4.785	3.	0.324	0.569	3.056	3.954	4.653	4.778
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			13949.933								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	12/12/72-09/18/86	11	2700.	2554.545	5700.	100.	3380727.273	1838.675	180.	700.	3900.	5600.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	12/12/72-09/18/86	11	3.431	3.223	3.756	2.	0.273	0.523	2.14	2.845	3.591	3.748
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1671.119								
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/26/77-11/12/86	12	0.035	0.055	0.3	0.007	0.006	0.079	0.008	0.023	0.05	0.228

** - Less than 9 observations ## - Computed with 50% or 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 SARA0025

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/73-11/12/86	8	18.5	16.838	25.5	2.5	63.183	7.949	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/12/72-11/12/86	8	18.	18.25	32.	4.5	80.286	8.96	**	**	**	**
00032	CLOUD COVER (PERCENT)	12/12/72-11/12/86	8	45.	51.125	99.	5.	1055.839	32.494	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/26/77-11/12/86	8	2.1	2.038	3.6	0.7	0.8	0.894	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/26/77-11/12/86	8	98.	105.875	189.	75.	1243.839	35.268	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	12/12/72-11/12/86	7	7.5	8.2	11.3	6.6	2.577	1.605	**	**	**	**
00400	PH (STANDARD UNITS)	12/12/72-11/12/86	7	7.3	7.243	7.4	6.9	0.033	0.181	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/12/72-11/12/86	7	7.3	7.206	7.4	6.9	0.034	0.186	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/12/72-11/12/86	7	0.05	0.062	0.126	0.04	0.001	0.031	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/27/78-12/02/85	8	13.	13.5	18.	11.	4.286	2.07	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/26/77-11/12/86	8	7.5	8.	15.	3.	14.286	3.78	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/27/78-11/12/86	7	8.	6.571	11.	2.	12.619	3.552	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/26/77-11/12/86	8	0.108	0.136	0.39	0.068	0.011	0.106	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/26/77-11/12/86	7	0.5	0.44	0.59	0.3	0.018	0.134	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/26/77-11/12/86	8	0.003	0.003	0.007	0.001	0.	0.002	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	12/12/72-09/18/86	8	45500.	41125.	72000.	6000.	504125000.	22452.728	**	**	**	**

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Annual Analysis for 1980 - Station SARA0025

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	12/12/72-09/18/86	8	4.655	4.516	4.857	3.778	0.133	0.365	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			32829.799								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	12/12/72-09/18/86	8	1450.	1898.75	4100.	190.	2027726.786	1423.983	**	**	**	**
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	12/12/72-09/18/86	8	3.155	3.139	3.613	2.279	0.178	0.422	**	**	**	**
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1378.56								
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/26/77-11/12/86	8	0.025	0.026	0.06	0.006	0.	0.017	**	**	**	**

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Annual Analysis for 1981 - Station SARA0025

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/73-11/12/86	10	13.25	14.15	25.5	1.5	70.836	8.416	1.9	7.	22.875	25.35
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/12/72-11/12/86	10	14.25	13.7	25.	1.	70.622	8.404	1.2	6.	22.25	24.8
00032	CLOUD COVER (PERCENT)	12/12/72-11/12/86	10	16.5	30.8	100.	0.	1191.067	34.512	0.3	3.	64.5	96.9
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/26/77-11/12/86	10	99.	97.1	112.	70.	191.433	13.836	70.7	89.75	107.75	111.8
00300	OXYGEN, DISSOLVED MG/L	12/12/72-11/12/86	10	9.7	9.57	14.1	5.6	8.16	2.857	5.7	6.6	11.95	13.93
00400	PH (STANDARD UNITS)	12/12/72-11/12/86	10	7.1	7.18	7.5	7.	0.026	0.162	7.	7.075	7.3	7.48
00400	CONVERTED PH (STANDARD UNITS)	12/12/72-11/12/86	10	7.1	7.155	7.5	7.	0.027	0.164	7.	7.075	7.3	7.48
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/12/72-11/12/86	10	0.079	0.07	0.1	0.032	0.001	0.023	0.033	0.05	0.085	0.1
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/27/78-12/02/85	12	12.	20.083	111.	6.	833.356	28.868	6.	10.	16.	82.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/26/77-11/12/86	11	5.	6.273	15.	2.	15.818	3.977	2.	3.	8.	14.2
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/27/78-11/12/86	11	4.	3.727	7.	1.	3.418	1.849	1.2	2.	5.	6.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/26/77-11/12/86	11	0.12	0.129	0.19	0.065	0.001	0.035	0.071	0.1	0.15	0.184
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/26/77-11/12/86	11	0.49	0.473	0.63	0.28	0.015	0.123	0.29	0.33	0.6	0.624
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/26/77-11/12/86	11	0.005	0.006	0.016	0.003	0.	0.004	0.003	0.004	0.006	0.015
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	12/12/72-09/18/86	10	10450.	9850.	19000.	300.	54685000.	7394.931	370.	2725.	16750.	19000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	12/12/72-09/18/86	10	4.006	3.755	4.279	2.477	0.373	0.611	2.529	3.389	4.223	4.279
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			5684.58								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	12/12/72-09/18/86	10	450.	603.	1900.	50.	283156.667	532.125	65.	215.	807.5	1793.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	12/12/72-09/18/86	10	2.653	2.617	3.279	1.699	0.192	0.438	1.759	2.332	2.907	3.243
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			414.049								
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/26/77-11/12/86	11	0.03	0.027	0.05	0.01	0.	0.011	0.012	0.02	0.03	0.048

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Annual Analysis for 1982 - Station SARA0025

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/73-11/12/86	10	15.75	14.15	24.	2.	59.336	7.703	2.35	6.625	21.75	23.85
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/12/72-11/12/86	10	17.5	16.3	27.	3.	75.122	8.667	3.2	8.	24.	26.7
00032	CLOUD COVER (PERCENT)	12/12/72-11/12/86	10	52.5	53.	100.	0.	1978.889	44.485	0.5	5.	100.	100.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/26/77-11/12/86	10	3.1	3.16	4.2	2.3	0.543	0.737	2.31	2.475	4.	4.18
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/26/77-11/12/86	10	98.	92.	113.	65.	223.111	14.937	65.5	79.75	100.5	111.9
00300	OXYGEN, DISSOLVED MG/L	12/12/72-11/12/86	10	8.6	8.99	11.4	7.2	2.343	1.531	7.24	7.75	10.6	11.38
00400	PH (STANDARD UNITS)	12/12/72-11/12/86	10	7.075	7.155	7.8	6.4	0.226	0.475	6.42	6.825	7.65	7.8
00400	CONVERTED PH (STANDARD UNITS)	12/12/72-11/12/86	10	7.074	6.939	7.8	6.4	0.278	0.527	6.42	6.825	7.65	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/12/72-11/12/86	10	0.084	0.115	0.398	0.016	0.015	0.122	0.016	0.023	0.157	0.383
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/27/78-12/02/85	10	16.5	16.3	23.	12.	10.678	3.268	12.1	13.	18.	22.5
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/26/77-11/12/86	10	5.	5.7	10.	2.	6.678	2.584	2.2	4.	7.75	10.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/27/78-11/12/86	10	5.	4.5	8.	2.	4.722	2.173	2.	2.	6.25	7.9
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/26/77-11/12/86	10	0.1	0.101	0.13	0.072	0.	0.019	0.073	0.086	0.12	0.129
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/26/77-11/12/86	10	0.315	0.349	0.59	0.17	0.018	0.135	0.175	0.25	0.478	0.584
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/26/77-11/12/86	9	0.006	0.007	0.011	0.004	0.	0.002	0.004	0.005	0.009	0.011
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	12/12/72-09/18/86	8	16000.	25950.	74000.	7000.	524134285.714	22893.979	**	**	**	**

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Annual Analysis for 1982 - Station SARA0025

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	12/12/72-09/18/86	8	4.203	4.281	4.869	3.845	0.127	0.357	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			19105.511								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	12/12/72-09/18/86	8	1500.	1400.	2600.	300.	508571.429	713.142	**	**	**	**
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	12/12/72-09/18/86	8	3.175	3.076	3.415	2.477	0.087	0.294	**	**	**	**
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1192.514								
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/26/77-11/12/86	10	0.03	0.037	0.1	0.01	0.001	0.029	0.01	0.018	0.055	0.097

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Annual Analysis for 1983 - Station SARA0025

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/73-11/12/86	8	19.	17.375	26.	3.5	60.339	7.768	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/12/72-11/12/86	8	20.75	19.063	29.	1.	75.603	8.695	**	**	**	**
00032	CLOUD COVER (PERCENT)	12/12/72-11/12/86	8	25.	36.25	100.	0.	1769.643	42.067	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/26/77-11/12/86	8	2.5	3.863	11.	1.7	10.128	3.183	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/26/77-11/12/86	8	103.5	103.125	118.	84.	151.554	12.311	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	12/12/72-11/12/86	8	7.9	8.688	12.3	6.6	4.236	2.058	**	**	**	**
00400	PH (STANDARD UNITS)	12/12/72-11/12/86	8	7.025	7.013	7.2	6.85	0.013	0.113	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/12/72-11/12/86	8	7.024	7.	7.2	6.85	0.013	0.113	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/12/72-11/12/86	8	0.095	0.1	0.141	0.063	0.001	0.025	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/27/78-12/02/85	8	19.	19.5	23.	18.	2.571	1.604	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/26/77-11/12/86	8	6.	8.375	21.	2.	41.696	6.457	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/27/78-11/12/86	7	3.	4.	8.	2.	5.	2.236	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/26/77-11/12/86	8	0.175	0.182	0.31	0.09	0.006	0.079	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/26/77-11/12/86	8	0.445	0.425	0.53	0.3	0.008	0.088	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/26/77-11/12/86	8	0.011	0.012	0.024	0.002	0.	0.007	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	12/12/72-09/18/86	8	19500.	25750.	90000.	2000.	808785714.286	28439.158	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	12/12/72-09/18/86	8	4.286	4.171	4.954	3.301	0.28	0.529	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			14841.044								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	12/12/72-09/18/86	8	975.	1387.5	4000.	310.	1473850.	1214.022	**	**	**	**
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	12/12/72-09/18/86	8	2.963	3.007	3.602	2.491	0.134	0.366	**	**	**	**
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1017.26								
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/26/77-11/12/86	8	0.03	0.028	0.04	0.01	0.	0.009	**	**	**	**

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Annual Analysis for 1984 - Station SARA0025

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/73-11/12/86	10	13.75	14.55	26.	3.5	64.914	8.057	3.6	6.75	22.375	25.75
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/12/72-11/12/86	10	15.	18.	31.	10.5	65.278	8.079	10.5	10.875	25.75	31.
00032	CLOUD COVER (PERCENT)	12/12/72-11/12/86	10	65.	63.5	100.	10.	1389.167	37.272	10.	28.75	100.	100.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/26/77-11/12/86	10	2.35	3.73	15.	1.8	16.069	4.009	1.82	2.	3.425	13.88
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/26/77-11/12/86	10	94.	88.3	102.	66.	187.567	13.695	66.1	73.	97.5	102.
00300	OXYGEN, DISSOLVED MG/L	12/12/72-11/12/86	10	8.8	9.6	13.4	6.1	6.682	2.585	6.19	7.45	12.525	13.32
00400	PH (STANDARD UNITS)	12/12/72-11/12/86	10	7.375	7.425	7.9	6.95	0.123	0.351	6.95	7.1	7.8	7.89
00400	CONVERTED PH (STANDARD UNITS)	12/12/72-11/12/86	10	7.374	7.304	7.9	6.95	0.139	0.373	6.95	7.1	7.8	7.89
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/12/72-11/12/86	10	0.042	0.05	0.112	0.013	0.001	0.038	0.013	0.016	0.081	0.112
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/27/78-12/02/85	10	18.	19.7	39.	14.	54.456	7.379	14.	14.75	20.75	37.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/26/77-11/12/86	10	8.5	9.3	22.	3.	25.567	5.056	3.3	6.	10.25	20.9
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/27/78-11/12/86	10	4.5	4.7	11.	1.	9.567	3.093	1.	2.5	6.5	10.7
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/26/77-11/12/86	10	0.11	0.135	0.22	0.063	0.004	0.061	0.064	0.085	0.198	0.22
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/26/77-11/12/86	10	0.265	0.266	0.43	0.1	0.007	0.082	0.112	0.235	0.3	0.417
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/26/77-11/12/86	10	0.005	0.006	0.019	0.002	0.	0.005	0.002	0.002	0.008	0.018

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Annual Analysis for 1984 - Station SARA0025

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	12/12/72-09/18/86	8	14500.	19400.	49000.	2400.	303017142.857	17407.388	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	12/12/72-09/18/86	8	4.148	4.085	4.69	3.38	0.242	0.492	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			12150.323								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	12/12/72-09/18/86	10	830.	955.	2400.	150.	494383.333	703.124	165.	405.	1450.	2320.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	12/12/72-09/18/86	10	2.895	2.856	3.38	2.176	0.137	0.371	2.206	2.602	3.161	3.363
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			717.31								
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/26/77-11/12/86	10	0.02	0.018	0.03	0.008	0.	0.008	0.008	0.01	0.023	0.03

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Annual Analysis for 1985 - Station SARA0025

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/73-11/12/86	8	14.25	14.125	26.	2.5	81.339	9.019	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/12/72-11/12/86	8	14.75	16.938	31.	4.	92.603	9.623	**	**	**	**
00032	CLOUD COVER (PERCENT)	12/12/72-11/12/86	8	60.	55.	100.	5.	1785.714	42.258	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/26/77-11/12/86	8	2.1	3.163	12.	0.5	13.746	3.707	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/26/77-11/12/86	8	97.5	103.875	139.	69.	488.125	22.094	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	12/12/72-11/12/86	8	9.1	9.188	12.4	6.6	3.498	1.87	**	**	**	**
00400	PH (STANDARD UNITS)	12/12/72-11/12/86	8	7.125	7.169	7.8	6.9	0.085	0.291	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/12/72-11/12/86	8	7.124	7.103	7.8	6.9	0.09	0.3	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/12/72-11/12/86	8	0.075	0.079	0.126	0.016	0.001	0.038	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/27/78-12/02/85	8	18.	17.625	24.	12.	13.982	3.739	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/26/77-11/12/86	8	9.5	9.5	15.	4.	14.571	3.817	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/27/78-11/12/86	8	5.5	5.375	8.	2.	2.839	1.685	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/26/77-11/12/86	8	0.265	0.25	0.37	0.006	0.012	0.11	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/26/77-11/12/86	8	0.45	0.441	0.67	0.28	0.016	0.125	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/26/77-11/12/86	7	0.008	0.008	0.017	0.002	0.	0.006	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	12/12/72-09/18/86	6	25500.	29333.333	66000.	10000.	438266666.667	20934.819	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	12/12/72-09/18/86	6	4.392	4.375	4.82	4.	0.098	0.313	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			23721.296								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	12/12/72-09/18/86	6	1600.	4883.333	20000.	500.	57929666.667	7611.154	**	**	**	**
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	12/12/72-09/18/86	6	3.097	3.278	4.301	2.699	0.416	0.645	**	**	**	**
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1898.341								
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/26/77-11/12/86	8	0.025	0.026	0.04	0.01	0.	0.011	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 SARA0025

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/73-11/12/86	16	16.5	15.438	24.	0.	52.663	7.257	4.55	8.25	21.75	24.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/12/72-11/12/86	10	17.	16.9	26.	-3.	94.322	9.712	5.1	9.75	26.	26.
00032	CLOUD COVER (PERCENT)	12/12/72-11/12/86	10	37.5	49.	100.	15.	926.667	30.441	15.5	27.5	82.5	99.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/26/77-11/12/86	10	1.7	2.8	12.	0.4	11.853	3.443	0.44	1.025	2.975	11.27
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/26/77-11/12/86	10	84.	80.4	105.	48.	380.044	19.495	48.2	65.75	98.25	104.4
00300	OXYGEN, DISSOLVED MG/L	12/12/72-11/12/86	10	8.9	9.28	12.8	6.8	4.055	2.014	6.88	7.9	10.25	12.8
00400	PH (STANDARD UNITS)	12/12/72-11/12/86	16	7.02	7.016	7.42	6.5	0.052	0.227	6.71	6.9	7.2	7.336
00400	CONVERTED PH (STANDARD UNITS)	12/12/72-11/12/86	16	7.02	6.958	7.42	6.5	0.055	0.235	6.71	6.9	7.2	7.336
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/12/72-11/12/86	16	0.096	0.11	0.316	0.038	0.004	0.066	0.046	0.063	0.126	0.206
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/26/77-11/12/86	10	7.5	8.3	18.	3.	19.789	4.448	3.1	4.75	10.5	17.4
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/27/78-11/12/86	10	3.5	3.9	8.	2.	3.878	1.969	2.	2.	5.25	7.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/26/77-11/12/86	10	0.094	0.155	0.44	0.068	0.015	0.123	0.069	0.081	0.225	0.426
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/26/77-11/12/86	10	0.26	0.273	0.49	0.05	0.019	0.136	0.058	0.175	0.378	0.484
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/26/77-11/12/86	9	0.003	0.003	0.006	0.002	0.	0.001	0.002	0.003	0.004	0.006

** - Less than 9 observations ## - Computed with 50% or 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 SARA0025

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	12/12/72-09/18/86	5	29000.	50400.	170000.	6000.	4566300000.	67574.403	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	12/12/72-09/18/86	5	4.462	4.436	5.23	3.778	0.277	0.526	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			27271.792								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	12/12/72-09/18/86	5	2000.	2800.	7000.	1400.	5580000.	2362.202	**	**	**	**
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	12/12/72-09/18/86	5	3.301	3.359	3.845	3.146	0.078	0.279	**	**	**	**
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			2288.133								
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/26/77-11/12/86	10	0.025	0.027	0.04	0.02	0.	0.008	0.02	0.02	0.033	0.04

** - 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

Seasonal Analysis for Season #1: 9/20 to 2/29 - Station SARA0025

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/73-11/12/86	30	9.5	9.25	17.5	0.1	27.328	5.228	1.55	4.65	13.75	16.45
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/12/72-11/12/86	31	10.5	8.858	20.5	-13.	50.637	7.116	4.2	7.	14.	16.24
00032	CLOUD COVER (PERCENT)	12/12/72-11/12/86	30	82.5	67.567	100.	3.	1275.84	35.719	10.5	30.	100.	100.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/26/77-11/12/86	19	3.5	5.118	32.	0.4	48.53	6.966	1.7	2.4	4.	12.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/26/77-11/12/86	23	98.	126.217	825.	47.	23560.542	153.494	70.	84.	104.	134.
00300	OXYGEN, DISSOLVED MG/L	12/12/72-11/12/86	29	10.4	10.907	16.2	7.	6.664	2.582	8.	8.6	12.6	15.
00310	BOD, 5 DAY, 20 DEG C MG/L	12/12/72-11/12/86	25	2.3	2.254	3.5	0.5	0.561	0.749	1.	1.825	2.7	3.34
00315	BOD, 7 DAY, 20 DEG C MG/L	05/14/73-08/19/86	13	2.5	2.638	3.6	1.3	0.508	0.712	1.58	2.	3.25	3.6
00335	COD, .025N K2CR2O7 MG/L	05/26/77-04/30/86	14	17.5	17.414	22.	13.	5.271	2.296	13.5	16.	18.55	21.
00400	PH (STANDARD UNITS)	12/12/72-11/12/86	32	7.	6.981	7.8	6.4	0.114	0.338	6.53	6.7	7.188	7.44
00400	CONVERTED PH (STANDARD UNITS)	12/12/72-11/12/86	32	7.	6.872	7.8	6.4	0.126	0.355	6.53	6.7	7.187	7.44
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/12/72-11/12/86	32	0.1	0.134	0.398	0.016	0.009	0.093	0.037	0.065	0.2	0.297
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/27/78-12/02/85	22	17.	21.182	111.	6.	444.251	21.077	8.	13.75	20.	33.9
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/26/77-11/12/86	24	7.5	13.458	101.	2.	411.303	20.281	3.	5.	11.	31.5
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/27/78-11/12/86	23	4.	10.087	100.	2.	428.81	20.708	2.	4.	6.	25.4
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/26/77-11/12/86	19	2.	4.579	21.	0.5	32.23	5.677	0.5	1.	5.	17.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/26/77-11/12/86	24	0.16	0.189	0.53	0.065	0.014	0.12	0.084	0.095	0.218	0.39
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/26/77-11/12/86	16	0.008	0.01	0.021	0.005	0.	0.005	0.005	0.007	0.014	0.02
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/26/77-10/09/86	11	0.84	0.809	1.2	0.56	0.037	0.192	0.564	0.64	0.92	1.146
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/26/77-11/12/86	21	0.32	0.333	0.6	0.05	0.022	0.147	0.12	0.22	0.445	0.546
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/26/77-11/12/86	22	0.006	0.006	0.019	0.001	0.	0.005	0.001	0.003	0.008	0.015
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	12/12/72-09/18/86	28	18000.	52753.571	780000.	0.	22083687023.81	148605.811	1810.	8650.	31250.	75200.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	12/12/72-09/18/86	28	4.255	4.087	5.892	0.	0.963	0.981	3.251	3.935	4.493	4.823
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			12212.565								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	12/12/72-09/18/86	29	1300.	2832.414	30000.	200.	29302304.68	5413.16	700.	900.	2750.	5000.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	12/12/72-09/18/86	29	3.114	3.205	4.477	2.301	0.159	0.399	2.845	2.954	3.439	3.699
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1601.974								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/16/73-12/02/85	25	2.	2.5	7.	0.001	3.562	1.887	0.5	1.	4.	5.4
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/26/77-11/12/86	24	0.02	0.026	0.07	0.006	0.	0.017	0.008	0.011	0.03	0.055

** - 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

Seasonal Analysis for Season #2: 3/01 to 4/30 - Station SARA0025

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/73-11/12/86	22	4.75	5.973	16.	0.	18.755	4.331	1.65	2.5	9.	13.8
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/12/72-11/12/86	21	8.9	8.762	24.	-3.	42.717	6.536	1.4	4.4	12.25	18.6
00032	CLOUD COVER (PERCENT)	12/12/72-11/12/86	21	55.	56.81	100.	0.	1477.662	38.44	5.	15.	97.	100.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/26/77-11/12/86	14	3.9	6.679	17.	1.2	32.946	5.74	1.5	2.15	12.5	16.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/26/77-11/12/86	16	95.	94.188	190.	50.	993.096	31.513	59.1	70.5	101.25	138.9
00300	OXYGEN, DISSOLVED MG/L	12/12/72-11/12/86	20	12.15	11.775	14.	7.8	2.456	1.567	9.4	11.05	12.8	13.74
00310	BOD, 5 DAY, 20 DEG C MG/L	12/12/72-11/12/86	14	2.3	2.35	5.6	0.	1.657	1.287	0.7	1.475	2.825	4.65
00315	BOD, 7 DAY, 20 DEG C MG/L	05/14/73-08/19/86	9	2.8	2.956	4.6	1.6	0.865	0.93	1.6	2.35	3.65	4.6
00335	COD, .025N K2CR2O7 MG/L	05/26/77-04/30/86	12	15.	19.967	84.	8.6	415.359	20.38	9.02	12.25	17.	64.5
00400	PH (STANDARD UNITS)	12/12/72-11/12/86	21	7.1	7.129	7.8	6.5	0.109	0.33	6.7	6.925	7.35	7.724
00400	CONVERTED PH (STANDARD UNITS)	12/12/72-11/12/86	21	7.1	7.019	7.8	6.5	0.122	0.349	6.7	6.925	7.35	7.724
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/12/72-11/12/86	21	0.079	0.096	0.316	0.016	0.005	0.071	0.02	0.045	0.119	0.2
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/27/78-12/02/85	14	12.5	13.643	23.	6.	24.093	4.909	7.5	10.	16.25	23.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/26/77-11/12/86	16	10.5	11.063	25.	2.	44.463	6.668	2.7	6.	14.75	22.9
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/27/78-11/12/86	16	4.5	4.813	11.	1.	7.363	2.713	1.7	3.	6.75	8.9
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/26/77-11/12/86	16	4.	6.313	17.	0.5	31.396	5.603	0.5	2.25	11.	16.3
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/26/77-11/12/86	16	0.15	0.201	0.44	0.083	0.013	0.116	0.088	0.113	0.29	0.405
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/26/77-11/12/86	12	0.007	0.008	0.014	0.005	0.	0.003	0.005	0.007	0.009	0.014
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/26/77-10/09/86	8	0.73	0.775	1.	0.58	0.024	0.153	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/26/77-11/12/86	15	0.43	0.439	0.6	0.28	0.011	0.104	0.292	0.35	0.52	0.594
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/26/77-11/12/86	13	0.004	0.005	0.019	0.001	0.	0.005	0.001	0.002	0.008	0.015
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	12/12/72-09/18/86	18	8950.	71755.611	710001.	0.	28822403584.369	169771.622	0.	3225.	61500.	260000.1

** - 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: 3/01 to 4/30 - Station SARA0025

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	12/12/72-09/18/86	18	3.949	3.771	5.851	0.	2.363	1.537	0.	3.508	4.788	5.375
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			5903.987								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	12/12/72-09/18/86	18	650.	1250.	5400.	220.	1928800.	1388.812	292.	402.5	1625.	3690.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	12/12/72-09/18/86	18	2.812	2.905	3.732	2.342	0.16	0.399	2.464	2.601	3.211	3.563
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			804.153								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/16/73-12/02/85	14	2.	2.857	9.	1.	5.363	2.316	1.	1.	3.5	7.5
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/26/77-11/12/86	16	0.02	0.026	0.06	0.01	0.	0.015	0.01	0.013	0.03	0.053

** - 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

Seasonal Analysis for Season #3: 5/01 to 6/30 - Station SARA0025

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/73-11/12/86	23	19.5	18.235	24.	9.	19.059	4.366	11.	15.	22.5	23.8
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/12/72-11/12/86	22	22.5	21.7	33.3	10.5	41.953	6.477	11.55	17.	26.	32.26
00032	CLOUD COVER (PERCENT)	12/12/72-11/12/86	22	27.5	36.045	100.	0.	1074.998	32.787	0.	10.	55.	92.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/26/77-11/12/86	18	2.8	3.261	6.5	0.5	2.927	1.711	0.77	2.15	4.925	5.69
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/26/77-11/12/86	20	90.	93.7	189.	48.	1149.695	33.907	50.6	72.	107.75	151.7
00300	OXYGEN, DISSOLVED MG/L	12/12/72-11/12/86	22	8.9	8.895	13.4	5.6	2.657	1.63	6.98	7.5	9.7	10.85
00310	BOD, 5 DAY, 20 DEG C MG/L	12/12/72-11/12/86	14	3.35	3.079	5.	0.5	1.382	1.176	0.9	2.425	3.8	4.6
00315	BOD, 7 DAY, 20 DEG C MG/L	05/14/73-08/19/86	12	3.55	3.325	6.	1.9	1.382	1.176	1.93	2.15	3.85	5.49
00335	COD, .025N K2CR2O7 MG/L	05/26/77-04/30/86	12	17.5	16.55	22.	10.	13.97	3.738	10.87	13.	19.525	21.4
00400	PH (STANDARD UNITS)	12/12/72-11/12/86	20	7.025	7.03	7.6	6.5	0.082	0.286	6.7	6.8	7.275	7.485
00400	CONVERTED PH (STANDARD UNITS)	12/12/72-11/12/86	20	7.024	6.947	7.6	6.5	0.089	0.298	6.7	6.8	7.275	7.485
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/12/72-11/12/86	20	0.095	0.113	0.316	0.025	0.005	0.071	0.033	0.053	0.158	0.2
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/27/78-12/02/85	16	14.	14.875	21.	7.	14.383	3.793	9.1	13.	18.75	20.3
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/26/77-11/12/86	20	6.5	7.3	13.	3.	12.642	3.556	4.	4.	10.	12.9
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/27/78-11/12/86	18	4.5	4.583	10.	0.5	7.772	2.788	0.95	2.	7.25	8.2
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/26/77-11/12/86	18	2.	3.278	13.	0.5	9.595	3.098	0.5	1.	4.25	8.5
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/26/77-11/12/86	20	0.125	0.184	0.5	0.072	0.014	0.119	0.078	0.1	0.278	0.367
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/26/77-11/12/86	14	0.011	0.017	0.055	0.005	0.	0.014	0.006	0.008	0.024	0.046
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/26/77-10/09/86	10	0.72	0.696	1.2	0.17	0.103	0.322	0.191	0.395	0.962	1.18
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/26/77-11/12/86	20	0.455	0.455	0.82	0.19	0.028	0.168	0.251	0.303	0.568	0.693
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/26/77-11/12/86	19	0.004	0.019	0.22	0.001	0.002	0.049	0.001	0.002	0.011	0.03
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	12/12/72-09/18/86	22	22500.	936627.273	20000000.	1000.	**********	4257931.566	7280.	11400.	43500.	92500.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	12/12/72-09/18/86	22	4.352	4.431	7.301	3.	0.595	0.771	3.86	4.055	4.638	4.963
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			27006.078								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	12/12/72-09/18/86	22	900.	1675.455	9000.	100.	4379102.165	2092.63	316.	492.5	1925.	5100.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	12/12/72-09/18/86	22	2.943	2.992	3.954	2.	0.206	0.454	2.5	2.692	3.284	3.7
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			982.193								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/16/73-12/02/85	14	2.	3.429	14.	1.	10.879	3.298	1.5	2.	4.	10.
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/26/77-11/12/86	20	0.03	0.046	0.3	0.01	0.004	0.063	0.02	0.02	0.04	0.096

** - Less than 9 observations ## - Computed 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 #4: 7/01 to 9/19 - Station SARA0025

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/73-11/12/86	31	24.	23.258	27.	17.	6.067	2.463	20.	21.5	25.5	26.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/12/72-11/12/86	29	25.	24.859	32.	15.	19.69	4.437	18.	22.75	27.5	31.
00032	CLOUD COVER (PERCENT)	12/12/72-11/12/86	28	35.	43.857	100.	0.	1122.72	33.507	5.	15.	77.25	99.1
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/26/77-11/12/86	21	2.2	2.448	6.3	0.6	1.778	1.333	0.78	1.6	3.25	4.2
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/26/77-11/12/86	25	102.	102.12	152.	70.	325.527	18.042	79.2	91.5	110.	128.2
00300	OXYGEN, DISSOLVED MG/L	12/12/72-11/12/86	29	7.	7.062	8.8	6.	0.366	0.605	6.4	6.6	7.45	7.9
00310	BOD, 5 DAY, 20 DEG C MG/L	12/12/72-11/12/86	23	2.5	2.752	5.1	1.3	0.983	0.991	1.56	2.	3.4	4.22

** - 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 #4: 7/01 to 9/19 - Station SARA0025

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00315	BOD, 7 DAY, 20 DEG C MG/L	05/14/73-08/19/86	13	3.2	3.246	5.4	1.6	1.293	1.137	1.68	2.3	4.	5.16
00335	COD, .025N K2CR2O7 MG/L	05/26/77-04/30/86	14	19.	22.514	51.	16.	101.703	10.085	16.5	17.75	20.5	45.5
00400	PH (STANDARD UNITS)	12/12/72-11/12/86	30	7.1	7.133	7.9	6.7	0.088	0.297	6.72	6.938	7.3	7.635
00400	CONVERTED PH (STANDARD UNITS)	12/12/72-11/12/86	30	7.1	7.052	7.9	6.7	0.095	0.308	6.72	6.938	7.3	7.635
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/12/72-11/12/86	30	0.079	0.089	0.2	0.013	0.003	0.05	0.023	0.05	0.116	0.192
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/27/78-12/02/85	21	17.	17.143	24.	12.	9.529	3.087	12.4	15.	19.	22.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/26/77-11/12/86	25	6.	6.36	15.	2.	8.657	2.942	2.6	4.	8.	10.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/27/78-11/12/86	24	4.	4.167	8.	1.	4.058	2.014	2.	2.25	6.	7.5
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/26/77-11/12/86	23	2.	2.63	9.	0.5	4.391	2.096	0.5	1.	4.	5.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/26/77-11/12/86	24	0.14	0.149	0.45	0.006	0.009	0.092	0.066	0.074	0.198	0.25
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/26/77-11/12/86	21	0.017	0.021	0.075	0.005	0.	0.015	0.007	0.011	0.027	0.037
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/26/77-10/09/86	11	0.8	0.881	1.4	0.5	0.073	0.271	0.534	0.7	1.	1.38
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/26/77-11/12/86	25	0.33	0.371	0.67	0.13	0.019	0.138	0.188	0.27	0.495	0.554
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/26/77-11/12/86	24	0.006	0.007	0.024	0.002	0.	0.006	0.002	0.003	0.009	0.019
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	12/12/72-09/18/86	28	37500.	85892.929	710001.	300.29860393	148.217	172801.601	5170.	17000.	59750.	219000.1
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	12/12/72-09/18/86	28	4.574	4.49	5.851	2.477	0.431	0.656	3.712	4.23	4.776	5.289
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			30868.43								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	12/12/72-09/18/86	30	1850.	2620.333	20000.	50.	13591044.713	3686.603	163.	575.	3025.	5090.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	12/12/72-09/18/86	30	3.267	3.119	4.301	1.699	0.334	0.578	2.212	2.758	3.474	3.706
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1315.443								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/16/73-12/02/85	21	2.	2.429	8.	0.5	3.632	1.906	0.6	1.	3.5	5.
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/26/77-11/12/86	25	0.03	0.028	0.05	0.01	0.	0.01	0.01	0.02	0.035	0.04

** - 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

Station Inventory for Station: SARA0026

NPS Station ID: SARA0026
LAT/LON: 43.126670/ -73.587782
Agency: 111TSILL
Date Created: 04/18/78
Location: THOMSON
FIPS State/County: 36115 NEW YORK/WASHINGTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 80
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02020003
Depth of Water: 3276
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: UPPER HUDSON RIVER
ECO Region:
RF1 Index: 02020003056
RF1 Mile Point: 1.720
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02020003003305.91
RF3 Mile Point: 7.13
Distance from RF3: 0.05
On/Off RF3:
Description:
MIDCHANNEL;NON TIDAL/HUDSON R NR US HWY 4,THOMSON,NY
OTS STUDY BY INST FOR ENVIRONMENTAL STUDIES,U OF ILL

Parameter Inventory for Station: SARA0026

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32106	CHLOROFORM,WHOLE WATER,UG/L	02/26/76-02/26/76	1	2.	2.	2.	2.	0.	0.	**	**	**	**
39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	02/26/76-02/26/76	1	1.	1.	1.	1.	0.	0.	**	**	**	**
81422	C15 ALCOHOL WHL WATER SMPL UG/L	02/26/76-02/26/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
81423	C16 ALCOHOL WHL WATER SMPL UG/L	02/26/76-02/26/76	1	3.	3.	3.	3.	0.	0.	**	**	**	**
81424	C17 ALCOHOL WHL WATER SMPL UG/L	02/26/76-02/26/76	1	1.	1.	1.	1.	0.	0.	**	**	**	**
81425	C18 ALCOHOL WHL WATER SMPL UG/L	02/26/76-02/26/76	1	1.	1.	1.	1.	0.	0.	**	**	**	**
81426	C19 ALCOHOL WHL WATER SMPL UG/L	02/26/76-02/26/76	1	1.	1.	1.	1.	0.	0.	**	**	**	**
81427	C20 ALCOHOL WHL WATER SMPL UG/L	02/26/76-02/26/76	1	1.	1.	1.	1.	0.	0.	**	**	**	**
81428	C21 ALCOHOL WHL WATER SMPL UG/L	02/26/76-02/26/76	1	1.	1.	1.	1.	0.	0.	**	**	**	**
81429	C22 ALCOHOL WHL WATER SMPL UG/L	02/26/76-02/26/76	1	1.	1.	1.	1.	0.	0.	**	**	**	**
81491	METHYL PALMITATE WHL WATER SMPL UG/L	02/26/76-02/26/76	1	5.	5.	5.	5.	0.	0.	**	**	**	**
81494	METHYL STEARATE WHL WATER SMPL UG/L	02/26/76-02/26/76	1	3.	3.	3.	3.	0.	0.	**	**	**	**
81504	TERPINEOL C=10 WHL WATER SMPL UG/L	02/26/76-02/26/76	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: SARA0026

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/20-2/29 Obs	9/20-2/29 Exceed	9/20-2/29 Prop.	3/01-4/30 Obs	3/01-4/30 Exceed	3/01-4/30 Prop.	5/01-6/30 Obs	5/01-6/30 Exceed	5/01-6/30 Prop.	7/01-9/19 Obs	7/01-9/19 Exceed	7/01-9/19 Prop.
32106	CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	Fresh Acute	2000.	1	0	0.00	1	0	0.00									
		Drinking Water	6.	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 Inventory for Station: SARA0027

NPS Station ID: SARA0027
LAT/LON: 43.126670/ -73.587782
Agency: 21NYDEC1
Date Created: 06/11/76
Location: HUDSON RIVER
FIPS State/County: 36115 NEW YORK/WASHINGTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 11 0015 /01328770USGS
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02020003
Depth of Water: 0
Aquifer:
Major Basin: UPPER HUDSON RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: NYS MILE PT.- 181.4
ECO Region:
RF1 Index: 02020003056
RF1 Mile Point: 1.720
Distance from RF1: 0.60
On/Off RF1: ON
RF3 Index: 02020003005700.00
RF3 Mile Point: 4.03
Distance from RF3: 0.10
On/Off RF3:
Description:
LOCATION... FROM ROUTE 4 BRIDGE
DATE ACTIVATED..... 12-11-72
DATE DEACTIVATED..... 6-75
STREAM NAME..... HUDSON RIVER
STREAM INDEX..... H
STREAM CLASSIFICATION..... C
TOPO MAP NAME.. FORT MILLER
TOPO MAP NO... I-26-2
MILE POINT..... 181.4
GAZETTEER NO. 5757

Parameter Inventory for Station: SARA0027

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/73-11/12/86	100	15.6	14.498	27.	0.	67.461	8.213	2.5	7.125	22.375	24.98
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/12/72-11/12/86	103	16.3	16.086	33.3	-13.	92.912	9.639	5.4	-5.	24.	28.
00032	CLOUD COVER (PERCENT)	12/12/72-11/12/86	101	50.	51.891	100.	0.	1346.518	36.695	5.	20.	90.	100.
00061	FLOW, STREAM, INSTANTANEOUS CFS	12/12/72-09/05/73	10	7480.	6897.	12011.	2739.	8142305.778	2853.473	2829.1	4210.	8732.5	11713.9
00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/12/72-05/13/74	16	5.6	8.075	23.	3.	27.146	5.21	3.77	5.225	11.075	16.7
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/26/77-11/12/86	82	2.55	4.042	32.	0.4	20.212	4.496	1.23	1.8	4.025	8.2
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	12/12/72-04/02/74	15	32.	30.8	42.	23.	33.743	5.809	23.	26.	35.	40.8
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/26/77-11/12/86	83	96.	105.289	825.	47.	7046.525	83.944	67.8	83.	106.	122.
00300	OXYGEN, DISSOLVED MG/L	12/12/72-11/12/86	100	9.	9.523	16.2	5.6	6.47	2.544	6.62	7.325	11.4	13.2
00303	BOD, 1DAY, 20 DEG C MG/L	05/26/77-11/04/81	37	0.7	0.811	2.	0.05	0.294	0.542	0.18	0.5	1.25	1.74
00305	BOD, 3 DAY, 20 DEG C MG/L	06/27/78-09/11/80	19	2.	1.926	3.1	0.4	0.659	0.812	0.7	1.1	2.8	3.
00310	BOD, 5 DAY, 20 DEG C MG/L	12/12/72-11/12/86	75	2.5	2.578	5.6	0.	1.109	1.053	1.36	2.	3.3	3.88
00315	BOD, 7 DAY, 20 DEG C MG/L	05/14/73-08/19/86	51	2.8	2.804	6.	0.	1.631	1.277	1.36	2.	3.6	4.26
00335	COD, .025N K2CR2O7 MG/L	05/26/77-04/30/86	51	17.	19.192	84.	8.6	128.048	11.316	12.92	15.	19.	22.
00340	COD, .25N K2CR2O7 MG/L	06/27/78-08/18/83	26	15.5	15.154	52.	0.	211.655	14.548	0.	2.	20.25	43.2
00400	PH (STANDARD UNITS)	12/12/72-11/12/86	97	7.	7.071	7.9	6.4	0.102	0.32	6.7	6.9	7.3	7.5
00400	CONVERTED PH (STANDARD UNITS)	12/12/72-11/12/86	97	7.	6.968	7.9	6.4	0.113	0.336	6.7	6.9	7.3	7.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/12/72-11/12/86	97	0.1	0.108	0.398	0.013	0.005	0.074	0.032	0.05	0.126	0.2
00403	PH, LAB, STANDARD UNITS SU	07/21/83-07/21/83	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/21/83-07/21/83	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/21/83-07/21/83	1	0.126	0.126	0.126	0.126	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/27/78-12/02/85	71	16.	17.31	111.	6.	151.531	12.31	10.	13.	19.	21.8
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	05/26/77-05/26/77	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00436	ACIDITY, MINERAL (METHYL ORANGE) (MG/L AS CACO3)	07/26/78-07/26/78	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	09/17/74-09/17/74	1	48.	48.	48.	48.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/26/77-11/12/86	84	7.	9.524	101.	2.	136.301	11.675	3.	4.25	10.	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

Parameter Inventory for Station: SARA0027

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/27/78-11/12/86	81	4.	6.012	100.	0.5	129.031	11.359	2.	2.	6.	8.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/26/77-11/12/86	83	2.	3.747	21.	0.5	18.728	4.328	0.5	1.	4.	11.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/26/77-11/12/86	83	0.15	0.179	0.53	0.006	0.013	0.112	0.074	0.095	0.22	0.362
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/26/77-11/12/86	71	0.009	0.013	0.075	0.	0.	0.012	0.003	0.007	0.017	0.028
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/05/73-09/05/73	1	1.17	1.17	1.17	1.17	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/26/77-10/09/86	39	0.8	0.798	1.4	0.17	0.062	0.249	0.5	0.64	0.94	1.2
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/26/77-11/12/86	80	0.4	0.396	0.82	0.05	0.022	0.15	0.211	0.285	0.5	0.59
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/26/77-11/12/86	79	0.004	0.009	0.22	0.001	0.001	0.025	0.002	0.002	0.008	0.017
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/13/74-11/12/86	15	34.	64.267	300.	16.	7810.924	88.379	18.4	27.	40.	276.
00940	CHLORIDE,TOTAL IN WATER MG/L	05/26/77-12/02/85	74	6.	5.966	14.	2.5	4.317	2.078	4.	5.	7.	8.
01002	ARSENIC, TOTAL (UG/L AS AS)	07/15/81-09/10/81	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	07/15/81-09/10/81	2 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/15/81-09/10/81	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/15/81-09/10/81	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/15/81-09/10/81	2 ##	12.5	12.5	20.	5.	112.5	10.607	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	07/15/81-09/10/81	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	07/15/81-05/24/83	3 ##	0.01	0.007	0.01	0.	0.	0.006	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	07/15/81-09/10/81	2 ##	0.038	0.038	0.05	0.025	0.	0.018	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	12/12/72-09/18/86	96	19000.	268536.49	20000000.	0.	**********	2040063.127	2820.	9100.	44500.	118000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	12/12/72-09/18/86	96	4.279	4.224	7.301	0.	1.026	1.013	3.448	3.959	4.648	5.061
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			16751.747								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	06/16/77-09/18/86	73	1200.	1827.671	20000.	50.	6715648.668	2591.457	252.	515.	2000.	4000.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	06/16/77-09/18/86	73	3.079	3.028	4.301	1.699	0.215	0.463	2.396	2.712	3.301	3.602
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1067.656								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/12/72-04/07/75	26	1650.	3334.231	30000.	220.	34058305.385	5835.949	314.	680.	3575.	7110.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/12/72-04/07/75	26	3.207	3.214	4.477	2.342	0.25	0.5	2.497	2.832	3.553	3.846
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1635.673								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	12/12/72-04/02/74	16	275.	284.25	910.	8.	57118.867	238.996	23.4	71.	435.	623.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	12/12/72-04/02/74	16	2.439	2.228	2.959	0.903	0.306	0.554	1.305	1.85	2.638	2.777
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			168.972								
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	12/12/72-04/02/74	16	14500.	28550.	130000.	4200.	1083944000.	32923.305	5460.	10250.	29750.	85900.
31751	LOG PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	12/12/72-04/02/74	16	4.161	4.266	5.114	3.623	0.157	0.396	3.732	4.01	4.473	4.912
31751	GM PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	GEOMETRIC MEAN =			18444.939								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/16/73-12/02/85	80	2.	2.531	14.	0.001	5.224	2.286	0.5	1.	3.75	5.
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/26/77-11/12/86	84	0.03	0.031	0.3	0.006	0.001	0.034	0.01	0.02	0.03	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 time series plot

EPA Water Quality Criteria Analysis for Station: SARA0027

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/20-2/29 Obs	9/20-2/29 Exceed	9/20-2/29 Prop.	3/01-4/30 Obs	3/01-4/30 Exceed	3/01-4/30 Prop.	5/01-6/30 Obs	5/01-6/30 Exceed	5/01-6/30 Prop.	7/01-9/19 Obs	7/01-9/19 Exceed	7/01-9/19 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	16	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00	3	0	0.00
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	82	0	0.00	22	0	0.00	16	0	0.00	20	0	0.00	24	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	100	0	0.00	29	0	0.00	20	0	0.00	22	0	0.00	29	0	0.00
00400	PH	Other-Hi Lim.	9.	97	0	0.00	30	0	0.00	20	0	0.00	19	0	0.00	28	0	0.00
		Other-Lo Lim.	6.5	97	4	0.04	30	2	0.07	20	1	0.05	19	1	0.05	28	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	71	0	0.00	18	0	0.00	14	0	0.00	17	0	0.00	22	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00										1	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	80	0	0.00	20	0	0.00	15	0	0.00	20	0	0.00	25	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	74	0	0.00	21	0	0.00	13	0	0.00	18	0	0.00	22	0	0.00
		Drinking Water	250.	74	0	0.00	21	0	0.00	13	0	0.00	18	0	0.00	22	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	2	0	0.00										2	0	0.00
		Drinking Water	50.	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.	2	0	0.00										2	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	2	0	0.00										2	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	2	0	0.00										2	0	0.00
		Drinking Water	1300.	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

EPA Water Quality Criteria Analysis for Station: SARA0027

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/20-2/29 Obs	9/20-2/29 Exceed	9/20-2/29 Prop.	3/01-4/30 Obs	3/01-4/30 Exceed	3/01-4/30 Prop.	5/01-6/30 Obs	5/01-6/30 Exceed	5/01-6/30 Prop.	7/01-9/19 Obs	7/01-9/19 Exceed	7/01-9/19 Prop.
01051	LEAD, TOTAL	Fresh Acute	82.	2	0	0.00										2	0	0.00
		Drinking Water	15.	2	1	0.50										2	1	0.50
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
01077	SILVER, TOTAL	Fresh Acute	4.1	3	0	0.00							1	0	0.00	2	0	0.00
		Drinking Water	100.	3	0	0.00							1	0	0.00	2	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
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	96	92	0.96	28	27	0.96	18	16	0.89	22	22	1.00	28	27	0.96
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	73	68	0.93	19	19	1.00	11	11	1.00	18	17	0.94	25	21	0.84
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	26	26	1.00	10	10	1.00	7	7	1.00	4	4	1.00	5	5	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 1972 - Station SARA0027

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/12/72-11/12/86	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00032	CLOUD COVER (PERCENT)	12/12/72-11/12/86	1	95.	95.	95.	95.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	12/12/72-11/12/86	1	14.6	14.6	14.6	14.6	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	12/12/72-11/12/86	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/12/72-11/12/86	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/12/72-11/12/86	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	12/12/72-09/18/86	1	6000.	6000.	6000.	6000.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	12/12/72-09/18/86	1	3.778	3.778	3.778	3.778	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			6000.								

** - Less than 9 observations ## - Computed with 50% or 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 SARA0027

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/73-11/12/86	12	12.7	13.717	27.	1.	101.458	10.073	1.3	2.675	25.125	27.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/12/72-11/12/86	12	15.5	17.858	32.8	3.5	109.603	10.469	4.55	7.425	27.75	32.56
00032	CLOUD COVER (PERCENT)	12/12/72-11/12/86	11	80.	62.909	99.	10.	1244.491	35.277	10.	30.	99.	99.
00300	OXYGEN, DISSOLVED MG/L	12/12/72-11/12/86	11	10.5	10.518	15.	6.	10.746	3.278	6.2	7.2	13.8	14.92
00400	PH (STANDARD UNITS)	12/12/72-11/12/86	9	6.8	6.856	7.3	6.7	0.043	0.207	6.7	6.7	7.	7.3
00400	CONVERTED PH (STANDARD UNITS)	12/12/72-11/12/86	9	6.8	6.819	7.3	6.7	0.044	0.21	6.7	6.7	7.	7.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/12/72-11/12/86	9	0.158	0.152	0.2	0.05	0.003	0.056	0.05	0.1	0.2	0.2
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	12/12/72-09/18/86	10	29500.	53860.	230000.	7000.	4731733777.778	68787.599	7120.	9100.	70000.	217000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	12/12/72-09/18/86	10	4.467	4.455	5.362	3.845	0.268	0.518	3.852	3.958	4.834	5.326
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			28482.42								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/16/73-12/02/85	10	2.5	3.45	14.	0.5	16.969	4.119	0.5	0.5	4.25	13.1

** - 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 1974 - Station SARA0027

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/73-11/12/86	8	12.1	13.113	24.8	2.5	83.216	9.122	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/12/72-11/12/86	9	10.8	14.267	33.3	-5.4	152.655	12.355	4.3	8.35	26.2	33.3
00032	CLOUD COVER (PERCENT)	12/12/72-11/12/86	9	80.	62.778	95.	15.	1063.194	32.607	15.	25.	90.	95.
00300	OXYGEN, DISSOLVED MG/L	12/12/72-11/12/86	9	10.4	10.289	15.2	6.8	10.211	3.195	6.8	7.1	13.	15.2
00400	PH (STANDARD UNITS)	12/12/72-11/12/86	7	7.	6.886	7.1	6.7	0.031	0.177	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/12/72-11/12/86	7	7.	6.855	7.1	6.7	0.033	0.18	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/12/72-11/12/86	7	0.1	0.14	0.2	0.079	0.003	0.056	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	12/12/72-09/18/86	9	210000.	2508000.333	20000000.	14000.	**********	6566104.468	14000.	54000.	710001.	20000000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	12/12/72-09/18/86	9	5.322	5.432	7.301	4.146	0.857	0.926	4.146	4.697	5.851	7.301
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			270474.368								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/16/73-12/02/85	12	3.5	3.583	9.	1.	4.811	2.193	1.	2.	4.75	7.8

** - 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 1975 - Station SARA0027

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	12/12/72-09/18/86	4	0.	195000.	780000.	0.	152100000000.	390000.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	12/12/72-09/18/86	4	0.	1.473	5.892	0.	8.679	2.946	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			29.718								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/16/73-12/02/85	4	5.5	5.25	7.	3.	2.917	1.708	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 SARA0027

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/73-11/12/86	1	20.5	20.5	20.5	20.5	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/12/72-11/12/86	1	17.2	17.2	17.2	17.2	0.	0.	**	**	**	**
00032	CLOUD COVER (PERCENT)	12/12/72-11/12/86	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/26/77-11/12/86	2	3.5	3.5	4.	3.	0.5	0.707	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/26/77-11/12/86	2	108.	108.	122.	94.	392.	19.799	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	12/12/72-11/12/86	1	8.8	8.8	8.8	8.8	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	12/12/72-11/12/86	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/12/72-11/12/86	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/12/72-11/12/86	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/26/77-11/12/86	2	4.	4.	4.	4.	0.	0.	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/26/77-11/12/86	2	1.	1.	1.	1.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/26/77-11/12/86	2	0.42	0.42	0.5	0.34	0.013	0.113	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/26/77-11/12/86	2	0.039	0.039	0.055	0.022	0.001	0.023	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/26/77-11/12/86	2	0.76	0.76	0.82	0.7	0.007	0.085	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/26/77-11/12/86	2	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/26/77-12/02/85	2	4.5	4.5	5.	4.	0.5	0.707	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	12/12/72-09/18/86	2	38500.	38500.	43000.	34000.	40500000.	6363.961	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	12/12/72-09/18/86	2	4.582	4.582	4.633	4.531	0.005	0.072	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			38236.109								
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/26/77-11/12/86	2	0.055	0.055	0.06	0.05	0.	0.007	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 SARA0027

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/73-11/12/86	6	19.5	16.667	25.	3.5	71.067	8.43	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/12/72-11/12/86	6	19.25	18.75	26.	9.	50.975	7.14	**	**	**	**
00032	CLOUD COVER (PERCENT)	12/12/72-11/12/86	5	30.	48.	90.	20.	1170.	34.205	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/26/77-11/12/86	6	4.2	4.625	7.5	3.1	2.33	1.526	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/26/77-11/12/86	6	96.	96.833	150.	47.	1141.367	33.784	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	12/12/72-11/12/86	6	6.9	8.2	12.6	6.4	6.224	2.495	**	**	**	**
00400	PH (STANDARD UNITS)	12/12/72-11/12/86	6	6.75	6.783	7.	6.5	0.038	0.194	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/12/72-11/12/86	6	6.747	6.747	7.	6.5	0.039	0.198	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/12/72-11/12/86	6	0.179	0.179	0.316	0.1	0.007	0.081	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/27/78-12/02/85	5	18.	16.6	21.	8.	26.8	5.177	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/26/77-11/12/86	6	7.	22.167	101.	5.	1492.967	38.639	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/27/78-11/12/86	6	4.5	19.833	100.	2.	1544.967	39.306	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/26/77-11/12/86	6	2.5	2.417	5.	0.5	2.642	1.625	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/26/77-11/12/86	5	0.43	0.393	0.53	0.185	0.017	0.13	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/26/77-11/12/86	5	0.022	0.021	0.028	0.008	0.	0.008	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/26/77-11/12/86	6	0.515	0.458	0.57	0.2	0.02	0.14	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/26/77-11/12/86	5	0.002	0.003	0.007	0.001	0.	0.003	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/26/77-12/02/85	6	6.5	5.75	8.	2.5	4.375	2.092	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	12/12/72-09/18/86	6	18500.	19783.333	35000.	5300.	149873666.667	12242.29	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	12/12/72-09/18/86	6	4.267	4.208	4.544	3.724	0.106	0.326	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			16126.021								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/16/73-12/02/85	3 ##	1.	1.	2.	0.001	0.999	1.	**	**	**	**
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/26/77-11/12/86	6	0.02	0.019	0.03	0.01	0.	0.007	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 SARA0027

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/73-11/12/86	9	11.	10.789	22.	0.1	67.614	8.223	0.1	2.75	19.5	22.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/12/72-11/12/86	10	5.25	9.75	24.5	-13.	159.347	12.623	6.	6.	24.125	-9.25
00032	CLOUD COVER (PERCENT)	12/12/72-11/12/86	10	37.5	52.2	99.	10.	1597.733	39.972	10.	17.5	99.	99.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/26/77-11/12/86	10	5.95	9.67	32.	3.2	83.073	9.114	3.23	3.575	14.75	30.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/26/77-11/12/86	12	93.	163.25	825.	49.	45219.477	212.649	53.2	71.25	154.25	634.5
00300	OXYGEN, DISSOLVED MG/L	12/12/72-11/12/86	9	11.	10.733	16.2	6.8	8.89	2.982	6.8	8.2	12.8	16.2
00400	PH (STANDARD UNITS)	12/12/72-11/12/86	10	6.85	6.89	7.5	6.5	0.105	0.325	6.5	6.65	7.125	7.47
00400	CONVERTED PH (STANDARD UNITS)	12/12/72-11/12/86	10	6.825	6.794	7.5	6.5	0.116	0.34	6.5	6.65	7.125	7.47
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/12/72-11/12/86	10	0.15	0.161	0.316	0.032	0.01	0.102	0.035	0.075	0.229	0.316
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/27/78-12/02/85	12	14.5	13.833	22.	7.	17.606	4.196	7.3	10.	16.	20.5
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/26/77-11/12/86	12	9.	12.917	35.	3.	116.629	10.799	3.	4.5	22.25	32.9
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/27/78-11/12/86	12	4.	6.958	35.	0.5	82.93	9.107	0.95	3.	7.	26.9
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/26/77-11/12/86	12	2.	6.167	21.	0.5	54.424	7.377	0.5	0.5	12.5	19.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/26/77-11/12/86	12	0.19	0.194	0.35	0.094	0.004	0.064	0.111	0.153	0.218	0.32
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/26/77-11/12/86	9	0.4	0.401	0.61	0.2	0.016	0.125	0.2	0.3	0.5	0.61
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/26/77-11/12/86	9	0.004	0.03	0.22	0.001	0.005	0.072	0.001	0.002	0.015	0.22
00940	CHLORIDE,TOTAL IN WATER MG/L	05/26/77-12/02/85	12	5.	6.5	14.	3.	13.182	3.631	3.	4.	7.75	13.7
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	12/12/72-09/18/86	11	17000.	23900.	61000.	1000.	437930000.	20926.777	1180.	9000.	45000.	60000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	12/12/72-09/18/86	11	4.23	4.145	4.785	3.	0.324	0.569	3.056	3.954	4.653	4.778
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			13949.933								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/16/73-12/02/85	7 ##	1.	1.714	3.	1.	0.905	0.951	**	**	**	**
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/26/77-11/12/86	12	0.035	0.055	0.3	0.007	0.006	0.079	0.008	0.023	0.05	0.228

** - Less than 9 observations ## - Computed with 50% or 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 SARA0027

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/73-11/12/86	8	18.5	16.838	25.5	2.5	63.183	7.949	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/12/72-11/12/86	8	18.	18.25	32.	4.5	80.286	8.96	**	**	**	**
00032	CLOUD COVER (PERCENT)	12/12/72-11/12/86	8	45.	51.125	99.	5.	1055.839	32.494	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/26/77-11/12/86	8	2.1	2.038	3.6	0.7	0.8	0.894	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/26/77-11/12/86	8	98.	105.875	189.	75.	1243.839	35.268	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	12/12/72-11/12/86	7	7.5	8.2	11.3	6.6	2.577	1.605	**	**	**	**
00400	PH (STANDARD UNITS)	12/12/72-11/12/86	7	7.3	7.243	7.4	6.9	0.033	0.181	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/12/72-11/12/86	7	7.3	7.206	7.4	6.9	0.034	0.186	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/12/72-11/12/86	7	0.05	0.062	0.126	0.04	0.001	0.031	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/27/78-12/02/85	8	13.	13.5	18.	11.	4.286	2.07	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/26/77-11/12/86	8	7.5	8.	15.	3.	14.286	3.78	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/27/78-11/12/86	7	8.	6.571	11.	2.	12.619	3.552	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/26/77-11/12/86	7	2.	2.	4.	0.5	2.25	1.5	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/26/77-11/12/86	8	0.108	0.136	0.39	0.068	0.011	0.106	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/26/77-11/12/86	8	0.009	0.01	0.015	0.007	0.	0.003	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/26/77-11/12/86	7	0.5	0.44	0.59	0.3	0.018	0.134	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/26/77-11/12/86	8	0.003	0.003	0.007	0.001	0.	0.002	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/26/77-12/02/85	8	5.	5.5	7.	5.	0.571	0.756	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	12/12/72-09/18/86	8	45500.	41125.	72000.	6000.	504125000.	22452.728	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	12/12/72-09/18/86	8	4.655	4.516	4.857	3.778	0.133	0.365	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			32829.799								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/16/73-12/02/85	8	1.5	1.375	2.	0.5	0.482	0.694	**	**	**	**
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/26/77-11/12/86	8	0.025	0.026	0.06	0.006	0.	0.017	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 SARA0027

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/73-11/12/86	10	13.25	14.15	25.5	1.5	70.836	8.416	1.9	7.	22.875	25.35
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/12/72-11/12/86	10	14.25	13.7	25.	1.	70.622	8.404	1.2	6.	22.25	24.8
00032	CLOUD COVER (PERCENT)	12/12/72-11/12/86	10	16.5	30.8	100.	0.	1191.067	34.512	0.3	3.	64.5	96.9
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/26/77-11/12/86	10	1.9	3.06	8.5	1.2	6.3	2.51	1.22	1.625	4.1	8.33
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/26/77-11/12/86	9	100.	97.	112.	70.	215.25	14.671	70.	85.5	108.5	112.
00300	OXYGEN, DISSOLVED MG/L	12/12/72-11/12/86	10	9.7	9.57	14.1	5.6	8.16	2.857	5.7	6.6	11.95	13.93
00400	PH (STANDARD UNITS)	12/12/72-11/12/86	10	7.1	7.18	7.5	7.	0.026	0.162	7.	7.075	7.3	7.48
00400	CONVERTED PH (STANDARD UNITS)	12/12/72-11/12/86	10	7.1	7.155	7.5	7.	0.027	0.164	7.	7.075	7.3	7.48
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/12/72-11/12/86	10	0.079	0.07	0.1	0.032	0.001	0.023	0.033	0.05	0.085	0.1
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/27/78-12/02/85	10	12.	21.5	111.	6.	1003.167	31.673	6.	9.	16.25	101.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/26/77-11/12/86	10	6.	6.4	15.	2.	17.378	4.169	2.	2.75	8.75	14.6
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/27/78-11/12/86	10	4.	3.6	7.	1.	3.6	1.897	1.1	2.	4.5	6.9
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/26/77-11/12/86	10	2.	2.9	11.	0.5	10.044	3.169	0.5	0.875	4.	10.3
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/26/77-11/12/86	10	0.135	0.13	0.19	0.065	0.001	0.037	0.068	0.099	0.153	0.187
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/26/77-11/12/86	10	0.01	0.011	0.021	0.005	0.	0.005	0.005	0.007	0.014	0.021
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/26/77-11/12/86	10	0.515	0.487	0.63	0.28	0.014	0.119	0.285	0.398	0.6	0.627
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/26/77-11/12/86	10	0.005	0.006	0.016	0.003	0.	0.004	0.003	0.004	0.007	0.015
00940	CHLORIDE,TOTAL IN WATER MG/L	05/26/77-12/02/85	10	5.5	5.6	9.	4.	2.489	1.578	4.	4.	6.25	8.8
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	12/12/72-09/18/86	10	10450.	9850.	19000.	300.	54685000.	7394.931	370.	2725.	16750.	19000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	12/12/72-09/18/86	10	4.006	3.755	4.279	2.477	0.373	0.611	2.529	3.389	4.223	4.279
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			5684.58								
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/26/77-11/12/86	10	0.025	0.025	0.04	0.01	0.	0.008	0.011	0.02	0.03	0.039

** - 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 1982 - Station SARA0027

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/73-11/12/86	10	15.75	14.15	24.	2.	59.336	7.703	2.35	6.625	21.75	23.85
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/12/72-11/12/86	10	17.5	16.3	27.	3.	75.122	8.667	3.2	8.	24.	26.7
00032	CLOUD COVER (PERCENT)	12/12/72-11/12/86	10	52.5	53.	100.	0.	1978.889	44.485	0.5	5.	100.	100.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/26/77-11/12/86	10	3.1	3.16	4.2	2.3	0.543	0.737	2.31	2.475	4.	4.18
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/26/77-11/12/86	10	98.	92.	113.	65.	223.111	14.937	65.5	79.75	100.5	111.9
00300	OXYGEN, DISSOLVED MG/L	12/12/72-11/12/86	10	8.6	8.99	11.4	7.2	2.343	1.531	7.24	7.75	10.6	11.38
00400	PH (STANDARD UNITS)	12/12/72-11/12/86	10	7.075	7.155	7.8	6.4	0.226	0.475	6.42	6.825	7.65	7.8
00400	CONVERTED PH (STANDARD UNITS)	12/12/72-11/12/86	10	7.074	6.939	7.8	6.4	0.278	0.527	6.42	6.825	7.65	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/12/72-11/12/86	10	0.084	0.115	0.398	0.016	0.015	0.122	0.016	0.023	0.157	0.383
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/27/78-12/02/85	10	16.5	16.3	23.	12.	10.678	3.268	12.1	13.	18.	22.5
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/26/77-11/12/86	10	5.	5.7	10.	2.	6.678	2.584	2.2	4.	7.75	10.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/27/78-11/12/86	10	5.	4.5	8.	2.	4.722	2.173	2.	2.	6.25	7.9
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/26/77-11/12/86	10 ##	0.75	1.45	4.	0.5	1.581	1.257	0.5	0.5	2.25	3.9
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/26/77-11/12/86	10	0.1	0.101	0.13	0.072	0.	0.019	0.073	0.086	0.12	0.129
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/26/77-11/12/86	10	0.006	0.006	0.013	0.003	0.	0.003	0.003	0.004	0.008	0.013
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/26/77-11/12/86	10	0.315	0.349	0.59	0.17	0.018	0.135	0.175	0.25	0.478	0.584
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/26/77-11/12/86	9	0.006	0.007	0.011	0.004	0.	0.002	0.004	0.005	0.009	0.011
00940	CHLORIDE,TOTAL IN WATER MG/L	05/26/77-12/02/85	10	5.5	5.5	9.	3.	3.167	1.78	3.	4.5	6.25	8.8
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	12/12/72-09/18/86	8	16000.	25950.	74000.	7000.	524134285.714	22893.979	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	12/12/72-09/18/86	8	4.203	4.281	4.869	3.845	0.127	0.357	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			19105.511								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/16/73-12/02/85	10	1.	1.1	4.	0.5	1.1	1.049	0.5	0.5	1.	3.7
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/26/77-11/12/86	10	0.03	0.037	0.1	0.01	0.001	0.029	0.01	0.018	0.055	0.097

** - 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 1983 - Station SARA0027

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/73-11/12/86	8	19.	17.375	26.	3.5	60.339	7.768	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/12/72-11/12/86	8	20.75	19.063	29.	1.	75.603	8.695	**	**	**	**
00032	CLOUD COVER (PERCENT)	12/12/72-11/12/86	8	25.	36.25	100.	0.	1769.643	42.067	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/26/77-11/12/86	8	2.5	3.863	11.	1.7	10.128	3.183	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/26/77-11/12/86	8	103.5	103.125	118.	84.	151.554	12.311	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	12/12/72-11/12/86	8	7.9	8.688	12.3	6.6	4.236	2.058	**	**	**	**
00400	PH (STANDARD UNITS)	12/12/72-11/12/86	8	7.025	7.013	7.2	6.85	0.013	0.113	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/12/72-11/12/86	8	7.024	7.	7.2	6.85	0.013	0.113	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/12/72-11/12/86	8	0.095	0.1	0.141	0.063	0.001	0.025	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/27/78-12/02/85	8	19.	19.5	23.	18.	2.571	1.604	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/26/77-11/12/86	8	6.	8.375	21.	2.	41.696	6.457	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/27/78-11/12/86	8	3.	3.563	8.	0.5	5.817	2.412	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/26/77-11/12/86	8	2.	4.875	17.	1.	34.411	5.866	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/26/77-11/12/86	8	0.175	0.182	0.31	0.09	0.006	0.079	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/26/77-11/12/86	8	0.009	0.012	0.028	0.	0.	0.009	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/26/77-11/12/86	8	0.445	0.425	0.53	0.3	0.008	0.088	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/26/77-11/12/86	8	0.011	0.012	0.024	0.002	0.	0.007	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/26/77-12/02/85	8	6.	6.5	9.	4.	2.857	1.69	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	12/12/72-09/18/86	8	19500.	25750.	90000.	2000.	808785714.286	28439.158	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	12/12/72-09/18/86	8	4.286	4.171	4.954	3.301	0.28	0.529	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			14841.044								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/16/73-12/02/85	8	2.	2.25	4.	0.5	1.857	1.363	**	**	**	**
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/26/77-11/12/86	8	0.03	0.028	0.04	0.01	0.	0.009	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 SARA0027

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/73-11/12/86	10	13.75	14.55	26.	3.5	64.914	8.057	3.6	6.75	22.375	25.75
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/12/72-11/12/86	10	15.	18.	31.	10.5	65.278	8.079	10.5	10.875	25.75	31.
00032	CLOUD COVER (PERCENT)	12/12/72-11/12/86	10	65.	63.5	100.	10.	1389.167	37.272	10.	28.75	100.	100.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/26/77-11/12/86	10	2.35	3.73	15.	1.8	16.069	4.009	1.82	2.	3.425	13.88
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/26/77-11/12/86	10	94.	88.3	102.	66.	187.567	13.695	66.1	73.	97.5	102.
00300	OXYGEN, DISSOLVED MG/L	12/12/72-11/12/86	10	8.8	9.6	13.4	6.1	6.682	2.585	6.19	7.45	12.525	13.32
00400	PH (STANDARD UNITS)	12/12/72-11/12/86	10	7.375	7.425	7.9	6.95	0.123	0.351	6.95	7.1	7.8	7.89
00400	CONVERTED PH (STANDARD UNITS)	12/12/72-11/12/86	10	7.374	7.304	7.9	6.95	0.139	0.373	6.95	7.1	7.8	7.89
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/12/72-11/12/86	10	0.042	0.05	0.112	0.013	0.001	0.038	0.013	0.016	0.081	0.112
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/27/78-12/02/85	10	18.	19.7	39.	14.	54.456	7.379	14.	14.75	20.75	37.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/26/77-11/12/86	10	8.5	9.3	22.	3.	25.567	5.056	3.3	6.	10.25	20.9
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/27/78-11/12/86	10	4.5	4.7	11.	1.	9.567	3.093	1.	2.5	6.5	10.7
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/26/77-11/12/86	10	4.5	4.7	16.	0.5	19.511	4.417	0.5	1.625	5.25	15.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/26/77-11/12/86	10	0.11	0.135	0.22	0.063	0.004	0.061	0.064	0.085	0.198	0.22
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/26/77-11/12/86	10	0.012	0.013	0.035	0.003	0.	0.01	0.003	0.003	0.018	0.034
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/26/77-11/12/86	10	0.265	0.266	0.43	0.1	0.007	0.082	0.112	0.235	0.3	0.417
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/26/77-11/12/86	10	0.005	0.006	0.019	0.002	0.	0.005	0.002	0.002	0.008	0.018
00940	CHLORIDE,TOTAL IN WATER MG/L	05/26/77-12/02/85	10	5.5	5.5	8.	4.	1.833	1.354	4.	4.	6.25	7.9
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	12/12/72-09/18/86	8	14500.	19400.	49000.	2400.	303017142.857	17407.388	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	12/12/72-09/18/86	8	4.148	4.085	4.69	3.38	0.242	0.492	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			12150.323								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/16/73-12/02/85	10	2.	2.05	3.	0.5	0.692	0.832	0.55	1.75	3.	3.
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/26/77-11/12/86	10	0.02	0.018	0.03	0.008	0.	0.008	0.008	0.01	0.023	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

Annual Analysis for 1985 - Station SARA0027

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/73-11/12/86	8	14.25	14.125	26.	2.5	81.339	9.019	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/12/72-11/12/86	8	14.75	16.938	31.	4.	92.603	9.623	**	**	**	**
00032	CLOUD COVER (PERCENT)	12/12/72-11/12/86	8	60.	55.	100.	5.	1785.714	42.258	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/26/77-11/12/86	8	2.1	3.163	12.	0.5	13.746	3.707	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/26/77-11/12/86	8	97.5	103.875	139.	69.	488.125	22.094	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	12/12/72-11/12/86	8	9.1	9.188	12.4	6.6	3.498	1.87	**	**	**	**
00400	PH (STANDARD UNITS)	12/12/72-11/12/86	8	7.125	7.169	7.8	6.9	0.085	0.291	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/12/72-11/12/86	8	7.124	7.103	7.8	6.9	0.09	0.3	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/12/72-11/12/86	8	0.075	0.079	0.126	0.016	0.001	0.038	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/27/78-12/02/85	8	18.	17.625	24.	12.	13.982	3.739	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/26/77-11/12/86	8	9.5	9.5	15.	4.	14.571	3.817	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/27/78-11/12/86	8	5.5	5.375	8.	2.	2.839	1.685	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/26/77-11/12/86	8	3.5	4.125	9.	1.	9.268	3.044	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/26/77-11/12/86	8	0.265	0.25	0.37	0.006	0.012	0.11	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/26/77-11/12/86	8	0.011	0.023	0.075	0.003	0.001	0.025	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/26/77-11/12/86	8	0.45	0.441	0.67	0.28	0.016	0.125	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/26/77-11/12/86	8	0.006	0.007	0.017	0.001	0.	0.007	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/26/77-12/02/85	8	7.	7.25	11.	5.	3.643	1.909	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	12/12/72-09/18/86	6	25500.	29333.333	66000.	10000.	438266666.667	20934.819	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	12/12/72-09/18/86	6	4.392	4.375	4.82	4.	0.098	0.313	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			23721.296								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/16/73-12/02/85	8	2.5	3.563	8.	0.5	7.531	2.744	**	**	**	**
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/26/77-11/12/86	8	0.025	0.026	0.04	0.01	0.	0.011	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 SARA0027

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/73-11/12/86	10	16.5	14.75	24.	0.	63.236	7.952	0.65	6.875	21.5	23.9
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/12/72-11/12/86	10	17.	16.9	26.	-3.	94.322	9.712	5.1	9.75	26.	26.
00032	CLOUD COVER (PERCENT)	12/12/72-11/12/86	10	37.5	49.	100.	15.	926.667	30.441	15.5	27.5	82.5	99.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/26/77-11/12/86	10	1.7	2.8	12.	0.4	11.853	3.443	0.44	1.025	2.975	11.27
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/26/77-11/12/86	10	84.	80.4	105.	48.	380.044	19.495	48.2	65.75	98.25	104.4
00300	OXYGEN, DISSOLVED MG/L	12/12/72-11/12/86	10	8.9	9.28	12.8	6.8	4.055	2.014	6.88	7.9	10.25	12.8
00400	PH (STANDARD UNITS)	12/12/72-11/12/86	10	7.	7.042	7.42	6.8	0.038	0.194	6.81	6.9	7.2	7.398
00400	CONVERTED PH (STANDARD UNITS)	12/12/72-11/12/86	10	6.989	7.007	7.42	6.8	0.039	0.198	6.81	6.9	7.2	7.398
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/12/72-11/12/86	10	0.103	0.099	0.158	0.038	0.001	0.039	0.041	0.063	0.126	0.155
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/26/77-11/12/86	10	7.5	8.3	18.	3.	19.789	4.448	3.1	4.75	10.5	17.4
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/27/78-11/12/86	10	3.5	3.9	8.	2.	3.878	1.969	2.	2.	5.25	7.8
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/26/77-11/12/86	10	3.5	4.4	14.	1.	13.6	3.688	1.1	2.	5.25	13.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/26/77-11/12/86	10	0.094	0.155	0.44	0.068	0.015	0.123	0.069	0.081	0.225	0.426
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/26/77-11/12/86	10	0.011	0.012	0.027	0.003	0.	0.008	0.003	0.006	0.016	0.026
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/26/77-11/12/86	10	0.26	0.273	0.49	0.05	0.019	0.136	0.058	0.175	0.378	0.484
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/26/77-11/12/86	10	0.003	0.003	0.006	0.001	0.	0.001	0.001	0.002	0.004	0.006
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	12/12/72-09/18/86	5	29000.	50400.	170000.	6000.	4566300000.	67574.403	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	12/12/72-09/18/86	5	4.462	4.436	5.23	3.778	0.277	0.526	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			27271.792								
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/26/77-11/12/86	10	0.025	0.027	0.04	0.02	0.	0.008	0.02	0.02	0.033	0.04

** - 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

Seasonal Analysis for Season #1: 9/20 to 2/29 - Station SARA0027

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/73-11/12/86	28	9.5	9.232	17.5	0.1	28.884	5.374	1.45	4.55	14.25	16.55
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/12/72-11/12/86	31	10.5	8.858	20.5	-13.	50.637	7.116	4.2	7.	14.	16.24
00032	CLOUD COVER (PERCENT)	12/12/72-11/12/86	30	82.5	67.567	100.	3.	1275.84	35.719	10.5	30.	100.	100.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/26/77-11/12/86	22	3.4	4.925	32.	0.4	43.492	6.595	1.26	2.	4.025	10.95
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/26/77-11/12/86	22	98.	127.5	825.	47.	24642.833	156.98	70.	83.75	104.	138.
00300	OXYGEN, DISSOLVED MG/L	12/12/72-11/12/86	29	10.4	10.907	16.2	7.	6.664	2.582	8.	8.6	12.6	15.
00310	BOD, 5 DAY, 20 DEG C MG/L	12/12/72-11/12/86	24	2.3	2.252	3.5	0.5	0.585	0.765	1.	1.738	2.7	3.35
00315	BOD, 7 DAY, 20 DEG C MG/L	05/14/73-08/19/86	13	2.5	2.638	3.6	1.3	0.508	0.712	1.58	2.	3.25	3.6
00335	COD, .025N K2CR2O7 MG/L	05/26/77-04/30/86	13	17.	17.338	22.	13.	5.623	2.371	13.4	16.	18.7	21.2
00400	PH (STANDARD UNITS)	12/12/72-11/12/86	30	7.	6.987	7.8	6.4	0.11	0.332	6.61	6.7	7.163	7.48
00400	CONVERTED PH (STANDARD UNITS)	12/12/72-11/12/86	30	7.	6.882	7.8	6.4	0.122	0.349	6.61	6.7	7.162	7.48
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/12/72-11/12/86	30	0.1	0.131	0.398	0.016	0.008	0.088	0.033	0.069	0.2	0.246
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/27/78-12/02/85	21	18.	21.429	111.	6.	465.057	21.565	8.	13.5	20.	35.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/26/77-11/12/86	23	8.	13.826	101.	2.	426.605	20.654	3.	5.	11.	32.2
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/27/78-11/12/86	22	4.	10.318	100.	2.	447.942	21.165	2.	3.5	6.25	27.8
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/26/77-11/12/86	22	2.	4.023	21.	0.5	29.678	5.448	0.5	0.875	4.25	15.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/26/77-11/12/86	23	0.18	0.192	0.53	0.065	0.015	0.122	0.084	0.095	0.22	0.398
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/26/77-11/12/86	18	0.008	0.009	0.021	0.003	0.	0.005	0.003	0.005	0.013	0.019
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/26/77-10/09/86	10	0.865	0.826	1.2	0.56	0.037	0.193	0.562	0.625	0.923	1.173
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/26/77-11/12/86	20	0.315	0.334	0.6	0.05	0.023	0.15	0.11	0.22	0.453	0.548
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/26/77-11/12/86	21	0.005	0.006	0.019	0.001	0.	0.005	0.001	0.003	0.008	0.015
00940	CHLORIDE,TOTAL IN WATER MG/L	05/26/77-12/02/85	21	6.	5.452	7.	2.5	1.298	1.139	4.	5.	6.	7.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	12/12/72-09/18/86	28	18000.	52753.571	780000.	0.	22083687023.81	148605.811	1810.	8650.	31250.	75200.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	12/12/72-09/18/86	28	4.255	4.087	5.892	0.	0.963	0.981	3.251	3.935	4.493	4.823
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			12212.565								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	06/16/77-09/18/86	19	1400.	1763.684	5000.	200.	1485613.45	1218.857	650.	900.	2600.	3900.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	06/16/77-09/18/86	19	3.146	3.146	3.699	2.301	0.104	0.323	2.813	2.954	3.415	3.591
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1398.257								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/16/73-12/02/85	25	2.	2.48	7.	0.001	3.635	1.907	0.5	1.	4.	5.4
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/26/77-11/12/86	23	0.02	0.025	0.07	0.006	0.	0.016	0.007	0.01	0.03	0.056

** - Less than 9 observations ## - Computed 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: 3/01 to 4/30 - Station SARA0027

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/73-11/12/86	21	4.	5.543	16.	0.	15.425	3.927	1.6	2.5	8.25	11.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/12/72-11/12/86	21	8.9	8.762	24.	-3.	42.717	6.536	1.4	4.4	12.25	18.6
00032	CLOUD COVER (PERCENT)	12/12/72-11/12/86	21	55.	56.81	100.	0.	1477.662	38.44	5.	15.	97.	100.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/26/77-11/12/86	16	3.05	6.075	17.	1.2	31.277	5.593	1.55	2.	11.75	15.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/26/77-11/12/86	16	95.	94.188	190.	50.	993.096	31.513	59.1	70.5	101.25	138.9
00300	OXYGEN, DISSOLVED MG/L	12/12/72-11/12/86	20	12.15	11.775	14.	7.8	2.456	1.567	9.4	11.05	12.8	13.74
00310	BOD, 5 DAY, 20 DEG C MG/L	12/12/72-11/12/86	13	2.4	2.531	5.6	1.4	1.299	1.14	1.4	1.65	2.85	4.84
00315	BOD, 7 DAY, 20 DEG C MG/L	05/14/73-08/19/86	10	2.7	2.66	4.6	0.	1.643	1.282	0.16	1.975	3.425	4.55
00335	COD, .025N K2CR2O7 MG/L	05/26/77-04/30/86	12	15.	19.967	84.	8.6	415.359	20.38	9.02	12.25	17.	64.5
00400	PH (STANDARD UNITS)	12/12/72-11/12/86	20	7.1	7.134	7.8	6.5	0.114	0.338	6.7	6.913	7.375	7.762
00400	CONVERTED PH (STANDARD UNITS)	12/12/72-11/12/86	20	7.1	7.018	7.8	6.5	0.128	0.358	6.7	6.913	7.375	7.762
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/12/72-11/12/86	20	0.079	0.096	0.316	0.016	0.005	0.073	0.018	0.042	0.122	0.2
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/27/78-12/02/85	13	13.	13.923	23.	6.	24.91	4.991	7.2	10.5	16.5	23.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/26/77-11/12/86	16	10.5	11.063	25.	2.	44.463	6.668	2.7	6.	14.75	22.9
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/27/78-11/12/86	16	4.5	4.813	11.	1.	7.363	2.713	1.7	3.	6.75	8.9
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/26/77-11/12/86	16	4.	6.313	17.	0.5	31.396	5.603	0.5	2.25	11.	16.3
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/26/77-11/12/86	16	0.15	0.201	0.44	0.083	0.013	0.116	0.088	0.113	0.29	0.405
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/26/77-11/12/86	14	0.007	0.007	0.014	0.003	0.	0.003	0.003	0.006	0.008	0.014
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/26/77-10/09/86	8	0.73	0.775	1.	0.58	0.024	0.153	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/26/77-11/12/86	15	0.43	0.439	0.6	0.28	0.011	0.104	0.292	0.35	0.52	0.594
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/26/77-11/12/86	15	0.004	0.005	0.019	0.001	0.	0.005	0.001	0.002	0.005	0.014

** - Less than 9 observations ## - Computed 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: 3/01 to 4/30 - Station SARA0027

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00940	CHLORIDE,TOTAL IN WATER MG/L	05/26/77-12/02/85	13	5.	5.846	9.	3.	3.474	1.864	3.4	4.5	8.	8.6
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	12/12/72-09/18/86	18	8950.	71755.611	710001.	0.	28822403584.369	169771.622	0.	3225.	61500.	260000.1
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	12/12/72-09/18/86	18	3.949	3.771	5.851	0.	2.363	1.537	0.	3.508	4.788	5.375
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			5903.987								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	06/16/77-09/18/86	11	600.	787.273	1700.	300.	247601.818	497.596	300.	430.	1200.	1680.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	06/16/77-09/18/86	11	2.778	2.822	3.23	2.477	0.069	0.264	2.477	2.633	3.079	3.225
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			663.705								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/16/73-12/02/85	16	2.	2.563	9.	0.5	5.296	2.301	0.5	1.	3.	6.9
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/26/77-11/12/86	16	0.02	0.026	0.06	0.01	0.	0.015	0.01	0.013	0.03	0.053

** - 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

Seasonal Analysis for Season #3: 5/01 to 6/30 - Station SARA0027

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/73-11/12/86	22	18.75	18.177	24.	9.	19.887	4.459	11.	14.75	22.5	23.85
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/12/72-11/12/86	22	22.5	21.7	33.3	10.5	41.953	6.477	11.55	17.	26.	32.26
00032	CLOUD COVER (PERCENT)	12/12/72-11/12/86	22	27.5	36.045	100.	0.	1074.998	32.787	0.	10.	55.	92.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/26/77-11/12/86	20	2.7	3.135	6.5	0.5	2.774	1.666	0.89	2.05	4.675	5.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/26/77-11/12/86	20	90.	93.7	189.	48.	1149.695	33.907	50.6	72.	107.75	151.7
00300	OXYGEN, DISSOLVED MG/L	12/12/72-11/12/86	22	8.9	8.895	13.4	5.6	2.657	1.63	6.98	7.5	9.7	10.85
00310	BOD, 5 DAY, 20 DEG C MG/L	12/12/72-11/12/86	15	3.3	2.873	5.	0.	1.915	1.384	0.3	2.2	3.8	4.52
00315	BOD, 7 DAY, 20 DEG C MG/L	05/14/73-08/19/86	13	3.5	3.069	6.	0.	2.117	1.455	0.76	2.05	3.8	5.32
00335	COD, .025N K2CR2O7 MG/L	05/26/77-04/30/86	12	17.5	16.55	22.	10.	13.97	3.738	10.87	13.	19.525	21.4
00400	PH (STANDARD UNITS)	12/12/72-11/12/86	19	7.05	7.042	7.6	6.5	0.083	0.288	6.7	6.8	7.3	7.5
00400	CONVERTED PH (STANDARD UNITS)	12/12/72-11/12/86	19	7.05	6.956	7.6	6.5	0.091	0.302	6.7	6.8	7.3	7.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/12/72-11/12/86	19	0.089	0.111	0.316	0.025	0.005	0.072	0.032	0.05	0.158	0.2
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/27/78-12/02/85	16	14.	14.875	21.	7.	14.383	3.793	9.1	13.	18.75	20.3
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/26/77-11/12/86	20	6.5	7.3	13.	3.	12.642	3.556	4.	4.	10.	12.9
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/27/78-11/12/86	18	4.5	4.583	10.	0.5	7.772	2.788	0.95	2.	7.25	8.2
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/26/77-11/12/86	20	2.	3.	13.	0.5	9.316	3.052	0.5	1.	4.	7.7
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/26/77-11/12/86	20	0.125	0.184	0.5	0.072	0.014	0.119	0.078	0.1	0.278	0.367
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/26/77-11/12/86	17	0.01	0.015	0.055	0.003	0.	0.014	0.003	0.006	0.019	0.04
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/26/77-10/09/86	10	0.72	0.696	1.2	0.17	0.103	0.322	0.191	0.395	0.962	1.18
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/26/77-11/12/86	20	0.455	0.455	0.82	0.19	0.028	0.168	0.251	0.303	0.568	0.693
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/26/77-11/12/86	19	0.004	0.019	0.22	0.001	0.002	0.049	0.001	0.002	0.011	0.03
00940	CHLORIDE,TOTAL IN WATER MG/L	05/26/77-12/02/85	18	5.	5.556	14.	3.	6.379	2.526	3.	4.	6.	8.6
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	12/12/72-09/18/86	22	22500.	936627.273	20000000.	1000.	**********	4257931.566	7280.	11400.	43500.	92500.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	12/12/72-09/18/86	22	4.352	4.431	7.301	3.	0.595	0.771	3.86	4.055	4.638	4.963
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			27006.078								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	06/16/77-09/18/86	18	900.	1335.556	5700.	100.	1947484.967	1395.523	289.	462.5	1675.	3900.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	06/16/77-09/18/86	18	2.943	2.938	3.756	2.	0.181	0.425	2.442	2.665	3.223	3.587
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			867.469								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/16/73-12/02/85	16	2.	3.063	14.	0.5	10.429	3.229	0.5	2.	3.75	8.4
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/26/77-11/12/86	20	0.03	0.046	0.3	0.01	0.004	0.063	0.02	0.02	0.04	0.096

** - Less than 9 observations ## - Computed 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 #4: 7/01 to 9/19 - Station SARA0027

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/16/73-11/12/86	29	24.	23.276	27.	17.	6.424	2.535	20.	21.25	25.5	26.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/12/72-11/12/86	29	25.	24.859	32.	15.	19.69	4.437	18.	22.75	27.5	31.
00032	CLOUD COVER (PERCENT)	12/12/72-11/12/86	28	35.	43.857	100.	0.	1122.72	33.507	5.	15.	77.25	99.1
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/26/77-11/12/86	24	2.25	2.633	6.8	0.6	2.376	1.542	0.9	1.725	3.275	5.3

** - 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

Seasonal Analysis for Season #4: 7/01 to 9/19 - Station SARA0027

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/26/77-11/12/86	25	102.	102.12	152.	70.	325.527	18.042	79.2	91.5	110.	128.2
00300	OXYGEN, DISSOLVED MG/L	12/12/72-11/12/86	29	7.	7.062	8.8	6.	0.366	0.605	6.4	6.6	7.45	7.9
00310	BOD, 5 DAY, 20 DEG C MG/L	12/12/72-11/12/86	23	2.5	2.752	5.1	1.3	0.983	0.991	1.56	2.	3.4	4.22
00315	BOD, 7 DAY, 20 DEG C MG/L	05/14/73-08/19/86	15	3.	2.813	5.4	0.	2.413	1.553	0.	1.8	4.	5.04
00335	COD, .025N K2CR2O7 MG/L	05/26/77-04/30/86	14	19.	22.514	51.	16.	101.703	10.085	16.5	17.75	20.5	45.5
00400	PH (STANDARD UNITS)	12/12/72-11/12/86	28	7.1	7.136	7.9	6.7	0.094	0.306	6.7	6.913	7.3	7.665
00400	CONVERTED PH (STANDARD UNITS)	12/12/72-11/12/86	28	7.1	7.049	7.9	6.7	0.102	0.319	6.7	6.913	7.3	7.665
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/12/72-11/12/86	28	0.079	0.089	0.2	0.013	0.003	0.052	0.022	0.05	0.122	0.2
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/27/78-12/02/85	21	17.	17.143	24.	12.	9.529	3.087	12.4	15.	19.	22.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/26/77-11/12/86	25	6.	6.36	15.	2.	8.657	2.942	2.6	4.	8.	10.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/27/78-11/12/86	25	4.	4.02	8.	0.5	4.427	2.104	1.6	2.	6.	7.4
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	05/26/77-11/12/86	25	2.	2.46	9.	0.5	4.373	2.091	0.5	1.	3.5	5.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/26/77-11/12/86	24	0.14	0.149	0.45	0.006	0.009	0.092	0.066	0.074	0.198	0.25
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/26/77-11/12/86	22	0.017	0.02	0.075	0.	0.	0.016	0.006	0.01	0.027	0.036
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/26/77-10/09/86	11	0.8	0.881	1.4	0.5	0.073	0.271	0.534	0.7	1.	1.38
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/26/77-11/12/86	25	0.33	0.371	0.67	0.13	0.019	0.138	0.188	0.27	0.495	0.554
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/26/77-11/12/86	24	0.006	0.007	0.024	0.002	0.	0.006	0.002	0.003	0.009	0.019
00940	CHLORIDE,TOTAL IN WATER MG/L	05/26/77-12/02/85	22	7.	6.864	13.	3.	5.361	2.315	4.	5.	8.	10.4
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	12/12/72-09/18/86	28	37500.	85892.929	710001.	300.	2986039314	8.217	172801.601	5170.	17000.	59750.	219000.1
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	12/12/72-09/18/86	28	4.574	4.49	5.851	2.477	0.431	0.656	3.712	4.23	4.776	5.289
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			30868.43								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	06/16/77-09/18/86	25	1800.	2688.4	20000.	50.	16097389.	4012.155	156.	550.	3350.	5920.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	06/16/77-09/18/86	25	3.255	3.095	4.301	1.699	0.368	0.606	2.193	2.739	3.517	3.768
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1244.977								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/16/73-12/02/85	23	1.	2.196	8.	0.5	3.744	1.935	0.5	1.	3.	5.
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/26/77-11/12/86	25	0.03	0.028	0.05	0.01	0.	0.01	0.01	0.02	0.035	0.04

** - 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

Station Inventory for Station: SARA0028

NPS Station ID: SARA0028
LAT/LON: 43.126670/ -73.587782
Agency: 112WRD
Date Created: / /
Location: HUDSON RIVER AT THOMSON NY
FIPS State/County: 36091 NEW YORK/SARATOGA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 01328770
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02020003
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02020003
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02020003007500.85
RF3 Mile Point: 0.97
Distance from RF3: 0.31
On/Off RF3:
Description:

Parameter Inventory for Station: SARA0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/09/74-04/07/75	10	8.	8.6	20.	4.	21.6	4.648	4.	4.75	10.	19.
00080	COLOR (PLATINUM-COBALT UNITS)	07/09/74-04/07/75	10	20.	15.9	31.	4.	71.433	8.452	4.3	7.75	20.	29.9
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/12/72-04/07/75	29	78.	81.172	116.	58.	173.433	13.169	66.	71.5	90.5	97.
00335	COD, .025N K2CR2O7 MG/L	12/12/72-04/07/75	29	15.	15.138	30.	6.	30.623	5.534	8.	10.	18.5	22.
00400	PH (STANDARD UNITS)	12/12/72-08/05/74	21	6.9	6.748	7.2	6.	0.096	0.309	6.24	6.5	6.95	7.08
00400	CONVERTED PH (STANDARD UNITS)	12/12/72-08/05/74	21	6.9	6.625	7.2	6.	0.111	0.334	6.24	6.5	6.95	7.08
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/12/72-08/05/74	21	0.126	0.237	1.	0.063	0.05	0.224	0.084	0.113	0.316	0.584
00405	CARBON DIOXIDE (MG/L AS CO2)	12/12/72-08/05/74	21	4.2	6.224	19.	2.	20.039	4.476	2.38	3.1	8.75	14.2
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/12/72-04/07/75	29	15.	15.793	24.	10.	11.456	3.385	11.	13.5	18.	21.
00440	BICARBONATE ION (MG/L AS HCO3)	12/12/72-04/07/75	29	18.	19.241	29.	12.	16.904	4.111	14.	16.5	22.	26.
00445	CARBONATE ION (MG/L AS CO3)	12/12/72-08/05/74	21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00500	RESIDUE, TOTAL (MG/L)	12/12/72-04/07/75	29	63.	65.517	116.	49.	193.473	13.909	51.	55.5	73.	81.
00510	RESIDUE, TOTAL FIXED (MG/L)	12/12/72-04/07/75	27	41.	43.852	79.	30.	137.131	11.71	32.6	37.	48.	63.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/12/72-04/03/76	30	8.	11.967	64.	2.	211.482	14.542	3.	4.	13.25	25.7
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/03/76-04/03/76	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	12/12/72-04/07/75	29	5.	7.003	50.	0.	90.022	9.488	0.	2.	8.	14.
00600	NITROGEN, TOTAL (MG/L AS N)	10/02/73-04/07/75	19	0.9	0.996	2.3	0.58	0.145	0.38	0.65	0.73	1.2	1.4
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	12/12/72-04/07/75	29	0.25	0.307	1.1	0.08	0.045	0.213	0.11	0.195	0.345	0.49
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	12/12/72-09/05/73	10	0.205	0.221	0.37	0.1	0.013	0.116	0.1	0.1	0.343	0.368
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/02/73-04/07/75	19	0.24	0.266	0.63	0.005	0.028	0.166	0.02	0.19	0.39	0.52
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/12/72-09/05/73	10	0.011	0.012	0.035	0.003	0.	0.009	0.003	0.007	0.014	0.033
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/02/73-04/07/75	19	0.01	0.019	0.167	0.002	0.001	0.037	0.005	0.005	0.02	0.03
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/12/72-09/05/73	10	0.44	0.538	1.2	0.16	0.099	0.315	0.172	0.325	0.747	1.169
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/02/73-04/07/75	19	0.36	0.431	1.2	0.03	0.065	0.255	0.24	0.32	0.47	0.88
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/10/73-04/07/75	22	0.52	0.556	1.1	0.21	0.05	0.223	0.303	0.398	0.673	0.908
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/02/73-04/07/75	19	0.38	0.449	1.2	0.05	0.063	0.251	0.25	0.32	0.51	0.88
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/14/73-09/05/73	5	0.4	0.6	1.2	0.2	0.185	0.43	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	12/12/72-04/15/74	17	0.02	0.019	0.06	0.	0.	0.018	0.	0.	0.03	0.052
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/12/72-04/07/75	29	0.02	0.021	0.07	0.008	0.	0.012	0.01	0.015	0.021	0.03
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/12/72-04/15/74	17	0.005	0.008	0.02	0.001	0.	0.005	0.002	0.005	0.01	0.018
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/05/74-04/07/75	9	5.1	6.	11.	4.2	4.82	2.195	4.2	4.55	7.	11.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/12/72-04/15/74	17	27.	27.529	38.	21.	19.39	4.403	21.8	24.	30.5	34.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	12/12/72-04/15/74	17	12.	12.647	20.	7.	10.618	3.258	7.8	10.5	15.	17.6
00915	CALCIUM, DISSOLVED (MG/L AS CA)	12/12/72-04/15/74	17	8.1	8.253	11.	5.9	1.511	1.229	6.78	7.35	9.	10.2
00916	CALCIUM, TOTAL (MG/L AS CA)	05/13/74-04/07/75	11	10.	9.645	12.	7.5	2.261	1.504	7.56	8.5	11.	11.8
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	12/12/72-04/15/74	17	1.6	1.671	2.6	1.1	0.156	0.395	1.18	1.45	1.9	2.28
00927	MAGNESIUM, TOTAL (MG/L AS MG)	05/13/74-04/07/75	11	1.8	1.955	2.7	1.4	0.235	0.484	1.4	1.5	2.4	2.68
00929	SODIUM, TOTAL (MG/L AS NA)	05/13/74-04/07/75	11	3.6	3.555	4.5	2.5	0.423	0.65	2.54	3.	4.2	4.44

** - 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

Parameter Inventory for Station: SARA0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00930	SODIUM, DISSOLVED (MG/L AS NA)	12/12/72-04/15/74	17	3.1	3.453	5.5	2.2	1.051	1.025	2.28	2.65	4.15	5.26
00931	SODIUM ADSORPTION RATIO	12/12/72-04/15/74	17	0.3	0.288	0.4	0.2	0.006	0.078	0.2	0.2	0.35	0.4
00932	SODIUM, PERCENT	12/12/72-04/15/74	17	20.	20.588	26.	16.	9.632	3.104	16.8	18.	22.	26.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	12/12/72-04/15/74	17	0.6	0.612	1.3	0.3	0.066	0.257	0.3	0.45	0.7	1.06
00937	POTASSIUM, TOTAL MG/L AS K)	05/13/74-04/07/75	11	0.6	0.645	1.2	0.2	0.083	0.288	0.24	0.4	0.8	1.16
00940	CHLORIDE,TOTAL IN WATER MG/L	12/12/72-04/07/75	29	4.	4.379	9.	3.	2.03	1.425	3.	3.	5.	6.
00945	SULFATE, TOTAL (MG/L AS SO4)	12/12/72-04/07/75	29	13.	12.759	16.	8.	3.547	1.883	11.	12.	14.	15.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/12/72-04/15/74	17	0.24	0.224	0.4	0.05	0.014	0.116	0.058	0.1	0.3	0.4
00951	FLUORIDE, TOTAL (MG/L AS F)	05/13/74-06/10/74	2	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	12/12/72-06/10/74	19	5.2	5.268	6.6	4.2	0.431	0.657	4.2	4.9	5.7	6.4
01000	ARSENIC, DISSOLVED (UG/L AS AS)	04/03/76-04/03/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	04/16/73-04/03/76	6 ##	0.5	2.333	10.	0.5	14.467	3.804	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	04/03/76-04/03/76	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	04/03/76-04/03/76	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	04/03/76-04/03/76	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	04/16/73-04/03/76	6 ##	8.5	7.833	20.	0.	56.167	7.494	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	04/16/73-04/03/76	21	390.	542.381	2400.	180.	276459.048	525.794	206.	285.	510.	1442.
01046	IRON, DISSOLVED (UG/L AS FE)	04/03/76-04/03/76	1	60.	60.	60.	60.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	04/03/76-04/03/76	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	04/16/73-04/03/76	6	5.	9.	22.	2.	60.4	7.772	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	04/16/73-04/03/76	21	40.	83.333	600.	5.	17810.833	133.457	8.	30.	75.	264.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/03/76-04/03/76	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	04/03/76-04/03/76	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	04/03/76-04/03/76	1	30.	30.	30.	30.	0.	0.	**	**	**	**
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	12/12/72-06/10/74	19	0.02	0.026	0.06	0.	0.	0.012	0.02	0.02	0.03	0.04
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	12/12/72-04/15/74	17	46.	46.941	64.	38.	43.934	6.628	39.6	41.	50.	57.6
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	12/12/72-04/15/74	17	0.06	0.065	0.09	0.05	0.	0.01	0.05	0.06	0.07	0.082
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	03/29/76-03/29/76	1	32.	32.	32.	32.	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/13/74-04/07/75	12	0.01	0.011	0.03	0.005	0.	0.007	0.005	0.006	0.01	0.027
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	12/12/72-09/05/73	10	0.265	0.285	0.48	0.13	0.022	0.15	0.13	0.13	0.443	0.477
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	12/12/72-09/05/73	10	1.95	2.37	5.2	0.7	1.851	1.361	0.76	1.45	3.3	5.07
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	12/12/72-09/05/73	10	0.035	0.04	0.12	0.01	0.001	0.031	0.011	0.02	0.043	0.113
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	12/12/72-09/05/73	10	30.	83.	520.	0.	25356.667	159.238	1.	10.	60.	483.
71885	IRON (UG/L AS FE)	12/12/72-09/05/73	10	235.	224.	410.	90.	10315.556	101.566	91.	137.5	285.	402.
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/07/75-04/07/75	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	10/02/73-04/07/75	19	4.	4.395	10.	2.6	2.668	1.633	2.9	3.2	5.1	6.1
71900	MERCURY, TOTAL (UG/L AS HG)	04/16/73-10/28/74	5 ##	0.25	1.6	7.	0.25	9.113	3.019	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/29/76-03/29/76	1	59.	59.	59.	59.	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: SARA0028

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/20-2/29 Obs	9/20-2/29 Exceed	9/20-2/29 Prop.	3/01-4/30 Obs	3/01-4/30 Exceed	3/01-4/30 Prop.	5/01-6/30 Obs	5/01-6/30 Exceed	5/01-6/30 Prop.	7/01-9/19 Obs	7/01-9/19 Exceed	7/01-9/19 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	10	0	0.00	5	0	0.00	2	0	0.00				3	0	0.00
00400	PH	Other-Hi Lim.	9.	21	0	0.00	7	0	0.00	5	0	0.00	4	0	0.00	5	0	0.00
		Other-Lo Lim.	6.5	21	6	0.29	7	3	0.43	5	0	0.00	4	1	0.25	5	2	0.40
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	10	0	0.00	3	0	0.00	2	0	0.00	2	0	0.00	3	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	19	0	0.00	9	0	0.00	5	0	0.00	2	0	0.00	3	0	0.00
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	10	0	0.00	3	0	0.00	2	0	0.00	2	0	0.00	3	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	19	0	0.00	9	0	0.00	5	0	0.00	2	0	0.00	3	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	19	0	0.00	9	0	0.00	5	0	0.00	2	0	0.00	3	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	5	0	0.00							2	0	0.00	3	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	29	0	0.00	12	0	0.00	7	0	0.00	4	0	0.00	6	0	0.00
		Drinking Water	250.	29	0	0.00	12	0	0.00	7	0	0.00	4	0	0.00	6	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	29	0	0.00	12	0	0.00	7	0	0.00	4	0	0.00	6	0	0.00
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	17	0	0.00	7	0	0.00	5	0	0.00	2	0	0.00	3	0	0.00
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	2	0	0.00							2	0	0.00			
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00				1	0	0.00						
		Drinking Water	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

EPA Water Quality Criteria Analysis for Station: SARA0028

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/20-2/29 Obs	9/20-2/29 Exceed	9/20-2/29 Prop.	3/01-4/30 Obs	3/01-4/30 Exceed	3/01-4/30 Prop.	5/01-6/30 Obs	5/01-6/30 Exceed	5/01-6/30 Prop.	7/01-9/19 Obs	7/01-9/19 Exceed	7/01-9/19 Prop.
01002	ARSENIC, TOTAL	Fresh Acute	360.	6	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00
		Drinking Water	50.	6	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00				1	0	0.00						
		Drinking Water	5.	1	0	0.00				1	0	0.00						
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00				1	0	0.00						
		Drinking Water	5.	1	0	0.00				1	0	0.00						
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00				1	0	0.00						
		Drinking Water	1300.	1	0	0.00				1	0	0.00						
01042	COPPER, TOTAL	Fresh Acute	18.	6	1	0.17	1	0	0.00	2	0	0.00	1	0	0.00	2	1	0.50
		Drinking Water	1300.	6	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00				1	0	0.00						
		Drinking Water	15.	1	0	0.00				1	0	0.00						
01051	LEAD, TOTAL	Fresh Acute	82.	6	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00
		Drinking Water	15.	6	2	0.33	1	0	0.00	2	1	0.50	1	0	0.00	2	1	0.50
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00				1	0	0.00						
		Drinking Water	5000.	1	0	0.00				1	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						
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	10	0	0.00	3	0	0.00	2	0	0.00	2	0	0.00	3	0	0.00
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	10	0	0.00	3	0	0.00	2	0	0.00	2	0	0.00	3	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	5	1	0.20	1	0	0.00	1	0	0.00	1	0	0.00	2	1	0.50
		Drinking Water	2.	5	1	0.20	1	0	0.00	1	0	0.00	1	0	0.00	2	1	0.50

& - 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: SARA0029

NPS Station ID: SARA0029
LAT/LON: 43.167504/ -73.589448
Agency: 112WRD
Date Created: 05/21/88
Location: HUDSON RIVER NEAR FORT MILLER NY
FIPS State/County: 36115 NEW YORK/WASHINGTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 01328730
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02020003
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02020003
RF1 Mile Point: 0.000
Distance from RF1: 0.40
On/Off RF1:
RF3 Index: 02020003005504.45
RF3 Mile Point: 4.45
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: SARA0029

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/04/87-04/04/87	1	22.	22.	22.	22.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/09/86-09/28/90	24	8650.	9063.5	26600.	1850.	38580547.13	6211.324	2750.	3222.5	12480.	17800.
34671	PCB - 1016 TOTWUG/L	04/04/87-05/30/92	38	## 0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	04/04/87-05/30/92	38	## 0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	04/04/87-05/30/92	38	## 0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	10/09/86-05/30/92	41	## 0.05	0.053	0.17	0.03	0.	0.02	0.05	0.05	0.05	0.05
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	04/04/87-05/30/92	38	## 0.05	0.054	0.1	0.05	0.	0.014	0.05	0.05	0.05	0.055
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	04/04/87-05/30/92	38	## 0.05	0.048	0.05	0.02	0.	0.007	0.05	0.05	0.05	0.05
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	04/04/87-05/30/92	38	## 0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	10/09/86-09/01/89	34	0.03	0.037	0.17	0.005	0.001	0.033	0.005	0.018	0.05	0.075
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	06/13/86-09/28/90	61	5.	7.344	28.	1.	42.796	6.542	2.	3.	11.	18.4
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	10/09/86-12/18/87	7	170.	191.	416.	28.	26369.333	162.386	**	**	**	**

** - 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

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

Annual Analysis for 1986 - Station SARA0029

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	06/13/86-09/28/90	10	9.	11.7	23.	5.	40.9	6.395	5.	6.5	17.	22.7

** - 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 1987 - Station SARA0029

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	06/13/86-09/28/90	4	3.5	5.25	12.	2.	22.25	4.717	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 SARA0029

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	06/13/86-09/28/90	19	3.	4.632	14.	1.	13.135	3.624	1.	2.	7.	12.

** - Less than 9 observations ## - Computed with 50% or 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 SARA0029

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	06/13/86-09/28/90	10	5.	7.9	28.	2.	62.989	7.937	2.1	3.	12.	26.4

** - 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 1990 - Station SARA0029

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	06/13/86-09/28/90	18	4.5	7.944	26.	2.	57.232	7.565	2.	2.	12.5	22.4

** - 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

Station Inventory for Station: SARA0030

NPS Station ID: SARA0030 LAT/LON: 43.264448/ -73.591115 Agency: 21NYDECA Date Created: 02/18/89
Location: U.HUDSON R. IN FT.EDWARD @ RT.197 BR.(W.CHANNEL) FIPS State/County: 36115 NEW YORK/WASHINGTON
Station Type: /TYPA/AMBNT/STREAM/NET STORET Station ID(s): 11010194 /GS01327755
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02020003 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST Elevation: 0 Water Body Id: NY00000 U.HUDSON R. IN F
Minor Basin: UPP.HUDSON R. ECO Region:
RF1 Index: 02020003 RF1 Mile Point: 0.000 Distance from RF1: 1.70 On/Off RF1:
RF3 Index: 02020003005703.92 RF3 Mile Point: 7.26 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: SARA0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/65-12/08/87	64	9.5	10.727	26.	0.	76.404	8.741	0.	2.	19.	24.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/24/65-09/30/68	49	7.	9.959	53.	2.	104.873	10.241	3.	4.	9.5	20.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/29/65-12/08/87	62	77.5	82.145	155.	39.	632.028	25.14	53.3	60.5	99.	114.7
00300	OXYGEN, DISSOLVED MG/L	05/24/65-12/08/87	56	10.	9.584	18.9	2.4	12.775	3.574	4.82	6.45	12.35	13.66
00303	BOD, 1DAY, 20 DEG C MG/L	02/26/81-11/04/81	8	0.9	0.913	1.3	0.5	0.113	0.336	**	**	**	**
00305	BOD, 3 DAY, 20 DEG C MG/L	02/26/81-11/04/81	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	05/24/65-11/04/81	58	4.7	6.46	33.6	0.9	29.912	5.469	2.4	2.875	8.4	13.6
00315	BOD, 7 DAY, 20 DEG C MG/L	02/26/81-11/04/81	9	2.9	3.	4.8	1.7	0.95	0.975	1.7	2.2	3.65	4.8
00335	COD, .025N K2CR2O7 MG/L	03/29/65-10/07/81	57	23.7	32.507	95.6	4.1	517.475	22.748	11.98	15.5	43.65	65.08
00400	PH (STANDARD UNITS)	03/29/65-12/08/87	65	6.9	6.935	7.9	6.	0.197	0.444	6.26	6.7	7.25	7.54
00400	CONVERTED PH (STANDARD UNITS)	03/29/65-12/08/87	65	6.9	6.714	7.9	6.	0.246	0.496	6.26	6.7	7.25	7.54
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/29/65-12/08/87	65	0.126	0.193	1.	0.013	0.049	0.222	0.029	0.056	0.2	0.553
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/26/81-11/04/81	10	10.	9.5	13.	5.	6.278	2.506	5.2	7.	11.25	12.9
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/21/67-09/30/68	22	17.	16.955	24.	11.	14.426	3.798	11.3	14.	19.	23.7
00500	RESIDUE, TOTAL (MG/L)	03/29/65-12/08/87	54	122.	127.796	300.	30.	3615.524	60.129	49.5	88.75	155.	211.
00505	RESIDUE, TOTAL VOLATILE (MG/L)	04/30/87-12/08/87	6	33.	32.333	62.	8.	309.067	17.58	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	09/21/65-12/08/87	52	55.	57.692	191.	1.	1119.511	33.459	15.8	35.	74.75	94.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/21/65-11/04/81	55	18.	24.673	194.	2.	760.372	27.575	3.6	10.	30.	45.8
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/26/81-11/04/81	9	3.	3.778	9.	1.	5.194	2.279	1.	2.5	4.5	9.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	08/21/67-11/04/81	28	8.5	11.107	70.	1.	174.173	13.197	2.	3.	15.	19.5
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/21/65-09/30/68	46	0.38	0.386	1.26	0.	0.079	0.281	0.	0.183	0.535	0.749
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/29/65-12/08/87	64	0.457	0.477	1.66	0.	0.126	0.355	0.034	0.177	0.728	0.959
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/21/65-12/08/87	60	0.006	0.008	0.058	0.	0.	0.009	0.001	0.003	0.009	0.018
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/29/65-09/30/68	48	0.14	0.171	0.75	0.	0.027	0.163	0.001	0.04	0.24	0.431
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/26/81-12/08/87	10	0.44	0.524	1.	0.31	0.054	0.233	0.31	0.325	0.685	0.976
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/26/81-12/08/87	16	0.44	0.448	0.73	0.25	0.016	0.128	0.271	0.343	0.518	0.681
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/29/65-09/30/68	48	0.205	0.259	0.9	0.01	0.039	0.198	0.048	0.133	0.358	0.504
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	02/26/81-12/08/87	16	0.004	0.006	0.018	0.001	0.	0.005	0.001	0.002	0.008	0.018
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/29/65-12/08/87	54	26.	27.278	44.	17.	44.619	6.68	20.	22.	30.25	39.5
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/29/65-09/30/68	48	8.25	8.306	12.	6.1	1.701	1.304	6.58	7.3	8.975	9.68
00916	CALCIUM, TOTAL (MG/L AS CA)	04/30/87-12/08/87	6	11.	10.533	14.	6.2	9.147	3.024	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/21/65-09/30/68	46	0.45	0.653	2.3	0.	0.51	0.714	0.	0.	1.225	1.73
00927	MAGNESIUM, TOTAL (MG/L AS MG)	04/30/87-12/08/87	6	1.2	1.25	1.5	1.1	0.031	0.176	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/29/65-09/30/68	48	8.	9.55	33.	0.6	60.333	7.767	2.	3.	12.9	22.82
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/29/65-09/30/68	48	0.5	0.553	1.3	0.01	0.11	0.331	0.181	0.3	0.8	1.
00940	CHLORIDE,TOTAL IN WATER MG/L	02/26/81-11/04/81	10	4.5	4.8	9.	3.	3.956	1.989	3.	3.	6.	8.7
00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/29/65-09/16/68	47	7.	7.064	19.	2.	15.974	3.997	2.	4.	9.	13.2
00945	SULFATE, TOTAL (MG/L AS SO4)	09/21/65-09/30/68	46	16.	16.043	36.	5.	32.22	5.676	9.4	13.	19.25	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 time series plot

Parameter Inventory for Station: SARA0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	01/08/87-12/08/87	14	185.	208.571	480.	120.	8951.648	94.613	120.	150.	235.	390.
01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/28/87-09/22/87	2	1.	1.	1.	1.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/28/87-09/22/87	2	2.	2.	2.	2.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	03/29/65-09/30/68	48	285.	337.083	1050.	60.	62459.397	249.919	89.	172.5	387.5	840.
01055	MANGANESE, TOTAL (UG/L AS MN)	03/29/65-09/30/68	48	30.	38.125	180.	0.	1330.452	36.475	0.	10.	47.5	91.
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	01/08/87-12/08/87	12	3.5	7.25	50.	1.	183.477	13.545	1.3	2.25	4.	37.1
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/28/87-09/22/87	2	20.	20.	30.	10.	200.	14.142	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	01/08/87-12/08/87	7	20.	25.714	50.	10.	228.571	15.119	**	**	**	**
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	01/08/87-03/27/87	8	80.	112.5	270.	20.	6650.	81.548	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	01/08/87-12/08/87	4 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	01/08/87-12/08/87	4	10.	19.5	50.	8.	414.333	20.355	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	01/08/87-12/08/87	14	6.	8.071	20.	3.	26.225	5.121	3.5	5.	10.	19.
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	01/08/87-12/08/87	14	30.	33.571	80.	10.	240.11	15.495	15.	30.	40.	60.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/24/65-12/08/87	57	6100.	18934.912	244000.	100.	1580800796.867	39759.286	568.	1850.	14000.	48800.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/24/65-12/08/87	57	3.785	3.744	5.387	2.	0.507	0.712	2.751	3.266	4.145	4.686
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			5541.365								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/24/67-09/30/68	6	4500.	17283.333	63000.	1700.	603925666.667	24574.899	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/24/67-09/30/68	6	3.581	3.823	4.799	3.23	0.443	0.666	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			6655.402								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	02/26/81-12/08/87	12	1410.	1719.167	4000.	210.	1346735.606	1160.489	267.	1050.	2850.	3760.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	02/26/81-12/08/87	12	3.149	3.122	3.602	2.322	0.134	0.366	2.406	3.02	3.443	3.573
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1323.21								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	08/01/72-08/01/72	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/30/87-12/08/87	6	80.5	71.	87.	40.	413.2	20.327	**	**	**	**
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	02/26/81-12/08/87	16	0.02	0.024	0.04	0.01	0.	0.011	0.01	0.013	0.03	0.04
71900	MERCURY, TOTAL (UG/L AS HG)	01/08/87-12/08/87	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
74069	FLOW, ESTIMATED STREAM CFS	01/08/87-12/08/87	14	4075.	4695.	14200.	2280.	8179580.769	2859.997	2625.	3317.5	4725.	9855.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	02/26/81-12/08/87	16	1.	1.413	5.	0.6	1.111	1.054	0.67	0.9	1.65	3.04

** - 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 time series plot

EPA Water Quality Criteria Analysis for Station: SARA0030

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/20-2/29 Obs	9/20-2/29 Exceed	9/20-2/29 Prop.	3/01-4/30 Obs	3/01-4/30 Exceed	3/01-4/30 Prop.	5/01-6/30 Obs	5/01-6/30 Exceed	5/01-6/30 Prop.	7/01-9/19 Obs	7/01-9/19 Exceed	7/01-9/19 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	49	1	0.02	22	1	0.05	8	0	0.00	8	0	0.00	11	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	56	4	0.07	24	0	0.00	9	0	0.00	11	0	0.00	12	4	0.33
00400	PH	Other-Hi Lim.	9.	65	0	0.00	26	0	0.00	16	0	0.00	11	0	0.00	12	0	0.00
		Other-Lo Lim.	6.5	65	12	0.18	26	4	0.15	16	1	0.06	11	0	0.00	12	7	0.58
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	60	0	0.00	23	0	0.00	10	0	0.00	12	0	0.00	15	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	48	0	0.00	20	0	0.00	8	0	0.00	9	0	0.00	11	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	16	0	0.00	5	0	0.00	3	0	0.00	4	0	0.00	4	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	10	0	0.00	3	0	0.00	2	0	0.00	2	0	0.00	3	0	0.00
		Drinking Water	250.	10	0	0.00	3	0	0.00	2	0	0.00	2	0	0.00	3	0	0.00
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	47	0	0.00	19	0	0.00	8	0	0.00	9	0	0.00	11	0	0.00
		Drinking Water	250.	47	0	0.00	19	0	0.00	8	0	0.00	9	0	0.00	11	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	46	0	0.00	20	0	0.00	7	0	0.00	8	0	0.00	11	0	0.00
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	2	0	0.00	1	0	0.00							1	0	0.00
		Drinking Water	5.	2	0	0.00	1	0	0.00							1	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	2	0	0.00	1	0	0.00							1	0	0.00
		Drinking Water	1300.	2	0	0.00	1	0	0.00							1	0	0.00
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Fresh Acute	1400.	12	0	0.00	4	0	0.00	7	0	0.00				1	0	0.00
		Drinking Water	100.	12	0	0.00	4	0	0.00	7	0	0.00				1	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	2	0	0.00	1	0	0.00							1	0	0.00
		Drinking Water	5000.	2	0	0.00	1	0	0.00							1	0	0.00
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Fresh Acute	120.	7	0	0.00	1	0	0.00	4	0	0.00	1	0	0.00	1	0	0.00
		Drinking Water	5000.	7	0	0.00	1	0	0.00	4	0	0.00	1	0	0.00	1	0	0.00
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Fresh Acute	3.9	0 &	0	0.00												
		Drinking Water	5.	0 &	0	0.00												
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Fresh Acute	82.	4	0	0.00				2	0	0.00	2	0	0.00			
		Drinking Water	15.	3 &	0	0.00				1	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

EPA Water Quality Criteria Analysis for Station: SARA0030

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/20-2/29 Obs	9/20-2/29 Exceed	9/20-2/29 Prop.	3/01-4/30 Obs	3/01-4/30 Exceed	3/01-4/30 Prop.	5/01-6/30 Obs	5/01-6/30 Exceed	5/01-6/30 Prop.	7/01-9/19 Obs	7/01-9/19 Exceed	7/01-9/19 Prop.
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Fresh Acute	18.	14	2	0.14	4	0	0.00	7	1	0.14	2	0	0.00	1	1	1.00
		Drinking Water	1300.	14	0	0.00	4	0	0.00	7	0	0.00	2	0	0.00	1	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	57	50	0.88	26	26	1.00	10	8	0.80	13	9	0.69	8	7	0.88
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	6	6	1.00	1	1	1.00							5	5	1.00
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	12	12	1.00	4	4	1.00	1	1	1.00	4	4	1.00	3	3	1.00
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						
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	16	0	0.00	5	0	0.00	3	0	0.00	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

Annual Analysis for 1965 - Station SARA0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/65-12/08/87	6	11.	11.5	19.	3.	38.3	6.189	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/29/65-12/08/87	6	92.	85.667	99.	66.	243.467	15.603	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	03/29/65-10/07/81	7	35.3	47.271	95.6	17.7	800.632	28.295	**	**	**	**
00400	PH (STANDARD UNITS)	03/29/65-12/08/87	7	6.7	6.657	7.	6.2	0.076	0.276	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/29/65-12/08/87	7	6.7	6.579	7.	6.2	0.083	0.289	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/29/65-12/08/87	7	0.2	0.264	0.631	0.1	0.034	0.183	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/21/65-11/04/81	5	13.	19.	55.	3.	423.5	20.579	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/29/65-12/08/87	7	0.02	0.227	0.897	0.	0.119	0.345	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/21/65-12/08/87	5	0.003	0.004	0.007	0.001	0.	0.003	**	**	**	**

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

Annual Analysis for 1966 - Station SARA0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/65-12/08/87	12	10.	11.333	24.	0.	74.424	8.627	0.3	2.5	19.	24.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/29/65-12/08/87	11	59.	68.545	115.	39.	663.273	25.754	40.8	48.	84.	114.8
00335	COD, .025N K2CR2O7 MG/L	03/29/65-10/07/81	12	28.3	42.05	95.6	12.1	943.857	30.722	12.19	16.325	66.	94.28
00400	PH (STANDARD UNITS)	03/29/65-12/08/87	12	6.75	6.708	7.3	6.	0.215	0.464	6.	6.225	7.075	7.3
00400	CONVERTED PH (STANDARD UNITS)	03/29/65-12/08/87	12	6.747	6.476	7.3	6.	0.274	0.524	6.	6.225	7.075	7.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/29/65-12/08/87	12	0.179	0.334	1.	0.05	0.136	0.369	0.05	0.085	0.659	1.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/21/65-11/04/81	12	22.5	25.	71.	6.	301.455	17.362	7.2	14.	29.75	61.7
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/29/65-12/08/87	12	0.525	0.574	1.12	0.	0.111	0.334	0.082	0.313	0.888	1.09
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/21/65-12/08/87	12	0.004	0.005	0.011	0.	0.	0.004	0.	0.003	0.009	0.01

** - Less than 9 observations ## - Computed with 50% or 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 SARA0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/65-12/08/87	12	7.	9.333	24.	0.	87.697	9.365	0.	1.	19.75	23.4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/29/65-12/08/87	12	77.	78.5	106.	54.	313.727	17.712	54.3	64.5	94.25	105.7
00335	COD, .025N K2CR2O7 MG/L	03/29/65-10/07/81	12	30.15	26.775	41.5	8.1	138.537	11.77	8.7	13.975	37.075	40.9
00400	PH (STANDARD UNITS)	03/29/65-12/08/87	12	6.85	7.05	7.9	6.6	0.206	0.454	6.63	6.7	7.4	7.87
00400	CONVERTED PH (STANDARD UNITS)	03/29/65-12/08/87	12	6.847	6.895	7.9	6.6	0.232	0.482	6.63	6.7	7.4	7.87
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/29/65-12/08/87	12	0.142	0.127	0.251	0.013	0.007	0.082	0.014	0.04	0.2	0.236
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/21/65-11/04/81	12	18.	22.417	47.	2.	199.538	14.126	4.1	12.5	37.75	44.9
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/29/65-12/08/87	12	0.751	0.744	1.106	0.428	0.051	0.226	0.442	0.496	0.933	1.078
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/21/65-12/08/87	12	0.007	0.005	0.013	0.	0.	0.004	0.	0.003	0.007	0.012

** - Less than 9 observations ## - Computed with 50% or 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 SARA0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/65-12/08/87	20	14.	12.25	25.	0.	89.25	9.447	0.	0.5	20.75	23.8
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/29/65-12/08/87	17	74.	84.941	155.	51.	1068.434	32.687	54.2	58.5	116.	140.6
00335	COD, .025N K2CR2O7 MG/L	03/29/65-10/07/81	17	20.8	30.712	64.5	4.1	437.576	20.918	8.74	13.55	55.9	61.94
00400	PH (STANDARD UNITS)	03/29/65-12/08/87	20	6.9	6.795	7.4	6.2	0.137	0.371	6.21	6.4	7.075	7.2
00400	CONVERTED PH (STANDARD UNITS)	03/29/65-12/08/87	20	6.9	6.645	7.4	6.2	0.161	0.401	6.21	6.4	7.075	7.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/29/65-12/08/87	20	0.126	0.226	0.631	0.04	0.038	0.194	0.063	0.085	0.398	0.618
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/21/65-11/04/81	17	27.	37.647	194.	13.	1714.243	41.403	15.4	21.	35.5	76.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/29/65-12/08/87	17	0.574	0.62	1.66	0.214	0.113	0.337	0.264	0.406	0.756	1.116

** - Less than 9 observations ## - Computed with 50% or 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 SARA0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/21/65-12/08/87	17	0.005	0.008	0.025	0.	0.	0.008	0.001	0.002	0.012	0.023

** - Less than 9 observations ## - Computed with 50% or 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 SARA0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/29/65-12/08/87	10	88.	85.3	106.	53.	300.9	17.346	54.5	68.75	100.	105.7
00335	COD, .025N K2CR2O7 MG/L	03/29/65-10/07/81	9	17.	19.333	42.4	12.6	79.69	8.927	12.6	15.	19.5	42.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/21/65-11/04/81	9	4.	5.889	17.	2.	20.861	4.567	2.	3.	7.	17.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/29/65-12/08/87	10	0.115	0.133	0.24	0.055	0.004	0.064	0.056	0.09	0.198	0.238
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/21/65-12/08/87	10	0.007	0.009	0.021	0.005	0.	0.005	0.005	0.006	0.011	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 box-and-whisker plot

Annual Analysis for 1987 - Station SARA0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/65-12/08/87	14	5.	8.893	26.	0.	78.315	8.85	0.	2.	15.5	25.75
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/29/65-12/08/87	6	100.5	97.667	137.	68.	700.667	26.47	**	**	**	**
00400	PH (STANDARD UNITS)	03/29/65-12/08/87	14	7.325	7.368	7.75	7.1	0.043	0.206	7.125	7.188	7.6	7.675
00400	CONVERTED PH (STANDARD UNITS)	03/29/65-12/08/87	14	7.324	7.326	7.75	7.1	0.044	0.211	7.125	7.187	7.6	7.675
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/29/65-12/08/87	14	0.047	0.047	0.079	0.018	0.	0.02	0.021	0.025	0.065	0.075
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/29/65-12/08/87	6	0.158	0.212	0.6	0.027	0.048	0.219	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/21/65-12/08/87	4	0.027	0.03	0.058	0.007	0.	0.022	**	**	**	**

** - 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

Seasonal Analysis for Season #1: 9/20 to 2/29 - Station SARA0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/65-12/08/87	26	1.5	5.615	19.	0.	42.966	6.555	0.	0.	11.	16.6
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/29/65-12/08/87	23	70.	76.739	124.	48.	431.747	20.779	50.	66.	86.	113.4
00300p	OXYGEN, DISSOLVED MG/L	05/24/65-12/08/87	24	12.	11.029	18.9	5.2	9.639	3.105	6.	8.9	12.75	14.5
00310p	BOD, 5 DAY, 20 DEG C MG/L	05/24/65-11/04/81	24	5.65	7.142	33.6	1.6	41.667	6.455	2.45	4.1	8.05	13.4
00335p	COD, .025N K2CR2O7 MG/L	03/29/65-10/07/81	22	31.75	34.777	95.6	4.1	567.792	23.828	8.7	14.35	53.9	69.78
00400p	PH (STANDARD UNITS)	03/29/65-12/08/87	26	6.9	6.965	7.9	6.2	0.179	0.423	6.44	6.7	7.3	7.59
00400p	CONVERTED PH (STANDARD UNITS)	03/29/65-12/08/87	26	6.9	6.792	7.9	6.2	0.211	0.459	6.44	6.7	7.3	7.59
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/29/65-12/08/87	26	0.126	0.162	0.631	0.013	0.022	0.148	0.027	0.05	0.2	0.372
00500p	RESIDUE, TOTAL (MG/L)	03/29/65-12/08/87	22	115.5	117.091	285.	38.	3236.753	56.892	39.3	74.75	151.25	181.9
00510p	RESIDUE, TOTAL FIXED (MG/L)	09/21/65-12/08/87	22	49.	61.	191.	1.	2068.286	45.478	7.7	28.5	90.	120.5
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/21/65-11/04/81	22	16.	27.727	194.	2.	1568.494	39.604	3.9	12.25	31.	52.6
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/29/65-12/08/87	25	0.476	0.458	1.106	0.	0.126	0.354	0.006	0.087	0.776	0.93
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/21/65-12/08/87	23	0.005	0.006	0.018	0.	0.	0.004	0.	0.002	0.008	0.013
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	03/29/65-12/08/87	22	26.	27.682	44.	20.	40.132	6.335	20.6	24.	30.5	39.1
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/24/65-12/08/87	26	6150.	15361.538	118000.	1300.	581983261.538	24124.329	1670.	3900.	17750.	38300.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/24/65-12/08/87	26	3.789	3.884	5.072	3.114	0.243	0.493	3.223	3.591	4.244	4.58
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			7652.688								

** - Less than 9 observations ## - Computed 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: 3/01 to 4/30 - Station SARA0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/65-12/08/87	15	5.	5.267	11.	0.	11.781	3.432	0.6	2.	9.	10.4
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/29/65-12/08/87	11	59.	69.	106.	39.	450.6	21.227	42.2	56.	82.	106.
00300p	OXYGEN, DISSOLVED MG/L	05/24/65-12/08/87	9	13.1	12.6	14.6	10.7	2.028	1.424	10.7	11.	13.7	14.6
00310p	BOD, 5 DAY, 20 DEG C MG/L	05/24/65-11/04/81	10	2.85	5.25	21.6	2.2	35.289	5.94	2.2	2.35	5.475	20.13
00335p	COD, .025N K2CR2O7 MG/L	03/29/65-10/07/81	10	18.6	19.78	37.2	9.9	56.24	7.499	10.28	14.675	23.125	35.89
00400p	PH (STANDARD UNITS)	03/29/65-12/08/87	16	7.175	7.144	7.6	6.4	0.08	0.283	6.68	7.	7.35	7.46
00400p	CONVERTED PH (STANDARD UNITS)	03/29/65-12/08/87	16	7.174	7.037	7.6	6.4	0.092	0.304	6.68	7.	7.35	7.46
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/29/65-12/08/87	16	0.067	0.092	0.398	0.025	0.008	0.088	0.035	0.045	0.1	0.23
00500p	RESIDUE, TOTAL (MG/L)	03/29/65-12/08/87	9	115.	100.889	180.	30.	2243.111	47.361	30.	59.	132.5	180.
00510p	RESIDUE, TOTAL FIXED (MG/L)	09/21/65-12/08/87	8	55.	49.875	75.	4.	412.125	20.301	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/21/65-11/04/81	9	21.	20.778	34.	4.	111.194	10.545	4.	11.	29.5	34.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/29/65-12/08/87	11	0.426	0.39	0.77	0.02	0.054	0.232	0.04	0.22	0.586	0.734
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/21/65-12/08/87	10	0.005	0.006	0.018	0.	0.	0.005	0.	0.002	0.009	0.017
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	03/29/65-12/08/87	9	23.	23.889	35.	18.	34.111	5.84	18.	18.5	28.	35.
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/24/65-12/08/87	10	2900.	4214.	11000.	440.	14602848.889	3821.367	456.	900.	7750.	10720.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/24/65-12/08/87	10	3.395	3.395	4.041	2.643	0.265	0.515	2.657	2.945	3.889	4.029
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2485.158								

** - 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

Seasonal Analysis for Season #3: 5/01 to 6/30 - Station SARA0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/65-12/08/87	11	18.	17.136	25.5	9.	21.305	4.616	9.6	14.	20.	24.6
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/29/65-12/08/87	13	72.	78.462	137.	51.	667.103	25.828	51.8	56.5	99.	124.6
00300p	OXYGEN, DISSOLVED MG/L	05/24/65-12/08/87	11	9.6	8.9	11.6	6.	4.194	2.048	6.04	7.	10.4	11.54
00310p	BOD, 5 DAY, 20 DEG C MG/L	05/24/65-11/04/81	10	3.25	3.97	8.4	0.9	5.322	2.307	1.07	2.6	5.175	8.31
00335p	COD, .025N K2CR2O7 MG/L	03/29/65-10/07/81	11	20.	20.918	35.3	11.5	76.198	8.729	11.72	12.9	29.6	35.04
00400p	PH (STANDARD UNITS)	03/29/65-12/08/87	11	6.9	7.014	7.75	6.6	0.132	0.363	6.62	6.8	7.2	7.72
00400p	CONVERTED PH (STANDARD UNITS)	03/29/65-12/08/87	11	6.9	6.911	7.75	6.6	0.144	0.379	6.62	6.8	7.2	7.72
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/29/65-12/08/87	11	0.126	0.123	0.251	0.018	0.005	0.07	0.019	0.063	0.158	0.241
00500p	RESIDUE, TOTAL (MG/L)	03/29/65-12/08/87	11	102.	122.364	225.	42.	3044.255	55.175	46.8	91.	155.	219.4

** - 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: 5/01 to 6/30 - Station SARA0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00510p	RESIDUE, TOTAL FIXED (MG/L)	09/21/65-12/08/87	10	58.5	50.1	74.	13.	418.989	20.469	14.3	32.75	66.	73.8
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/21/65-11/04/81	10	20.	18.9	37.	3.	122.322	11.06	3.3	8.25	26.25	36.3
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/29/65-12/08/87	13	0.386	0.393	0.916	0.	0.062	0.248	0.04	0.195	0.566	0.79
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/21/65-12/08/87	12	0.007	0.014	0.058	0.003	0.	0.016	0.003	0.005	0.014	0.051
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	03/29/65-12/08/87	11	22.	25.727	41.	17.	42.218	6.498	18.	22.	30.	38.8
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/24/65-12/08/87	13	2800.	10034.615	60000.	200.	271608076.923	16480.536	200.	575.	14000.	44800.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/24/65-12/08/87	13	3.447	3.467	4.778	2.301	0.63	0.793	2.301	2.724	4.145	4.604
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2929.334								

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

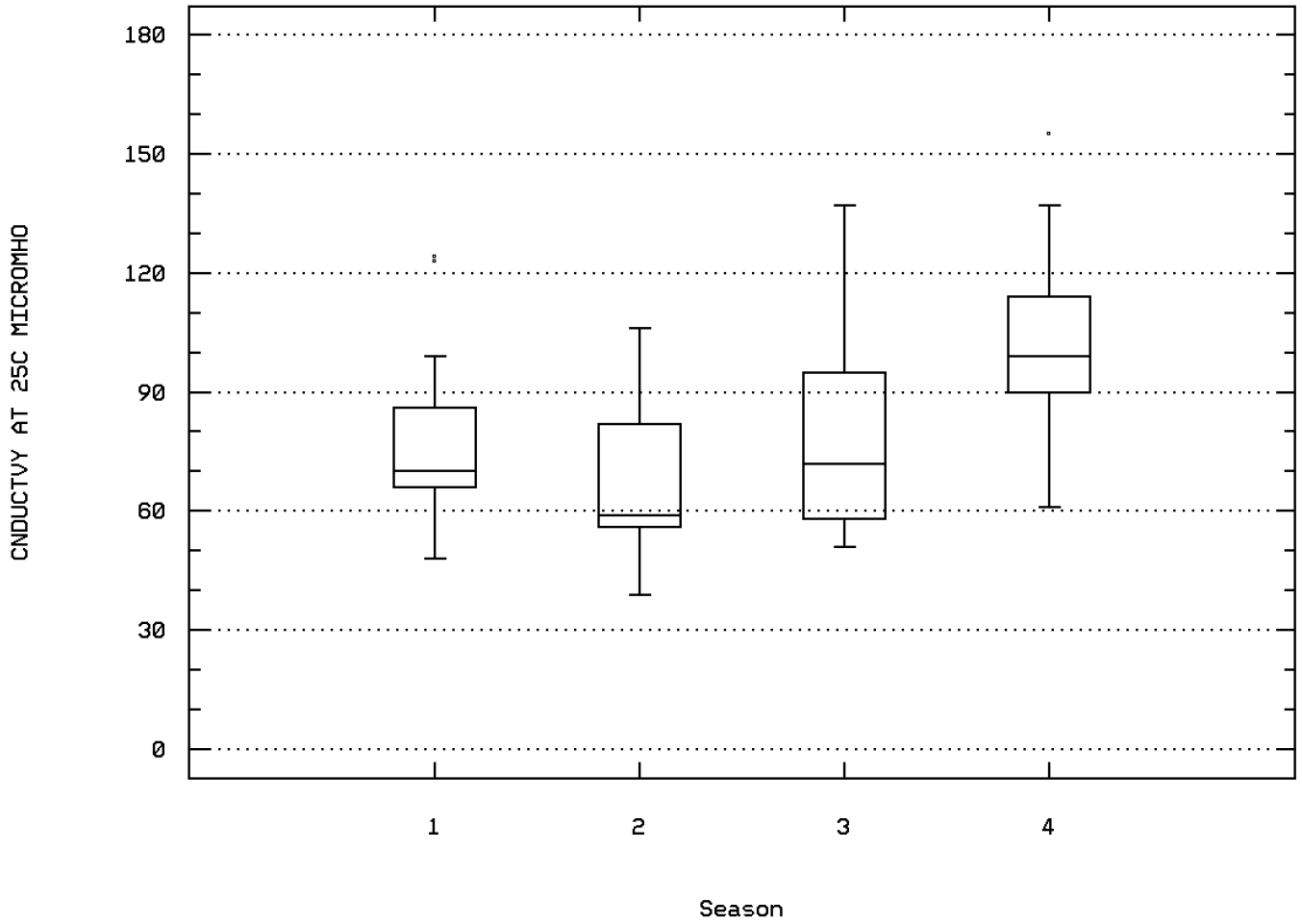
Seasonal Analysis for Season #4: 7/01 to 9/19 - Station SARA0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/65-12/08/87	12	23.	22.75	26.	19.	4.386	2.094	19.3	21.25	24.	25.7
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/29/65-12/08/87	15	99.	103.267	155.	61.	507.352	22.524	74.8	90.	114.	144.2
00300p	OXYGEN, DISSOLVED MG/L	05/24/65-12/08/87	12	5.1	5.058	8.2	2.4	3.623	1.903	2.52	3.4	6.425	8.14
00310p	BOD, 5 DAY, 20 DEG C MG/L	05/24/65-11/04/81	14	9.	7.936	15.2	2.5	20.219	4.497	2.7	3.675	11.35	14.4
00335p	COD, .025N K2CR2O7 MG/L	03/29/65-10/07/81	14	49.25	47.136	95.6	14.2	736.95	27.147	15.1	17.675	62.475	93.4
00400p	PH (STANDARD UNITS)	03/29/65-12/08/87	12	6.4	6.517	7.6	6.	0.245	0.495	6.	6.125	6.775	7.48
00400p	CONVERTED PH (STANDARD UNITS)	03/29/65-12/08/87	12	6.4	6.335	7.6	6.	0.281	0.53	6.	6.125	6.775	7.48
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/29/65-12/08/87	12	0.398	0.462	1.	0.025	0.119	0.345	0.037	0.169	0.753	1.
00500p	RESIDUE, TOTAL (MG/L)	03/29/65-12/08/87	12	164.5	172.583	300.	103.	3802.811	61.667	103.6	113.5	221.	283.5
00510p	RESIDUE, TOTAL FIXED (MG/L)	09/21/65-12/08/87	12	59.	63.167	102.	26.	485.424	22.032	30.5	46.25	79.	99.3
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/21/65-11/04/81	14	24.	26.5	71.	2.	416.115	20.399	2.5	8.5	41.25	59.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/29/65-12/08/87	15	0.7	0.647	1.66	0.041	0.218	0.467	0.049	0.214	1.012	1.336
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/21/65-12/08/87	15	0.007	0.009	0.025	0.	0.	0.008	0.001	0.004	0.011	0.023
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	03/29/65-12/08/87	12	30.5	30.5	42.	21.	51.727	7.192	21.3	23.	37.75	41.4
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/24/65-12/08/87	8	25700.	63412.5	244000.	100.	7318521250.	85548.356	**	**	**	**
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/24/65-12/08/87	8	4.256	4.173	5.387	2.	1.171	1.082	**	**	**	**
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			14899.849								

** - Less than 9 observations ## - Computed 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: SARA0030 Parameter Code: 00095

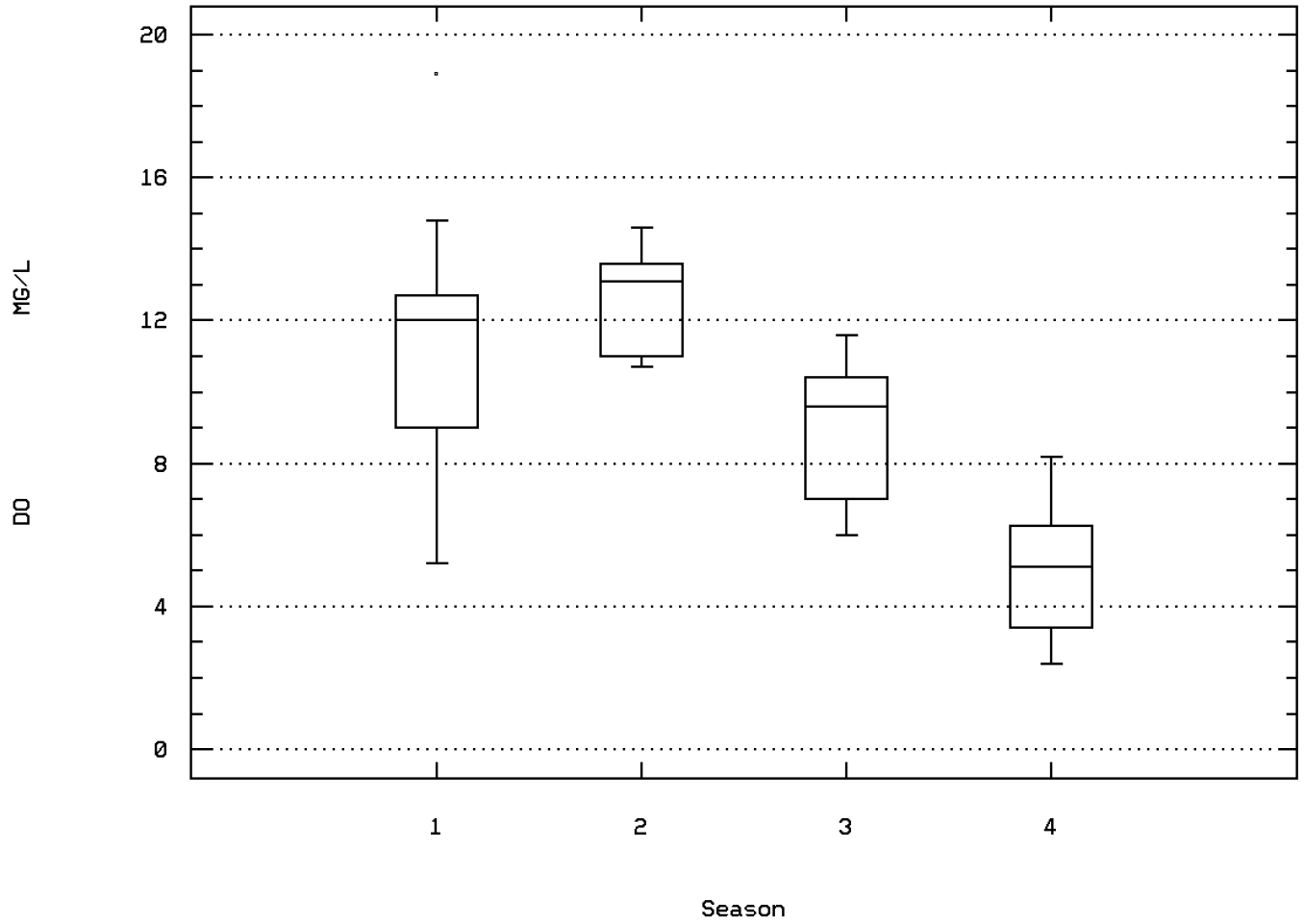
SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)



U.HUDSON R. IN FT.EDWARD @ RT.197 BR.(W

Station: SARA0030 Parameter Code: 00300

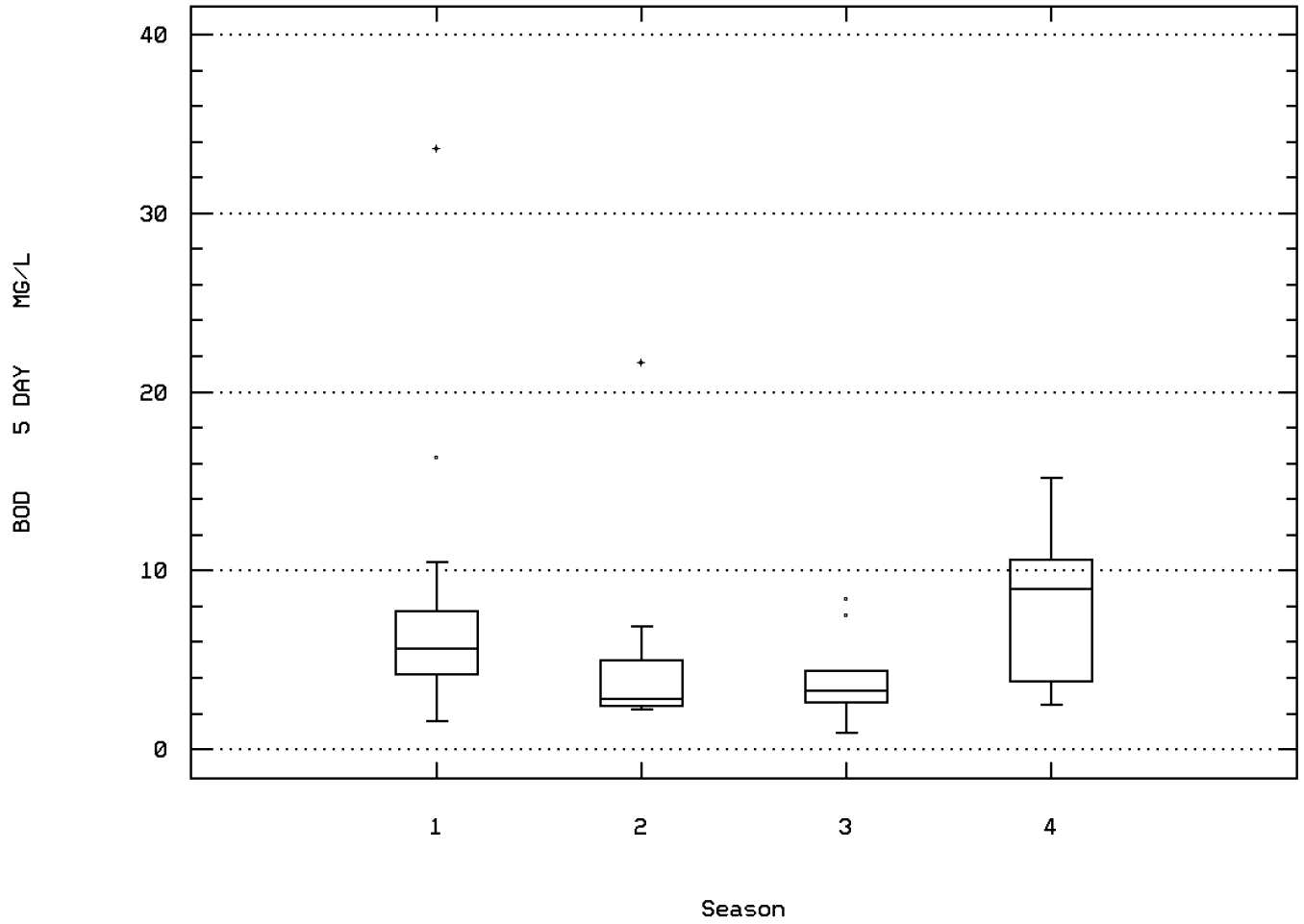
OXYGEN, DISSOLVED



U.HUDSON R. IN FT.EDWARD @ RT.197 BR.(W

Station: SARA0030 Parameter Code: 00310

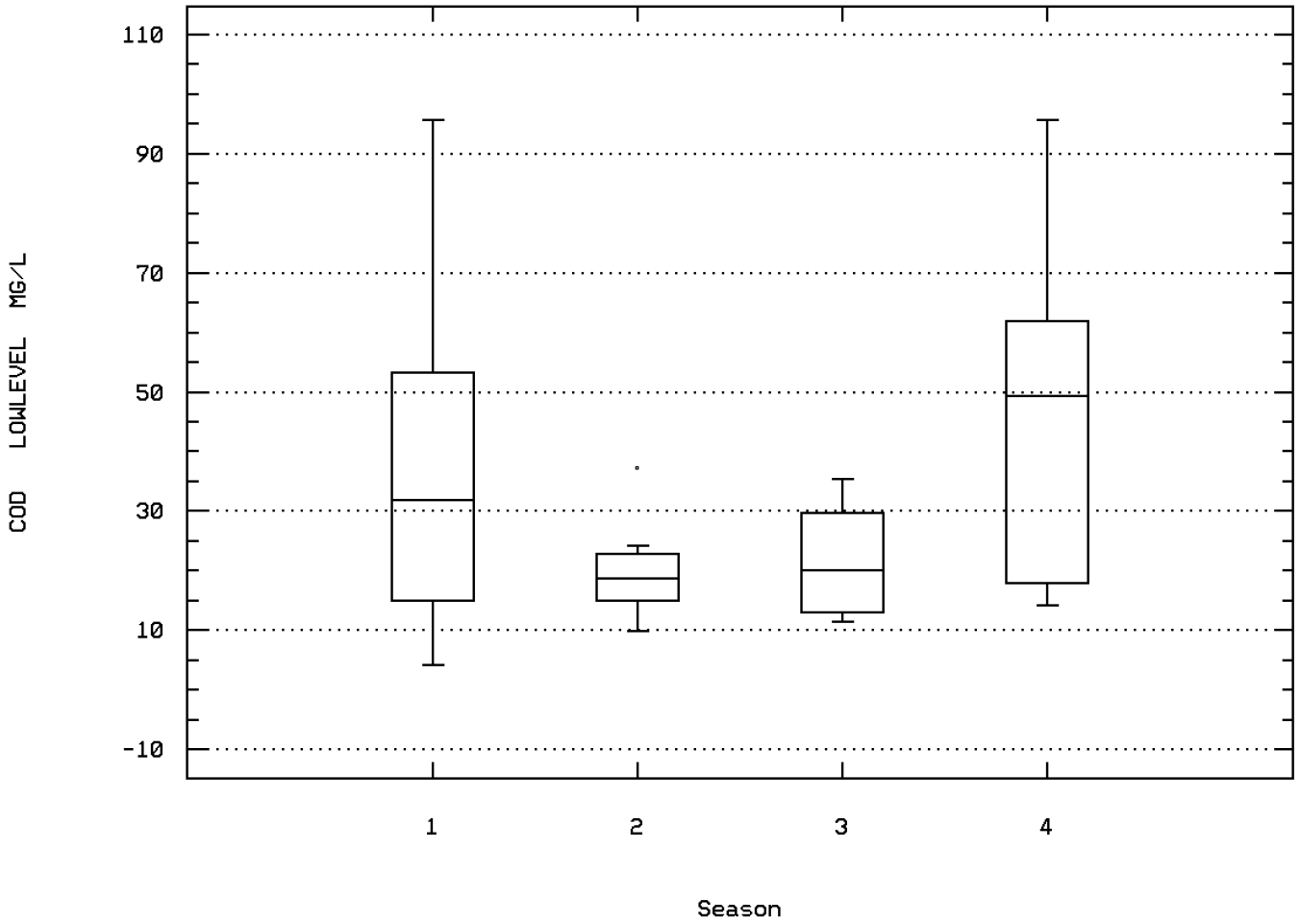
BOD, 5 DAY, 20 DEG C



U.HUDSON R. IN FT.EDWARD @ RT.197 BR.(W

Station: SARA0030 Parameter Code: 00335

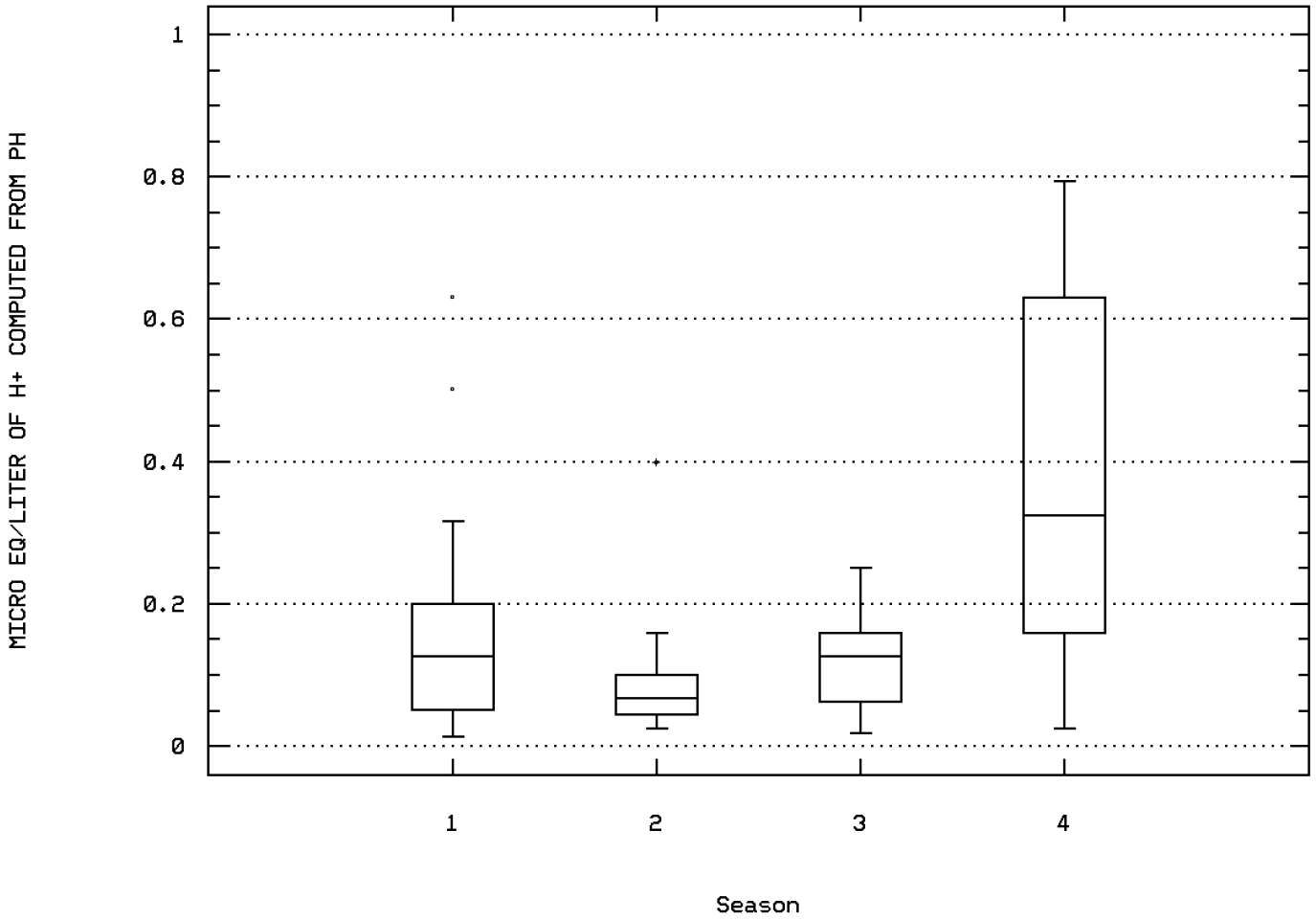
COD, .025N K2CR207



U.HUDSON R. IN FT.EDWARD @ RT.197 BR.(W

Station: SARA0030 Parameter Code: 00400

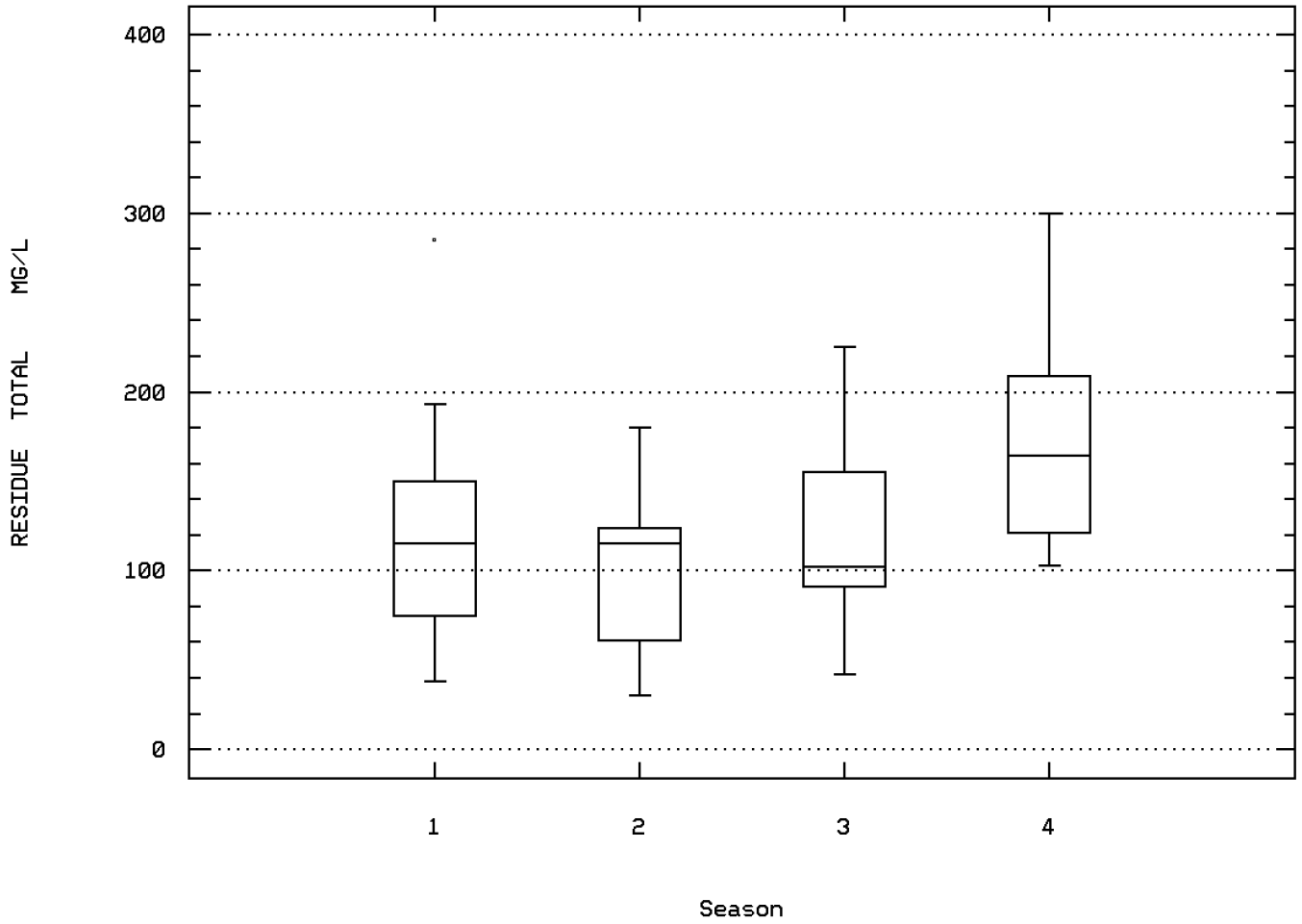
MICRO EQ/LITER OF H+ COMPUTED FROM PH



U.HUDSON R. IN FT.EDWARD @ RT.197 BR.(W

Station: SARA0030 Parameter Code: 00500

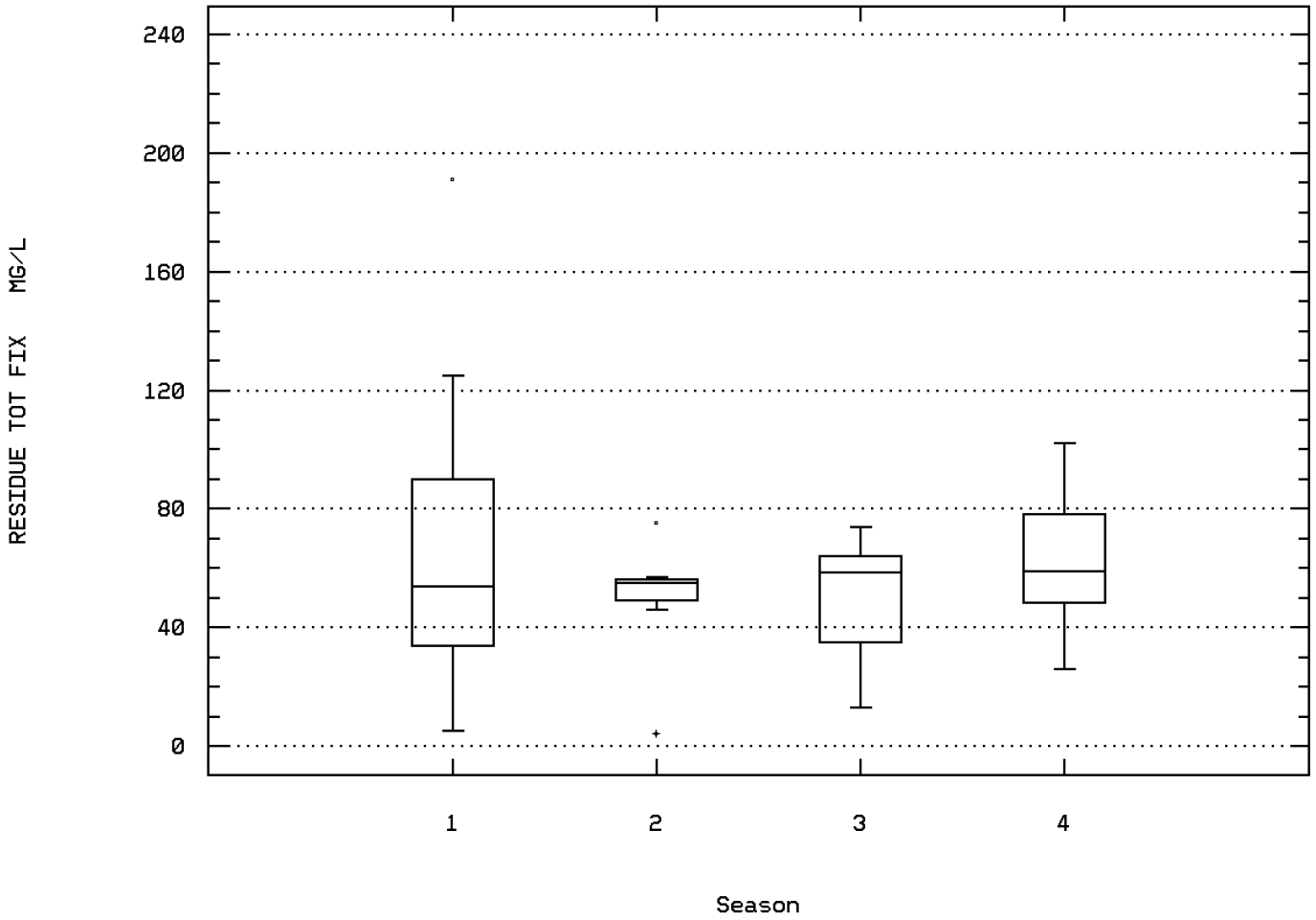
RESIDUE, TOTAL (MG/L)



U.HUDSON R. IN FT.EDWARD @ RT.197 BR.(W

Station: SARA0030 Parameter Code: 00510

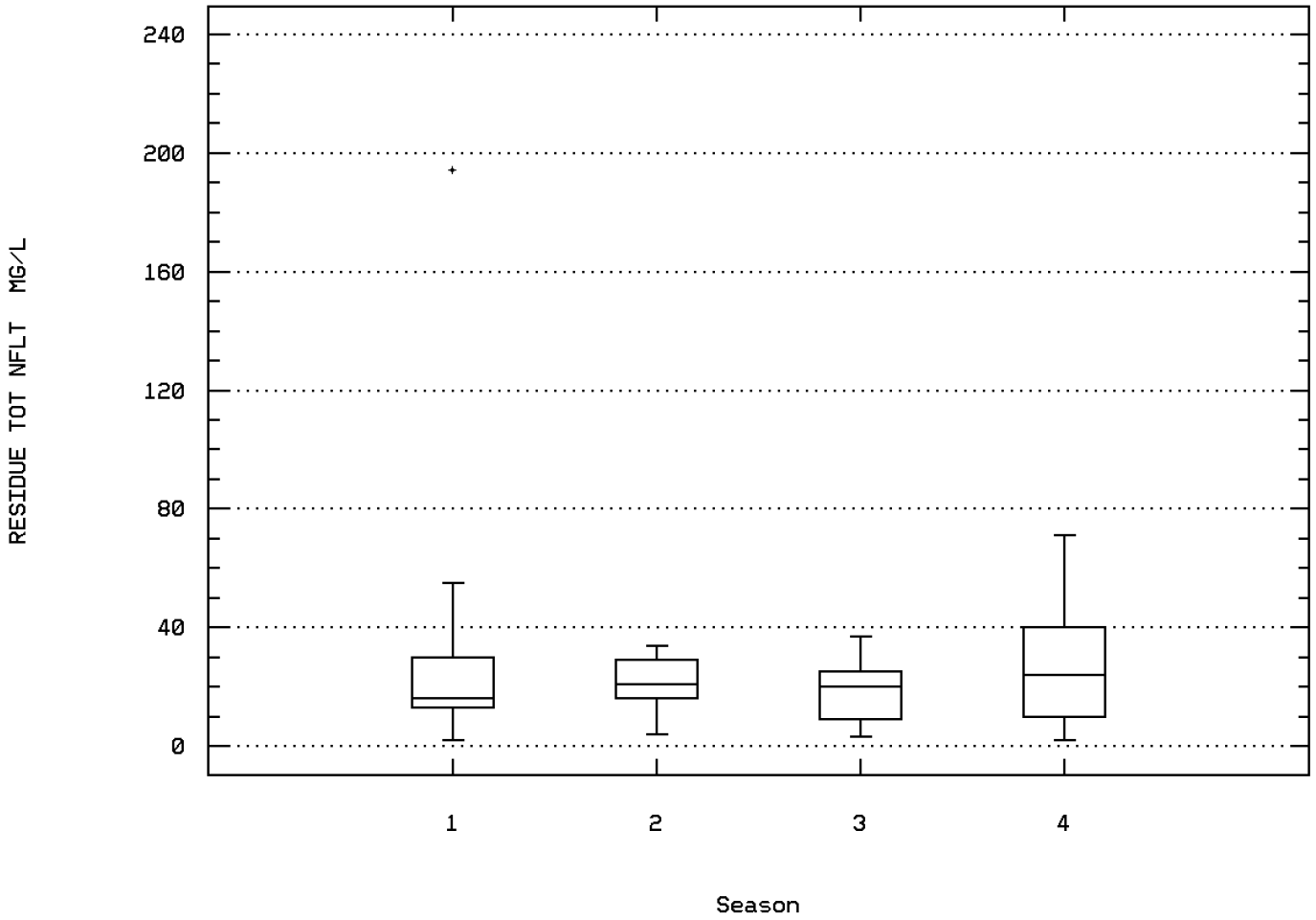
RESIDUE, TOTAL FIXED (MG/L)



U.HUDSON R. IN FT.EDWARD @ RT.197 BR.(W

Station: SARA0030 Parameter Code: 00530

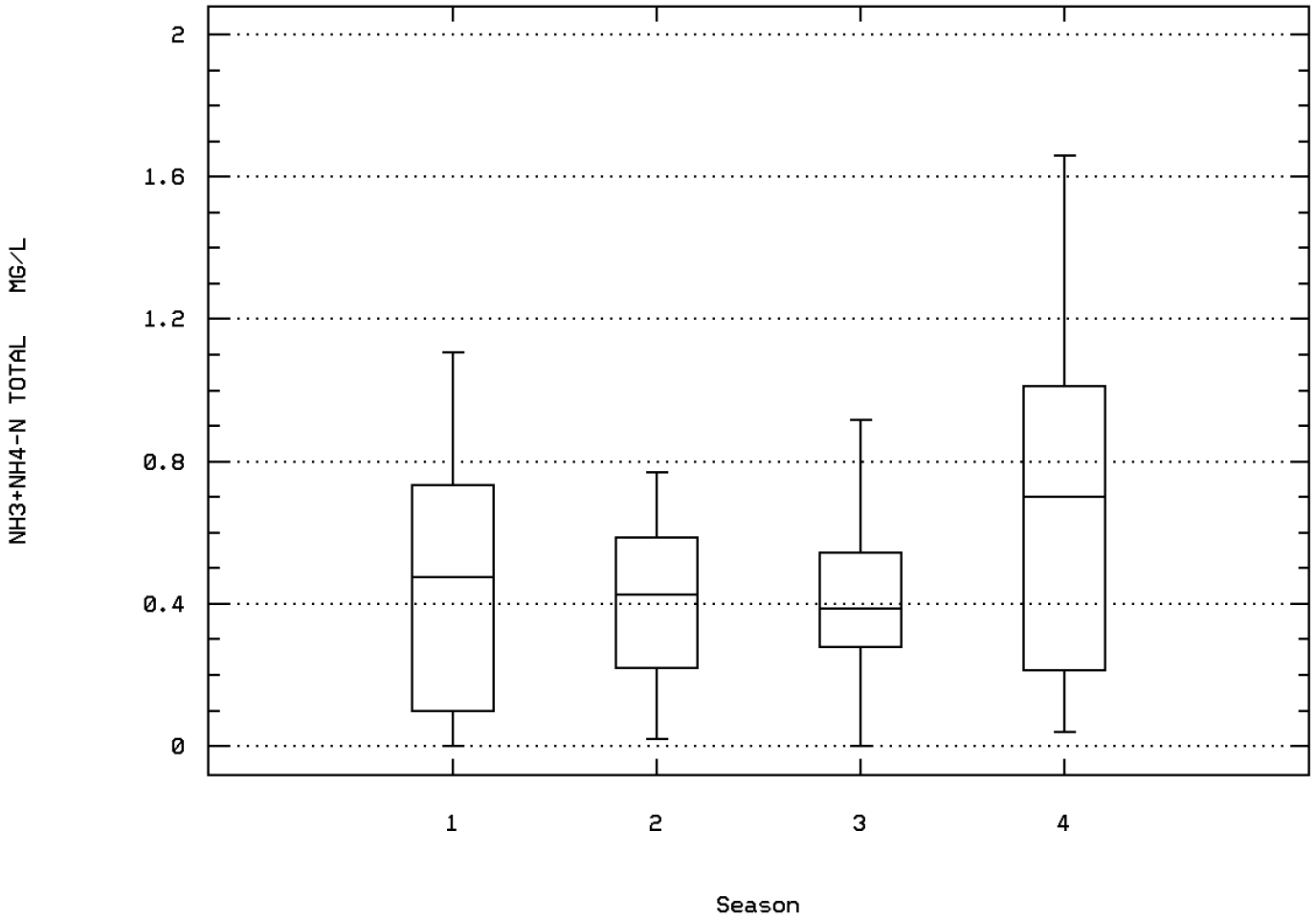
RESIDUE, TOTAL NONFILTRABLE (MG/L)



U.HUDSON R. IN FT.EDWARD @ RT.197 BR.(W

Station: SARA0030 Parameter Code: 00610

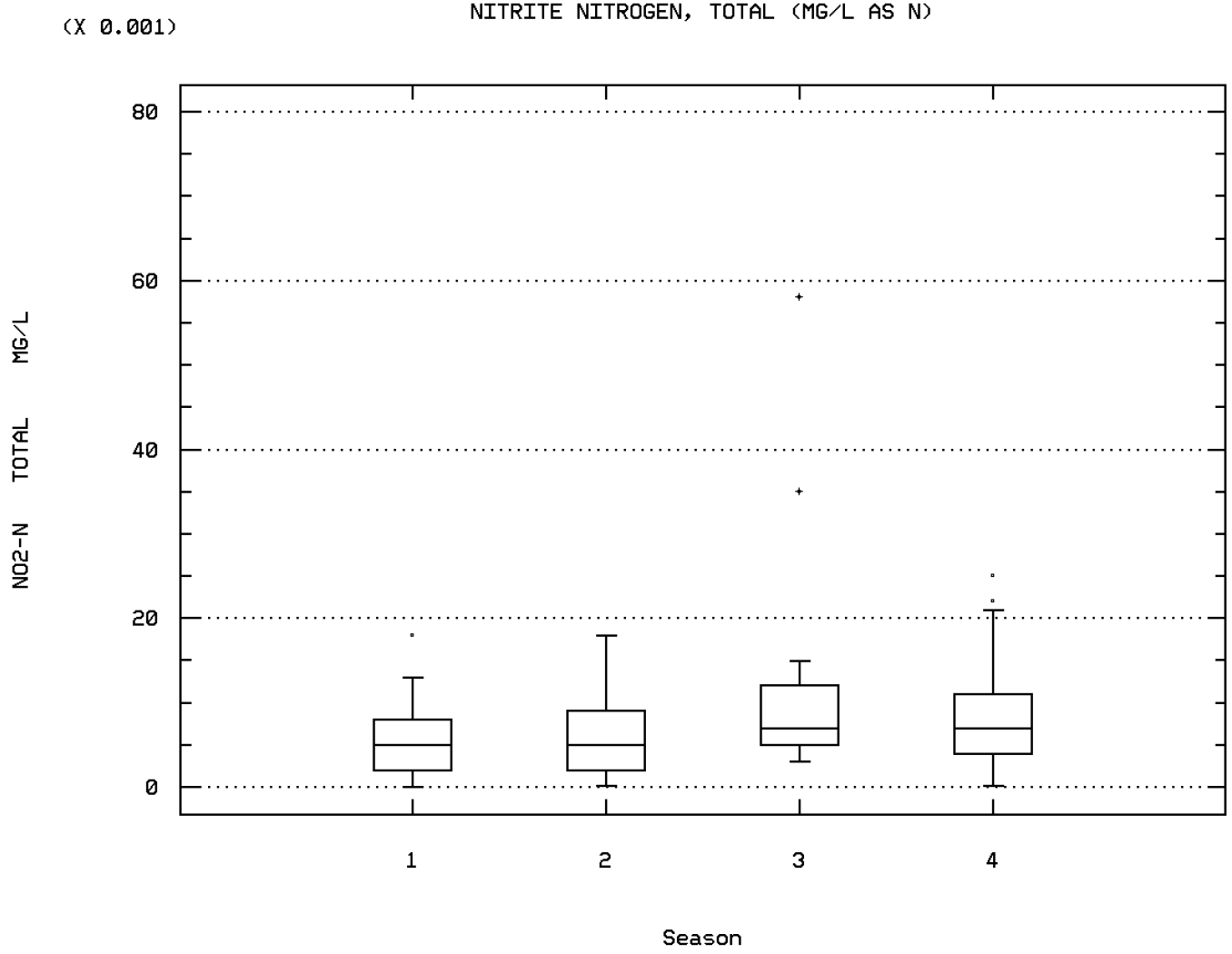
NITROGEN, AMMONIA, TOTAL (MG/L AS N)



U.HUDSON R. IN FT.EDWARD @ RT.197 BR.(W

Station: SARA0030 Parameter Code: 00615

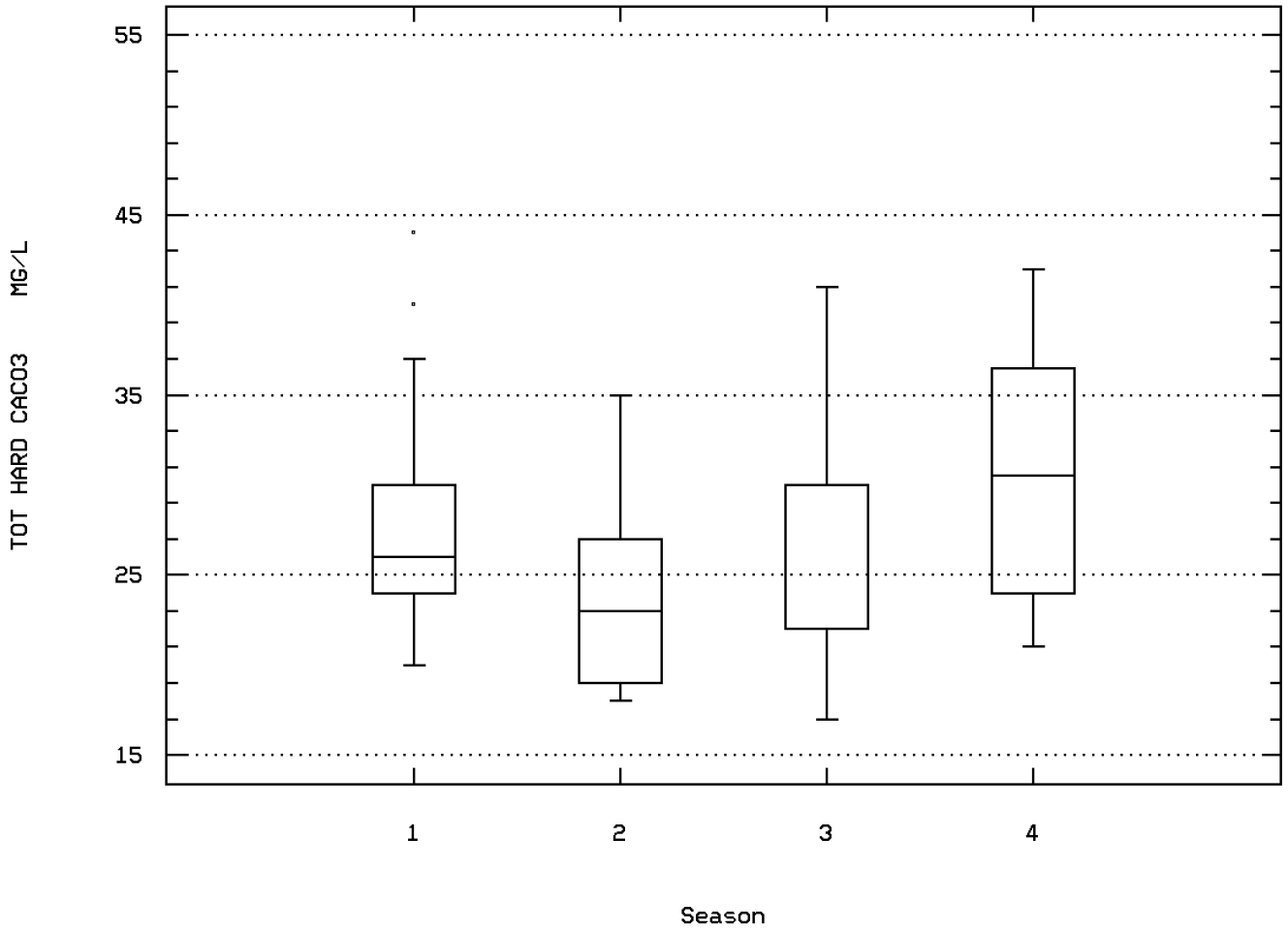
NITRITE NITROGEN, TOTAL (MG/L AS N)



U.HUDSON R. IN FT.EDWARD @ RT.197 BR.(W

Station: SARA0030 Parameter Code: 00900

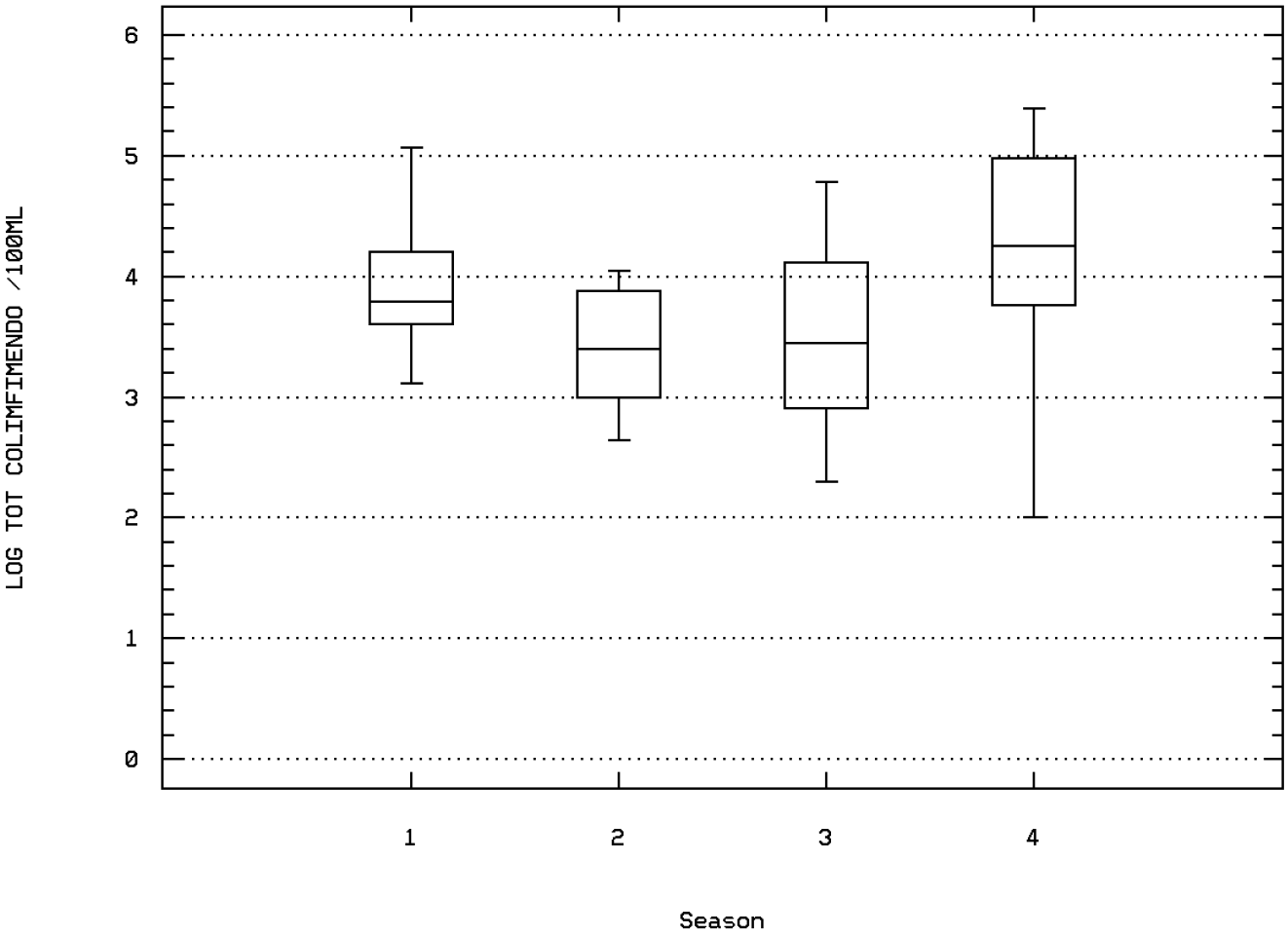
HARDNESS, TOTAL (MG/L AS CACO3)



U.HUDSON R. IN FT.EDWARD @ RT.197 BR.(W

Station: SARA0030 Parameter Code: 31501

LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.



U.HUDSON R. IN FT.EDWARD @ RT.197 BR.(W

Station Inventory for Station: SARA0031

NPS Station ID: SARA0031
LAT/LON: 43.264448/ -73.591115
Agency: 112WRD
Date Created: / /
Location: HUDSON RIVER AT ROGERS ISLAND AT FORT EDWARD NY
FIPS State/County: 36115 NEW YORK/WASHINGTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 01327755
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02020003
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02020003
RF1 Mile Point: 0.000
Distance from RF1: 14.10
On/Off RF1:
RF3 Index: 02020003008700.00
RF3 Mile Point: 2.96
Distance from RF3: 0.54
On/Off RF3:
Description:

Parameter Inventory for Station: SARA0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/75-09/22/87	47	10.9	11.779	26.	0.	73.766	8.589	2.	3.5	22.	22.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/27/75-10/02/86	3	19.	18.333	20.	16.	4.333	2.082	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/21/75-09/25/92	490	4468.	8030.527	34100.	941.	55278931.366	7434.98	2402.	2860.	11725.	20770.
00065	STAGE, STREAM (FEET)	06/02/82-04/16/84	21	23.2	23.1	27.99	20.76	4.236	2.058	20.902	21.07	24.31	25.81
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/30/87-12/08/87	6	0.9	0.967	1.7	0.6	0.155	0.393	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/21/75-08/06/85	145	68.	74.614	136.	44.	522.711	22.863	50.	56.	91.	109.4
00300	OXYGEN, DISSOLVED MG/L	03/29/76-09/22/87	6	10.2	10.383	13.2	8.	2.802	1.674	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/29/76-03/29/76	1	105.	105.	105.	105.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	03/29/76-09/20/88	64	7.25	7.246	8.5	5.9	0.112	0.335	6.85	7.15	7.388	7.6
00400	CONVERTED PH (STANDARD UNITS)	03/29/76-09/20/88	64	7.25	7.07	8.5	5.9	0.143	0.379	6.85	7.15	7.387	7.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/29/76-09/20/88	64	0.056	0.085	1.259	0.003	0.025	0.157	0.025	0.041	0.071	0.142
00403	PH, LAB, STANDARD UNITS SU	09/24/86-09/22/87	6	7.25	7.35	8.	7.1	0.115	0.339	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/24/86-09/22/87	6	7.247	7.27	8.	7.1	0.123	0.35	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/24/86-09/22/87	6	0.057	0.054	0.079	0.01	0.001	0.027	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	03/29/76-03/29/76	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/21/75-03/29/76	3	12.	11.333	12.	10.	1.333	1.155	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	04/21/75-03/29/76	3	15.	14.	15.	12.	3.	1.732	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	03/29/76-03/29/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00496	LOSS ON IGNITION, BOTTOM DEPOSITS (MG/KG)	08/24/75-08/24/75	1	48000.	48000.	48000.	48000.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	04/21/75-12/08/87	9	80.	77.111	103.	59.	240.611	15.512	59.	63.	89.5	103.
00505	RESIDUE, TOTAL VOLATILE (MG/L)	04/30/87-12/08/87	6	33.	32.333	62.	8.	309.067	17.58	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	04/30/87-12/08/87	6	56.5	53.5	72.	20.	364.7	19.097	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/03/76-03/27/87	160	5.	7.806	65.	0.	121.997	11.045	0.5	2.	8.	15.8
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/03/76-03/27/87	156	2.	2.673	16.	0.	9.376	3.062	0.	0.	4.	6.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/12/79-11/13/80	90	1.	5.622	57.	0.	115.271	10.736	0.	0.	5.25	17.9
00600	NITROGEN, TOTAL (MG/L AS N)	04/21/75-12/05/78	35	1.1	1.157	2.8	0.57	0.248	0.498	0.634	0.77	1.3	1.7
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/21/75-03/29/76	3	0.22	0.25	0.38	0.15	0.014	0.118	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/21/75-12/08/87	9	0.08	0.192	0.6	0.02	0.036	0.189	0.02	0.055	0.3	0.6
00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	08/24/75-08/24/75	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/21/75-12/08/87	9	0.01	0.013	0.05	0.	0.	0.017	0.	0.	0.02	0.05
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/21/75-03/29/76	3	0.3	0.393	0.7	0.18	0.074	0.272	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/21/75-12/08/87	41	0.6	0.695	2.1	0.22	0.168	0.41	0.302	0.44	0.915	1.18
00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	08/24/75-08/24/75	1	600.	600.	600.	600.	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/21/75-12/08/87	41	0.42	0.424	0.87	0.19	0.023	0.153	0.222	0.32	0.49	0.652
00633	NITRITE PLUS NITRATE,BOT. DEPOS. (MG/KG-N DRY WT)	08/24/75-08/24/75	1	3.9	3.9	3.9	3.9	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/21/75-12/08/87	41	0.02	0.022	0.05	0.005	0.	0.013	0.01	0.01	0.03	0.04
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	08/24/75-08/24/75	1	100.	100.	100.	100.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/30/87-12/08/87	6	0.	0.003	0.01	0.	0.	0.005	**	**	**	**

** - Less 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: SARA0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00686	CARBON, INORGANIC, IN BED MATERIAL (GM/KG AS C)	08/24/75-08/24/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00687	CARBON, ORGANIC, IN BED MATERIAL (GM/KG AS C)	08/24/75-08/24/75	1	91.	91.	91.	91.	0.	0.	**	**	**	**
00721	CYANIDE IN BOTTOM DEPOSITS (MG/KG AS CN DRY WGT)	08/24/75-08/24/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/21/75-03/29/76	3	18.	18.667	21.	17.	4.333	2.082	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/21/75-03/29/76	3	8.	7.333	9.	5.	4.333	2.082	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/21/75-12/08/87	9	8.	9.144	14.	5.5	11.245	3.353	5.5	5.9	12.75	14.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/21/75-12/08/87	9	1.1	1.1	1.5	0.6	0.08	0.283	0.6	0.9	1.35	1.5
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/21/75-03/29/76	3	2.3	2.1	2.3	1.7	0.12	0.346	**	**	**	**
00931	SODIUM ADSORPTION RATIO	04/21/75-03/29/76	3	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	04/21/75-03/29/76	3	19.	19.333	21.	18.	2.333	1.528	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/21/75-03/29/76	3	0.3	0.333	0.4	0.3	0.003	0.058	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/21/75-03/29/76	3	2.	2.667	4.	2.	1.333	1.155	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/21/75-03/29/76	3	10.	9.	10.	7.	3.	1.732	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	04/03/76-04/03/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	04/21/75-04/03/76	4 ##	0.5	0.625	1.	0.5	0.063	0.25	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	08/24/75-08/24/75	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	09/11/86-03/27/87	25 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01025	CADMIUM, DISSOLVED (UG/L AS CD)	04/03/76-09/22/87	3	1.	0.667	1.	0.	0.333	0.577	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	04/21/75-12/08/87	35 ##	0.5	1.114	5.	0.	2.619	1.618	0.3	0.5	0.5	5.
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/24/75-08/24/75	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/24/75-08/24/75	1	61.	61.	61.	61.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/21/75-03/27/87	28 ##	5.	6.786	20.	0.	24.471	4.947	5.	5.	5.	20.
01040	COPPER, DISSOLVED (UG/L AS CU)	04/03/76-09/22/87	3	2.	2.333	3.	2.	0.333	0.577	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	04/21/75-12/08/87	35	5.	7.229	20.	0.	26.417	5.14	2.6	3.	10.	18.4
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/24/75-08/24/75	1	14.	14.	14.	14.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	04/21/75-12/08/87	106	200.	332.925	1500.	110.	91333.27	302.214	140.	160.	357.5	726.
01046	IRON, DISSOLVED (UG/L AS FE)	04/03/76-04/03/76	1	60.	60.	60.	60.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	04/03/76-09/22/87	3 ##	2.5	3.	4.	2.5	0.75	0.866	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	04/21/75-12/08/87	96	4.5	8.693	190.	0.	406.281	20.156	0.	2.5	10.75	15.
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/24/75-08/24/75	1	36.	36.	36.	36.	0.	0.	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	08/24/75-08/24/75	1	19.	19.	19.	19.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	04/21/75-12/08/87	106	30.	37.028	160.	5.	652.752	25.549	20.	20.	40.	80.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/03/76-04/03/76	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	07/28/87-09/22/87	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	09/11/86-12/08/87	31	2.	4.565	50.	0.5	78.979	8.887	0.5	0.5	4.	9.
01077	SILVER, TOTAL (UG/L AS AG)	09/11/86-03/27/87	25 ##	0.5	0.62	2.	0.5	0.11	0.332	0.5	0.5	0.5	1.
01090	ZINC, DISSOLVED (UG/L AS ZN)	04/03/76-09/22/87	3	10.	13.333	30.	0.	233.333	15.275	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	04/21/75-12/08/87	35	10.	21.714	110.	5.	557.269	23.607	5.	5.	30.	54.
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	08/24/75-08/24/75	1	52.	52.	52.	52.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	09/11/86-03/27/87	25	70.	77.	270.	5.	3350.	57.879	26.	40.	85.	172.
01147	SELENIUM, TOTAL (UG/L AS SE)	04/21/75-03/29/76	3 ##	0.5	1.667	4.	0.5	4.083	2.021	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	08/24/75-08/24/75	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	08/24/75-08/24/75	1	3300.	3300.	3300.	3300.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/14/87-12/08/87	5	15000.	17120.	35000.	6200.	140432000.	11850.401	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/14/87-12/08/87	5	4.176	4.145	4.544	3.792	0.1	0.316	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			13958.575								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	05/14/87-12/08/87	5	1420.	1566.	3200.	210.	1179680.	1086.131	**	**	**	**
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	05/14/87-12/08/87	5	3.152	3.063	3.505	2.322	0.197	0.444	**	**	**	**
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1155.639								
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	04/30/87-12/08/87	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	04/30/87-12/08/87	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32104	BROMOFORM,WHOLE WATER,UG/L	06/13/86-12/08/87	7 ##	0.5	0.643	1.5	0.5	0.143	0.378	**	**	**	**
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	04/30/87-12/08/87	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32106	CHLOROFORM,WHOLE WATER,UG/L	04/30/87-12/08/87	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34301	CHLOROBENZENE TOTWUG/L	04/30/87-12/08/87	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34311	CHLOROETHANE TOTWUG/L	04/30/87-12/08/87	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34413	METHYL BROMIDE TOTWUG/L	04/30/87-12/08/87	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34418	METHYL CHLORIDE TOTWUG/L	04/30/87-12/08/87	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34423	METHYLENE CHLORIDE TOTWUG/L	04/30/87-12/08/87	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	04/30/87-12/08/87	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34496	1,1-DICHLOROETHANE TOTWUG/L	04/30/87-12/08/87	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34501	1,1-DICHLOROETHYLENE TOTWUG/L	04/30/87-12/08/87	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	04/30/87-12/08/87	6 ##	0.5	0.5	0.5	0.5	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 time series plot

Parameter Inventory for Station: SARA0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	04/30/87-12/08/87	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	04/30/87-12/08/87	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34531	1,2-DICHLOROETHANE TOTWUG/L	04/30/87-12/08/87	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34536	1,2-DICHLOROBENZENE TOTWUG/L	04/30/87-12/08/87	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34541	1,2-DICHLOROPROPANE TOTWUG/L	04/30/87-12/08/87	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	04/30/87-12/08/87	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34566	1,3-DICHLOROBENZENE TOTWUG/L	04/30/87-12/08/87	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34571	1,4-DICHLOROBENZENE TOTWUG/L	04/30/87-12/08/87	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	04/30/87-12/08/87	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34671	PCB - 1016 TOTWUG/L	05/01/86-05/06/94	212 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	04/30/87-12/08/87	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	04/30/87-12/08/87	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39034	PERTHANE IN WHOLE WATER SAMPLE (UG/L)	09/26/78-06/21/79	27	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	04/30/87-12/08/87	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	04/30/87-12/08/87	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39250	NAPTHALENES, POLYCHLORINATED (UG/L)	03/14/77-10/31/79	86	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	03/14/77-10/31/79	86	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/24/75-08/24/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	03/14/77-06/21/79	61	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	08/24/75-08/24/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	03/14/77-06/21/79	61	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	08/24/75-08/24/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	03/14/77-06/21/79	61	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/24/75-08/24/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	03/14/77-06/21/79	61	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/24/75-08/24/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	03/14/77-06/21/79	61	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/24/75-08/24/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	03/14/77-06/21/79	61	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/24/75-08/24/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	06/01/78-06/21/79	45	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	03/14/77-06/21/79	61	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/24/75-08/24/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/24/75-08/24/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	03/14/77-06/21/79	61	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/24/75-08/24/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	03/14/77-06/21/79	61	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	08/24/75-08/24/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	03/14/77-06/21/79	61	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	08/24/75-08/24/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	212 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	212 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	214 ##	0.05	0.123	11.	0.005	0.603	0.777	0.015	0.05	0.05	0.085
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	213 ##	0.05	0.055	0.5	0.015	0.002	0.045	0.05	0.05	0.05	0.05
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	213 ##	0.05	0.046	1.1	0.005	0.006	0.079	0.005	0.023	0.05	0.05
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	212 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	03/14/77-07/25/91	442	0.05	0.296	77.	0.	13.421	3.663	0.005	0.05	0.1	0.3
39517	PCBS IN FILT. FRAC. OF WATER SAMPLE (UG/L)	08/12/79-04/25/83	5	0.1	0.22	0.4	0.1	0.027	0.164	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/24/75-08/24/75	1	18000.	18000.	18000.	18000.	0.	0.	**	**	**	**
39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/24/75-08/24/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/24/75-08/24/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/24/75-08/24/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	08/24/75-08/24/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39650	DIURON IN WHOLE WATER SAMPLE (UG/L)	04/23/92-04/23/92	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39731	2,4-D IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/24/75-08/24/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39741	2,4,5-T IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/24/75-08/24/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39755	MIREX, TOTAL (UG/L)	12/14/77-06/07/79	37	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/24/75-08/24/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/24/75-08/24/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39791	METHYL TRITHION IN BOT DEPOS (UG/KG DRY SOLIDS)	08/24/75-08/24/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/21/75-12/08/87	8	50.	59.125	87.	40.	399.268	19.982	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	04/21/75-03/29/76	3	1430.	1523.333	1830.	1310.	74133.333	272.274	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/21/75-03/29/76	3	0.06	0.063	0.07	0.06	0.	0.006	**	**	**	**

** - Less 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: SARA0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	04/21/75-03/29/76	3	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	04/21/75-12/05/78	35	4.9	5.117	12.	2.5	4.733	2.175	2.82	3.4	5.8	7.52
71900	MERCURY, TOTAL (UG/L AS HG)	04/21/75-12/08/87	32 ##	0.05	0.073	0.25	0.05	0.004	0.063	0.05	0.05	0.05	0.235
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	08/24/75-08/24/75	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/21/75-09/14/93	487	4.	8.869	93.	0.	178.346	13.355	2.	2.	8.	25.
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	04/21/75-12/17/87	283	40.	463.162	6960.	0.	996827.826	998.413	13.	18.	363.	1602.

** - Less 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: SARA0031

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/20-2/29 Obs	9/20-2/29 Exceed	9/20-2/29 Prop.	3/01-4/30 Obs	3/01-4/30 Exceed	3/01-4/30 Prop.	5/01-6/30 Obs	5/01-6/30 Exceed	5/01-6/30 Prop.	7/01-9/19 Obs	7/01-9/19 Exceed	7/01-9/19 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	6	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	6	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00
00400	PH	Other-Hi Lim.	9.	64	0	0.00	34	0	0.00	11	0	0.00	5	0	0.00	14	0	0.00
		Other-Lo Lim.	6.5	64	1	0.02	34	1	0.03	11	0	0.00	5	0	0.00	14	0	0.00
00403	PH, LAB	Other-Hi Lim.	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			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	9	0	0.00	3	0	0.00	3	0	0.00	2	0	0.00	1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	3	0	0.00	1	0	0.00	2	0	0.00						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	41	0	0.00	9	0	0.00	14	0	0.00	8	0	0.00	10	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	0	0.00	1	0	0.00	2	0	0.00						
		Drinking Water	250.	3	0	0.00	1	0	0.00	2	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	3	0	0.00	1	0	0.00	2	0	0.00						
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						
01002	ARSENIC, TOTAL	Fresh Acute	360.	4	0	0.00	1	0	0.00	3	0	0.00						
		Drinking Water	50.	4	0	0.00	1	0	0.00	3	0	0.00						
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	25	0	0.00	16	0	0.00	6	0	0.00				3	0	0.00
		Drinking Water	4.	0 &	0	0.00												
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	3	0	0.00	1	0	0.00	1	0	0.00				1	0	0.00
		Drinking Water	5.	3	0	0.00	1	0	0.00	1	0	0.00				1	0	0.00
01027	CADMIUM, TOTAL	Fresh Acute	3.9	30 &	0	0.00	18	0	0.00	9	0	0.00				3	0	0.00
		Drinking Water	5.	30 &	0	0.00	18	0	0.00	9	0	0.00				3	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	28	0	0.00	17	0	0.00	8	0	0.00				3	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	3	0	0.00	1	0	0.00	1	0	0.00				1	0	0.00
		Drinking Water	1300.	3	0	0.00	1	0	0.00	1	0	0.00				1	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	35	4	0.11	19	1	0.05	10	1	0.10	2	0	0.00	4	2	0.50
		Drinking Water	1300.	35	0	0.00	19	0	0.00	10	0	0.00	2	0	0.00	4	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	3	0	0.00	1	0	0.00	1	0	0.00				1	0	0.00
		Drinking Water	15.	3	0	0.00	1	0	0.00	1	0	0.00				1	0	0.00
01051	LEAD, TOTAL	Fresh Acute	82.	96	1	0.01	26	1	0.04	32	0	0.00	14	0	0.00	24	0	0.00
		Drinking Water	15.	95 &	9	0.09	26	3	0.12	31	1	0.03	14	2	0.14	24	3	0.13
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	2	0	0.00	1	0	0.00							1	0	0.00
		Drinking Water	100.	2	0	0.00	1	0	0.00							1	0	0.00
01067	NICKEL, TOTAL	Fresh Acute	1400.	31	0	0.00	18	0	0.00	7	0	0.00	2	0	0.00	4	0	0.00
		Drinking Water	100.	31	0	0.00	18	0	0.00	7	0	0.00	2	0	0.00	4	0	0.00
01077	SILVER, TOTAL	Fresh Acute	4.1	25	0	0.00	16	0	0.00	6	0	0.00				3	0	0.00
		Drinking Water	100.	25	0	0.00	16	0	0.00	6	0	0.00				3	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	3	0	0.00	1	0	0.00	1	0	0.00				1	0	0.00
		Drinking Water	5000.	3	0	0.00	1	0	0.00	1	0	0.00				1	0	0.00
01092	ZINC, TOTAL	Fresh Acute	120.	35	0	0.00	19	0	0.00	10	0	0.00	2	0	0.00	4	0	0.00
		Drinking Water	5000.	35	0	0.00	19	0	0.00	10	0	0.00	2	0	0.00	4	0	0.00
01147	SELENIUM, TOTAL	Fresh Acute	20.	3	0	0.00	1	0	0.00	2	0	0.00						
		Drinking Water	50.	3	0	0.00	1	0	0.00	2	0	0.00						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	5	5	1.00	2	2	1.00				2	2	1.00	1	1	1.00
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	5	5	1.00	2	2	1.00				2	2	1.00	1	1	1.00
32101	BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	6	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00
32102	CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	6	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00
		Drinking Water	5.	6	0	0.00	2	0	0.00	1	0	0.00	2	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

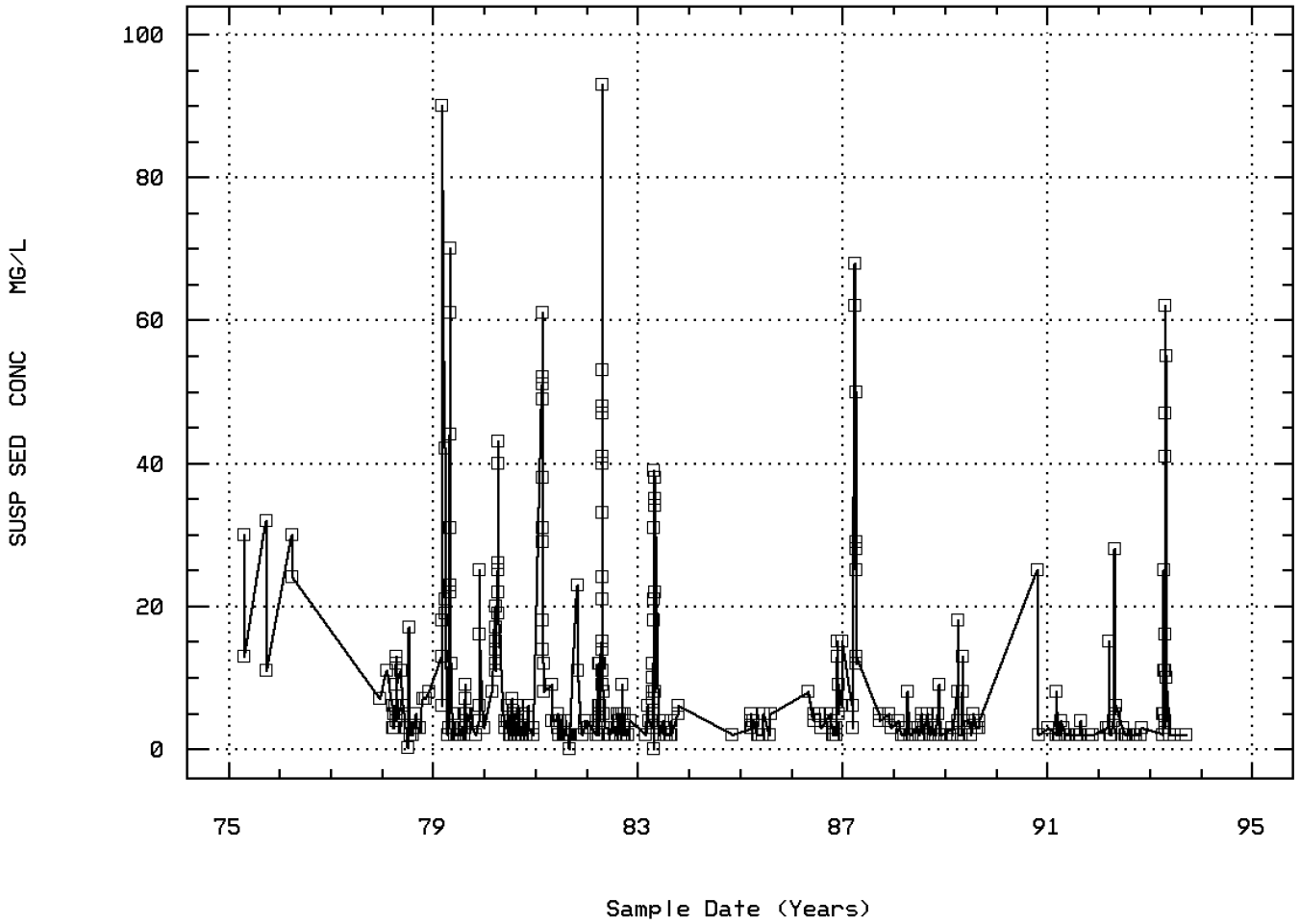
EPA Water Quality Criteria Analysis for Station: SARA0031

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/20-2/29 Obs	9/20-2/29 Exceed	9/20-2/29 Prop.	3/01-4/30 Obs	3/01-4/30 Exceed	3/01-4/30 Prop.	5/01-6/30 Obs	5/01-6/30 Exceed	5/01-6/30 Prop.	7/01-9/19 Obs	7/01-9/19 Exceed	7/01-9/19 Prop.
32104	BROMOFORM, WHOLE WATER	Drinking Water	100.	7	0	0.00	2	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00
32105	DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	6	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00
32106	CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	6	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00
		Drinking Water	100.	6	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00
34301	CHLOROBENZENE, TOTAL	Drinking Water	100.	6	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00
34423	METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	6	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00
34475	TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	6	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00
		Drinking Water	5.	6	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00
34501	1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	6	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00
34506	1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	6	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00
34511	1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	6	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00
34531	1,2-DICHLOROETHANE, TOTAL	Fresh Acute	118000.	6	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00
		Drinking Water	5.	6	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00
34536	1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	6	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00
34541	1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	6	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	6	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00
34566	1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	6	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00
34571	1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	6	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	6	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	6	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00
		Drinking Water	5.	6	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	86	0	0.00	8	0	0.00	28	0	0.00	15	0	0.00	35	0	0.00
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	61	0	0.00	6	0	0.00	28	0	0.00	13	0	0.00	14	0	0.00
		Drinking Water	0.2	61	0	0.00	6	0	0.00	28	0	0.00	13	0	0.00	14	0	0.00
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	61	0	0.00	6	0	0.00	28	0	0.00	13	0	0.00	14	0	0.00
		Drinking Water	2.	61	0	0.00	6	0	0.00	28	0	0.00	13	0	0.00	14	0	0.00
39360	DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	61	0	0.00	6	0	0.00	28	0	0.00	13	0	0.00	14	0	0.00
39365	DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	61	0	0.00	6	0	0.00	28	0	0.00	13	0	0.00	14	0	0.00
39370	DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	61	0	0.00	6	0	0.00	28	0	0.00	13	0	0.00	14	0	0.00
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	61	0	0.00	6	0	0.00	28	0	0.00	13	0	0.00	14	0	0.00
39388	ENDOSULFAN IN WHOLE WATER SAMPLE	Fresh Acute	0.22	45	0	0.00	4	0	0.00	16	0	0.00	11	0	0.00	14	0	0.00
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	61	0	0.00	6	0	0.00	28	0	0.00	13	0	0.00	14	0	0.00
		Drinking Water	2.	61	0	0.00	6	0	0.00	28	0	0.00	13	0	0.00	14	0	0.00
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	61	0	0.00	6	0	0.00	28	0	0.00	13	0	0.00	14	0	0.00
		Drinking Water	3.	61	0	0.00	6	0	0.00	28	0	0.00	13	0	0.00	14	0	0.00
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	61	0	0.00	6	0	0.00	28	0	0.00	13	0	0.00	14	0	0.00
		Drinking Water	0.4	61	0	0.00	6	0	0.00	28	0	0.00	13	0	0.00	14	0	0.00
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	61	0	0.00	6	0	0.00	28	0	0.00	13	0	0.00	14	0	0.00
		Drinking Water	0.2	61	0	0.00	6	0	0.00	28	0	0.00	13	0	0.00	14	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	32	0	0.00	19	0	0.00	9	0	0.00	2	0	0.00	2	0	0.00
		Drinking Water	2.	32	0	0.00	19	0	0.00	9	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: SARA0031 Parameter Code: 80154

SUSP. SEDIMENT CONCENTRATION-EVAP. AT 1



HUDSON RIVER AT ROGERS ISLAND AT FORT E

Annual Analysis for 1975 - Station SARA0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/21/75-09/25/92	7	11800.	10972.857	13800.	1010.	20292490.476	4504.719	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/21/75-08/06/85	1	58.	58.	58.	58.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	04/21/75-12/08/87	2	550.	550.	690.	410.	39200.	197.99	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	04/21/75-12/08/87	2	11.5	11.5	13.	10.	4.5	2.121	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	04/21/75-12/08/87	2	55.	55.	80.	30.	1250.	35.355	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/21/75-09/14/93	4	21.5	21.5	32.	11.	121.667	11.03	**	**	**	**
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	04/21/75-12/17/87	4	678.	734.5	1190.	392.	161913.	402.384	**	**	**	**

** - 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

Annual Analysis for 1976 - Station SARA0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/21/75-09/25/92	4	12400.	15200.	24000.	12000.	34560000.	5878.775	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/21/75-08/06/85	1	54.	54.	54.	54.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	03/29/76-09/20/88	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/29/76-09/20/88	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/29/76-09/20/88	1	0.251	0.251	0.251	0.251	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/03/76-03/27/87	1	49.	49.	49.	49.	0.	0.	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/03/76-03/27/87	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	04/21/75-12/08/87	2	1125.	1125.	1400.	850.	151250.	388.909	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	04/21/75-12/08/87	2	13.	13.	15.	11.	8.	2.828	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	04/21/75-12/08/87	2	70.	70.	80.	60.	200.	14.142	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/21/75-09/14/93	2	27.	27.	30.	24.	18.	4.243	**	**	**	**
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	04/21/75-12/17/87	2	900.5	900.5	972.	829.	10224.5	101.116	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 SARA0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/21/75-09/25/92	1	7690.	7690.	7690.	7690.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/03/76-03/27/87	3	28.	26.333	44.	7.	344.333	18.556	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/03/76-03/27/87	3	14.	10.667	16.	2.	57.333	7.572	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	04/21/75-12/08/87	3	1100.	933.333	1500.	200.	443333.333	665.833	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	04/21/75-12/08/87	3	12.	12.	12.	12.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	04/21/75-12/08/87	3	70.	78.333	160.	5.	6058.333	77.835	**	**	**	**
39516p	PCBS IN WHOLE WATER SAMPLE (UG/L)	03/14/77-07/25/91	3	0.2	0.5	1.3	0.	0.49	0.7	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/21/75-09/14/93	1	7.	7.	7.	7.	0.	0.	**	**	**	**
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	04/21/75-12/17/87	1	145.	145.	145.	145.	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 1978 - Station SARA0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/21/75-09/25/92	29	3390.	5548.966	15800.	1580.	18349445.32	4283.625	2280.	2765.	7010.	14600.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/03/76-03/27/87	35	5.	5.057	16.	0.	12.408	3.523	0.	3.	7.	10.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/03/76-03/27/87	32	0.5	1.844	10.	0.	6.33	2.516	0.	0.	3.	5.7
01045	IRON, TOTAL (UG/L AS FE)	04/21/75-12/08/87	30	200.	219.333	410.	110.	7213.333	84.931	140.	157.5	247.5	404.
01051	LEAD, TOTAL (UG/L AS PB)	04/21/75-12/08/87	30	10.	16.067	190.	0.	1137.72	33.73	0.1	5.	14.	21.6
01055	MANGANESE, TOTAL (UG/L AS MN)	04/21/75-12/08/87	30	30.	32.5	130.	5.	470.259	21.685	20.	20.	40.	50.
39516p	PCBS IN WHOLE WATER SAMPLE (UG/L)	03/14/77-07/25/91	35	0.1	0.14	0.4	0.	0.017	0.129	0.	0.	0.2	0.3

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Annual Analysis for 1978 - Station SARA0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/21/75-09/14/93	30	5.	5.573	17.	0.2	15.903	3.988	1.1	3.	7.25	11.9
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	04/21/75-12/17/87	29	50.	102.941	555.	0.98	21179.167	145.531	13.	21.	96.	386.

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Annual Analysis for 1979 - Station SARA0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/21/75-09/25/92	35	4690.	9442.857	32400.	1750.	73690809.244	8584.335	2812.	3630.	11700.	25300.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/03/76-03/27/87	42	6.5	12.262	65.	1.	261.613	16.174	2.	3.	11.	44.4
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/03/76-03/27/87	41	2.	3.268	13.	0.	8.701	2.95	0.	1.5	5.	7.
01045	IRON, TOTAL (UG/L AS FE)	04/21/75-12/08/87	30	200.	400.667	1500.	110.	147468.506	384.016	131.	157.5	650.	1167.
01051	LEAD, TOTAL (UG/L AS PB)	04/21/75-12/08/87	28	3.	3.107	11.	0.	9.951	3.155	0.	0.	5.	7.3
01055	MANGANESE, TOTAL (UG/L AS MN)	04/21/75-12/08/87	30	30.	39.	120.	5.	854.138	29.226	5.	20.	50.	89.
39516p	PCBS IN WHOLE WATER SAMPLE (UG/L)	03/14/77-07/25/91	53	0.1	0.247	2.5	0.	0.206	0.453	0.	0.	0.25	0.4
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/21/75-09/14/93	54	3.5	11.741	90.	1.	335.856	18.326	2.	2.	13.75	36.5
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	04/21/75-12/17/87	35	59.	568.371	5340.	12.	1348173.534	1161.109	14.	24.	327.	2700.

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Annual Analysis for 1980 - Station SARA0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/21/75-09/25/92	60	2885.	5844.333	23000.	1060.	40785909.718	6386.385	1183.	2505.	4710.	17990.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/21/75-08/06/85	3	70.	68.333	73.	62.	32.333	5.686	**	**	**	**
00400	PH (STANDARD UNITS)	03/29/76-09/20/88	3	6.9	6.867	7.	6.7	0.023	0.153	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/29/76-09/20/88	3	6.9	6.848	7.	6.7	0.024	0.154	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/29/76-09/20/88	3	0.126	0.142	0.2	0.1	0.003	0.052	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/03/76-03/27/87	54	4.	6.148	38.	0.	53.261	7.298	0.	2.	8.	15.5
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/03/76-03/27/87	54	2.	2.426	8.	0.	5.193	2.279	0.	0.	4.	5.5
01045	IRON, TOTAL (UG/L AS FE)	04/21/75-12/08/87	8	445.	512.5	760.	350.	25278.571	158.992	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	04/21/75-12/08/87	8	45.	46.25	60.	30.	112.5	10.607	**	**	**	**
39516p	PCBS IN WHOLE WATER SAMPLE (UG/L)	03/14/77-07/25/91	55	0.1	0.17	0.7	0.	0.022	0.149	0.03	0.1	0.2	0.34
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/21/75-09/14/93	61	4.	7.344	43.	1.	77.663	8.813	2.	2.	7.5	19.8
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	04/21/75-12/17/87	60	25.	253.283	2650.	3.1	301733.505	549.303	7.8	16.	57.5	1049.

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Annual Analysis for 1981 - Station SARA0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/21/75-09/25/92	58	3145.	7975.172	23800.	941.	71356827.057	8447.297	2280.	2542.5	18400.	22800.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/21/75-08/06/85	11	53.	54.909	61.	49.	20.691	4.549	49.2	51.	61.	61.
00400	PH (STANDARD UNITS)	03/29/76-09/20/88	11	7.2	7.109	7.4	6.6	0.063	0.251	6.62	7.	7.3	7.38
00400	CONVERTED PH (STANDARD UNITS)	03/29/76-09/20/88	11	7.2	7.032	7.4	6.6	0.069	0.264	6.62	7.	7.3	7.38
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/29/76-09/20/88	11	0.063	0.093	0.251	0.04	0.005	0.068	0.042	0.05	0.1	0.241
39516p	PCBS IN WHOLE WATER SAMPLE (UG/L)	03/14/77-07/25/91	57	0.1	0.087	0.3	0.	0.003	0.055	0.05	0.05	0.1	0.2
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/21/75-09/14/93	56	3.5	10.429	61.	0.	243.34	15.599	1.	2.	11.	41.3
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	04/21/75-12/17/87	56	27.	531.336	3760.	0.	1027080.081	1013.45	7.07	15.	532.	2613.

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Annual Analysis for 1982 - Station SARA0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/21/75-09/25/92	70	5150.	9562.714	27700.	1180.	76265875.135	8733.034	2575.	3030.	18200.	25100.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/21/75-08/06/85	41	79.	79.244	136.	44.	716.639	26.77	45.2	54.5	100.	118.
00400	PH (STANDARD UNITS)	03/29/76-09/20/88	18	7.3	7.376	8.5	6.8	0.128	0.358	6.98	7.2	7.5	7.798
00400	CONVERTED PH (STANDARD UNITS)	03/29/76-09/20/88	18	7.3	7.274	8.5	6.8	0.139	0.373	6.98	7.2	7.5	7.798
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/29/76-09/20/88	18	0.05	0.053	0.158	0.003	0.001	0.035	0.017	0.032	0.063	0.106
39516p	PCBS IN WHOLE WATER SAMPLE (UG/L)	03/14/77-07/25/91	49	0.1	0.111	0.4	0.05	0.008	0.087	0.05	0.05	0.1	0.3
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/21/75-09/14/93	60	4.	11.517	93.	1.	294.762	17.169	1.1	2.	12.	40.9
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	04/21/75-12/17/87	58	49.	671.614	6960.	8.	1711296.019	1308.165	13.	19.75	678.5	2826.

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Annual Analysis for 1983 - Station SARA0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/21/75-09/25/92	44	10650.	13400.682	34100.	2280.	105230839.059	10258.208	2685.	3755.	20875.	30100.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/21/75-08/06/85	43	64.	74.488	128.	48.	611.732	24.733	49.4	54.	91.	117.2
00400	PH (STANDARD UNITS)	03/29/76-09/20/88	1	5.9	5.9	5.9	5.9	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/29/76-09/20/88	1	5.9	5.9	5.9	5.9	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/29/76-09/20/88	1	1.259	1.259	1.259	1.259	0.	0.	**	**	**	**
39516p	PCBS IN WHOLE WATER SAMPLE (UG/L)	03/14/77-07/25/91	44 ##	0.05	1.899	77.	0.05	134.324	11.59	0.05	0.05	0.1	0.4
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/21/75-09/14/93	39	5.	11.487	39.	0.	168.309	12.973	2.	2.	18.	38.

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Annual Analysis for 1984 - Station SARA0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/21/75-09/25/92	16	14150.	13459.375	17500.	3810.	17086499.583	4133.582	7212.	10900.	17400.	17500.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/21/75-08/06/85	34	66.5	72.971	108.	54.	297.908	17.26	57.	59.	86.5	102.5
39516p	PCBS IN WHOLE WATER SAMPLE (UG/L)	03/14/77-07/25/91	32 ##	0.05	0.081	0.4	0.05	0.007	0.085	0.05	0.05	0.05	0.24
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/21/75-09/14/93	1	2.	2.	2.	2.	0.	0.	**	**	**	**
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	04/21/75-12/17/87	1	20.	20.	20.	20.	0.	0.	**	**	**	**

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Annual Analysis for 1985 - Station SARA0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/21/75-09/25/92	15	4350.	4710.467	7720.	967.	5913938.981	2431.859	1034.8	2670.	7670.	7690.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/21/75-08/06/85	11	88.	87.727	122.	67.	285.618	16.9	68.4	76.	93.	120.2
39516p	PCBS IN WHOLE WATER SAMPLE (UG/L)	03/14/77-07/25/91	16 ##	0.05	0.081	0.3	0.05	0.005	0.07	0.05	0.05	0.088	0.23
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/21/75-09/14/93	15	3.	3.133	5.	1.	1.695	1.302	1.6	2.	4.	5.
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	04/21/75-12/17/87	15	37.	42.347	104.	5.8	1015.643	31.869	6.16	14.	78.	91.4

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Annual Analysis for 1986 - Station SARA0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/21/75-09/25/92	25	5184.	5132.8	9100.	2320.	2961727.833	1720.967	3011.2	3829.	5837.	8334.2
00400	PH (STANDARD UNITS)	03/29/76-09/20/88	15	7.25	7.293	7.55	7.15	0.016	0.127	7.15	7.2	7.35	7.52

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Annual Analysis for 1986 - Station SARA0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	CONVERTED PH (STANDARD UNITS)	03/29/76-09/20/88	15	7.25	7.278	7.55	7.15	0.016	0.128	7.15	7.2	7.35	7.52
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/29/76-09/20/88	15	0.056	0.053	0.071	0.028	0.	0.013	0.03	0.045	0.063	0.071
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/03/76-03/27/87	17	3.	4.	13.	0.5	12.719	3.566	0.5	1.	5.5	11.4
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/03/76-03/27/87	17	1.	1.471	4.	0.5	1.296	1.138	0.5	0.5	2.5	3.2
01045	IRON, TOTAL (UG/L AS FE)	04/21/75-12/08/87	17	200.	207.059	340.	150.	2172.059	46.605	150.	180.	230.	276.
01051	LEAD, TOTAL (UG/L AS PB)	04/21/75-12/08/87	17 ##	2.5	4.559	17.	2.5	21.684	4.657	2.5	2.5	3.75	16.2
01055	MANGANESE, TOTAL (UG/L AS MN)	04/21/75-12/08/87	17	30.	26.765	40.	5.	84.191	9.176	17.	20.	30.	40.
34671p	PCB - 1016 TOTWUG/L	05/01/86-05/06/94	25 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39488p	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	25 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39492p	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	25 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39496p	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	25 ##	0.05	0.062	0.2	0.005	0.002	0.042	0.034	0.05	0.05	0.128
39500p	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	25 ##	0.05	0.056	0.2	0.05	0.001	0.03	0.05	0.05	0.05	0.05
39504p	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	24 ##	0.05	0.05	0.1	0.005	0.	0.02	0.028	0.05	0.05	0.075
39508p	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	25 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39516p	PCBS IN WHOLE WATER SAMPLE (UG/L)	03/14/77-07/25/91	11	0.05	0.063	0.17	0.	0.002	0.046	0.002	0.05	0.08	0.156
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/21/75-09/14/93	22	4.5	5.636	15.	2.	15.766	3.971	2.	3.	6.5	14.4
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	04/21/75-12/17/87	8	101.5	117.375	215.	29.	5763.696	75.919	**	**	**	**

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Annual Analysis for 1987 - Station SARA0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/21/75-09/25/92	30	4571.	8907.367	27806.	2277.	62868295.826	7928.953	3123.	4021.	13352.5	22380.
00400	PH (STANDARD UNITS)	03/29/76-09/20/88	14	7.325	7.368	7.75	7.1	0.043	0.206	7.125	7.188	7.6	7.675
00400	CONVERTED PH (STANDARD UNITS)	03/29/76-09/20/88	14	7.324	7.326	7.75	7.1	0.044	0.211	7.125	7.187	7.6	7.675
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/29/76-09/20/88	14	0.047	0.047	0.079	0.018	0.	0.02	0.021	0.025	0.065	0.075
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/03/76-03/27/87	8 ##	0.75	3.625	13.	0.5	24.982	4.998	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/03/76-03/27/87	8 ##	0.5	3.25	13.	0.5	26.571	5.155	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	04/21/75-12/08/87	14	185.	208.571	480.	120.	8951.648	94.613	120.	150.	235.	390.
01051	LEAD, TOTAL (UG/L AS PB)	04/21/75-12/08/87	14 ##	2.5	7.357	50.	2.5	159.132	12.615	2.5	2.5	8.5	30.
01055	MANGANESE, TOTAL (UG/L AS MN)	04/21/75-12/08/87	14	30.	33.571	80.	10.	240.11	15.495	15.	30.	40.	60.
34671p	PCB - 1016 TOTWUG/L	05/01/86-05/06/94	15 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39488p	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	15 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39492p	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	15 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39496p	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	15	0.05	0.054	0.18	0.01	0.002	0.045	0.01	0.02	0.08	0.132
39500p	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	15 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39504p	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	15 ##	0.03	0.028	0.05	0.005	0.	0.019	0.005	0.01	0.05	0.05
39508p	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	15 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39516p	PCBS IN WHOLE WATER SAMPLE (UG/L)	03/14/77-07/25/91	15	0.03	0.107	0.82	0.01	0.042	0.205	0.01	0.02	0.11	0.454
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/21/75-09/14/93	16	9.	20.125	68.	3.	480.783	21.927	3.	4.25	28.75	63.8
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	04/21/75-12/17/87	14	362.5	1272.357	5105.	37.	2996918.401	1731.161	39.	50.5	2011.75	4879.5

** - 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 1988 - Station SARA0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/21/75-09/25/92	36	3240.	4078.889	9870.	1030.	6015564.444	2452.665	1960.	2482.5	4570.	9252.
00400	PH (STANDARD UNITS)	03/29/76-09/20/88	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/29/76-09/20/88	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/29/76-09/20/88	1	0.079	0.079	0.079	0.079	0.	0.	**	**	**	**
34671p	PCB - 1016 TOTWUG/L	05/01/86-05/06/94	38 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39488p	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	38 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39492p	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	38 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	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 1988 - Station SARA0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39496p	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	38 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39500p	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	38 ##	0.05	0.053	0.1	0.05	0.	0.011	0.05	0.05	0.05	0.05
39504p	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	38 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39508p	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	38 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39516p	PCBS IN WHOLE WATER SAMPLE (UG/L)	03/14/77-07/25/91	37	0.02	0.026	0.1	0.005	0.001	0.024	0.005	0.01	0.04	0.062
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/21/75-09/14/93	38	3.	3.237	9.	1.	3.375	1.837	2.	2.	4.	5.3

** - 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 1989 - Station SARA0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/21/75-09/25/92	21	5100.	7780.476	16800.	2530.	25399824.762	5039.824	2598.	3605.	13300.	15680.
34671p	PCB - 1016 TOTWUG/L	05/01/86-05/06/94	23 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39488p	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	23 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39492p	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	23 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39496p	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	23 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39500p	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	23 ##	0.05	0.07	0.5	0.05	0.009	0.094	0.05	0.05	0.05	0.05
39504p	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	23 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39508p	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	23 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39516p	PCBS IN WHOLE WATER SAMPLE (UG/L)	03/14/77-07/25/91	22	0.03	0.031	0.06	0.01	0.	0.016	0.01	0.02	0.043	0.057
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/21/75-09/14/93	23	4.	4.609	18.	1.	15.249	3.905	2.	2.	4.	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 1990 - Station SARA0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/21/75-09/25/92	3	8620.	11450.	18600.	7130.	38896900.	6236.738	**	**	**	**
34671p	PCB - 1016 TOTWUG/L	05/01/86-05/06/94	26 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39488p	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	26 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39492p	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	26 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39496p	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	26 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39500p	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	26 ##	0.05	0.067	0.5	0.05	0.008	0.088	0.05	0.05	0.05	0.05
39504p	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	26 ##	0.05	0.049	0.05	0.025	0.	0.005	0.05	0.05	0.05	0.05
39508p	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	26 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39516p	PCBS IN WHOLE WATER SAMPLE (UG/L)	03/14/77-07/25/91	2 ##	0.013	0.013	0.02	0.005	0.	0.011	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/21/75-09/14/93	3	2.	9.333	25.	1.	184.333	13.577	**	**	**	**

** - 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

Annual Analysis for 1991 - Station SARA0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/21/75-09/25/92	19	3030.	5505.263	14100.	2250.	13505915.205	3675.039	2550.	2550.	7540.	12300.
34671p	PCB - 1016 TOTWUG/L	05/01/86-05/06/94	19 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39488p	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	19 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39492p	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	19 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39496p	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	19 ##	0.05	0.068	0.5	0.005	0.011	0.106	0.015	0.05	0.05	0.05
39500p	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	19 ##	0.05	0.044	0.05	0.015	0.	0.013	0.02	0.05	0.05	0.05
39504p	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	19 ##	0.05	0.043	0.1	0.005	0.001	0.023	0.005	0.05	0.05	0.05
39508p	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	19 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39516p	PCBS IN WHOLE WATER SAMPLE (UG/L)	03/14/77-07/25/91	11	0.01	0.011	0.03	0.005	0.	0.008	0.005	0.005	0.02	0.028

** - 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

Annual Analysis for 1991 - Station SARA0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/21/75-09/14/93	19	2.	2.368	8.	1.	2.69	1.64	1.	1.	3.	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 SARA0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/21/75-09/25/92	17	3410.	5604.118	15700.	2440.	20521063.235	4530.018	2456.	2655.	7040.	15380.
34671p	PCB - 1016 TOTWUG/L	05/01/86-05/06/94	19 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39488p	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	19 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39492p	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	19 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39496p	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	21 ##	0.015	0.209	3.	0.005	0.419	0.648	0.005	0.01	0.135	0.368
39500p	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	20 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39504p	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	21 ##	0.005	0.025	0.4	0.005	0.007	0.086	0.005	0.005	0.008	0.019
39508p	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	19 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/21/75-09/14/93	21	2.	4.333	28.	1.	38.333	6.191	1.	2.	3.5	13.2

** - 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 1993 - Station SARA0031

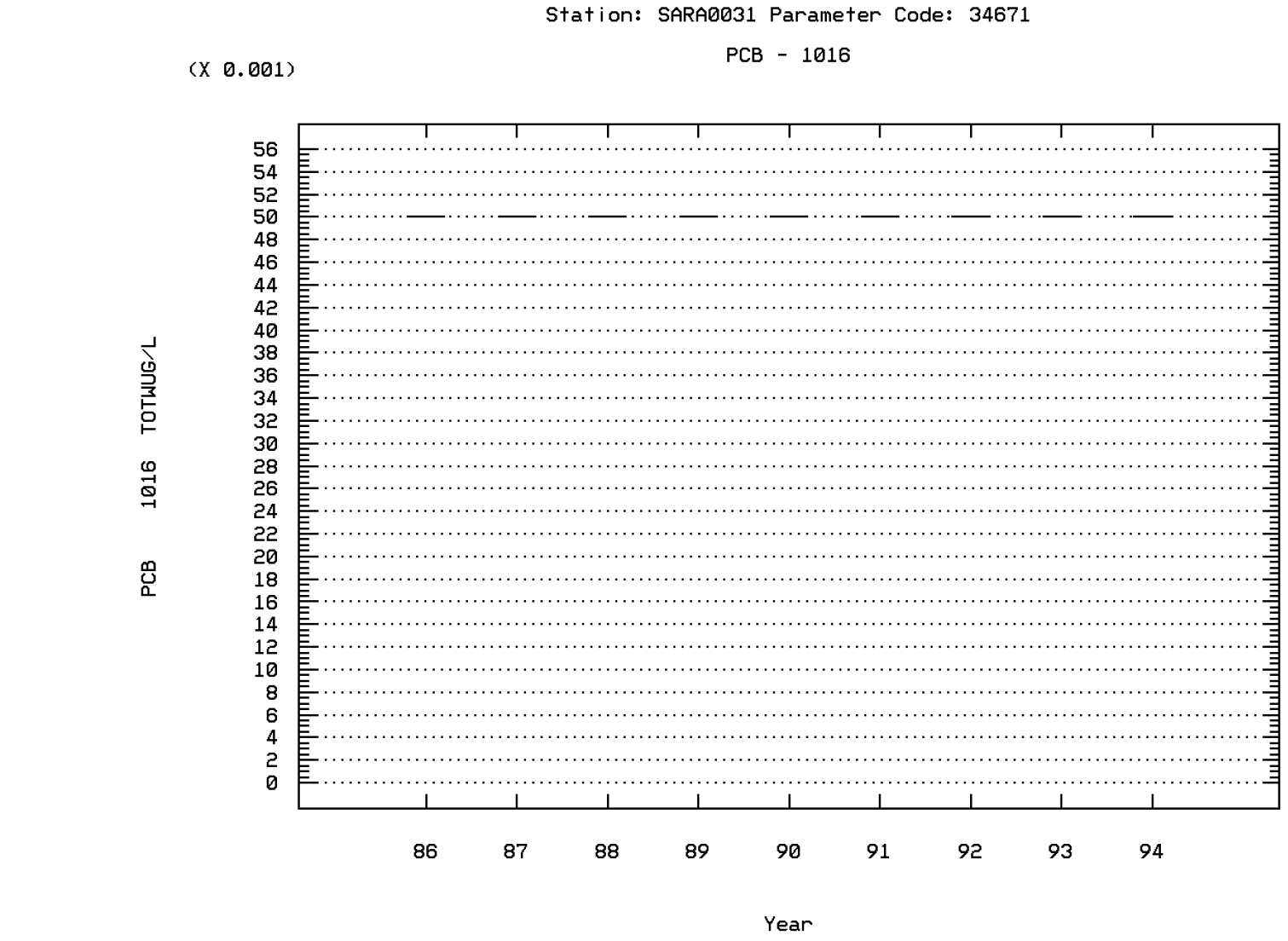
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34671p	PCB - 1016 TOTWUG/L	05/01/86-05/06/94	27 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39488p	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	27 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39492p	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	27 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39496p	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	27 ##	0.05	0.482	11.	0.005	4.439	2.107	0.01	0.015	0.09	0.288
39500p	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	27 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39504p	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	27 ##	0.005	0.059	1.1	0.005	0.044	0.21	0.005	0.005	0.05	0.062
39508p	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	27 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/21/75-09/14/93	22	5.	14.182	62.	1.	365.584	19.12	1.	2.	18.25	52.6

** - 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

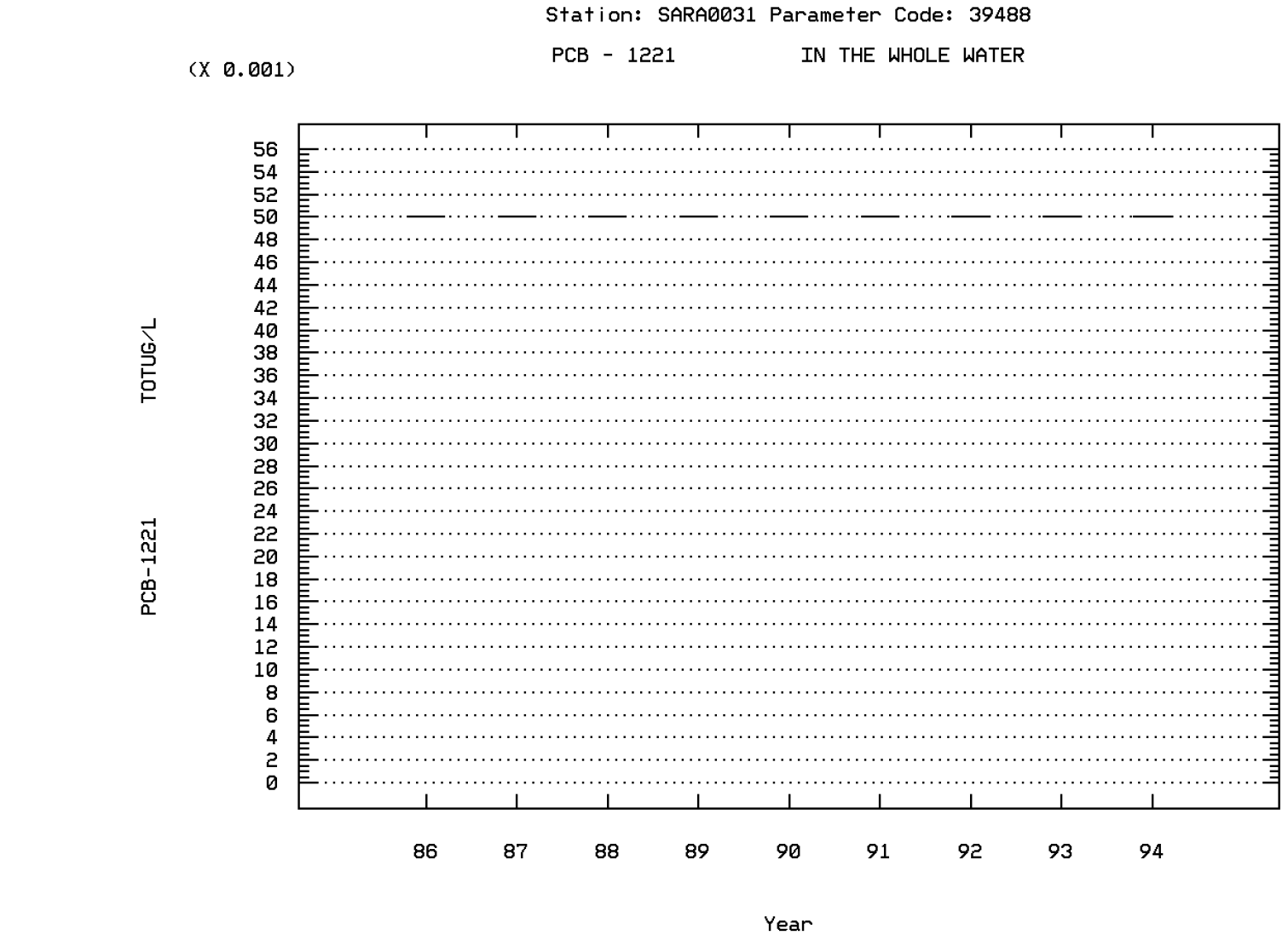
Annual Analysis for 1994 - Station SARA0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34671p	PCB - 1016 TOTWUG/L	05/01/86-05/06/94	20 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39488p	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	20 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39492p	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	20 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39496p	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	20 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39500p	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	20 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39504p	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	20 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39508p	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	20 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05

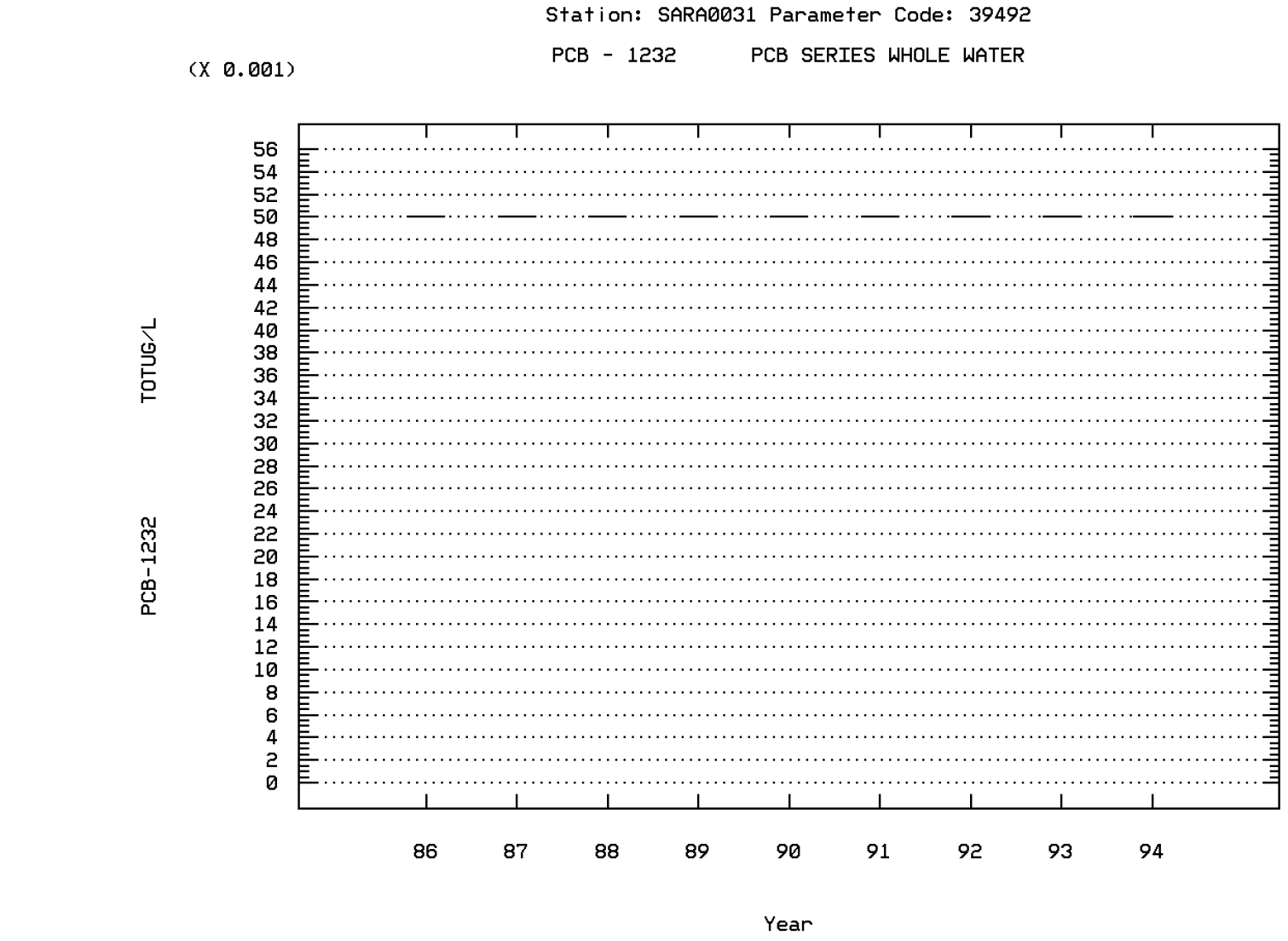
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot



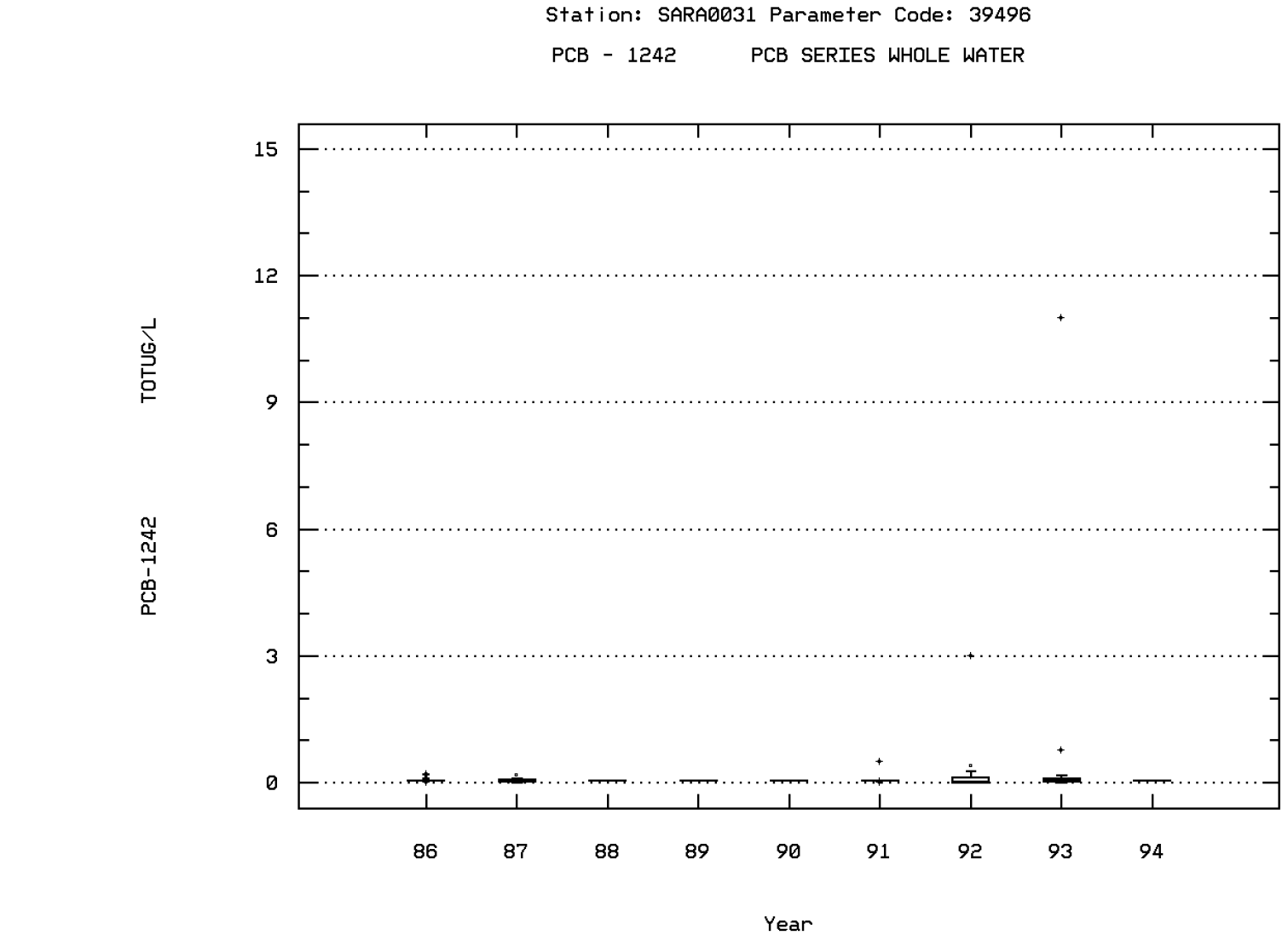
HUDSON RIVER AT ROGERS ISLAND AT FORT E



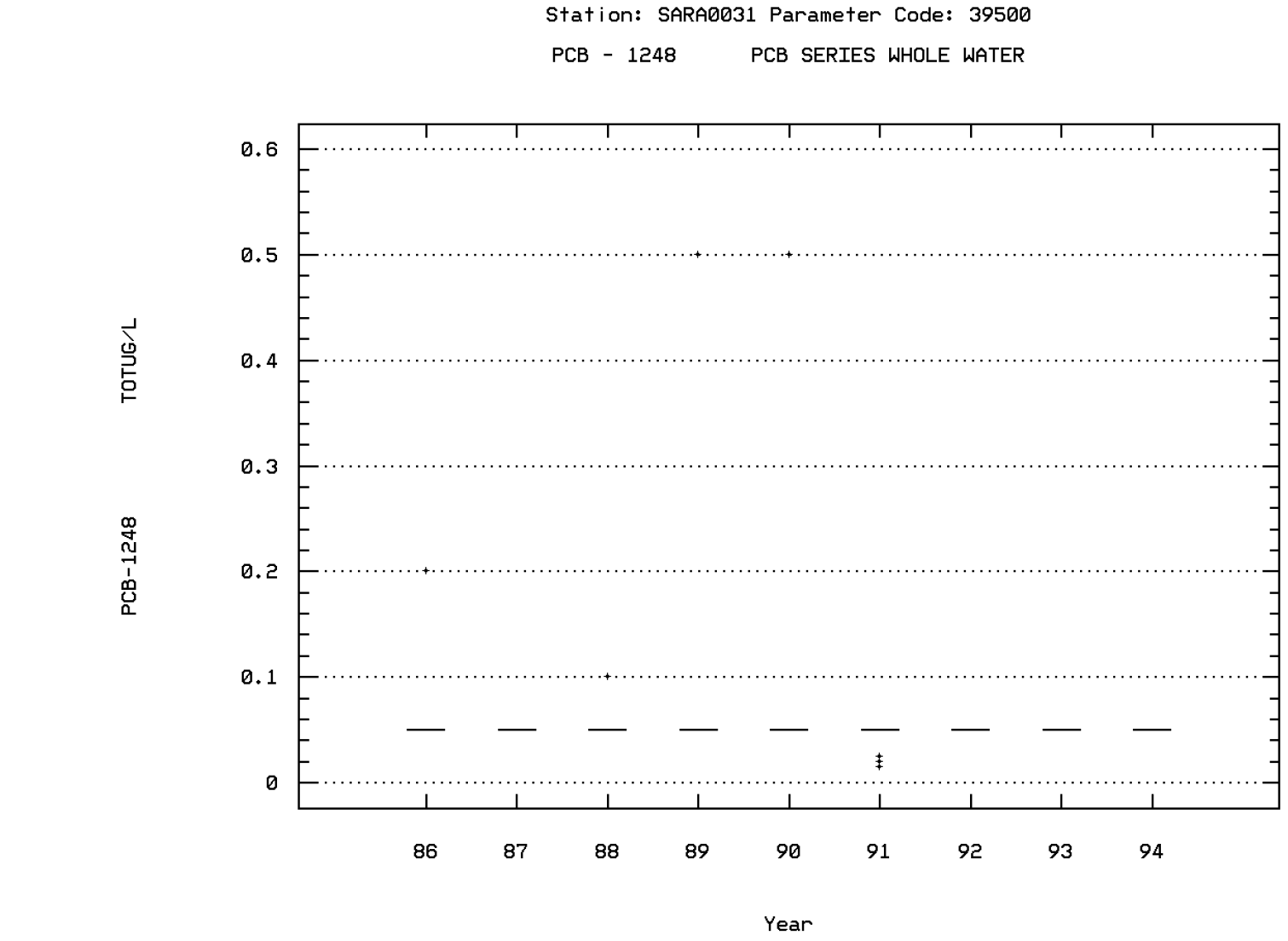
HUDSON RIVER AT ROGERS ISLAND AT FORT E



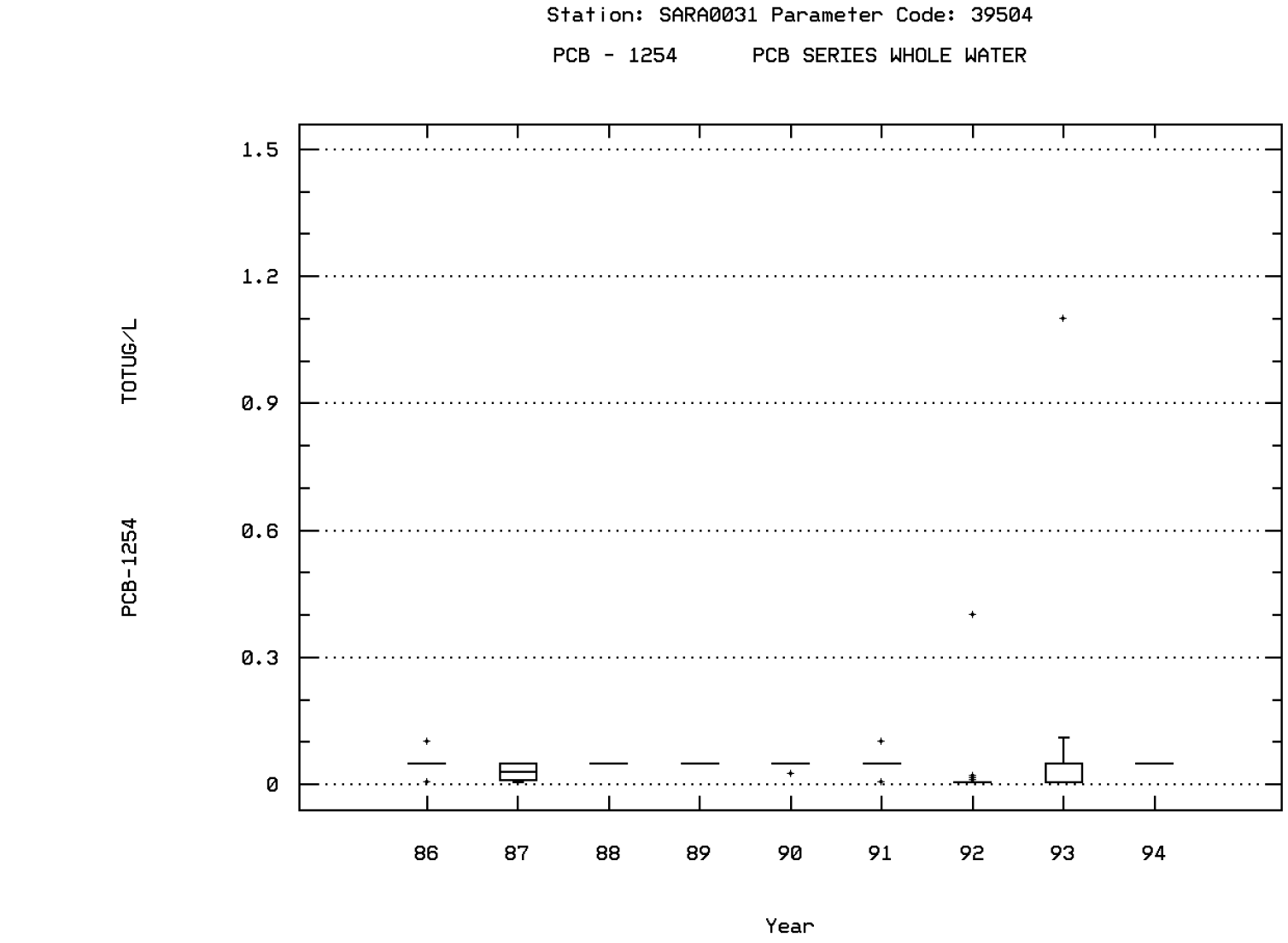
HUDSON RIVER AT ROGERS ISLAND AT FORT E



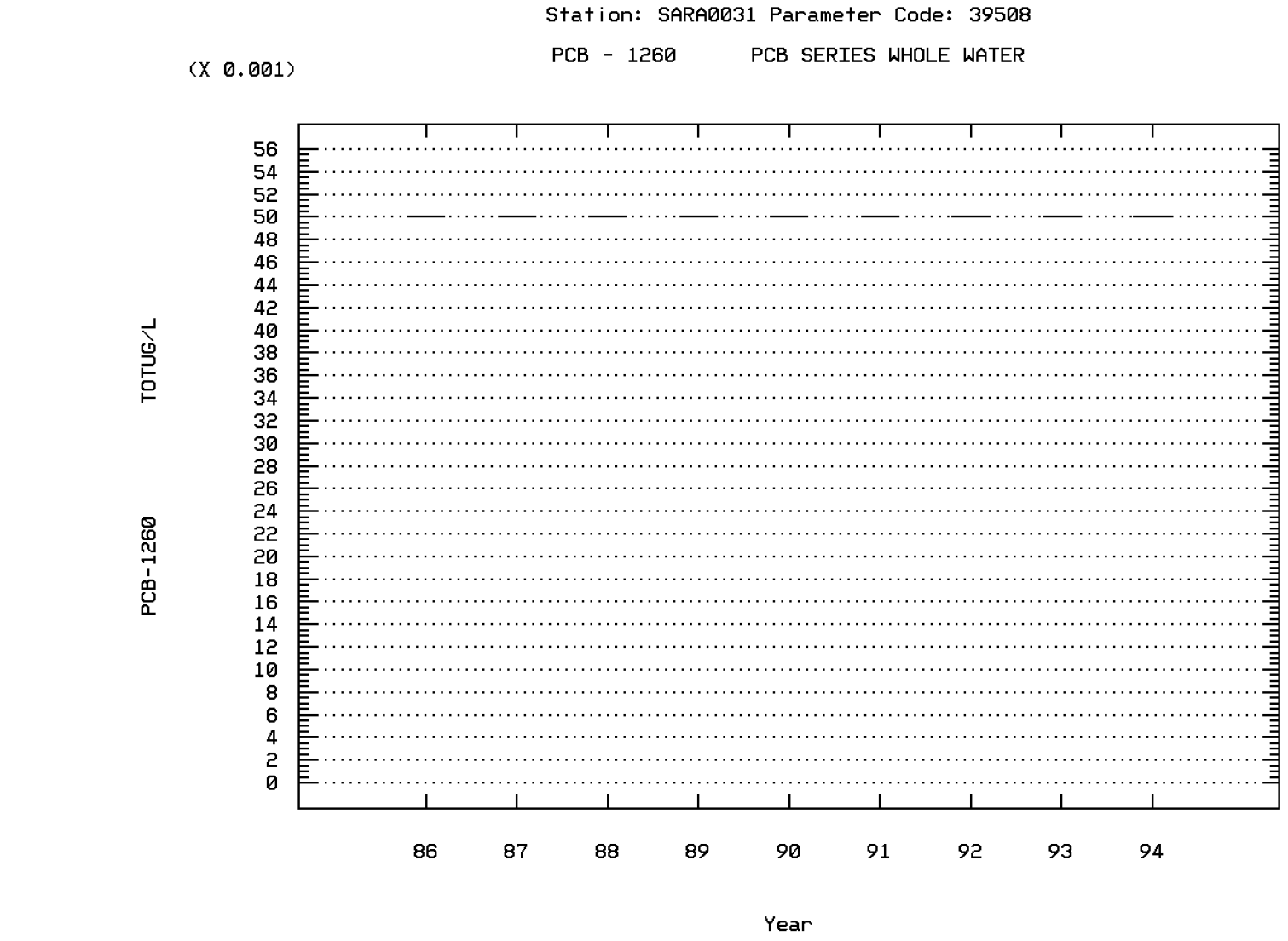
HUDSON RIVER AT ROGERS ISLAND AT FORT E



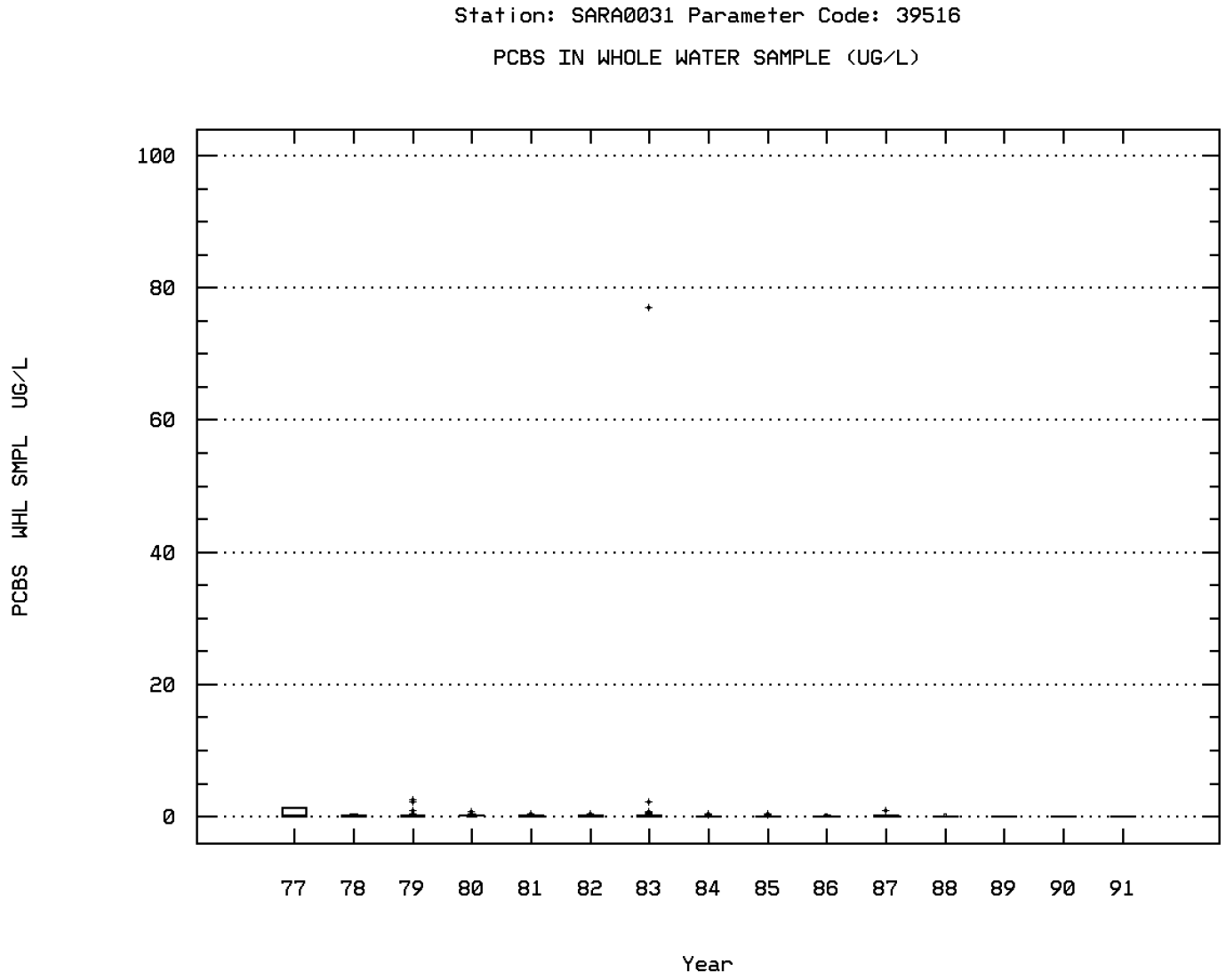
HUDSON RIVER AT ROGERS ISLAND AT FORT E



HUDSON RIVER AT ROGERS ISLAND AT FORT E



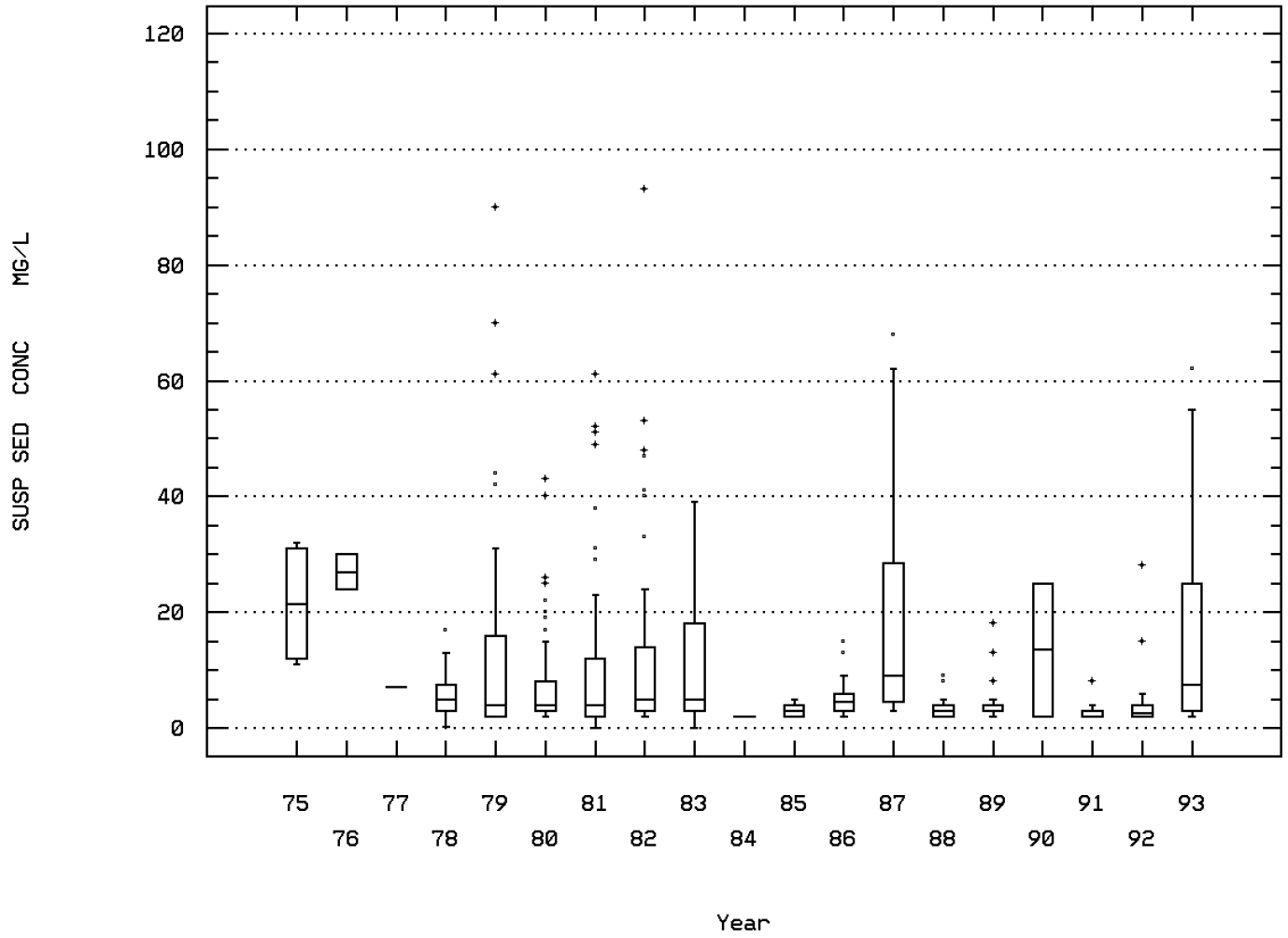
HUDSON RIVER AT ROGERS ISLAND AT FORT E



HUDSON RIVER AT ROGERS ISLAND AT FORT E

Station: SARA0031 Parameter Code: 80154

SUSP. SEDIMENT CONCENTRATION-EVAP. AT 1



HUDSON RIVER AT ROGERS ISLAND AT FORT E

Seasonal Analysis for Season #1: 9/20 to 2/29 - Station SARA0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/75-09/22/87	18	7.	8.322	19.	0.	40.081	6.331	0.	2.75	14.85	17.2
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/21/75-09/25/92	122	5167.	8273.803	23800.	1030.	45840666.44	6770.574	2780.	3675.	9870.	20760.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/21/75-08/06/85	29	61.	68.448	121.	48.	396.685	19.917	49.	53.	88.	98.
00400	PH (STANDARD UNITS)	03/29/76-09/20/88	34	7.225	7.2	8.5	5.9	0.145	0.38	6.75	7.1	7.3	7.5
00400	CONVERTED PH (STANDARD UNITS)	03/29/76-09/20/88	34	7.224	6.978	8.5	5.9	0.195	0.442	6.75	7.1	7.3	7.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/29/76-09/20/88	34	0.06	0.105	1.259	0.003	0.044	0.209	0.032	0.05	0.079	0.179
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/03/76-03/27/87	35	6.	6.629	23.	0.5	29.284	5.412	1.	3.	8.	13.4
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/03/76-03/27/87	34	2.5	2.853	8.	0.	6.553	2.56	0.	0.5	5.	6.5
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/21/75-12/08/87	9	0.5	0.684	1.2	0.31	0.119	0.345	0.31	0.395	1.05	1.2
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/21/75-12/08/87	9	0.23	0.307	0.66	0.19	0.025	0.16	0.19	0.21	0.395	0.66
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/21/75-12/08/87	9	0.02	0.022	0.05	0.01	0.	0.014	0.01	0.01	0.03	0.05
01027	CADMIUM, TOTAL (UG/L AS CD)	04/21/75-12/08/87	19 ##	0.5	0.711	5.	0.	1.092	1.045	0.5	0.5	0.5	0.5
01042	COPPER, TOTAL (UG/L AS CU)	04/21/75-12/08/87	19	5.	5.684	19.	0.	18.006	4.243	2.	3.	7.	10.
01045	IRON, TOTAL (UG/L AS FE)	04/21/75-12/08/87	28	200.	243.214	870.	150.	25504.101	159.7	150.	172.5	235.	375.
01051	LEAD, TOTAL (UG/L AS PB)	04/21/75-12/08/87	26 ##	2.5	12.346	190.	0.	1337.115	36.567	2.5	2.5	8.5	17.3
01055	MANGANESE, TOTAL (UG/L AS MN)	04/21/75-12/08/87	28	25.	32.5	130.	5.	669.444	25.874	9.5	20.	40.	80.
01092	ZINC, TOTAL (UG/L AS ZN)	04/21/75-12/08/87	19	10.	21.316	110.	5.	788.45	28.079	5.	5.	30.	80.
34671	PCB - 1016 TOTWUG/L	05/01/86-05/06/94	49 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	49 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	49 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	49 ##	0.05	0.061	0.5	0.005	0.006	0.074	0.01	0.05	0.05	0.1
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	49 ##	0.05	0.06	0.5	0.05	0.004	0.065	0.05	0.05	0.05	0.05
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	48 ##	0.05	0.044	0.1	0.005	0.	0.021	0.005	0.05	0.05	0.05
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	49 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	03/14/77-07/25/91	97	0.05	0.878	77.	0.	61.002	7.81	0.	0.025	0.1	0.2
71900	MERCURY, TOTAL (UG/L AS HG)	04/21/75-12/08/87	19 ##	0.05	0.061	0.25	0.05	0.002	0.046	0.05	0.05	0.05	0.05
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/21/75-09/14/93	108	3.	8.481	61.	1.	148.85	12.2	1.9	2.	8.	25.
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	04/21/75-12/17/87	63	62.	553.424	3760.	3.3	916469.606	957.324	17.2	26.	654.	2214.

** - Less than 9 observations ## - Computed 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: 3/01 to 4/30 - Station SARA0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/75-09/22/87	22	7.	11.518	22.	2.	84.041	9.167	2.	3.375	22.	22.
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/21/75-09/25/92	153	12000.	13222.791	32400.	1820.	58200619.456	7628.933	4286.	7330.	19100.	25100.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/21/75-08/06/85	64	64.	64.422	91.	44.	159.327	12.622	47.	55.	72.75	84.5
00400	PH (STANDARD UNITS)	03/29/76-09/20/88	11	7.15	7.118	7.6	6.6	0.088	0.297	6.62	6.9	7.35	7.55
00400	CONVERTED PH (STANDARD UNITS)	03/29/76-09/20/88	11	7.15	7.022	7.6	6.6	0.098	0.313	6.62	6.9	7.35	7.55
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/29/76-09/20/88	11	0.071	0.095	0.251	0.025	0.005	0.071	0.029	0.045	0.126	0.241
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/03/76-03/27/87	43	10.	15.209	65.	0.	319.86	17.885	0.5	2.	17.	48.6
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/03/76-03/27/87	43	1.	3.349	16.	0.	19.447	4.41	0.	0.	5.	11.8
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/21/75-12/08/87	14	0.495	0.541	1.1	0.22	0.068	0.261	0.23	0.308	0.663	1.045
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/21/75-12/08/87	14	0.44	0.446	0.71	0.31	0.013	0.113	0.315	0.338	0.525	0.65
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/21/75-12/08/87	14	0.01	0.021	0.05	0.005	0.	0.015	0.008	0.01	0.033	0.045
01027	CADMIUM, TOTAL (UG/L AS CD)	04/21/75-12/08/87	10 ##	0.5	0.9	5.	0.	2.156	1.468	0.	0.375	0.625	4.6
01042	COPPER, TOTAL (UG/L AS CU)	04/21/75-12/08/87	10	8.5	8.3	18.	3.	20.011	4.473	3.1	4.75	10.25	17.3
01045	IRON, TOTAL (UG/L AS FE)	04/21/75-12/08/87	40	410.	520.	1500.	120.	160097.436	400.122	151.	202.5	657.5	1290.
01051	LEAD, TOTAL (UG/L AS PB)	04/21/75-12/08/87	32	8.5	8.828	50.	0.	78.042	8.834	1.3	2.5	12.	13.7
01055	MANGANESE, TOTAL (UG/L AS MN)	04/21/75-12/08/87	40	35.	46.25	160.	5.	1017.628	31.9	20.	22.5	60.	89.
01092	ZINC, TOTAL (UG/L AS ZN)	04/21/75-12/08/87	10	20.	20.5	50.	5.	241.389	15.537	5.	5.	32.5	49.
34671	PCB - 1016 TOTWUG/L	05/01/86-05/06/94	78 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	78 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	78 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	80 ##	0.05	0.232	11.	0.005	1.602	1.266	0.01	0.04	0.05	0.1
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	79 ##	0.05	0.056	0.5	0.05	0.003	0.051	0.05	0.05	0.05	0.05
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	80 ##	0.05	0.053	1.1	0.005	0.016	0.127	0.005	0.006	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

Seasonal Analysis for Season #2: 3/01 to 4/30 - Station SARA0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	78 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	03/14/77-07/25/91	139	0.05	0.163	2.5	0.	0.131	0.362	0.005	0.03	0.1	0.4
71900	MERCURY, TOTAL (UG/L AS HG)	04/21/75-12/08/87	9 ##	0.05	0.111	0.25	0.05	0.009	0.093	0.05	0.05	0.225	0.25
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/21/75-09/14/93	159	9.	16.044	93.	0.	325.713	18.048	2.	3.	22.	42.
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	04/21/75-12/17/87	86	508.5	1074.523	6960.	14.	1953420.699	1397.648	47.8	98.75	1590.	2852.

** - Less than 9 observations ## - Computed 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: 5/01 to 6/30 - Station SARA0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/75-09/22/87	3	21.5	21.3	25.5	16.9	18.52	4.303	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/21/75-09/25/92	74	3810.	6985.027	34100.	967.	60226091.451	7760.547	2370.	2745.	6717.5	15550.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/21/75-08/06/85	24	61.5	70.625	121.	49.	425.462	20.627	49.5	54.5	83.	108.5
00400	PH (STANDARD UNITS)	03/29/76-09/20/88	5	7.2	7.37	7.75	7.1	0.082	0.286	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/29/76-09/20/88	5	7.2	7.304	7.75	7.1	0.088	0.296	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/29/76-09/20/88	5	0.063	0.05	0.079	0.018	0.001	0.027	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/03/76-03/27/87	18	6.	7.722	36.	0.	57.977	7.614	2.7	4.	8.5	13.5
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/03/76-03/27/87	18	2.5	3.	10.	0.	7.412	2.722	0.	0.75	5.	7.3
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/21/75-12/08/87	8	0.615	0.795	2.1	0.4	0.312	0.559	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/21/75-12/08/87	8	0.43	0.445	0.62	0.32	0.01	0.098	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/21/75-12/08/87	8	0.015	0.02	0.04	0.01	0.	0.013	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	04/21/75-12/08/87	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	04/21/75-12/08/87	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	04/21/75-12/08/87	14	200.	207.857	330.	130.	3418.132	58.465	140.	165.	232.5	325.
01051	LEAD, TOTAL (UG/L AS PB)	04/21/75-12/08/87	14	3.	6.143	38.	0.	104.44	10.22	0.	0.	8.5	26.5
01055	MANGANESE, TOTAL (UG/L AS MN)	04/21/75-12/08/87	14	30.	25.714	50.	5.	145.604	12.067	5.	20.	30.	45.
01092	ZINC, TOTAL (UG/L AS ZN)	04/21/75-12/08/87	2 ##	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
34671	PCB - 1016 TOTWUG/L	05/01/86-05/06/94	40 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	40 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	40 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	40 ##	0.05	0.048	0.06	0.01	0.	0.01	0.05	0.05	0.05	0.05
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	40 ##	0.05	0.054	0.2	0.05	0.001	0.024	0.05	0.05	0.05	0.05
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	40 ##	0.05	0.045	0.1	0.005	0.	0.019	0.005	0.05	0.05	0.05
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	40 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	03/14/77-07/25/91	74	0.05	0.104	0.7	0.	0.013	0.116	0.008	0.04	0.1	0.3
71900	MERCURY, TOTAL (UG/L AS HG)	04/21/75-12/08/87	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/21/75-09/14/93	78	3.	5.333	38.	1.	62.251	7.89	1.	2.	4.25	11.1
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	04/21/75-12/17/87	41	27.	43.424	386.	5.8	5381.226	73.357	12.2	17.5	39.	58.8

** - 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

Seasonal Analysis for Season #4: 7/01 to 9/19 - Station SARA0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/75-09/22/87	4	21.25	21.625	26.	18.	11.229	3.351	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/21/75-09/25/92	141	2750.	2734.574	4670.	941.	529343.175	727.56	1614.	2470.	3160.	3498.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/21/75-08/06/85	28	107.	107.714	136.	73.	204.804	14.311	87.6	99.25	118.	128.3
00400	PH (STANDARD UNITS)	03/29/76-09/20/88	14	7.35	7.412	7.72	7.2	0.028	0.167	7.2	7.3	7.525	7.685
00400	CONVERTED PH (STANDARD UNITS)	03/29/76-09/20/88	14	7.347	7.384	7.72	7.2	0.029	0.17	7.2	7.3	7.525	7.685
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/29/76-09/20/88	14	0.045	0.041	0.063	0.019	0.	0.015	0.021	0.03	0.05	0.063
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/03/76-03/27/87	64	3.	3.5	10.	0.	6.19	2.488	0.	2.	5.	6.5
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/03/76-03/27/87	61	2.	2.	10.	0.	4.067	2.017	0.	0.	3.	4.
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/21/75-12/08/87	10	0.805	0.842	1.9	0.29	0.228	0.478	0.296	0.478	1.015	1.84
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/21/75-12/08/87	10	0.435	0.481	0.87	0.28	0.037	0.193	0.285	0.368	0.543	0.862

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

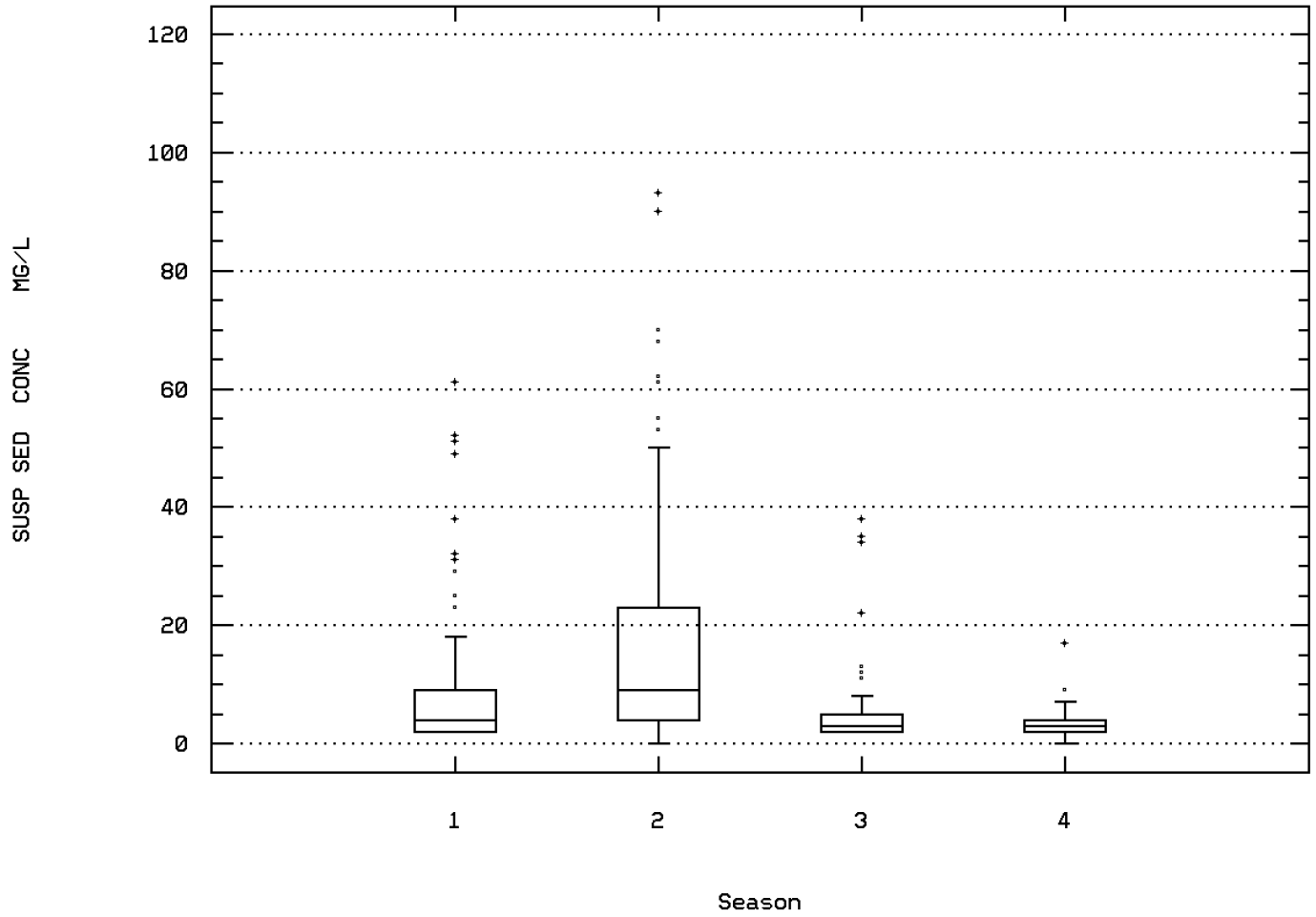
Seasonal Analysis for Season #4: 7/01 to 9/19 - Station SARA0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/21/75-12/08/87	10	0.02	0.023	0.04	0.01	0.	0.009	0.01	0.018	0.03	0.039
01027	CADMIUM, TOTAL (UG/L AS CD)	04/21/75-12/08/87	4 ##	0.5	1.625	5.	0.5	5.063	2.25	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	04/21/75-12/08/87	4	14.5	13.	20.	3.	64.667	8.042	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	04/21/75-12/08/87	24	165.	198.75	720.	110.	14646.196	121.021	120.	140.	215.	280.
01051	LEAD, TOTAL (UG/L AS PB)	04/21/75-12/08/87	24	4.5	6.042	22.	0.	34.107	5.84	0.	2.125	9.25	16.
01055	MANGANESE, TOTAL (UG/L AS MN)	04/21/75-12/08/87	24	35.	33.542	50.	5.	122.781	11.081	20.	30.	40.	50.
01092	ZINC, TOTAL (UG/L AS ZN)	04/21/75-12/08/87	4	35.	33.75	60.	5.	522.917	22.867	**	**	**	**
34671	PCB - 1016 TOTWUG/L	05/01/86-05/06/94	45 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	45 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	45 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	45 ##	0.05	0.066	0.39	0.005	0.004	0.063	0.05	0.05	0.05	0.106
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	45 ##	0.05	0.048	0.1	0.015	0.	0.012	0.04	0.05	0.05	0.05
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	45 ##	0.05	0.039	0.05	0.005	0.	0.019	0.005	0.02	0.05	0.05
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	05/01/86-05/06/94	45 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	03/14/77-07/25/91	132	0.1	0.116	0.4	0.	0.008	0.09	0.02	0.05	0.2	0.2
71900	MERCURY, TOTAL (UG/L AS HG)	04/21/75-12/08/87	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/21/75-09/14/93	142	3.	3.072	17.	0.	3.859	1.964	1.	2.	4.	5.
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	04/21/75-12/17/87	93	17.	21.718	126.	0.	271.038	16.463	6.3	14.	28.	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

Station: SARA0031 Parameter Code: 80154

SUSP. SEDIMENT CONCENTRATION-EVAP. AT 1



HUDSON RIVER AT ROGERS ISLAND AT FORT E

Station Inventory for Station: SARA0032

NPS Station ID: SARA0032
LAT/LON: 43.163060/ -73.591115
Agency: 112WRD
Date Created: / /
Location: TUTTLE BROOK NEAR SCHUYLERVILLE NY
FIPS State/County: 36091 NEW YORK/SARATOGA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 01328750
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02020003
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02020003
RF1 Mile Point: 0.000
Distance from RF1: 0.50
On/Off RF1:
RF3 Index: 02020003007701.29
RF3 Mile Point: 5.57
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: SARA0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/66-10/11/66	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	10/11/66-10/11/66	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/11/66-10/11/66	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/11/66-10/11/66	1	374.	374.	374.	374.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/11/66-10/11/66	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/11/66-10/11/66	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/66-10/11/66	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/66-10/11/66	1	157.	157.	157.	157.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	10/11/66-10/11/66	1	192.	192.	192.	192.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	10/11/66-10/11/66	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/11/66-10/11/66	1	176.	176.	176.	176.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/11/66-10/11/66	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/11/66-10/11/66	1	44.	44.	44.	44.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/11/66-10/11/66	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/11/66-10/11/66	1	7.15	7.15	7.15	7.15	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	10/11/66-10/11/66	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	10/11/66-10/11/66	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/11/66-10/11/66	1	2.6	2.6	2.6	2.6	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/11/66-10/11/66	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/11/66-10/11/66	1	29.	29.	29.	29.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/11/66-10/11/66	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/11/66-10/11/66	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/11/66-10/11/66	1	223.	223.	223.	223.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/11/66-10/11/66	1	0.66	0.66	0.66	0.66	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/11/66-10/11/66	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/11/66-10/11/66	1	0.1	0.1	0.1	0.1	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

EPA Water Quality Criteria Analysis for Station: SARA0032

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/20-2/29 Obs	9/20-2/29 Exceed	9/20-2/29 Prop.	3/01-4/30 Obs	3/01-4/30 Exceed	3/01-4/30 Prop.	5/01-6/30 Obs	5/01-6/30 Exceed	5/01-6/30 Prop.	7/01-9/19 Obs	7/01-9/19 Exceed	7/01-9/19 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	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: SARA0032

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/20-2/29 Obs	9/20-2/29 Exceed	9/20-2/29 Prop.	3/01-4/30 Obs	3/01-4/30 Exceed	3/01-4/30 Prop.	5/01-6/30 Obs	5/01-6/30 Exceed	5/01-6/30 Prop.	7/01-9/19 Obs	7/01-9/19 Exceed	7/01-9/19 Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	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 Inventory for Station: SARA0033

NPS Station ID: SARA0033
LAT/LON: 43.264448/ -73.591115
Agency: 21NYDEC1
Date Created: 08/15/87
Location: HUDSON RIVER IN FT. EDWARD AT ROUTE 197
FIPS State/County: 36115 NEW YORK/WASHINGTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 11010403
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02020003
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: UPPER HUDSON RIVER
ECO Region:
RF1 Index: 02020003
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02020003003308.64
RF3 Mile Point: 10.08
Distance from RF3: 0.28
On/Off RF3:
Description:

Parameter Inventory for Station: SARA0033

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: SARA0034

NPS Station ID: SARA0034
LAT/LON: 43.264448/ -73.591392
Agency: 21NYDEC1
Date Created: / /
Location: HUDSON RIVER
FIPS State/County: 36115 NEW YORK/WASHINGTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 11 0550
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02020003
Depth of Water: 0
Aquifer:
Major Basin: NYS MILE PT. - 192.1
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02020003057
RF1 Mile Point: 2.810
Distance from RF1: 27.90
On/Off RF1: ON
RF3 Index: 02020003009500.15
RF3 Mile Point: 2.24
Distance from RF3: 0.03
On/Off RF3:
Description:
LOCATION... AT MIDSTREAM OFF ROUTE 197 BRIDGE. DATE ACTIVATED..... 03-29-65
DATE DEACTIVATED..... 11-11-68 STREAM NAME..... HUDSON RIVER
STREAM INDEX..... H STREAM CLASSIFICATION..... D
TOPO MAP NAME.. HUDSON FALLS TOPO MAP NO... H-26-3
MILE POINT..... 192.1 GAZETTEER NO. 5724

Parameter Inventory for Station: SARA0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/65-09/30/68	50	11.	11.24	25.	0.	76.227	8.731	0.	1.	19.25	23.8
00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/24/65-09/30/68	49	7.	9.959	53.	2.	104.873	10.241	3.	4.	9.5	20.
00080	COLOR (PLATINUM-COBALT UNITS)	05/24/65-09/30/68	50	32.5	35.1	80.	8.	216.867	14.726	20.	25.	40.	59.4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/29/65-09/30/68	46	73.	79.435	155.	39.	676.873	26.017	52.4	58.75	98.	117.4
00300	OXYGEN, DISSOLVED MG/L	05/24/65-09/30/68	50	9.6	9.374	14.8	2.4	12.426	3.525	4.46	6.15	12.425	13.58
00310	BOD, 5 DAY, 20 DEG C MG/L	05/24/65-09/30/68	50	5.4	7.064	33.6	0.9	32.034	5.66	2.51	3.325	9.	13.6
00335	COD, .025N K2CR2O7 MG/L	03/29/65-09/30/68	48	30.15	34.977	95.6	4.1	563.538	23.739	11.36	16.325	55.1	67.74
00400	PH (STANDARD UNITS)	03/29/65-09/30/68	51	6.8	6.816	7.9	6.	0.174	0.417	6.2	6.6	7.	7.38
00400	CONVERTED PH (STANDARD UNITS)	03/29/65-09/30/68	51	6.8	6.632	7.9	6.	0.208	0.456	6.2	6.6	7.	7.38
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/29/65-09/30/68	51	0.158	0.234	1.	0.013	0.055	0.235	0.042	0.1	0.251	0.631
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/21/67-09/30/68	22	17.	16.955	24.	11.	14.426	3.798	11.3	14.	19.	23.7
00500	RESIDUE, TOTAL (MG/L)	03/29/65-09/30/68	48	133.5	133.042	300.	30.	3801.785	61.659	41.8	94.75	155.75	225.8
00510	RESIDUE, TOTAL FIXED (MG/L)	09/21/65-09/30/68	46	55.	58.239	191.	1.	1225.608	35.009	13.7	35.	76.75	97.1
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/21/65-09/30/68	46	23.	28.348	194.	2.	824.365	28.712	9.7	14.	34.	47.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	08/21/67-09/30/68	22	11.	13.273	70.	2.	199.541	14.126	2.3	4.75	17.	22.5
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/21/65-09/30/68	46	0.38	0.386	1.26	0.	0.079	0.281	0.	0.183	0.535	0.749
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/29/65-09/30/68	48	0.558	0.582	1.66	0.	0.118	0.343	0.019	0.393	0.818	1.013
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/21/65-09/30/68	46	0.005	0.006	0.025	0.	0.	0.005	0.001	0.002	0.008	0.014
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/29/65-09/30/68	48	0.14	0.171	0.75	0.	0.027	0.163	0.001	0.04	0.24	0.431
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/29/65-09/30/68	48	0.205	0.259	0.9	0.01	0.039	0.198	0.048	0.133	0.358	0.504
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/29/65-09/30/68	48	26.	26.729	44.	17.	40.414	6.357	19.9	22.	30.	37.3
00916	CALCIUM, TOTAL (MG/L AS CA)	03/29/65-09/30/68	48	8.25	8.306	12.	6.1	1.701	1.304	6.58	7.3	8.975	9.68
00927	MAGNESIUM, TOTAL (MG/L AS MG)	09/21/65-09/30/68	46	0.45	0.653	2.3	0.	0.51	0.714	0.	0.	1.225	1.73
00929	SODIUM, TOTAL (MG/L AS NA)	03/29/65-09/30/68	48	8.	9.55	33.	0.6	60.333	7.767	2.	3.	12.9	22.82
00937	POTASSIUM, TOTAL MG/L AS K)	03/29/65-09/30/68	48	0.5	0.553	1.3	0.01	0.11	0.331	0.181	0.3	0.8	1.
00940	CHLORIDE,TOTAL IN WATER MG/L	03/29/65-09/16/68	47	7.	7.064	19.	2.	15.974	3.997	2.	4.	9.	13.2

** - 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

Parameter Inventory for Station: SARA0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00945	SULFATE, TOTAL (MG/L AS SO4)	09/21/65-09/30/68	46	16.	16.043	36.	5.	32.22	5.676	9.4	13.	19.25	23.
01045	IRON, TOTAL (UG/L AS FE)	03/29/65-09/30/68	48	285.	337.083	1050.	60.	62459.397	249.919	89.	172.5	387.5	840.
01055	MANGANESE, TOTAL (UG/L AS MN)	03/29/65-09/30/68	48	30.	38.125	180.	0.	1330.452	36.475	0.	10.	47.5	91.
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	05/24/65-09/02/68	44	5050.	20220.227	244000.	100.	2006630979.017	44795.435	520.	1625.	10375.	65000.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	05/24/65-09/02/68	44	3.703	3.686	5.387	2.	0.545	0.738	2.711	3.211	4.013	4.812
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			4854.359								
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/24/67-09/30/68	6	4500.	17283.333	63000.	1700.	603925666.667	24574.899	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	07/24/67-09/30/68	6	3.581	3.823	4.799	3.23	0.443	0.666	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			6655.402								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	08/01/72-08/01/72	1	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: SARA0034

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/20-2/29 Obs	9/20-2/29 Exceed	9/20-2/29 Prop.	3/01-4/30 Obs	3/01-4/30 Exceed	3/01-4/30 Prop.	5/01-6/30 Obs	5/01-6/30 Exceed	5/01-6/30 Prop.	7/01-9/19 Obs	7/01-9/19 Exceed	7/01-9/19 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	49	1	0.02	22	1	0.05	8	0	0.00	8	0	0.00	11	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	50	4	0.08	22	0	0.00	8	0	0.00	9	0	0.00	11	4	0.36
00400	PH	Other-Hi Lim.	9.	51	0	0.00	22	0	0.00	9	0	0.00	9	0	0.00	11	0	0.00
		Other-Lo Lim.	6.5	51	12	0.24	22	4	0.18	9	1	0.11	9	0	0.00	11	7	0.64
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	46	0	0.00	20	0	0.00	7	0	0.00	8	0	0.00	11	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	48	0	0.00	20	0	0.00	8	0	0.00	9	0	0.00	11	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	47	0	0.00	19	0	0.00	8	0	0.00	9	0	0.00	11	0	0.00
		Drinking Water	250.	47	0	0.00	19	0	0.00	8	0	0.00	9	0	0.00	11	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	46	0	0.00	20	0	0.00	7	0	0.00	8	0	0.00	11	0	0.00
31503	COLIFORM,TOT,MEMBRANE FILTR,DELAY. M-END	Other-Hi Lim.	1000.	44	38	0.86	21	21	1.00	8	6	0.75	9	6	0.67	6	5	0.83
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	6	6	1.00	1	1	1.00							5	5	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: SARA0035

NPS Station ID: SARA0035
LAT/LON: 43.087503/ -73.592504
Agency: 112WRD
Date Created: 09/30/89
Location: FISH CREEK AT VICTORY MILLS NY
FIPS State/County: 36091 NEW YORK/SARATOGA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 01330912
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02020003
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02020003
RF1 Mile Point: 0.000
Distance from RF1: 5.30
On/Off RF1:
RF3 Index: 02020003000200.00
RF3 Mile Point: 2.41
Distance from RF3: 0.09
On/Off RF3:
Description:

Parameter Inventory for Station: SARA0035

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: SARA0036

NPS Station ID: SARA0036 LAT/LON: 43.269448/ -73.595282 Agency: 21NYDECA Date Created: 02/18/89
Location: U.HUDSON R. IN FT.EDWARD @ PAPER MILL INTAKE FIPS State/County: 36115 NEW YORK/WASHINGTON
Station Type: /TYPA/AMBNT/STREAM/NET STORET Station ID(s): 11010191
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02020003 Depth of Water: 0 Aquifer:
Major Basin: NORTHEAST Elevation: 0 Water Body Id: U.HUDSON R. IN FT.EDWARD
Minor Basin: UPPER HUDSON RIVER ECO Region:
RF1 Index: 02020003 RF1 Mile Point: 0.000 Distance from RF1: 1.10 On/Off RF1:
RF3 Index: 02020003003200.00 RF3 Mile Point: 0.00 Distance from RF3: 0.07 On/Off RF3:
Description:

Parameter Inventory for Station: SARA0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/23/64-11/09/64	8	20.	17.75	28.	7.	56.214	7.498	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/23/64-11/09/64	8	12.	14.5	25.	4.	62.286	7.892	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/23/64-11/09/64	8	7.	7.05	12.8	3.6	7.449	2.729	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	04/23/64-11/09/64	8	6.6	7.288	14.	4.1	10.97	3.312	**	**	**	**
00400	PH (STANDARD UNITS)	04/23/64-11/09/64	8	6.55	6.613	7.5	6.1	0.173	0.416	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/23/64-11/09/64	8	6.525	6.485	7.5	6.1	0.191	0.437	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/64-11/09/64	8	0.299	0.327	0.794	0.032	0.053	0.23	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/23/64-11/09/64	8	9800.	8525.	16000.	1300.	28605000.	5348.364	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/23/64-11/09/64	8	3.991	3.81	4.204	3.114	0.156	0.394	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			6461.361								

** - 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 time series plot

EPA Water Quality Criteria Analysis for Station: SARA0036

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/20-2/29 Obs	9/20-2/29 Exceed	9/20-2/29 Prop.	3/01-4/30 Obs	3/01-4/30 Exceed	3/01-4/30 Prop.	5/01-6/30 Obs	5/01-6/30 Exceed	5/01-6/30 Prop.	7/01-9/19 Obs	7/01-9/19 Exceed	7/01-9/19 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	8	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00	3	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	8	1	0.13	2	0	0.00	1	0	0.00	2	0	0.00	3	1	0.33
00400	PH	Other-Hi Lim.	9.	8	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00	3	0	0.00
		Other-Lo Lim.	6.5	8	4	0.50	2	2	1.00	1	0	0.00	2	1	0.50	3	1	0.33
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	8	8	1.00	2	2	1.00	1	1	1.00	2	2	1.00	3	3	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: SARA0037

NPS Station ID: SARA0037
LAT/LON: 43.269448/ -73.596392
Agency: 112WRD
Date Created: / /
Location: HUDSON RIVER AT FORT EDWARD, NY
FIPS State/County: 36115 NEW YORK/WASHINGTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 01327750
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02020003
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02020003057
RF1 Mile Point: 3.690
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02020003020600.00
RF3 Mile Point: 0.00
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: SARA0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/22/70-10/22/70	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/22/70-10/22/70	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/01/83-02/01/83	1	3930.	3930.	3930.	3930.	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/08/74-04/28/75	11	5.	6.091	10.	3.	6.291	2.508	3.	4.	9.	9.8
00080	COLOR (PLATINUM-COBALT UNITS)	04/07/69-05/29/75	65	24.	26.569	200.	2.	596.312	24.419	8.6	17.	33.5	39.4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/07/69-05/29/75	126	69.5	72.373	176.	44.	294.652	17.165	55.	63.75	79.25	93.3
00300	OXYGEN, DISSOLVED MG/L	10/22/70-10/22/70	1	9.8	9.8	9.8	9.8	0.	0.	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	04/07/69-05/29/75	124	17.	18.605	107.	2.	134.42	11.594	8.	12.	22.75	31.
00400	PH (STANDARD UNITS)	04/07/69-07/08/74	115	6.7	6.668	7.4	5.6	0.073	0.271	6.36	6.5	6.8	7.
00400	CONVERTED PH (STANDARD UNITS)	04/07/69-07/08/74	115	6.7	6.555	7.4	5.6	0.086	0.294	6.36	6.5	6.8	7.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/07/69-07/08/74	115	0.2	0.278	2.512	0.04	0.112	0.335	0.1	0.158	0.316	0.439
00405	CARBON DIOXIDE (MG/L AS CO2)	04/26/72-07/08/74	31	4.3	4.735	11.	1.2	6.08	2.466	2.24	2.8	6.	9.36
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/07/69-05/29/75	126	11.	11.508	30.	3.	9.548	3.09	8.	10.	13.	15.
00440	BICARBONATE ION (MG/L AS HCO3)	04/07/69-05/29/75	126	14.	14.151	36.	4.	13.697	3.701	10.	12.	16.	18.
00445	CARBONATE ION (MG/L AS CO3)	04/07/69-07/08/74	115	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00500	RESIDUE, TOTAL (MG/L)	01/20/71-05/29/75	80	58.	66.125	214.	44.	694.465	26.353	48.	53.	72.75	85.7
00505	RESIDUE, TOTAL VOLATILE (MG/L)	04/23/69-04/27/71	52	14.	15.577	67.	1.	90.798	9.529	7.3	10.25	18.	22.
00510	RESIDUE, TOTAL FIXED (MG/L)	01/20/71-05/29/75	80	38.	43.5	155.	22.	429.367	20.721	31.1	34.	44.75	58.
00525	RESIDUE, FIXED FILTRABLE (MG/L)	02/01/71-09/26/72	40	2.	3.525	18.	0.	18.307	4.279	0.	1.	4.	8.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/20/71-05/29/75	80	7.5	10.475	52.	0.	88.632	9.414	3.	5.	13.	21.9
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10/24/72-05/29/75	38	5.	5.921	36.	0.	48.615	6.972	0.	1.75	7.	14.3
00600	NITROGEN, TOTAL (MG/L AS N)	07/07/71-05/29/75	51	1.1	1.19	2.6	0.61	0.172	0.415	0.796	0.9	1.4	1.682
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/07/69-05/29/75	125	0.32	0.383	1.8	0.	0.08	0.282	0.12	0.18	0.515	0.747
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	07/07/71-09/18/73	48	0.228	0.3	1.12	0.02	0.057	0.239	0.116	0.17	0.35	0.671
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/16/73-05/29/75	21	0.26	0.3	0.78	0.005	0.037	0.192	0.098	0.16	0.365	0.644
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/07/71-09/18/73	48	0.007	0.009	0.052	0.002	0.	0.009	0.004	0.005	0.01	0.014
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/16/73-05/29/75	21	0.01	0.014	0.07	0.004	0.	0.017	0.005	0.005	0.01	0.052
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/07/71-09/18/73	48	0.345	0.405	1.3	0.19	0.056	0.237	0.22	0.26	0.455	0.673
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/16/73-05/29/75	21	0.48	0.532	1.6	0.2	0.089	0.299	0.258	0.355	0.59	0.854
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/07/73-05/29/75	24	0.605	0.682	2.	0.31	0.125	0.353	0.32	0.455	0.863	0.94
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/16/73-05/29/75	21	0.48	0.544	1.6	0.21	0.087	0.295	0.316	0.36	0.61	0.862
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/30/73-09/18/73	5	0.9	0.84	1.3	0.4	0.183	0.428	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	02/02/72-09/26/72	17	0.06	0.075	0.39	0.	0.007	0.085	0.024	0.04	0.08	0.174
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/24/72-04/15/74	24	0.03	0.034	0.14	0.	0.001	0.037	0.	0.	0.048	0.095
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/15/70-05/29/75	86	0.02	0.028	0.16	0.	0.001	0.023	0.01	0.02	0.03	0.045
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/11/72-04/15/74	36	0.005	0.009	0.087	0.	0.	0.015	0.001	0.001	0.011	0.021
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/14/74-05/29/75	11	5.6	7.	14.	4.	9.372	3.061	4.08	4.5	9.	13.12
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	10/11/72-04/08/75	23	0.	0.003	0.01	0.	0.	0.005	0.	0.	0.01	0.01

** - Less 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: SARA0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/07/69-04/15/74	112	22.	22.571	49.	15.	14.986	3.871	20.	20.25	24.	26.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/07/69-04/15/74	112	11.	11.17	25.	6.	8.899	2.983	8.	9.	12.75	15.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/07/69-04/15/74	112	7.	7.113	15.	4.9	1.342	1.158	6.	6.425	7.5	8.1
00916	CALCIUM, TOTAL (MG/L AS CA)	05/14/74-04/28/75	13	7.7	8.015	12.	5.	4.105	2.026	5.2	6.65	9.4	11.6
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/07/69-04/15/74	112	1.1	1.18	2.9	0.7	0.091	0.302	0.9	1.	1.2	1.4
00927	MAGNESIUM, TOTAL (MG/L AS MG)	05/14/74-05/29/75	14	1.5	1.579	2.9	0.9	0.382	0.618	0.9	1.	2.	2.65
00929	SODIUM, TOTAL (MG/L AS NA)	05/14/74-05/29/75	14	3.1	3.75	6.5	2.	2.013	1.419	2.2	2.725	4.75	6.25
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/07/69-04/15/74	112	3.	3.733	9.9	1.4	2.958	1.72	2.2	2.7	4.5	6.47
00931	SODIUM ADSORPTION RATIO	04/07/69-04/15/74	93	0.3	0.354	0.9	0.1	0.026	0.161	0.2	0.2	0.4	0.6
00932	SODIUM, PERCENT	04/07/69-04/15/74	93	24.	25.903	47.	12.	56.175	7.495	19.	20.5	30.	38.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/07/69-04/15/74	112	0.4	0.404	2.8	0.2	0.075	0.274	0.2	0.3	0.4	0.6
00937	POTASSIUM, TOTAL MG/L AS K)	05/14/74-05/29/75	14	0.5	0.557	0.9	0.3	0.041	0.203	0.3	0.4	0.725	0.9
00940	CHLORIDE,TOTAL IN WATER MG/L	04/07/69-05/29/75	126	4.	4.429	9.	2.	3.175	1.782	2.	3.	5.25	7.
00945	SULFATE, TOTAL (MG/L AS SO4)	04/07/69-05/29/75	126	12.	13.738	46.	8.	20.467	4.524	10.	11.	15.	19.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/07/69-04/15/74	112	0.07	0.081	0.7	0.	0.007	0.086	0.	0.05	0.1	0.135
00951	FLUORIDE, TOTAL (MG/L AS F)	05/14/74-06/11/74	2	0.15	0.15	0.2	0.1	0.005	0.071	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/07/69-06/11/74	114	5.	4.973	6.9	2.6	0.992	0.996	3.5	4.3	5.7	6.4
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/22/70-09/12/72	7	5.	4.571	9.	0.	11.619	3.409	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	10/11/72-04/08/75	28 ##	0.5	1.464	10.	0.5	6.943	2.635	0.5	0.5	0.5	6.4
01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/22/70-10/22/70	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	10/11/72-01/22/74	13	3.	3.385	10.	0.	8.423	2.902	0.4	1.	5.	8.8
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	10/22/70-01/22/74	13	0.	2.308	20.	0.	35.897	5.991	0.	0.	0.	16.
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/11/72-01/22/74	13 ##	0.	4.615	20.	0.	43.59	6.602	0.	0.	10.	16.
01035	COBALT, DISSOLVED (UG/L AS CO)	10/22/70-10/22/70	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	10/27/71-04/08/75	33 ##	10.	7.636	40.	0.	94.364	9.714	0.	0.	10.	20.
01045	IRON, TOTAL (UG/L AS FE)	02/06/73-05/29/75	27	270.	338.889	1000.	40.	45248.718	212.717	140.	210.	450.	666.
01046	IRON, DISSOLVED (UG/L AS FE)	10/22/70-10/22/70	1	150.	150.	150.	150.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	10/22/70-10/22/70	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	02/02/72-04/08/75	29	11.	14.241	65.	0.	242.618	15.576	3.	6.	14.5	47.
01055	MANGANESE, TOTAL (UG/L AS MN)	04/07/69-05/29/75	67	30.	43.478	510.	0.	7296.496	85.42	0.	10.	50.	80.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/22/70-10/22/70	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	10/22/70-10/22/70	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	10/11/72-01/22/74	15 ##	0.	32.667	110.	0.	1735.238	41.656	0.	0.	60.	104.
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/07/69-06/11/74	112	0.04	0.05	0.96	0.01	0.008	0.089	0.02	0.03	0.05	0.07
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	02/01/83-02/01/83	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/23/69-04/27/71	52	56.	56.923	119.	38.	151.092	12.292	44.	48.5	62.	68.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/07/69-04/15/74	112	43.	44.679	93.	29.	78.689	8.871	37.	40.	48.	53.7
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/07/69-04/15/74	112	0.06	0.068	0.16	0.04	0.	0.017	0.05	0.06	0.08	0.09
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/14/74-05/29/75	14	0.01	0.014	0.04	0.005	0.	0.009	0.005	0.01	0.02	0.03
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/07/69-09/18/73	105	0.28	0.457	2.2	0.01	0.232	0.481	0.08	0.155	0.51	1.14
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/07/69-09/18/73	105	1.2	1.429	5.7	0.	0.94	0.97	0.6	0.9	1.75	2.48
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	04/07/69-09/18/73	105	0.02	0.031	0.17	0.01	0.001	0.024	0.01	0.02	0.03	0.06
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	10/15/70-09/18/73	66	5.	26.212	380.	0.	3374.662	58.092	0.	0.	30.	66.
71885	IRON (UG/L AS FE)	04/07/69-09/18/73	104	140.	307.115	15000.	40.	2129847.909	1459.4	70.	100.	190.	285.
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/07/69-05/29/75	72	0.07	0.076	0.21	0.	0.001	0.034	0.04	0.06	0.09	0.12
71887	NITROGEN, TOTAL, AS NO3 - MG/L	10/16/73-05/29/75	21	5.2	5.657	12.	3.5	4.135	2.033	3.62	4.05	6.65	8.76
71890	MERCURY, DISSOLVED (UG/L AS HG)	10/22/70-10/22/70	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	10/22/70-04/08/75	31 ##	0.25	1.798	34.	0.25	37.324	6.109	0.25	0.25	0.25	2.72

** - Less 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: SARA0037

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/20-2/29 Obs	9/20-2/29 Exceed	9/20-2/29 Prop.	3/01-4/30 Obs	3/01-4/30 Exceed	3/01-4/30 Prop.	5/01-6/30 Obs	5/01-6/30 Exceed	5/01-6/30 Prop.	7/01-9/19 Obs	7/01-9/19 Exceed	7/01-9/19 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	11	0	0.00	5	0	0.00	3	0	0.00				3	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00400	PH	Other-Hi Lim.	9.	115	0	0.00	47	0	0.00	21	0	0.00	21	0	0.00	26	0	0.00
		Other-Lo Lim.	6.5	115	29	0.25	47	15	0.32	21	1	0.05	21	3	0.14	26	10	0.38
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	48	0	0.00	21	0	0.00	7	0	0.00	6	0	0.00	14	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: SARA0037

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/20-2/29 Obs	9/20-2/29 Exceed	9/20-2/29 Prop.	3/01-4/30 Obs	3/01-4/30 Exceed	3/01-4/30 Prop.	5/01-6/30 Obs	5/01-6/30 Exceed	5/01-6/30 Prop.	7/01-9/19 Obs	7/01-9/19 Exceed	7/01-9/19 Prop.
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	21	0	0.00	10	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	48	0	0.00	21	0	0.00	7	0	0.00	6	0	0.00	14	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	21	0	0.00	10	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	21	0	0.00	10	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	5	0	0.00							2	0	0.00	3	0	0.00
00720	CYANIDE, TOTAL	Fresh Acute	0.022	23	0	0.00	10	0	0.00	4	0	0.00	5	0	0.00	4	0	0.00
		Drinking Water	0.2	23	0	0.00	10	0	0.00	4	0	0.00	5	0	0.00	4	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	126	0	0.00	52	0	0.00	24	0	0.00	22	0	0.00	28	0	0.00
		Drinking Water	250.	126	0	0.00	52	0	0.00	24	0	0.00	22	0	0.00	28	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	126	0	0.00	52	0	0.00	24	0	0.00	22	0	0.00	28	0	0.00
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	112	0	0.00	47	0	0.00	21	0	0.00	19	0	0.00	25	0	0.00
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	2	0	0.00							2	0	0.00			
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	7	0	0.00	4	0	0.00				2	0	0.00	1	0	0.00
		Drinking Water	50.	7	0	0.00	4	0	0.00				2	0	0.00	1	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	28	0	0.00	13	0	0.00	5	0	0.00	5	0	0.00	5	0	0.00
		Drinking Water	50.	28	0	0.00	13	0	0.00	5	0	0.00	5	0	0.00	5	0	0.00
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
01027	CADMIUM, TOTAL	Fresh Acute	3.9	12 &	4	0.33	5	3	0.60	2	0	0.00	3	0	0.00	2	1	0.50
		Drinking Water	5.	12 &	4	0.33	5	3	0.60	2	0	0.00	3	0	0.00	2	1	0.50
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	13	1	0.08	7	1	0.14	2	0	0.00	2	0	0.00	2	0	0.00
		Drinking Water	100.	13	0	0.00	7	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	13	0	0.00	6	0	0.00	2	0	0.00	3	0	0.00	2	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	33	5	0.15	16	2	0.13	4	1	0.25	7	1	0.14	6	1	0.17
		Drinking Water	1300.	33	0	0.00	16	0	0.00	4	0	0.00	7	0	0.00	6	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	1	0	0.00	1	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	29	0	0.00	12	0	0.00	4	0	0.00	7	0	0.00	6	0	0.00
		Drinking Water	15.	29	7	0.24	12	4	0.33	4	1	0.25	7	0	0.00	6	2	0.33
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	15	0	0.00	8	0	0.00	2	0	0.00	3	0	0.00	2	0	0.00
		Drinking Water	5000.	15	0	0.00	8	0	0.00	2	0	0.00	3	0	0.00	2	0	0.00
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	105	0	0.00	42	0	0.00	19	0	0.00	19	0	0.00	25	0	0.00
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	105	0	0.00	42	0	0.00	19	0	0.00	19	0	0.00	25	0	0.00
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									
71900	MERCURY, TOTAL	Fresh Acute	2.4	31	4	0.13	15	2	0.13	4	0	0.00	6	1	0.17	6	1	0.17
		Drinking Water	2.	31	5	0.16	15	3	0.20	4	0	0.00	6	1	0.17	6	1	0.17

& - 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 SARA0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/07/69-05/29/75	18	76.5	75.444	101.	44.	224.85	14.995	51.2	66.75	85.	97.4
00335	COD, .025N K2CR2O7 MG/L	04/07/69-05/29/75	18	19.	18.167	31.	3.	46.735	6.836	8.4	14.25	22.5	26.5
00400	PH (STANDARD UNITS)	04/07/69-07/08/74	18	6.65	6.617	7.4	5.6	0.173	0.416	6.05	6.375	6.825	7.13
00400	CONVERTED PH (STANDARD UNITS)	04/07/69-07/08/74	18	6.647	6.395	7.4	5.6	0.225	0.475	6.05	6.375	6.825	7.13
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/07/69-07/08/74	18	0.225	0.403	2.512	0.04	0.325	0.57	0.075	0.15	0.424	0.966
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/07/69-05/29/75	18	11.	10.944	15.	7.	4.879	2.209	7.9	8.75	13.	13.2
00440	BICARBONATE ION (MG/L AS HCO3)	04/07/69-05/29/75	18	14.	13.5	18.	9.	6.853	2.618	9.9	10.75	16.	16.2
00445	CARBONATE ION (MG/L AS CO3)	04/07/69-07/08/74	18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/07/69-05/29/75	18	0.12	0.148	0.53	0.02	0.013	0.112	0.029	0.085	0.173	0.269
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/07/69-04/15/74	18	22.	21.611	26.	15.	6.134	2.477	18.6	20.	24.	24.2
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/07/69-04/15/74	18	10.	10.722	16.	7.	5.742	2.396	7.9	8.75	12.	14.2
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/07/69-04/15/74	18	7.15	7.061	8.1	4.9	0.64	0.8	6.25	6.4	7.775	8.01
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/07/69-04/15/74	18	1.	1.	1.3	0.7	0.018	0.133	0.79	0.9	1.1	1.12
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/07/69-04/15/74	18	5.9	5.561	9.9	1.9	4.821	2.196	2.17	3.9	7.15	8.1
00931	SODIUM ADSORPTION RATIO	04/07/69-04/15/74	18	0.55	0.511	0.9	0.2	0.041	0.203	0.2	0.375	0.7	0.72
00932	SODIUM, PERCENT	04/07/69-04/15/74	18	37.	34.111	47.	17.	75.046	8.663	19.7	27.5	41.	43.4
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/07/69-04/15/74	18	0.3	0.322	0.6	0.2	0.01	0.1	0.2	0.3	0.325	0.51
00940	CHLORIDE,TOTAL IN WATER MG/L	04/07/69-05/29/75	18	7.	6.278	9.	2.	4.565	2.137	2.9	4.75	8.	9.
00945	SULFATE, TOTAL (MG/L AS SO4)	04/07/69-05/29/75	18	13.	13.389	20.	9.	7.663	2.768	9.9	11.75	14.25	19.1
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/07/69-04/15/74	18	0.1	0.111	0.7	0.	0.025	0.157	0.	0.	0.1	0.25
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/07/69-06/11/74	18	3.9	4.106	6.4	2.6	0.826	0.909	3.05	3.5	4.625	5.32
01055	MANGANESE, TOTAL (UG/L AS MN)	04/07/69-05/29/75	18	10.	10.556	40.	0.	134.967	11.618	0.	0.	20.	31.
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/07/69-06/11/74	18	0.06	0.062	0.1	0.04	0.	0.016	0.04	0.05	0.07	0.082
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/07/69-04/15/74	18	46.	45.333	55.	29.	48.588	6.971	36.2	40.5	51.	55.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/07/69-04/15/74	18	0.075	0.076	0.1	0.05	0.	0.015	0.059	0.068	0.083	0.1
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/07/69-09/18/73	18	0.115	0.142	0.34	0.03	0.008	0.089	0.048	0.08	0.175	0.331
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/07/69-09/18/73	18	0.65	0.697	2.4	0.	0.387	0.622	0.036	0.1	0.975	1.59
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	04/07/69-09/18/73	18	0.025	0.026	0.04	0.01	0.	0.008	0.019	0.02	0.03	0.04
71885	IRON (UG/L AS FE)	04/07/69-09/18/73	18	145.	161.111	320.	60.	4610.458	67.9	78.	117.5	202.5	266.

** - Less than 9 observations ## - Computed with 50% or 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 SARA0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/07/69-05/29/75	26	75.	76.192	139.	45.	243.362	15.6	63.	69.5	81.	84.9
00335	COD, .025N K2CR2O7 MG/L	04/07/69-05/29/75	25	20.	22.28	107.	4.	393.21	19.83	7.	11.	25.	36.2
00400	PH (STANDARD UNITS)	04/07/69-07/08/74	26	6.55	6.535	7.	5.6	0.084	0.29	6.21	6.4	6.7	6.9
00400	CONVERTED PH (STANDARD UNITS)	04/07/69-07/08/74	26	6.547	6.408	7.	5.6	0.101	0.317	6.21	6.4	6.7	6.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/07/69-07/08/74	26	0.284	0.391	2.512	0.1	0.22	0.469	0.126	0.2	0.398	0.651
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/07/69-05/29/75	26	10.	9.885	15.	3.	7.946	2.819	6.1	8.	11.	13.6
00440	BICARBONATE ION (MG/L AS HCO3)	04/07/69-05/29/75	26	12.	12.115	18.	4.	11.066	3.327	7.8	10.	14.	16.6
00445	CARBONATE ION (MG/L AS CO3)	04/07/69-07/08/74	26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/07/69-05/29/75	25	0.26	0.294	0.88	0.	0.048	0.218	0.064	0.13	0.4	0.64
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/15/70-05/29/75	5	0.02	0.026	0.04	0.02	0.	0.009	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/07/69-04/15/74	26	22.	22.615	28.	16.	6.966	2.639	20.	21.	24.	27.3
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/07/69-04/15/74	26	12.	12.808	25.	8.	15.602	3.95	8.	9.75	15.25	17.3
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/07/69-04/15/74	26	7.1	7.277	9.	5.3	0.815	0.903	6.28	6.75	7.65	9.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/07/69-04/15/74	26	1.1	1.112	1.5	0.8	0.024	0.156	0.9	1.	1.2	1.33
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/07/69-04/15/74	26	3.	3.654	7.2	1.4	2.415	1.554	2.02	2.475	5.025	6.26
00931	SODIUM ADSORPTION RATIO	04/07/69-04/15/74	20	0.35	0.37	0.7	0.1	0.029	0.169	0.11	0.225	0.5	0.6
00932	SODIUM, PERCENT	04/07/69-04/15/74	20	24.	26.15	44.	12.	75.187	8.671	15.4	19.	34.	38.8
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/07/69-04/15/74	26	0.3	0.327	0.5	0.2	0.009	0.096	0.2	0.275	0.4	0.5
00940	CHLORIDE,TOTAL IN WATER MG/L	04/07/69-05/29/75	26	4.	4.885	9.	2.	3.386	1.84	2.7	4.	6.	8.
00945	SULFATE, TOTAL (MG/L AS SO4)	04/07/69-05/29/75	26	14.	16.5	46.	11.	45.22	6.725	12.	13.	18.	21.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/07/69-04/15/74	26	0.1	0.063	0.2	0.	0.004	0.063	0.	0.	0.1	0.13
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/07/69-06/11/74	26	4.35	4.577	6.9	2.8	1.277	1.13	3.	3.8	5.5	6.13

** - Less than 9 observations ## - Computed with 50% or 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 SARA0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01055	MANGANESE, TOTAL (UG/L AS MN)	04/07/69-05/29/75	20	20.	22.	130.	0.	880.	29.665	0.	0.	30.	57.
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/07/69-06/11/74	25	0.04	0.049	0.1	0.02	0.	0.019	0.03	0.035	0.06	0.08
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/07/69-04/15/74	26	46.5	47.077	90.	32.	101.514	10.075	37.4	43.	49.25	53.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/07/69-04/15/74	26	0.08	0.079	0.16	0.06	0.	0.019	0.06	0.07	0.083	0.09
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/07/69-09/18/73	26	0.425	0.769	2.2	0.01	0.529	0.727	0.064	0.168	1.525	2.03
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/07/69-09/18/73	26	1.	1.212	4.	0.2	0.744	0.863	0.6	0.7	1.3	2.84
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	04/07/69-09/18/73	26	0.03	0.038	0.11	0.01	0.001	0.024	0.02	0.02	0.053	0.073
71885	IRON (UG/L AS FE)	04/07/69-09/18/73	25	130.	740.	15000.	60.	8831225.	2971.738	60.	95.	190.	312.

** - Less than 9 observations ## - Computed with 50% or 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 SARA0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/07/69-05/29/75	24	67.	66.875	87.	47.	60.462	7.776	57.	64.	70.	76.5
00335	COD, .025N K2CR2O7 MG/L	04/07/69-05/29/75	24	20.	22.375	41.	9.	92.245	9.604	11.	14.25	31.	38.5
00400	PH (STANDARD UNITS)	04/07/69-07/08/74	24	6.7	6.646	7.	6.1	0.032	0.179	6.45	6.525	6.8	6.8
00400	CONVERTED PH (STANDARD UNITS)	04/07/69-07/08/74	24	6.7	6.605	7.	6.1	0.034	0.184	6.45	6.525	6.8	6.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/07/69-07/08/74	24	0.2	0.248	0.794	0.1	0.018	0.136	0.158	0.158	0.3	0.357
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/07/69-05/29/75	24	11.5	11.208	15.	7.	4.259	2.064	8.	10.	12.75	14.
00440	BICARBONATE ION (MG/L AS HCO3)	04/07/69-05/29/75	24	14.5	13.833	18.	9.	6.145	2.479	10.	12.	15.75	17.
00445	CARBONATE ION (MG/L AS CO3)	04/07/69-07/08/74	24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00500	RESIDUE, TOTAL (MG/L)	01/20/71-05/29/75	23	58.	60.739	80.	45.	96.383	9.818	50.	52.	69.	76.4
00510	RESIDUE, TOTAL FIXED (MG/L)	01/20/71-05/29/75	23	37.	37.826	51.	22.	47.15	6.867	28.6	33.	44.	46.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/20/71-05/29/75	23	8.	11.826	34.	0.	88.423	9.403	1.2	6.	19.	29.
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/07/69-05/29/75	24	0.43	0.452	0.95	0.15	0.049	0.221	0.18	0.273	0.615	0.79
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/15/70-05/29/75	24	0.02	0.024	0.07	0.01	0.	0.013	0.01	0.02	0.025	0.045
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/07/69-04/15/74	24	22.	21.833	25.	17.	3.449	1.857	19.5	21.	23.	24.5
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/07/69-04/15/74	24	10.	10.417	15.	7.	4.428	2.104	8.	9.	11.	14.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/07/69-04/15/74	24	6.95	6.896	8.1	5.	0.495	0.704	6.	6.575	7.425	7.9
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/07/69-04/15/74	24	1.1	1.125	1.3	0.9	0.012	0.107	1.	1.025	1.2	1.3
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/07/69-04/15/74	24	3.	3.008	4.5	1.4	0.353	0.594	2.2	2.8	3.2	3.8
00931	SODIUM ADSORPTION RATIO	04/07/69-04/15/74	11	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00932	SODIUM, PERCENT	04/07/69-04/15/74	11	24.	23.364	26.	21.	2.655	1.629	21.	22.	24.	25.8
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/07/69-04/15/74	24	0.4	0.508	2.8	0.2	0.254	0.504	0.25	0.325	0.5	0.7
00940	CHLORIDE,TOTAL IN WATER MG/L	04/07/69-05/29/75	24	4.	3.958	6.	2.	1.259	1.122	2.5	3.	4.	6.
00945	SULFATE, TOTAL (MG/L AS SO4)	04/07/69-05/29/75	24	12.	12.333	20.	9.	4.493	2.12	10.5	11.	13.	15.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/07/69-04/15/74	24	0.06	0.057	0.1	0.	0.001	0.026	0.01	0.05	0.07	0.095
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/07/69-06/11/74	24	4.8	4.971	6.5	4.	0.534	0.731	4.05	4.425	5.475	6.3
01055	MANGANESE, TOTAL (UG/L AS MN)	04/07/69-05/29/75	1	60.	60.	60.	60.	0.	0.	**	**	**	**
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/07/69-06/11/74	24	0.04	0.076	0.96	0.01	0.036	0.189	0.025	0.03	0.04	0.055
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/07/69-04/15/74	24	41.	41.958	54.	31.	23.259	4.823	36.	39.25	44.	48.5
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/07/69-04/15/74	24	0.06	0.062	0.09	0.04	0.	0.013	0.05	0.05	0.07	0.085
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/07/69-09/18/73	24	0.425	0.457	1.2	0.01	0.089	0.299	0.12	0.243	0.528	0.99
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/07/69-09/18/73	24	1.2	1.354	2.7	0.8	0.282	0.531	0.9	1.	1.55	2.35
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	04/07/69-09/18/73	24	0.02	0.033	0.13	0.01	0.001	0.029	0.015	0.02	0.03	0.09
71885	IRON (UG/L AS FE)	04/07/69-09/18/73	24	130.	126.667	220.	40.	1936.232	44.003	60.	100.	150.	190.

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Annual Analysis for 1972 - Station SARA0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/07/69-05/29/75	24	64.5	64.125	85.	46.	72.897	8.538	53.	59.25	67.	77.5
00335	COD, .025N K2CR2O7 MG/L	04/07/69-05/29/75	23	12.	14.565	33.	4.	55.166	7.427	7.4	11.	18.	30.

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Annual Analysis for 1972 - Station SARA0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	04/07/69-07/08/74	24	6.7	6.758	7.1	6.3	0.031	0.177	6.6	6.7	6.875	7.05
00400	CONVERTED PH (STANDARD UNITS)	04/07/69-07/08/74	24	6.7	6.724	7.1	6.3	0.032	0.18	6.6	6.7	6.875	7.05
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/07/69-07/08/74	24	0.2	0.189	0.501	0.079	0.007	0.084	0.09	0.134	0.2	0.251
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/07/69-05/29/75	24	11.	11.333	14.	8.	2.841	1.685	9.	10.	13.	13.5
00440	BICARBONATE ION (MG/L AS HCO3)	04/07/69-05/29/75	24	14.	13.958	17.	10.	4.389	2.095	11.	12.	16.	16.5
00445	CARBONATE ION (MG/L AS CO3)	04/07/69-07/08/74	24	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00500	RESIDUE, TOTAL (MG/L)	01/20/71-05/29/75	23	56.	57.696	87.	44.	86.676	9.31	46.8	53.	59.	72.6
00510	RESIDUE, TOTAL FIXED (MG/L)	01/20/71-05/29/75	23	37.	37.87	52.	28.	36.482	6.04	30.4	34.	40.	48.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/20/71-05/29/75	23	7.	8.609	40.	1.	61.249	7.826	3.	5.	10.	16.4
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/07/69-05/29/75	24	0.465	0.515	1.1	0.12	0.051	0.226	0.265	0.363	0.628	0.89
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/15/70-05/29/75	23	0.02	0.025	0.126	0.	0.001	0.024	0.009	0.012	0.027	0.044
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/07/69-04/15/74	24	21.5	21.208	26.	16.	5.042	2.245	18.5	20.	22.	24.5
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/07/69-04/15/74	24	10.	9.708	17.	6.	4.737	2.177	7.5	8.	10.75	12.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/07/69-04/15/74	24	6.5	6.546	8.1	5.1	0.474	0.688	5.65	6.1	6.9	7.6
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/07/69-04/15/74	24	1.2	1.171	1.4	0.8	0.027	0.165	0.9	1.1	1.3	1.4
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/07/69-04/15/74	24	2.8	2.95	5.1	1.4	0.551	0.742	2.15	2.525	3.375	3.95
00931	SODIUM ADSORPTION RATIO	04/07/69-04/15/74	24	0.3	0.267	0.4	0.1	0.005	0.07	0.2	0.2	0.3	0.35
00932	SODIUM, PERCENT	04/07/69-04/15/74	24	23.	22.625	30.	14.	10.158	3.187	20.	20.	24.75	26.5
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/07/69-04/15/74	24	0.4	0.367	0.5	0.2	0.008	0.092	0.2	0.3	0.4	0.5
00940	CHLORIDE,TOTAL IN WATER MG/L	04/07/69-05/29/75	24	3.	3.417	5.	2.	0.775	0.881	2.	3.	4.	5.
00945	SULFATE, TOTAL (MG/L AS SO4)	04/07/69-05/29/75	24	12.	12.375	19.	10.	5.375	2.318	10.	11.	13.	16.5
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/07/69-04/15/74	24	0.06	0.059	0.09	0.	0.	0.021	0.03	0.05	0.078	0.085
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/07/69-06/11/74	24	5.5	5.642	6.9	4.6	0.549	0.741	4.6	5.1	6.35	6.85
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/07/69-06/11/74	23	0.03	0.04	0.08	0.02	0.	0.017	0.02	0.03	0.05	0.072
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/07/69-04/15/74	24	41.	41.833	54.	32.	22.667	4.761	35.5	40.	43.75	49.5
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/07/69-04/15/74	24	0.06	0.057	0.07	0.04	0.	0.007	0.05	0.05	0.06	0.065
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/07/69-09/18/73	24	0.3	0.485	1.42	0.1	0.15	0.387	0.18	0.228	0.58	1.25
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/07/69-09/18/73	24	1.55	1.625	3.9	0.8	0.402	0.634	1.05	1.2	1.8	2.3
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	04/07/69-09/18/73	24	0.02	0.021	0.03	0.01	0.	0.008	0.01	0.013	0.03	0.03
71885	IRON (UG/L AS FE)	04/07/69-09/18/73	24	115.	158.75	700.	60.	19289.674	138.887	70.	80.	172.5	335.

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Annual Analysis for 1973 - Station SARA0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/07/69-05/29/75	16	61.	77.688	176.	52.	1098.496	33.144	52.	55.	98.75	127.
00335	COD, .025N K2CR2O7 MG/L	04/07/69-05/29/75	16	10.	11.375	21.	2.	27.183	5.214	5.5	8.	15.	20.3
00400	PH (STANDARD UNITS)	04/07/69-07/08/74	16	6.8	6.8	7.3	6.5	0.047	0.216	6.5	6.6	6.975	7.09
00400	CONVERTED PH (STANDARD UNITS)	04/07/69-07/08/74	16	6.8	6.754	7.3	6.5	0.049	0.221	6.5	6.6	6.975	7.09
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/07/69-07/08/74	16	0.158	0.176	0.316	0.05	0.006	0.08	0.085	0.106	0.251	0.316
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/07/69-05/29/75	16	12.	14.313	30.	10.	27.296	5.225	10.	11.	17.	22.3
00440	BICARBONATE ION (MG/L AS HCO3)	04/07/69-05/29/75	16	15.	17.5	36.	12.	38.667	6.218	12.	13.25	21.	26.9
00445	CARBONATE ION (MG/L AS CO3)	04/07/69-07/08/74	16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00500	RESIDUE, TOTAL (MG/L)	01/20/71-05/29/75	16	56.5	82.938	214.	44.	2667.796	51.651	45.4	48.25	92.	183.9
00510	RESIDUE, TOTAL FIXED (MG/L)	01/20/71-05/29/75	16	37.	58.688	155.	31.	1631.163	40.388	31.7	34.	61.75	139.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/20/71-05/29/75	16	8.	10.875	30.	0.	91.05	9.542	1.4	3.25	18.	29.3
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/07/69-05/29/75	16	0.325	0.453	1.5	0.14	0.126	0.355	0.161	0.21	0.617	1.087
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/15/70-05/29/75	16	0.019	0.029	0.16	0.009	0.001	0.037	0.009	0.011	0.029	0.08
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/07/69-04/15/74	16	23.5	26.5	49.	19.	55.733	7.465	19.7	22.	31.25	37.8
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/07/69-04/15/74	16	11.5	12.25	20.	8.	8.2	2.864	9.4	10.25	13.	17.2
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/07/69-04/15/74	16	7.5	8.087	15.	6.1	4.48	2.117	6.24	6.85	8.825	11.22
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/07/69-04/15/74	16	1.2	1.538	2.9	1.	0.348	0.59	1.	1.025	2.075	2.41
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/07/69-04/15/74	16	2.9	3.969	9.2	2.	4.646	2.156	2.07	2.2	5.4	7.45
00931	SODIUM ADSORPTION RATIO	04/07/69-04/15/74	16	0.3	0.319	0.6	0.2	0.018	0.133	0.2	0.2	0.4	0.53
00932	SODIUM, PERCENT	04/07/69-04/15/74	16	20.5	22.813	30.	16.	23.763	4.875	17.4	18.5	28.	30.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/07/69-04/15/74	16	0.4	0.437	0.9	0.2	0.037	0.193	0.2	0.3	0.6	0.69

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Annual Analysis for 1973 - Station SARA0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00940	CHLORIDE,TOTAL IN WATER MG/L	04/07/69-05/29/75	16	4.	4.063	8.	2.	3.129	1.769	2.	2.25	5.	6.6
00945	SULFATE, TOTAL (MG/L AS SO4)	04/07/69-05/29/75	16	12.	14.313	34.	9.	37.429	6.118	9.7	10.25	17.	22.8
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/07/69-04/15/74	16	0.09	0.138	0.3	0.03	0.011	0.107	0.037	0.05	0.273	0.3
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/07/69-06/11/74	16	5.3	5.344	6.4	4.3	0.412	0.642	4.37	4.9	5.775	6.4
01055	MANGANESE, TOTAL (UG/L AS MN)	04/07/69-05/29/75	10	50.	48.	90.	5.	923.333	30.386	5.	23.75	80.	89.
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/07/69-06/11/74	16	0.02	0.023	0.04	0.01	0.	0.009	0.01	0.02	0.028	0.04
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/07/69-04/15/74	16	43.	48.75	93.	35.	228.467	15.115	35.7	38.	58.5	71.3
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/07/69-04/15/74	16	0.06	0.066	0.13	0.05	0.	0.021	0.05	0.05	0.08	0.095
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/07/69-09/18/73	13	0.22	0.218	0.39	0.03	0.014	0.118	0.038	0.1	0.31	0.366
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/07/69-09/18/73	13	2.3	2.654	5.7	1.2	2.118	1.455	1.32	1.65	3.45	5.54
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	04/07/69-09/18/73	13	0.03	0.041	0.17	0.01	0.002	0.042	0.01	0.015	0.04	0.13
71885	IRON (UG/L AS FE)	04/07/69-09/18/73	13	240.	283.846	640.	70.	39425.641	198.559	70.	115.	445.	628.

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Annual Analysis for 1974 - Station SARA0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/07/69-05/29/75	12	81.	82.	110.	57.	205.273	14.327	60.9	71.5	92.	106.7
00335	COD, .025N K2CR2O7 MG/L	04/07/69-05/29/75	12	20.5	20.583	29.	12.	27.356	5.23	12.9	16.	23.75	29.
00400	PH (STANDARD UNITS)	04/07/69-07/08/74	7	6.8	6.757	6.9	6.5	0.02	0.14	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/07/69-07/08/74	7	6.8	6.737	6.9	6.5	0.02	0.141	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/07/69-07/08/74	7	0.158	0.183	0.316	0.126	0.004	0.066	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/07/69-05/29/75	12	13.	12.917	17.	8.	7.72	2.778	8.3	10.5	15.	16.7
00440	BICARBONATE ION (MG/L AS HCO3)	04/07/69-05/29/75	12	16.	15.833	21.	10.	11.606	3.407	10.3	12.75	18.	20.7
00445	CARBONATE ION (MG/L AS CO3)	04/07/69-07/08/74	7	0.	0.	0.	0.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	01/20/71-05/29/75	12	71.5	74.	109.	57.	211.091	14.529	57.9	64.25	77.5	104.2
00510	RESIDUE, TOTAL FIXED (MG/L)	01/20/71-05/29/75	12	44.5	46.583	77.	25.	203.538	14.267	27.1	37.	57.75	71.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/20/71-05/29/75	12	7.	11.5	52.	0.	187.545	13.695	0.6	3.75	14.5	41.2
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/07/69-05/29/75	12	0.265	0.429	1.8	0.11	0.211	0.46	0.119	0.223	0.483	1.464
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/15/70-05/29/75	12	0.03	0.038	0.08	0.02	0.	0.017	0.02	0.03	0.048	0.074
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/07/69-04/15/74	4	22.5	23.5	28.	21.	9.667	3.109	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/07/69-04/15/74	4	12.	11.5	13.	9.	3.	1.732	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/07/69-04/15/74	4	6.7	7.075	8.6	6.3	1.129	1.063	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/07/69-04/15/74	4	1.45	1.4	1.5	1.2	0.02	0.141	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/07/69-04/15/74	4	3.65	4.125	6.2	3.	2.143	1.464	**	**	**	**
00931	SODIUM ADSORPTION RATIO	04/07/69-04/15/74	4	0.3	0.375	0.6	0.3	0.023	0.15	**	**	**	**
00932	SODIUM, PERCENT	04/07/69-04/15/74	4	24.5	26.75	37.	21.	49.583	7.042	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/07/69-04/15/74	4	0.65	0.75	1.2	0.5	0.097	0.311	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/07/69-05/29/75	12	4.	4.5	8.	2.	2.636	1.624	2.3	3.25	5.75	7.4
00945	SULFATE, TOTAL (MG/L AS SO4)	04/07/69-05/29/75	12	14.	14.667	20.	10.	11.333	3.367	10.3	12.	18.5	19.7
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/07/69-04/15/74	4	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/07/69-06/11/74	6	5.4	5.633	6.7	5.1	0.375	0.612	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	04/07/69-05/29/75	12	55.	126.917	510.	20.	30988.629	176.036	23.	32.5	102.5	504.
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/07/69-06/11/74	6	0.03	0.028	0.04	0.02	0.	0.008	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/07/69-04/15/74	4	43.5	43.25	49.	37.	28.25	5.315	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/07/69-04/15/74	4	0.06	0.06	0.07	0.05	0.	0.008	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 SARA0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/07/69-05/29/75	6	71.	68.167	82.	53.	108.967	10.439	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	04/07/69-05/29/75	6	18.	20.333	35.	14.	59.867	7.737	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 SARA0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/07/69-05/29/75	6	12.	11.833	14.	8.	5.367	2.317	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	04/07/69-05/29/75	6	15.	14.667	17.	10.	7.067	2.658	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	01/20/71-05/29/75	6	57.	58.5	75.	46.	115.9	10.766	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	01/20/71-05/29/75	6	40.	40.167	43.	37.	6.567	2.563	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/20/71-05/29/75	6	10.	9.333	16.	3.	27.067	5.203	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/07/69-05/29/75	6	0.31	0.38	0.64	0.18	0.035	0.188	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/15/70-05/29/75	6	0.03	0.03	0.04	0.02	0.	0.006	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/07/69-05/29/75	6	3.5	3.667	6.	2.	1.867	1.366	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/07/69-05/29/75	6	10.5	10.5	13.	8.	2.7	1.643	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	04/07/69-05/29/75	6	35.	36.667	50.	30.	66.667	8.165	**	**	**	**

** - Less than 9 observations ## - Computed 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: 9/20 to 2/29 - Station SARA0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00080	COLOR (PLATINUM-COBALT UNITS)	04/07/69-05/29/75	26	25.5	24.038	48.	4.	134.118	11.581	6.1	16.25	33.25	37.9
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/07/69-05/29/75	52	71.	74.808	176.	55.	339.217	18.418	59.3	64.	79.75	94.
00335	COD, .025N K2CR2O7 MG/L	04/07/69-05/29/75	50	19.	18.54	44.	7.	67.764	8.232	8.	12.	23.25	28.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/07/69-05/29/75	52	11.	11.654	30.	7.	11.172	3.342	8.3	10.	13.	13.7
00440	BICARBONATE ION (MG/L AS HCO3)	04/07/69-05/29/75	52	14.	14.365	36.	9.	15.805	3.976	10.3	12.	16.	16.7
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/07/69-05/29/75	51	0.35	0.413	1.1	0.01	0.065	0.256	0.122	0.22	0.6	0.798
00940	CHLORIDE,TOTAL IN WATER MG/L	04/07/69-05/29/75	52	4.	4.423	8.	2.	2.759	1.661	3.	3.	5.	7.
00945	SULFATE, TOTAL (MG/L AS SO4)	04/07/69-05/29/75	52	13.	14.135	34.	10.	15.766	3.971	11.	12.	16.	19.
01055	MANGANESE, TOTAL (UG/L AS MN)	04/07/69-05/29/75	22	30.	32.182	110.	0.	924.251	30.401	0.	8.75	52.5	80.
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/07/69-05/29/75	28	0.07	0.08	0.21	0.04	0.001	0.033	0.049	0.06	0.098	0.12

** - Less than 9 observations ## - Computed 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: 3/01 to 4/30 - Station SARA0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00080	COLOR (PLATINUM-COBALT UNITS)	04/07/69-05/29/75	15	19.	17.8	26.	7.	33.6	5.797	10.	13.	23.	26.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/07/69-05/29/75	24	67.5	66.542	84.	45.	106.085	10.3	52.	57.75	74.	82.
00335	COD, .025N K2CR2O7 MG/L	04/07/69-05/29/75	24	12.5	15.5	33.	2.	61.304	7.83	6.	11.	21.75	28.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/07/69-05/29/75	24	13.	12.042	15.	7.	6.389	2.528	8.	10.	14.	15.
00440	BICARBONATE ION (MG/L AS HCO3)	04/07/69-05/29/75	24	16.	14.667	18.	9.	8.754	2.959	10.	12.	17.	18.
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/07/69-05/29/75	24	0.295	0.382	1.5	0.	0.104	0.322	0.105	0.18	0.455	0.841
00940	CHLORIDE,TOTAL IN WATER MG/L	04/07/69-05/29/75	24	4.	4.083	8.	2.	2.254	1.501	2.	3.	5.	6.
00945	SULFATE, TOTAL (MG/L AS SO4)	04/07/69-05/29/75	24	12.	12.	16.	8.	3.304	1.818	10.	11.	13.	15.
01055	MANGANESE, TOTAL (UG/L AS MN)	04/07/69-05/29/75	14	30.	32.857	90.	0.	483.516	21.989	5.	20.	42.5	70.
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/07/69-05/29/75	14	0.07	0.075	0.14	0.03	0.001	0.033	0.03	0.048	0.093	0.13

** - Less than 9 observations ## - Computed 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: 5/01 to 6/30 - Station SARA0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00080	COLOR (PLATINUM-COBALT UNITS)	04/07/69-05/29/75	10	30.5	29.4	39.	18.	47.156	6.867	18.3	24.	36.	38.7
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/07/69-05/29/75	22	63.	65.455	110.	44.	238.926	15.457	47.9	52.75	74.25	85.2
00335	COD, .025N K2CR2O7 MG/L	04/07/69-05/29/75	22	15.	16.818	37.	7.	62.632	7.914	8.	10.75	21.	31.7
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/07/69-05/29/75	22	11.	10.455	16.	7.	5.593	2.365	7.3	8.	11.25	14.4
00440	BICARBONATE ION (MG/L AS HCO3)	04/07/69-05/29/75	22	13.	12.909	20.	9.	8.182	2.86	9.3	10.	14.25	17.4
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/07/69-05/29/75	22	0.27	0.374	1.8	0.02	0.14	0.375	0.076	0.155	0.52	0.697
00940	CHLORIDE,TOTAL IN WATER MG/L	04/07/69-05/29/75	22	4.	4.318	9.	2.	3.846	1.961	2.	3.	6.	7.4
00945	SULFATE, TOTAL (MG/L AS SO4)	04/07/69-05/29/75	22	12.	12.227	20.	9.	7.803	2.793	9.	10.	13.	17.5
01055	MANGANESE, TOTAL (UG/L AS MN)	04/07/69-05/29/75	15	10.	17.	60.	0.	327.857	18.107	0.	0.	30.	48.
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/07/69-05/29/75	14	0.075	0.066	0.13	0.	0.001	0.038	0.01	0.028	0.093	0.12

** - Less than 9 observations ## - Computed 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 #4: 7/01 to 9/19 - Station SARA0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00080	COLOR (PLATINUM-COBALT UNITS)	04/07/69-05/29/75	14	31.5	38.643	200.	2.	2344.247	48.417	5.	15.	40.25	122.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/07/69-05/29/75	28	74.	78.286	139.	46.	330.286	18.174	62.	65.	86.75	100.6
00335	COD, .025N K2CR2O7 MG/L	04/07/69-05/29/75	28	19.	22.786	107.	3.	359.138	18.951	8.5	14.25	27.75	40.1
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/07/69-05/29/75	28	11.5	11.607	18.	3.	12.099	3.478	7.6	10.	13.	17.
00440	BICARBONATE ION (MG/L AS HCO3)	04/07/69-05/29/75	28	14.5	14.286	22.	4.	18.138	4.259	9.5	12.	16.	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

Seasonal Analysis for Season #4: 7/01 to 9/19 - Station SARA0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/07/69-05/29/75	28	0.28	0.337	0.88	0.03	0.043	0.207	0.12	0.143	0.485	0.653
00940	CHLORIDE,TOTAL IN WATER MG/L	04/07/69-05/29/75	28	4.	4.821	9.	2.	4.3	2.074	2.	3.25	5.75	9.
00945	SULFATE, TOTAL (MG/L AS SO4)	04/07/69-05/29/75	28	14.	15.679	46.	10.	47.337	6.88	10.	11.25	18.	20.1
01055	MANGANESE, TOTAL (UG/L AS MN)	04/07/69-05/29/75	16	30.	93.125	510.	0.	26462.917	162.674	0.	10.	75.	496.
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/07/69-05/29/75	16	0.06	0.078	0.15	0.04	0.001	0.033	0.047	0.06	0.098	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

Station Inventory for Station: SARA0038

NPS Station ID: SARA0038
LAT/LON: 43.269448/ -73.596392
Agency: 21NYDEC1
Date Created: / /
Location: HUDSON RIVER
FIPS State/County: 36115 NEW YORK/WASHINGTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 11 0561 /01327750USGS
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02020003
Depth of Water: 0
Aquifer:
Major Basin: NYS MILE PT. - 192.7
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02020003057
RF1 Mile Point: 3.690
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02020003005703.92
RF3 Mile Point: 7.27
Distance from RF3: 0.01
On/Off RF3:
Description:
LOCATION... AT NIAGARA MOHAWK POWER PLANT RAW WATER INTAKE. LOCATION OF AUTOMATIC WATER MONITOR.
DATE ACTIVATED..... 10-28-68
DATE DEACTIVATED..... (ACTIVE)
STREAM NAME..... HUDSON RIVER
STREAM INDEX..... H
STREAM CLASSIFICATION..... D
TOPO MAP NAME.. HUDSON FALLS
TOPO MAP NO... H-26-3
MILE POINT..... 192.7
GAZETTEER NO. 5724

Parameter Inventory for Station: SARA0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/14/68-11/13/73	108	9.	11.331	27.	0.	79.485	8.915	1.	2.05	20.875	23.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/22/71-11/13/73	49	13.	15.786	36.	-1.	120.	10.954	4.	7.	26.25	32.
00032	CLOUD COVER (PERCENT)	06/22/71-11/13/73	44	87.5	69.409	99.	10.	1136.992	33.719	10.	35.	99.	99.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/11/72-09/18/73	18	7410.	8071.278	21940.	2833.	23011080.095	4796.987	2892.4	3997.5	11945.	13615.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/14/68-11/13/73	116	6.35	7.046	23.	1.	16.543	4.067	2.82	4.	9.	12.3
00080	COLOR (PLATINUM-COBALT UNITS)	10/14/68-09/29/71	74	30.	32.824	200.	17.	454.311	21.315	20.	25.	35.	40.
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	11/09/71-11/13/73	42	32.	31.405	55.	18.	65.369	8.085	23.	25.	35.	45.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/14/68-11/13/73	77	75.	75.481	176.	25.	348.99	18.681	59.2	67.	81.	93.
00300	OXYGEN, DISSOLVED MG/L	10/14/68-11/13/73	116	11.	10.472	16.	0.4	11.335	3.367	6.2	7.45	13.35	14.93
00310	BOD, 5 DAY, 20 DEG C MG/L	10/14/68-11/13/73	57	3.3	3.775	11.2	0.7	4.926	2.219	1.58	2.15	4.8	7.
00315	BOD, 7 DAY, 20 DEG C MG/L	04/07/69-10/15/73	57	5.	5.133	25.	1.2	9.732	3.12	2.8	3.55	6.05	7.
00335	COD, .025N K2CR2O7 MG/L	10/14/68-11/13/73	70	20.	21.201	107.	1.	211.65	14.548	8.1	13.75	24.5	36.6
00400	PH (STANDARD UNITS)	10/14/68-08/21/73	97	7.	7.033	7.7	6.3	0.098	0.313	6.7	6.8	7.3	7.5
00400	CONVERTED PH (STANDARD UNITS)	10/14/68-08/21/73	97	7.	6.927	7.7	6.3	0.11	0.331	6.7	6.8	7.3	7.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/14/68-08/21/73	97	0.1	0.118	0.501	0.02	0.007	0.086	0.032	0.05	0.158	0.2
00420	ALKALINITY, HYDROXIDE (MG/L AS CACO3)	04/07/69-09/29/70	38	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	10/14/68-11/13/73	76	11.	11.066	30.	3.	10.969	3.312	8.	9.	13.	14.3
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	04/07/69-09/29/70	38	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00500	RESIDUE, TOTAL (MG/L)	10/14/68-11/13/73	76	68.	76.908	214.	40.	1000.031	31.623	49.4	58.	79.5	120.2
00510	RESIDUE, TOTAL FIXED (MG/L)	10/14/68-11/13/73	76	43.5	45.868	155.	7.	424.596	20.606	29.8	37.	48.75	61.7
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/14/68-11/13/73	74	11.	12.514	41.	1.	61.431	7.838	4.5	7.	15.	23.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10/14/68-11/13/73	67	4.	6.179	33.	0.	33.422	5.781	1.	2.	8.	12.2
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	10/14/68-10/15/73	75	0.27	0.321	0.88	0.	0.049	0.222	0.082	0.13	0.48	0.676
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/14/68-02/16/72	75	0.28	0.423	1.75	0.008	0.175	0.419	0.06	0.115	0.626	1.047

** - Less 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: SARA0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/14/68-09/29/71	74	0.006	0.01	0.076	0.	0.	0.012	0.001	0.003	0.012	0.025
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/14/68-11/13/73	75	0.22	0.256	1.1	0.	0.057	0.238	0.001	0.12	0.3	0.57
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/15/73-11/13/73	2	0.06	0.06	0.09	0.03	0.002	0.042	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/14/68-09/29/71	73	0.07	0.072	0.2	0.	0.002	0.042	0.01	0.05	0.09	0.14
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/14/68-10/15/73	75	22.	22.84	49.	15.	15.542	3.942	20.	21.	24.	25.4
00916	CALCIUM, TOTAL (MG/L AS CA)	10/14/68-10/15/73	75	7.1	7.271	15.	4.9	1.44	1.2	6.4	6.8	7.6	8.14
00927	MAGNESIUM, TOTAL (MG/L AS MG)	10/14/68-10/15/73	75	1.1	1.055	2.9	0.	0.166	0.408	0.76	1.	1.2	1.3
00929	SODIUM, TOTAL (MG/L AS NA)	10/14/68-11/13/73	76	3.75	4.47	10.	1.4	4.964	2.228	2.17	2.825	6.15	7.9
00937	POTASSIUM, TOTAL MG/L AS K)	10/14/68-10/15/73	75	0.4	0.445	2.8	0.2	0.125	0.353	0.2	0.3	0.5	0.8
00940	CHLORIDE,TOTAL IN WATER MG/L	10/14/68-10/15/73	75	5.	5.493	11.	2.	4.659	2.158	3.	4.	7.	9.
00945	SULFATE, TOTAL (MG/L AS SO4)	10/14/68-11/13/73	76	14.	14.882	46.	9.	28.506	5.339	11.	12.	16.	20.
00951	FLUORIDE, TOTAL (MG/L AS F)	04/07/69-11/13/73	62	0.01	0.049	0.7	0.	0.01	0.101	0.	0.01	0.06	0.104
01045	IRON, TOTAL (UG/L AS FE)	10/14/68-09/29/71	74	130.	351.892	15000.	40.	2987141.577	1728.335	65.	97.5	192.5	260.
01055	MANGANESE, TOTAL (UG/L AS MN)	10/14/68-08/18/71	61	20.	29.016	130.	0.	959.016	30.968	0.	10.	40.	70.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/09/71-11/13/73	39	12000.	44764.103	280000.	1200.	4829417624.831	69494.011	3600.	7500.	50000.	160000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/09/71-11/13/73	39	4.079	4.256	5.447	3.079	0.34	0.583	3.556	3.875	4.699	5.204
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			18016.247								
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	11/11/68-09/29/71	61	8500.	24131.967	163000.	50.	1614084919.399	40175.676	1600.	3150.	18350.	105600.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	11/11/68-09/29/71	61	3.929	3.89	5.212	1.699	0.537	0.733	3.204	3.498	4.264	5.024
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			7762.387								
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/14/68-04/23/69	13	4200.	7484.615	47000.	600.	143944743.59	11997.697	1400.	3200.	5950.	31160.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	10/14/68-04/23/69	13	3.623	3.648	4.672	2.778	0.167	0.408	3.033	3.504	3.774	4.351
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			4451.151								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/22/71-11/13/73	48	755.	10986.042	280000.	10.	1767699215.913	42044.015	151.	412.5	2500.	20600.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/22/71-11/13/73	48	2.878	3.024	5.447	1.	0.749	0.865	2.168	2.615	3.398	4.312
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1056.115								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	06/22/71-11/13/73	49	200.	283.306	1500.	24.	66357.592	257.6	80.	140.	300.	540.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	06/22/71-11/13/73	49	2.301	2.322	3.176	1.38	0.118	0.344	1.903	2.146	2.477	2.732
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			210.093								
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	06/22/71-11/13/73	49	22000.	48263.265	210000.	900.	3211265289.116	56668.027	2000.	7750.	79500.	130000.
31751	LOG PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	06/22/71-11/13/73	49	4.342	4.299	5.322	2.954	0.45	0.67	3.301	3.889	4.898	5.114
31751	GM PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	GEOMETRIC MEAN =			19902.224								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/04/69-10/16/73	83	3.	4.964	22.	0.5	21.407	4.627	0.5	1.5	8.	11.6
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	10/15/73-10/15/73	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	09/18/73-09/18/73	1	4.	4.	4.	4.	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	11/13/73-11/13/73	1	0.04	0.04	0.04	0.04	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: SARA0038

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/20-2/29 Obs	9/20-2/29 Exceed	9/20-2/29 Prop.	3/01-4/30 Obs	3/01-4/30 Exceed	3/01-4/30 Prop.	5/01-6/30 Obs	5/01-6/30 Exceed	5/01-6/30 Prop.	7/01-9/19 Obs	7/01-9/19 Exceed	7/01-9/19 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	116	0	0.00	51	0	0.00	21	0	0.00	19	0	0.00	25	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	116	2	0.02	51	1	0.02	21	0	0.00	19	0	0.00	25	1	0.04
00400	PH	Other-Hi Lim.	9.	97	0	0.00	39	0	0.00	17	0	0.00	18	0	0.00	23	0	0.00
		Other-Lo Lim.	6.5	97	5	0.05	39	4	0.10	17	0	0.00	18	0	0.00	23	1	0.04
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	74	0	0.00	31	0	0.00	14	0	0.00	13	0	0.00	16	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	75	0	0.00	32	0	0.00	14	0	0.00	13	0	0.00	16	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	75	0	0.00	32	0	0.00	14	0	0.00	13	0	0.00	16	0	0.00
		Drinking Water	250.	75	0	0.00	32	0	0.00	14	0	0.00	13	0	0.00	16	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	76	0	0.00	33	0	0.00	14	0	0.00	13	0	0.00	16	0	0.00
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	62	0	0.00	21	0	0.00	12	0	0.00	13	0	0.00	16	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	39	39	1.00	19	19	1.00	7	7	1.00	6	6	1.00	7	7	1.00
31503	COLIFORM,TOT,MEMBRANE FILTR,DELAY. M-END	Other-Hi Lim.	1000.	61	56	0.92	22	21	0.95	10	8	0.80	13	11	0.85	16	16	1.00
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	13	12	0.92	9	8	0.89	4	4	1.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	48	43	0.90	20	20	1.00	7	5	0.71	7	6	0.86	14	12	0.86
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	1	1.00										1	1	1.00
		Drinking Water	2.	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

Annual Analysis for 1968 - Station SARA0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/14/68-11/13/73	6	6.5	7.5	19.	1.	47.1	6.863	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/14/68-11/13/73	6	9.	9.167	14.	5.	14.967	3.869	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/14/68-11/13/73	6	9.6	8.833	11.6	3.2	10.519	3.243	**	**	**	**
00400	PH (STANDARD UNITS)	10/14/68-08/21/73	6	6.7	6.683	7.1	6.4	0.058	0.24	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/14/68-08/21/73	6	6.7	6.634	7.1	6.4	0.061	0.246	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/14/68-08/21/73	6	0.2	0.232	0.398	0.079	0.012	0.111	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 SARA0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/14/68-11/13/73	23	11.	11.348	23.	0.	82.419	9.078	0.	2.	21.	23.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/14/68-11/13/73	24	6.	6.417	21.	1.	21.384	4.624	1.5	3.	8.	12.5
00300	OXYGEN, DISSOLVED MG/L	10/14/68-11/13/73	24	10.2	9.583	13.6	5.	9.13	3.022	5.5	6.6	12.8	13.3
00400	PH (STANDARD UNITS)	10/14/68-08/21/73	24	6.95	7.013	7.6	6.3	0.133	0.365	6.55	6.7	7.3	7.55
00400	CONVERTED PH (STANDARD UNITS)	10/14/68-08/21/73	24	6.947	6.872	7.6	6.3	0.154	0.392	6.55	6.7	7.3	7.55
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/14/68-08/21/73	24	0.113	0.134	0.501	0.025	0.013	0.113	0.028	0.05	0.2	0.284
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/04/69-10/16/73	9	10.	9.667	17.	2.5	30.688	5.54	2.5	3.75	15.	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 1970 - Station SARA0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/14/68-11/13/73	24	13.	11.625	24.	0.	77.549	8.806	0.	1.5	20.75	22.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/14/68-11/13/73	25	7.6	9.284	23.	2.	25.591	5.059	3.	6.	12.	16.2
00300	OXYGEN, DISSOLVED MG/L	10/14/68-11/13/73	25	9.8	9.176	14.	0.4	13.308	3.648	4.92	6.1	12.6	13.6
00400	PH (STANDARD UNITS)	10/14/68-08/21/73	25	7.2	7.18	7.6	6.7	0.071	0.266	6.8	6.95	7.45	7.54
00400	CONVERTED PH (STANDARD UNITS)	10/14/68-08/21/73	25	7.2	7.104	7.6	6.7	0.077	0.277	6.8	6.95	7.45	7.54
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/14/68-08/21/73	25	0.063	0.079	0.2	0.025	0.002	0.048	0.029	0.036	0.113	0.158
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/04/69-10/16/73	16	5.5	5.688	11.	1.	8.762	2.96	1.	3.	8.	9.6

** - 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 1971 - Station SARA0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/14/68-11/13/73	18	12.	12.667	25.	1.	85.647	9.255	1.9	3.	23.	24.1
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/14/68-11/13/73	22	8.05	7.518	12.	3.7	4.765	2.183	4.42	5.	9.	10.14
00300	OXYGEN, DISSOLVED MG/L	10/14/68-11/13/73	22	12.2	10.918	14.5	6.5	8.251	2.872	6.63	7.475	13.45	13.88
00400	PH (STANDARD UNITS)	10/14/68-08/21/73	22	7.1	7.082	7.5	6.5	0.082	0.286	6.63	6.875	7.3	7.47
00400	CONVERTED PH (STANDARD UNITS)	10/14/68-08/21/73	22	7.1	6.988	7.5	6.5	0.091	0.301	6.63	6.875	7.3	7.47
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/14/68-08/21/73	22	0.079	0.103	0.316	0.032	0.006	0.075	0.034	0.05	0.134	0.236
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/04/69-10/16/73	21	2.	2.905	12.	0.5	7.89	2.809	0.5	0.5	4.5	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 1972 - Station SARA0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/14/68-11/13/73	22	8.	11.523	27.	0.5	89.654	9.469	0.65	2.	20.625	24.35
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/14/68-11/13/73	24	4.85	4.879	8.3	2.1	2.654	1.629	2.4	3.7	6.225	7.3
00300	OXYGEN, DISSOLVED MG/L	10/14/68-11/13/73	24	12.25	12.029	16.	8.	9.211	3.035	8.1	9.05	15.	15.65
00400	PH (STANDARD UNITS)	10/14/68-08/21/73	12	6.9	6.917	7.3	6.7	0.032	0.18	6.7	6.8	7.075	7.24
00400	CONVERTED PH (STANDARD UNITS)	10/14/68-08/21/73	12	6.9	6.886	7.3	6.7	0.033	0.183	6.7	6.8	7.075	7.24
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/14/68-08/21/73	12	0.126	0.13	0.2	0.05	0.002	0.047	0.059	0.085	0.158	0.2
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/04/69-10/16/73	24	2.	4.333	22.	0.5	28.362	5.326	0.5	1.	5.75	13.

** - Less than 9 observations ## - Computed with 50% or 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 SARA0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/14/68-11/13/73	15	6.	10.48	26.	1.	85.706	9.258	1.3	2.	18.	26.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/14/68-11/13/73	15	4.4	6.247	16.	1.5	19.4	4.405	1.68	3.3	10.	14.2
00300	OXYGEN, DISSOLVED MG/L	10/14/68-11/13/73	15	11.6	11.567	15.6	6.2	12.771	3.574	6.26	7.4	15.	15.48
00400	PH (STANDARD UNITS)	10/14/68-08/21/73	8	6.85	6.938	7.7	6.7	0.106	0.325	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/14/68-08/21/73	8	6.847	6.867	7.7	6.7	0.111	0.334	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/14/68-08/21/73	8	0.142	0.136	0.2	0.02	0.003	0.059	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/04/69-10/16/73	13	4.	5.308	18.	1.	21.731	4.662	1.	2.	8.	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

Station Inventory for Station: SARA0039

NPS Station ID: SARA0039
LAT/LON: 43.269448/ -73.596392
Agency: 21NYDECA
Date Created: 02/18/89
Location: U.HUDSON R. IN FT.EDWARD @ NIMO WTP INTAKE
FIPS State/County: 36115 NEW YORK/WASHINGTON
Station Type: /TYPA/AMBNT/STREAM/NET
STORET Station ID(s): 11010193 /GS01327750
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02020003
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id: U.HUDSON R. IN FT.EDWARD
Minor Basin: UPPER HUDSON RIVER
ECO Region:
RF1 Index: 02020003
RF1 Mile Point: 0.000
Distance from RF1: 3.30
On/Off RF1:
RF3 Index: 02020003005703.92
RF3 Mile Point: 5.60
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: SARA0039

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/14/68-11/13/73	108	9.	11.331	27.	0.	79.485	8.915	1.	2.05	20.875	23.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/22/71-11/13/73	49	13.	15.786	36.	-1.	120.	10.954	4.	7.	26.25	32.
00032	CLOUD COVER (PERCENT)	06/22/71-11/13/73	44	87.5	69.409	99.	10.	1136.992	33.719	10.	35.	99.	99.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/11/72-09/18/73	18	7410.	8071.278	21940.	2833.	23011080.095	4796.987	2892.4	3997.5	11945.	13615.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/14/68-11/13/73	116	6.35	7.046	23.	1.	16.543	4.067	2.82	4.	9.	12.3
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/14/68-11/13/73	77	75.	75.481	176.	25.	348.99	18.681	59.2	67.	81.	93.
00300	OXYGEN, DISSOLVED MG/L	10/14/68-11/13/73	116	11.	10.472	16.	0.4	11.335	3.367	6.2	7.45	13.35	14.93
00310	BOD, 5 DAY, 20 DEG C MG/L	10/14/68-11/13/73	57	3.3	3.775	11.2	0.7	4.926	2.219	1.58	2.15	4.8	7.
00315	BOD, 7 DAY, 20 DEG C MG/L	04/07/69-10/15/73	57	5.	5.133	25.	1.2	9.732	3.12	2.8	3.55	6.05	7.
00335	COD, .025N K2CR2O7 MG/L	10/14/68-11/13/73	70	20.	21.201	107.	1.	211.65	14.548	8.1	13.75	24.5	36.6
00400	PH (STANDARD UNITS)	10/14/68-08/21/73	97	7.	7.033	7.7	6.3	0.098	0.313	6.7	6.8	7.3	7.5
00400	CONVERTED PH (STANDARD UNITS)	10/14/68-08/21/73	97	7.	6.927	7.7	6.3	0.11	0.331	6.7	6.8	7.3	7.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/14/68-08/21/73	97	0.1	0.118	0.501	0.02	0.007	0.086	0.032	0.05	0.158	0.2
00420	ALKALINITY, HYDROXIDE (MG/L AS CACO3)	04/07/69-09/29/70	38	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	10/14/68-11/13/73	76	11.	11.066	30.	3.	10.969	3.312	8.	9.	13.	14.3
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	04/07/69-09/29/70	38	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00500	RESIDUE, TOTAL (MG/L)	10/14/68-11/13/73	76	68.	76.908	214.	40.	1000.031	31.623	49.4	58.	79.5	120.2
00510	RESIDUE, TOTAL FIXED (MG/L)	10/14/68-11/13/73	76	43.5	45.868	155.	7.	424.596	20.606	29.8	37.	48.75	61.7
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/14/68-11/13/73	74	11.	12.514	41.	1.	61.431	7.838	4.5	7.	15.	23.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10/14/68-11/13/73	67	4.	6.179	33.	0.	33.422	5.781	1.	2.	8.	12.2
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	10/14/68-10/15/73	75	0.27	0.321	0.88	0.	0.049	0.222	0.082	0.13	0.48	0.676
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/14/68-02/16/72	75	0.28	0.423	1.75	0.008	0.175	0.419	0.06	0.115	0.626	1.047
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/14/68-09/29/71	74	0.006	0.01	0.076	0.	0.	0.012	0.001	0.003	0.012	0.025
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/14/68-11/13/73	75	0.22	0.256	1.1	0.	0.057	0.238	0.001	0.12	0.3	0.57
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/15/73-11/13/73	2	0.06	0.06	0.09	0.03	0.002	0.042	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/14/68-09/29/71	73	0.07	0.072	0.2	0.	0.002	0.042	0.01	0.05	0.09	0.14
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/14/68-10/15/73	75	22.	22.84	49.	15.	15.542	3.942	20.	21.	24.	25.4
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/14/68-10/15/73	75	7.1	7.271	15.	4.9	1.44	1.2	6.4	6.8	7.6	8.14
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/14/68-10/15/73	75	1.1	1.055	2.9	0.	0.166	0.408	0.76	1.	1.2	1.3
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/14/68-11/13/73	76	3.75	4.47	10.	1.4	4.964	2.228	2.17	2.825	6.15	7.9
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/14/68-10/15/73	75	0.4	0.445	2.8	0.2	0.125	0.353	0.2	0.3	0.5	0.8
00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/14/68-10/15/73	75	5.	5.493	11.	2.	4.659	2.158	3.	4.	7.	9.
00945	SULFATE, TOTAL (MG/L AS SO4)	10/14/68-11/13/73	76	14.	14.882	46.	9.	28.506	5.339	11.	12.	16.	20.
00951	FLUORIDE, TOTAL (MG/L AS F)	04/07/69-11/13/73	62	0.01	0.049	0.7	0.	0.01	0.101	0.	0.01	0.06	0.104
01045	IRON, TOTAL (UG/L AS FE)	10/14/68-11/13/73	75	130.	347.733	15000.	40.	2948071.82	1716.995	60.	90.	190.	260.
01055	MANGANESE, TOTAL (UG/L AS MN)	10/14/68-08/18/71	61	20.	29.016	130.	0.	959.016	30.968	0.	10.	40.	70.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/11/68-11/13/73	100	9650.	32178.5	280000.	50.	2934242538.131	54168.649	1710.	4350.	25750.	108800.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/11/68-11/13/73	100	3.985	4.033	5.447	1.699	0.488	0.699	3.233	3.638	4.411	5.037

** - Less 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: SARA0039

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			10779.688								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/14/68-04/23/69	13	4200.	7484.615	47000.	600.	143944743.59	11997.697	1400.	3200.	5950.	31160.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/14/68-04/23/69	13	3.623	3.648	4.672	2.778	0.167	0.408	3.033	3.504	3.774	4.351
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			4451.151								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	06/22/71-11/13/73	48	755.	10986.042	280000.	10.	1767699215.913	42044.015	151.	412.5	2500.	20600.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	06/22/71-11/13/73	48	2.878	3.024	5.447	1.	0.749	0.865	2.168	2.615	3.398	4.312
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1056.115								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/22/71-11/13/73	49	200.	283.306	1500.	24.	66357.592	257.6	80.	140.	300.	540.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/22/71-11/13/73	49	2.301	2.322	3.176	1.38	0.118	0.344	1.903	2.146	2.477	2.732
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			210.093								
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	06/22/71-11/13/73	49	22000.	48263.265	210000.	900.	3211265289.116	56668.027	2000.	7750.	79500.	130000.
31751	LOG PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	06/22/71-11/13/73	49	4.342	4.299	5.322	2.954	0.45	0.67	3.301	3.889	4.898	5.114
31751	GM PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	GEOMETRIC MEAN =			19902.224								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/04/69-10/16/73	83	3.	4.964	22.	0.5	21.407	4.627	0.5	1.5	8.	11.6
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	10/15/73-10/15/73	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	09/18/73-09/18/73	1	4.	4.	4.	4.	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: SARA0039

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/20-2/29 Obs	9/20-2/29 Exceed	9/20-2/29 Prop.	3/01-4/30 Obs	3/01-4/30 Exceed	3/01-4/30 Prop.	5/01-6/30 Obs	5/01-6/30 Exceed	5/01-6/30 Prop.	7/01-9/19 Obs	7/01-9/19 Exceed	7/01-9/19 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	116	0	0.00	51	0	0.00	21	0	0.00	19	0	0.00	25	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	116	2	0.02	51	1	0.02	21	0	0.00	19	0	0.00	25	1	0.04
00400	PH	Other-Hi Lim.	9.	97	0	0.00	39	0	0.00	17	0	0.00	18	0	0.00	23	0	0.00
		Other-Lo Lim.	6.5	97	5	0.05	39	4	0.10	17	0	0.00	18	0	0.00	23	1	0.04
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	74	0	0.00	31	0	0.00	14	0	0.00	13	0	0.00	16	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	75	0	0.00	32	0	0.00	14	0	0.00	13	0	0.00	16	0	0.00
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	75	0	0.00	32	0	0.00	14	0	0.00	13	0	0.00	16	0	0.00
		Drinking Water	250.	75	0	0.00	32	0	0.00	14	0	0.00	13	0	0.00	16	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	76	0	0.00	33	0	0.00	14	0	0.00	13	0	0.00	16	0	0.00
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	62	0	0.00	21	0	0.00	12	0	0.00	13	0	0.00	16	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	100	95	0.95	41	40	0.98	17	15	0.88	19	17	0.89	23	23	1.00
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	13	12	0.92	9	8	0.89	4	4	1.00						
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	48	43	0.90	20	20	1.00	7	5	0.71	7	6	0.86	14	12	0.86
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	1	1.00										1	1	1.00
		Drinking Water	2.	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

Annual Analysis for 1968 - Station SARA0039

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/14/68-11/13/73	6	6.5	7.5	19.	1.	47.1	6.863	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/14/68-11/13/73	6	9.	9.167	14.	5.	14.967	3.869	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/14/68-11/13/73	6	9.6	8.833	11.6	3.2	10.519	3.243	**	**	**	**
00400	PH (STANDARD UNITS)	10/14/68-08/21/73	6	6.7	6.683	7.1	6.4	0.058	0.24	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/14/68-08/21/73	6	6.7	6.634	7.1	6.4	0.061	0.246	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/14/68-08/21/73	6	0.2	0.232	0.398	0.079	0.012	0.111	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/11/68-11/13/73	1	4300.	4300.	4300.	4300.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/11/68-11/13/73	1	3.633	3.633	3.633	3.633	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4300.								

** - Less than 9 observations ## - Computed with 50% or 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 SARA0039

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/14/68-11/13/73	23	11.	11.348	23.	0.	82.419	9.078	0.	2.	21.	23.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/14/68-11/13/73	24	6.	6.417	21.	1.	21.384	4.624	1.5	3.	8.	12.5
00300	OXYGEN, DISSOLVED MG/L	10/14/68-11/13/73	24	10.2	9.583	13.6	5.	9.13	3.022	5.5	6.6	12.8	13.3
00400	PH (STANDARD UNITS)	10/14/68-08/21/73	24	6.95	7.013	7.6	6.3	0.133	0.365	6.55	6.7	7.3	7.55
00400	CONVERTED PH (STANDARD UNITS)	10/14/68-08/21/73	24	6.947	6.872	7.6	6.3	0.154	0.392	6.55	6.7	7.3	7.55
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/14/68-08/21/73	24	0.113	0.134	0.501	0.025	0.013	0.113	0.028	0.05	0.2	0.284
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/11/68-11/13/73	16	15500.	41068.75	163000.	3400.	2588630291.667	50878.584	4380.	8775.	85250.	132900.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/11/68-11/13/73	16	4.19	4.312	5.212	3.531	0.274	0.523	3.636	3.943	4.903	5.119
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			20521.756								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/04/69-10/16/73	9	10.	9.667	17.	2.5	30.688	5.54	2.5	3.75	15.	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 1970 - Station SARA0039

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/14/68-11/13/73	24	13.	11.625	24.	0.	77.549	8.806	0.	1.5	20.75	22.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/14/68-11/13/73	25	7.6	9.284	23.	2.	25.591	5.059	3.	6.	12.	16.2
00300	OXYGEN, DISSOLVED MG/L	10/14/68-11/13/73	25	9.8	9.176	14.	0.4	13.308	3.648	4.92	6.1	12.6	13.6
00400	PH (STANDARD UNITS)	10/14/68-08/21/73	25	7.2	7.18	7.6	6.7	0.071	0.266	6.8	6.95	7.45	7.54
00400	CONVERTED PH (STANDARD UNITS)	10/14/68-08/21/73	25	7.2	7.104	7.6	6.7	0.077	0.277	6.8	6.95	7.45	7.54
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/14/68-08/21/73	25	0.063	0.079	0.2	0.025	0.002	0.048	0.029	0.036	0.113	0.158
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/11/68-11/13/73	25	6300.	26716.	158600.	50.	1935222858.333	43991.168	2080.	3050.	20625.	116600.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/11/68-11/13/73	25	3.799	3.917	5.2	1.699	0.55	0.742	3.31	3.484	4.294	5.065
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			8265.939								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/04/69-10/16/73	16	5.5	5.688	11.	1.	8.762	2.96	1.	3.	8.	9.6

** - 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 1971 - Station SARA0039

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/14/68-11/13/73	18	12.	12.667	25.	1.	85.647	9.255	1.9	3.	23.	24.1
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/14/68-11/13/73	22	8.05	7.518	12.	3.7	4.765	2.183	4.42	5.	9.	10.14
00300	OXYGEN, DISSOLVED MG/L	10/14/68-11/13/73	22	12.2	10.918	14.5	6.5	8.251	2.872	6.63	7.475	13.45	13.88
00400	PH (STANDARD UNITS)	10/14/68-08/21/73	22	7.1	7.082	7.5	6.5	0.082	0.286	6.63	6.875	7.3	7.47
00400	CONVERTED PH (STANDARD UNITS)	10/14/68-08/21/73	22	7.1	6.988	7.5	6.5	0.091	0.301	6.63	6.875	7.3	7.47
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/14/68-08/21/73	22	0.079	0.103	0.316	0.032	0.006	0.075	0.034	0.05	0.134	0.236

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Annual Analysis for 1971 - Station SARA0039

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/11/68-11/13/73	22	5550.	8529.545	26000.	50.	67733966.45	8230.065	380.	1600.	17425.	20700.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/11/68-11/13/73	22	3.731	3.596	4.415	1.699	0.495	0.703	2.482	3.204	4.241	4.316
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3947.887								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/04/69-10/16/73	21	2.	2.905	12.	0.5	7.89	2.809	0.5	0.5	4.5	6.

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Annual Analysis for 1972 - Station SARA0039

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/14/68-11/13/73	22	8.	11.523	27.	0.5	89.654	9.469	0.65	2.	20.625	24.35
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/14/68-11/13/73	24	4.85	4.879	8.3	2.1	2.654	1.629	2.4	3.7	6.225	7.3
00300	OXYGEN, DISSOLVED MG/L	10/14/68-11/13/73	24	12.25	12.029	16.	8.	9.211	3.035	8.1	9.05	15.	15.65
00400	PH (STANDARD UNITS)	10/14/68-08/21/73	12	6.9	6.917	7.3	6.7	0.032	0.18	6.7	6.8	7.075	7.24
00400	CONVERTED PH (STANDARD UNITS)	10/14/68-08/21/73	12	6.9	6.886	7.3	6.7	0.033	0.183	6.7	6.8	7.075	7.24
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/14/68-08/21/73	12	0.126	0.13	0.2	0.05	0.002	0.047	0.059	0.085	0.158	0.2
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/11/68-11/13/73	24	9700.	19529.167	90000.	1200.	524677807.971	22905.847	2700.	6975.	25000.	60000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/11/68-11/13/73	24	3.987	4.057	4.954	3.079	0.213	0.461	3.406	3.843	4.386	4.772
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			11405.991								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/04/69-10/16/73	24	2.	4.333	22.	0.5	28.362	5.326	0.5	1.	5.75	13.

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Annual Analysis for 1973 - Station SARA0039

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/14/68-11/13/73	15	6.	10.48	26.	1.	85.706	9.258	1.3	2.	18.	26.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/14/68-11/13/73	15	4.4	6.247	16.	1.5	19.4	4.405	1.68	3.3	10.	14.2
00300	OXYGEN, DISSOLVED MG/L	10/14/68-11/13/73	15	11.6	11.567	15.6	6.2	12.771	3.574	6.26	7.4	15.	15.48
00400	PH (STANDARD UNITS)	10/14/68-08/21/73	8	6.85	6.938	7.7	6.7	0.106	0.325	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/14/68-08/21/73	8	6.847	6.867	7.7	6.7	0.111	0.334	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/14/68-08/21/73	8	0.142	0.136	0.2	0.02	0.003	0.059	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/11/68-11/13/73	12	64000.	102683.333	280000.	3600.	10285646969.697	101418.179	4500.	13250.	182500.	274000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/11/68-11/13/73	12	4.802	4.684	5.447	3.556	0.426	0.653	3.635	4.117	5.26	5.438
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			48307.719								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/04/69-10/16/73	13	4.	5.308	18.	1.	21.731	4.662	1.	2.	8.	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

Station Inventory for Station: SARA0040

NPS Station ID: SARA0040 | LAT/LON: 43.269448/ -73.596671 | Agency: 21NYDEC1 | Date Created: / /
Location: HUDSON RIVER | FIPS State/County: 36115 NEW YORK/WASHINGTON
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): 11 0552
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 02020003 | Depth of Water: 0 | Aquifer:
Major Basin: NYS MILE PT. - 191.2 | Elevation: 0 | Water Body Id:
Minor Basin: | ECO Region:
RF1 Index: 02020003057 | RF1 Mile Point: 3.690 | Distance from RF1: 0.00 | On/Off RF1: ON
RF3 Index: 02020003005700.00 | RF3 Mile Point: 4.00 | Distance from RF3: 0.09 | On/Off RF3:
Description:
LOCATION... FROM BOAT AT MIDCHANNEL OPPOSITE PAPER MILL WATER INTAKE UP STREAM FROM LOCK NO. 7.
DATE ACTIVATED..... 04-23-64 | DATE DEACTIVATED..... 11-09-64
STREAM NAME..... HUDSON RIVER | STREAM INDEX..... H
STREAM CLASSIFICATION..... D | TOPO MAP NAME.. HUDSON FALLS
TOPO MAP NO... H-26-3 | MILE POINT..... 191.2
GAZETTEER NO. 5724

Parameter Inventory for Station: SARA0040

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/23/64-11/09/64	8	20.	17.75	28.	7.	56.214	7.498	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/23/64-11/09/64	8	12.	14.5	25.	4.	62.286	7.892	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	04/23/64-11/09/64	8	32.5	30.625	40.	20.	48.554	6.968	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/23/64-11/09/64	8	7.	7.05	12.8	3.6	7.449	2.729	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	04/23/64-11/09/64	8	6.6	7.288	14.	4.1	10.97	3.312	**	**	**	**
00400	PH (STANDARD UNITS)	04/23/64-11/09/64	8	6.55	6.613	7.5	6.1	0.173	0.416	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/23/64-11/09/64	8	6.525	6.485	7.5	6.1	0.191	0.437	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/64-11/09/64	8	0.299	0.327	0.794	0.032	0.053	0.23	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	04/23/64-11/09/64	8	9800.	8525.	16000.	1300.	28605000.	5348.364	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	04/23/64-11/09/64	8	3.991	3.81	4.204	3.114	0.156	0.394	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			6461.361								

** - 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 time series plot

EPA Water Quality Criteria Analysis for Station: SARA0040

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/20-2/29 Obs	9/20-2/29 Exceed	9/20-2/29 Prop.	3/01-4/30 Obs	3/01-4/30 Exceed	3/01-4/30 Prop.	5/01-6/30 Obs	5/01-6/30 Exceed	5/01-6/30 Prop.	7/01-9/19 Obs	7/01-9/19 Exceed	7/01-9/19 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	8	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00	3	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	8	1	0.13	2	0	0.00	1	0	0.00	2	0	0.00	3	1	0.33
00400	PH	Other-Hi Lim.	9.	8	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00	3	0	0.00
		Other-Lo Lim.	6.5	8	4	0.50	2	2	1.00	1	0	0.00	2	1	0.50	3	1	0.33

& - 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: SARA0040

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/20-2/29 Obs	9/20-2/29 Exceed	9/20-2/29 Prop.	3/01-4/30 Obs	3/01-4/30 Exceed	3/01-4/30 Prop.	5/01-6/30 Obs	5/01-6/30 Exceed	5/01-6/30 Prop.	7/01-9/19 Obs	7/01-9/19 Exceed	7/01-9/19 Prop.
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	8	8	1.00	2	2	1.00	1	1	1.00	2	2	1.00	3	3	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: SARA0041

NPS Station ID: SARA0041
LAT/LON: 43.267226/ -73.604171
Agency: 21NYDEC2
Date Created: 02/09/79
Location: HUDSON RIVER AT FORT EDWARD
FIPS State/County: 36091 NEW YORK/SARATOGA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 11F01011
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02020003
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: UPPER HUDSON RIVER
ECO Region:
RF1 Index: 02020003057
RF1 Mile Point: 3.390
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02020003006500.00
RF3 Mile Point: 5.54
Distance from RF3: 0.01
On/Off RF3:
Description:
DATA FROM NEW YORK DEPARTMENT OF ENVIRONMENTAL CONSERVATION SAMPLES ANALYZED FOR TOXICS SAMPLE TAKEN FROM HUDSON RIVER AT FORT EDWARD

Parameter Inventory for Station: SARA0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34690	PCB - 1254 WET WGTTISMG/KG	09/19/75-09/19/75	4	37.92	35.36	62.88	2.72	736.157	27.132	**	**	**	**
39105	PERCENT FAT HEXANE EXTRACTION	09/19/75-09/19/75	2	4.9	4.9	5.8	4.	1.62	1.273	**	**	**	**
39376	DDT SUM ANALOGS INTISSUE WET WGT BASIS	09/19/75-09/19/75	4	4.74	4.39	7.67	0.41	9.488	3.08	**	**	**	**
39515	PCBS (MG/KG) FISH TISSUE MG/KG	09/19/75-09/19/75	4	142.025	148.725	299.3	11.55	13934.418	118.044	**	**	**	**
81371	PCBS AROCLOR 1016&1242 IN FISH TISSUE WET WGT UG/G	09/19/75-09/19/75	4	105.605	114.115	236.42	8.83	9073.712	95.256	**	**	**	**
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	09/19/75-09/19/75	4	7.5	9.75	20.	4.	53.583	7.32	**	**	**	**
81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	09/19/75-09/19/75	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

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

Station Inventory for Station: SARA0042

NPS Station ID: SARA0042 | LAT/LON: 43.004753/ -73.605837 | Agency: 11NPSWRD | Date Created: 03/23/96
Location: CHAMPLAIN CANAL AND DUCK POND | FIPS State/County: 36091 NEW YORK/SARATOGA
Station Type: /CANAL/TYPA/AMBNT | STORET Station ID(s): SARA_13
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 02020003 | Depth of Water: 0 | Aquifer:
Major Basin: NORTHEAST | Elevation: 98 | Water Body Id:
Minor Basin: MIDDLE HUDSON RIVER | ECO Region:
RF1 Index: 02020003 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 02020003002200.00 | RF3 Mile Point: 3.62 | Distance from RF3: 0.03 | On/Off RF3:
Description:
SITE IS LOCATED ON THE OLD CHAMPLAIN CANAL APPROXIMATELY 1/2 MILE NORTH OF WHERE KROMA KILL ENTERS THE CANAL. THIS HISTORIC CANAL RUNNING ADJACENT TO ROUTE 4 REMAINS FILLED WITH STREAM FLOW WATERS AND OCCASIONAL HUDSON RIVER FLOOD WATERS. THE FUNCTIONING SECTION OF THE CANAL IS USED FOR AGRICULTURAL IRRIGATION. WATER IS PUMPED FROM THE CANAL TO CROP LANDS ON THE BLUFF TOPS ADJACENT TO THE PARK'S STOP #8 BOUNDARY. SITE IS LOCATED ON THE SCHUYLERVILLE NY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. STATION IS THE RESPONSIBILITY OF SARATOGA NATIONAL HISTORICAL PARK 648 ROUTE 32 STILLWATER NEW YORK 12170. PH.(518)664-9821. FOR MORE INFORMATION CONTACT CHRIS MARTIN - RESOURCE MANAGEMENT AT SARATOGA NATIONAL HISTORICAL PARK. DATA PROCESSED AND UPLOADED TO STORET BY RANDY SIDDENS AT NPS WRD IN FORT COLLINS COLORADO. PHONE (970) 225-3556 FAX (970) 225-9965.

Parameter Inventory for Station: SARA0042

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00480	SALINITY - PARTS PER THOUSAND	07/23/87-07/23/87	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/23/87-07/23/87	1	62.	62.	62.	62.	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/30/87-04/30/87	1 ##	50.	50.	50.	50.	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: SARA0042

				Total	Exceed	Prop.	----------9/20-2/29----------			----------3/01-4/30----------			----------5/01-6/30----------			----------7/01-9/19----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	15.	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: SARA0043

NPS Station ID: SARA0043
LAT/LON: 43.133337/ -73.608337
Agency: 11BIOACC
Date Created: 02/24/90
Location: HUDSON RIVER @ FT. MILLER
FIPS State/County: 36115 NEW YORK/WASHINGTON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 3259
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02020003
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02020003
RF1 Mile Point: 0.000
Distance from RF1: 4.40
On/Off RF1:
RF3 Index: 02020003003300.36
RF3 Mile Point: 0.85
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: SARA0043

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
30344	PENTACHLORODIBENZO-P-DIOXIN,12378,FISH,WET WT,PG/G	06/09/87-07/21/87	1 ##	0.84	0.84	0.84	0.84	0.	0.	**	**	**	**
30345	HEXACHLORODIBENZO-P-DIOXIN,123478,FISH,WET WT,PG/G	06/09/87-07/21/87	2 ##	1.035	1.035	1.56	0.51	0.551	0.742	**	**	**	**
30346	HEXACHLORODIBENZO-P-DIOXIN,123678,FISH,WET WT,PG/G	06/09/87-07/21/87	2	2.72	2.72	4.07	1.37	3.645	1.909	**	**	**	**
30347	HEXACHLORODIBENZO-P-DIOXIN,123789,FISH,WET WT,PG/G	06/09/87-07/21/87	2 ##	0.573	0.573	0.685	0.46	0.025	0.159	**	**	**	**
30348	HEPTACHLORODIBENZO-P-DIOXIN,1234678,TIS,WETWT,PG/G	06/09/87-07/21/87	2	4.135	4.135	5.87	2.4	6.02	2.454	**	**	**	**
30349	TETRACHLORODIBENZOFURAN, 2378- , FISH,WET WT.,PG/G	06/09/87-07/21/87	2	12.83	12.83	24.73	0.93	283.22	16.829	**	**	**	**
30350	PENTACHLORODIBENZOFURAN,12378- , FISH,WET WT.,PG/G	06/09/87-07/21/87	2 ##	0.673	0.673	0.96	0.385	0.165	0.407	**	**	**	**
30351	PENTACHLORODIBENZOFURAN,23478- , FISH,WET WT.,PG/G	06/09/87-07/21/87	2	4.125	4.125	5.53	2.72	3.948	1.987	**	**	**	**
30352	HEXACHLORODIBENZOFURAN,123478- , FISH,WET WT.,PG/G	06/09/87-07/21/87	2 ##	1.003	1.003	1.415	0.59	0.34	0.583	**	**	**	**
30353	HEXACHLORODIBENZOFURAN,123678- , FISH,WET WT.,PG/G	06/09/87-07/21/87	2 ##	0.965	0.965	1.42	0.51	0.414	0.643	**	**	**	**
30354	HEXACHLORODIBENZOFURAN,123789- , FISH,WET WT.,PG/G	06/09/87-07/21/87	2 ##	1.385	1.385	1.385	1.385	0.	0.	**	**	**	**
30355	HEXACHLORODIBENZOFURAN,234678- , FISH,WET WT.,PG/G	06/09/87-07/21/87	2 ##	0.98	0.98	0.98	0.98	0.	0.	**	**	**	**
30356	HEPTACHLORODIBENZOFURAN,1234678- ,FISH,WET WT,PG/G	06/09/87-07/21/87	2	0.325	0.325	0.42	0.23	0.018	0.134	**	**	**	**
30357	HEPTACHLORODIBENZOFURAN,1234789- ,FISH,WET WT,PG/G	06/09/87-07/21/87	2 ##	1.305	1.305	1.305	1.305	0.	0.	**	**	**	**
34395	HEXACHLOROBUTADIENE WET WGTTISMG/KG	06/09/87-07/21/87	3 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
34555	1,2,4-TRICHLOROBENZENE WET WGTTISMG/KG	06/09/87-07/21/87	3 ##	0.002	0.001	0.002	0.	0.	0.001	**	**	**	**
34685	ENDRIN WET WGTTISMG/KG	06/09/87-07/21/87	3 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	06/09/87-07/21/87	3 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
34687	HEPTACHLOR WET WGTTISMG/KG	06/09/87-07/21/87	3 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
34688	HEXACHLOROBENZENE WET WGTTISMG/KG	06/09/87-07/21/87	3 ##	0.002	0.001	0.002	0.001	0.	0.	**	**	**	**
34754	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN TISWETWTPG/G	06/09/87-07/21/87	2	1.545	1.545	1.89	1.2	0.238	0.488	**	**	**	**
38824	ISOPROPALIN TISWETWGTMG/KG	06/09/87-07/21/87	3 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39063	CHLORDANE-CIS ISOMER,TISSUE WET WGT (UG/G)	06/09/87-07/21/87	3 ##	0.002	0.006	0.014	0.002	0.	0.007	**	**	**	**
39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	06/09/87-07/21/87	3 ##	0.002	0.004	0.009	0.002	0.	0.004	**	**	**	**
39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	06/09/87-07/21/87	3 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39319	MONOCHLOROBIPHENYL,TOTAL, TISSUE,WET,WT,MG/KG	06/09/87-07/21/87	3	0.004	0.08	0.235	0.001	0.018	0.134	**	**	**	**
39322	P,P'-DDE IN TISSUE WET WGT MG/KG	06/09/87-07/21/87	3	0.09	0.098	0.2	0.005	0.01	0.098	**	**	**	**
39335	DICHLOROBIPHENYL,TOTAL, TISSUE,WET,WT,MG/KG	06/09/87-07/21/87	3	1.132	2.079	5.072	0.032	7.023	2.65	**	**	**	**
39339	TRICHLOROBIPHENYL,TOTAL, TISSUE,WET,WT,MG/KG	06/09/87-07/21/87	3	4.748	7.778	18.344	0.241	88.814	9.424	**	**	**	**
39345	TETRACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	06/09/87-07/21/87	3	42.685	35.126	60.764	1.929	908.243	30.137	**	**	**	**
39347	PENTACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	06/09/87-07/21/87	3	23.843	18.305	29.578	1.495	220.163	14.838	**	**	**	**
39354	HEPTACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	06/09/87-07/21/87	3	1.332	1.044	1.663	0.137	0.644	0.803	**	**	**	**
39355	OCTACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	06/09/87-07/21/87	3	0.177	0.196	0.369	0.041	0.027	0.165	**	**	**	**
39404	DIELDRIN IN TISSUE WET WGT (UG/G)	06/09/87-07/21/87	3 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39408	NONACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	06/09/87-07/21/87	3	0.063	0.049	0.081	0.003	0.002	0.041	**	**	**	**
39409	DECACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	06/09/87-07/21/87	3 ##	0.003	0.004	0.007	0.003	0.	0.002	**	**	**	**
39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	06/09/87-07/21/87	3 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
46333	PENTACHLORONITROBENZENE (PCNB) IN TISSUE WET MG/KG	06/09/87-07/21/87	3 ##	0.002	0.002	0.002	0.002	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: SARA0043

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70977	INSTRUMENT RATIO, LAB/FIELD CONCENTRATIONS, NUMBER	06/09/87-07/21/87	2	5.335	5.335	7.39	3.28	8.446	2.906	**	**	**	**
71935	MERCURY, TOTAL IN FISH (PPM,WET WEIGHT BASIS)	06/09/87-07/21/87	3	0.3	0.733	1.7	0.2	0.703	0.839	**	**	**	**
76530	BIPHENYL TISSUE ,WET WGT,MG/KG	06/09/87-07/21/87	3	0.003	0.002	0.003	0.	0.	0.002	**	**	**	**
78907	HEXACHLOROBIPHENYLS IN FISH TISSUE WET WGT. MG/KG	06/09/87-07/21/87	3	7.51	5.677	8.86	0.66	19.331	4.397	**	**	**	**
78922	NONACHLOR, TRANS, TISSUE, WET WEIGHT MG/KG	06/09/87-07/21/87	3	0.01	0.007	0.01	0.002	0.	0.005	**	**	**	**
78923	NONACHLOR, CIS, TISSUE, WET WEIGHT MG/KG	06/09/87-07/21/87	3 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
79026	1,2,3,4,-TETRACHLOROBENZENE IN FISH WET WGT MG/KG	06/09/87-07/21/87	3 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
81312	POLYCHLORINATEDBIPHENYLS FISH TISSUE WET WGT MG/KG	06/09/87-07/21/87	3	82.277	70.336	124.192	4.539	3686.151	60.714	**	**	**	**
81644	METHOXYCHLOR IN FISH TISSUE,UG/G WET WEIGHT	06/09/87-07/21/87	3 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
81645	MIREX IN FISH TISSUE WET WEIGHT UG/G	06/09/87-07/21/87	3 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
81652	TREFLAN IN FISH TISSUE WET WEIGHT MG/KG	06/09/87-07/21/87	3 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
81807	DURSBAN IN FISH TISSUE WET WEIGHT MG/KG	06/09/87-07/21/87	3 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
81823	PENTACHLOROANISOLE(PCA)INFISH TISSUE WET WGT MG/KG	06/09/87-07/21/87	3 ##	0.002	0.001	0.002	0.001	0.	0.	**	**	**	**
82029	OXYCHLORDANE IN TISSUE SAMPLE WET WEIGHT MG/KG	06/09/87-07/21/87	3 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
85675	TRICHLOROBENZENE,1,3,5- TISSUE,WET,WT,MG/KG	06/09/87-07/21/87	3 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
85676	TRICHLOROBENZENE,1,2,3- TISSUE,WET,WT,MG/KG	06/09/87-07/21/87	3 ##	0.002	0.001	0.002	0.	0.	0.001	**	**	**	**
85677	TETRACHLOROBENZENE,1,2,4,5- TISSUE,WET,WT,MG/KG	06/09/87-07/21/87	3 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
85678	TETRACHLOROBENZENE,1,2,3,5- TISSUE,WET,WT,MG/KG	06/09/87-07/21/87	3 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
85679	PENTACHLOROBENZENE TISSUE,WET,WT,MG/KG	06/09/87-07/21/87	3 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
85680	DIPHENYL DISULFIDE TISSUE,WET,WT,MG/KG	06/09/87-07/21/87	3 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
85681	OCTACHLOROSTYRENE TISSUE,WET,WT,MG/KG	06/09/87-07/21/87	3 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
85682	NITROFEN TISSUE,WET,WT,MG/KG	06/09/87-07/21/87	3 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
85683	PERTHANE TISSUE,WET,WT,MG/KG	06/09/87-07/21/87	3 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
85684	DICOFOL (KELTHANE) TISSUE,WET,WT,MG/KG	06/09/87-07/21/87	3 ##	0.002	0.002	0.002	0.002	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: SARA0044

NPS Station ID: SARA0044 | LAT/LON: 42.998170/ -73.610615 | Agency: 11NPSWRD | Date Created: 03/23/96
Location: KROMA KILL AND ROUTE 4 CULVERT | FIPS State/County: 36091 NEW YORK/SARATOGA
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): SARA_14
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 02020003 | Depth of Water: 0 | Aquifer:
Major Basin: NORTHEAST | Elevation: 98 | Water Body Id:
Minor Basin: MIDDLE HUDSON RIVER | ECO Region:
RF1 Index: 02020003 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 02020003002200.00 | RF3 Mile Point: 3.62 | Distance from RF3: 0.03 | On/Off RF3:
Description:
SITE IS LOCATED ON KROMA KILL JUST DOWNSTREAM OF WHERE KROMA KILL CROSSES ROUTE 4. IT IS APPROXIMATELY 100 YARDS UPSTREAM OF THE CONFLUENCE OF KROMA KILL AND THE HUDSON RIVER. KROMA KILL IS A FIRST ORDER STREAM THAT DRAINS THE NORTH EASTERN PORTION OF THE PARK AND IS THE MAIN CONTRIBUTOR TO THE GREAT RAVINE AREA WHICH HAS HISTORICAL SIGNIFICANCE. THIS STREAM EMPTIES INTO THE CHAMPLAIN CANAL AND EVENTUALLY INTO THE HUDSON RIVER. QUADRANGLE. STATION IS THE RESPONSIBILITY OF SARATOGA NATIONAL HISTORICAL PARK 648 ROUTE 32 STILLWATER NEW YORK 12170. PH.(518)664-9821. FOR MORE INFORMATION CONTACT CHRIS MARTIN - RESOURCE MANAGEMENT AT SARATOGA NATIONAL HISTORICAL PARK. DATA PROCESSED AND UPLOADED TO STORET BY RANDY SIDDENS AT NPS WRD IN FORT COLLINS COLORADO. PHONE (970) 225-3556 FAX (970) 225-9965.

Parameter Inventory for Station: SARA0044

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39519 PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/30/87-04/30/87	1 ##	50.	50.	50.	50.	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: SARA0045

NPS Station ID: SARA0045 | LAT/LON: 42.998865/ -73.610810 | Agency: 11NPSWRD | Date Created: 03/23/96
Location: LOWER KROMA KILL ALONG ROUTE 4 | FIPS State/County: 36091 NEW YORK/SARATOGA
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): SARA_07
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 02020003 | Depth of Water: 0 | Aquifer:
Major Basin: NORTHEAST | Elevation: 98 | Water Body Id:
Minor Basin: MIDDLE HUDSON RIVER | ECO Region:
RF1 Index: 02020003 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 02020003002200.00 | RF3 Mile Point: 3.62 | Distance from RF3: 0.03 | On/Off RF3:
Description:
SITE IS LOCATED ON KROMA KILL JUST UPSTREAM OF WHERE IT CROSSES ROUTE 4. IT IS IN THE AREA WHERE KROMA KILL FLOWS PARALLEL TO ROUTE 4. KROMA KILL IS A FIRST ORDER STREAM THAT DRAINS THE NORTH EASTERN PORTION OF THE PARK AND IS THE MAIN CONTRIBUTOR TO THE GREAT RAVINE AREA WHICH HAS HISTORICAL SIGNIFICANCE. THIS STREAM EMPTIES INTO THE CHAMPLAIN CANAL AND EVENTUALLY INTO THE HUDSON RIVER.
SITE IS LOCATED ON THE SCHAGHTICOKE NY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. STATION IS THE RESPONSIBILITY OF SARATOGA NATIONAL HISTORICAL PARK 648 ROUTE 32 STILLWATER NEW YORK 12170. PH.(518)664-9821. FOR MORE INFORMATION CONTACT CHRIS MARTIN - RESOURCE MANAGEMENT AT SARATOGA NATIONAL HISTORICAL PARK. DATA PROCESSED AND UPLOADED TO STORET BY RANDY SIDDENS AT NPS WRD IN FORT COLLINS COLORADO. PHONE (970) 225-3556 FAX (970) 225-9965.

Parameter Inventory for Station: SARA0045

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/13/87-08/17/90	28	19.	19.214	26.	11.	10.828	3.291	15.	17.	22.	23.1
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/13/87-08/17/90	28	22.	21.943	31.	15.	10.843	3.293	17.75	20.	23.75	27.02
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/13/87-08/17/90	28	250.	272.393	500.	195.	5243.21	72.41	200.	228.5	297.5	382.5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/10/87-07/25/89	18	8.9	8.911	10.3	7.4	0.472	0.687	8.21	8.45	9.45	9.76
00403	PH, LAB, STANDARD UNITS SU	05/27/87-07/30/90	26	8.3	8.258	8.6	7.8	0.033	0.181	8.	8.1	8.4	8.46
00403	CONVERTED PH, LAB, STANDARD UNITS	05/27/87-07/30/90	26	8.3	8.219	8.6	7.8	0.034	0.186	8.	8.1	8.4	8.46
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/27/87-07/30/90	26	0.005	0.006	0.016	0.003	0.	0.003	0.004	0.004	0.008	0.01
00480	SALINITY - PARTS PER THOUSAND	05/13/87-08/17/90	29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/23/87-07/23/87	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/23/87-07/23/87	1	53.	53.	53.	53.	0.	0.	**	**	**	**
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	07/23/87-07/23/87	1 ##	0.025	0.025	0.025	0.025	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: SARA0045

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/20-2/29 Obs	9/20-2/29 Exceed	9/20-2/29 Prop.	3/01-4/30 Obs	3/01-4/30 Exceed	3/01-4/30 Prop.	5/01-6/30 Obs	5/01-6/30 Exceed	5/01-6/30 Prop.	7/01-9/19 Obs	7/01-9/19 Exceed	7/01-9/19 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	18	0	0.00	1	0	0.00				4	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

EPA Water Quality Criteria Analysis for Station: SARA0045

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/20-2/29 Obs	9/20-2/29 Exceed	9/20-2/29 Prop.	3/01-4/30 Obs	3/01-4/30 Exceed	3/01-4/30 Prop.	5/01-6/30 Obs	5/01-6/30 Exceed	5/01-6/30 Prop.	7/01-9/19 Obs	7/01-9/19 Exceed	7/01-9/19 Prop.
00403	PH, LAB	Other-Hi Lim.	9.	26	0	0.00	1	0	0.00				9	0	0.00	16	0	0.00
		Other-Lo Lim.	6.5	26	0	0.00	1	0	0.00				9	0	0.00	16	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00										1	0	0.00
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	15.	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: SARA0046

NPS Station ID: SARA0046
LAT/LON: 43.095003/ -73.613060
Agency: 112WRD
Date Created: 05/21/88
Location: FISH CREEK NEAR GRANGERVILLE NY
FIPS State/County: 36091 NEW YORK/SARATOGA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 01330907
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02020003
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02020003
RF1 Mile Point: 0.000
Distance from RF1: 4.00
On/Off RF1:
RF3 Index: 02020003033600.00
RF3 Mile Point: 0.38
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: SARA0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/22/87-06/18/92	17	16.3	14.988	28.4	2.	62.122	7.882	3.12	8.	21.4	24.48
00025	BAROMETRIC PRESSURE (MM OF HG)	03/28/88-11/02/88	7	764.	762.429	768.	755.	21.952	4.685	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/28/88-11/02/88	9	226.	327.778	720.	62.	66113.694	257.126	62.	77.5	590.	720.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/22/87-11/02/88	16	2.95	4.319	26.	1.2	34.967	5.913	1.2	2.	3.875	11.79
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/28/88-06/18/92	9	273.	271.889	289.	239.	203.111	14.252	239.	268.5	282.	289.
00300	OXYGEN, DISSOLVED MG/L	04/22/87-06/18/92	17	9.3	10.865	21.9	6.9	15.026	3.876	7.46	8.05	12.15	18.38
00400	PH (STANDARD UNITS)	04/22/87-06/18/92	17	7.7	7.554	8.1	6.7	0.153	0.391	7.02	7.2	7.8	8.1
00400	CONVERTED PH (STANDARD UNITS)	04/22/87-06/18/92	17	7.7	7.371	8.1	6.7	0.189	0.434	7.02	7.2	7.8	8.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/22/87-06/18/92	17	0.02	0.043	0.2	0.008	0.002	0.048	0.008	0.016	0.065	0.103
00403	PH, LAB, STANDARD UNITS SU	05/12/87-11/02/88	12	7.95	7.942	8.3	7.7	0.028	0.168	7.7	7.825	8.	8.24
00403	CONVERTED PH, LAB, STANDARD UNITS	05/12/87-11/02/88	12	7.947	7.913	8.3	7.7	0.029	0.17	7.7	7.825	8.	8.24
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/12/87-11/02/88	12	0.011	0.012	0.02	0.005	0.	0.005	0.006	0.01	0.015	0.02
00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	06/18/92-06/18/92	1	87.	87.	87.	87.	0.	0.	**	**	**	**
00496	LOSS ON IGNITION, BOTTOM DEPOSITS (MG/KG)	10/26/87-08/15/88	2	16850.	16850.	18700.	15000.	6845000.	2616.295	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	04/22/87-11/02/88	16	178.	179.563	223.	157.	301.329	17.359	159.1	170.	184.5	216.
00505	RESIDUE, TOTAL VOLATILE (MG/L)	04/22/87-11/02/88	16	60.5	59.875	87.	38.	178.783	13.371	38.	49.5	69.5	77.9
00510	RESIDUE, TOTAL FIXED (MG/L)	04/22/87-11/02/88	16	116.5	121.	169.	96.	442.133	21.027	98.1	104.25	135.5	160.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/22/87-11/02/88	16	0.03	0.034	0.07	0.	0.	0.02	0.007	0.02	0.048	0.07
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/22/87-11/02/88	16 ##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/22/87-11/02/88	16	0.305	0.283	0.48	0.13	0.009	0.094	0.151	0.19	0.33	0.417
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/22/87-11/02/88	16	0.17	0.184	0.36	0.025	0.013	0.112	0.057	0.08	0.3	0.353
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/22/87-11/02/88	16	0.02	0.029	0.12	0.01	0.001	0.026	0.01	0.02	0.03	0.064
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/22/87-11/02/88	16	0.	0.001	0.02	0.	0.	0.005	0.	0.	0.	0.006
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/22/87-11/02/88	16	29.5	28.625	33.	12.	22.65	4.759	21.8	28.	31.	31.6
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/22/87-11/02/88	16	7.4	7.163	8.4	2.1	2.097	1.448	5.46	7.	8.075	8.33
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/28/88-11/02/88	9	13.	13.556	15.	13.	0.528	0.726	13.	13.	14.	15.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/28/88-11/02/88	9	1.2	1.344	2.5	1.	0.21	0.459	1.	1.1	1.4	2.5
00940	CHLORIDE,TOTAL IN WATER MG/L	03/28/88-11/02/88	9	20.	20.667	22.	20.	0.75	0.866	20.	20.	21.5	22.
00945	SULFATE, TOTAL (MG/L AS SO4)	03/28/88-11/02/88	9	16.	16.111	19.	14.	2.611	1.616	14.	15.	17.5	19.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/28/88-11/02/88	9	0.1	0.167	0.3	0.1	0.008	0.087	0.1	0.1	0.25	0.3
01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/26/87-11/02/88	5 ##	0.5	0.6	1.	0.5	0.05	0.224	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	04/22/87-11/02/88	16 ##	1.	2.031	5.	0.5	4.316	2.077	0.5	0.5	5.	5.
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/26/87-08/15/88	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/26/87-10/26/87	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	10/26/87-11/02/88	5	1.	1.6	3.	1.	0.8	0.894	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	04/22/87-11/02/88	16	5.	6.313	20.	2.	22.496	4.743	2.7	3.25	5.75	15.8
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	10/26/87-08/15/88	2	4.5	4.5	5.	4.	0.5	0.707	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	04/22/87-11/02/88	16	305.	411.875	1100.	90.	91536.25	302.55	125.	217.5	512.5	1100.

** - Less 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: SARA0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01046	IRON, DISSOLVED (UG/L AS FE)	03/28/88-11/02/88	4	38.	39.5	61.	21.	365.667	19.122	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	10/26/87-11/02/88	5 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	04/22/87-11/02/88	16 ##	2.5	6.844	50.	2.5	152.057	12.331	2.5	2.5	2.5	29.
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	10/26/87-08/15/88	2 ##	17.5	17.5	30.	5.	312.5	17.678	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	10/26/87-08/15/88	2	115.	115.	120.	110.	50.	7.071	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	04/22/87-11/02/88	16	50.	53.125	90.	20.	329.583	18.154	27.	42.5	60.	83.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/28/88-11/02/88	4	29.	29.75	50.	11.	278.25	16.681	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	10/26/87-11/02/88	5	1.	1.3	3.	0.5	0.95	0.975	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	04/22/87-11/02/88	16	3.	6.719	50.	0.5	141.899	11.912	0.5	2.	6.75	22.
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/26/87-08/15/88	2 ##	27.5	27.5	50.	5.	1012.5	31.82	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	10/26/87-11/02/88	5 ##	5.	5.1	9.	1.5	7.05	2.655	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	04/22/87-11/02/88	16 ##	5.	8.438	20.	5.	35.729	5.977	5.	5.	10.	20.
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	10/26/87-08/15/88	2	20.	20.	20.	20.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	03/28/88-11/02/88	9	160.	284.444	970.	60.	82927.778	287.972	60.	100.	405.	970.
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	03/28/88-11/02/88	4 ##	5.	8.75	20.	5.	56.25	7.5	**	**	**	**
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	08/15/88-08/15/88	1	2600.	2600.	2600.	2600.	0.	0.	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	10/26/87-08/15/88	2	4350.	4350.	4400.	4300.	5000.	70.711	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/12/87-11/02/88	14	1150.	3273.571	19000.	200.	29424701.648	5424.454	200.	675.	2550.	15500.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/12/87-11/02/88	14	3.06	3.124	4.279	2.301	0.34	0.583	2.301	2.797	3.404	4.179
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1331.843								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	05/12/87-11/02/88	14	130.	406.429	4000.	20.	1082024.725	1040.204	20.	27.5	245.	2180.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	05/12/87-11/02/88	14	2.079	2.021	3.602	1.301	0.423	0.65	1.301	1.433	2.389	3.079
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			105.029								
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	04/22/87-11/02/88	14 ##	0.375	0.343	0.5	0.1	0.03	0.172	0.1	0.213	0.5	0.5
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	04/22/87-11/02/88	14 ##	0.375	0.332	0.5	0.05	0.036	0.189	0.05	0.2	0.5	0.5
32104	BROMOFORM,WHOLE WATER,UG/L	04/22/87-11/02/88	14 ##	0.375	0.354	0.5	0.15	0.024	0.156	0.15	0.225	0.5	0.5
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	04/22/87-11/02/88	14 ##	0.375	0.332	0.5	0.05	0.036	0.189	0.05	0.2	0.5	0.5
32106	CHLOROFORM,WHOLE WATER,UG/L	04/22/87-11/02/88	14 ##	0.375	0.332	0.5	0.05	0.036	0.189	0.05	0.2	0.5	0.5
34257	B-BHC-BETA DRY WGTBOTUG/KG	08/15/88-08/15/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34262	DELTA BENZENE HEXACHLORIDE DRY WGTBOTUG/KG	08/15/88-08/15/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34301	CHLOROBENZENE TOTWUG/L	04/22/87-11/02/88	14 ##	0.375	0.354	0.5	0.15	0.024	0.156	0.15	0.225	0.5	0.5
34311	CHLOROETHANE TOTWUG/L	04/22/87-11/02/88	14 ##	0.375	0.364	0.5	0.2	0.02	0.142	0.2	0.238	0.5	0.5
34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	08/15/88-08/15/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	08/15/88-08/15/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	08/15/88-08/15/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	08/15/88-08/15/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34413	METHYL BROMIDE TOTWUG/L	04/22/87-11/02/88	14 ##	0.5	0.45	0.6	0.25	0.019	0.137	0.25	0.25	0.525	0.6
34418	METHYL CHLORIDE TOTWUG/L	04/22/87-11/02/88	14 ##	0.375	0.343	0.5	0.1	0.03	0.172	0.1	0.213	0.5	0.5
34423	METHYLENE CHLORIDE TOTWUG/L	04/22/87-11/02/88	14 ##	0.5	0.393	0.5	0.25	0.016	0.128	0.25	0.25	0.5	0.5
34475	TETRACHLOROETHYLENE TOTWUG/L	04/22/87-11/02/88	14 ##	0.375	0.343	0.5	0.1	0.03	0.172	0.1	0.213	0.5	0.5
34496	1,1-DICHLOROETHANE TOTWUG/L	04/22/87-11/02/88	14 ##	0.375	0.343	0.5	0.1	0.03	0.172	0.1	0.213	0.5	0.5
34501	1,1-DICHLOROETHYLENE TOTWUG/L	04/22/87-11/02/88	14 ##	0.375	0.332	0.5	0.05	0.036	0.189	0.05	0.2	0.5	0.5
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	04/22/87-11/02/88	14 ##	0.375	0.343	0.5	0.1	0.03	0.172	0.1	0.213	0.5	0.5
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	04/22/87-11/02/88	14 ##	0.375	0.332	0.5	0.05	0.036	0.189	0.05	0.2	0.5	0.5
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	04/22/87-11/02/88	14 ##	0.375	0.332	0.5	0.05	0.036	0.189	0.05	0.2	0.5	0.5
34531	1,2-DICHLOROETHANE TOTWUG/L	04/22/87-11/02/88	14 ##	0.375	0.354	0.5	0.15	0.024	0.156	0.15	0.225	0.5	0.5
34536	1,2-DICHLOROBENZENE TOTWUG/L	04/22/87-11/02/88	14 ##	0.375	0.343	0.5	0.1	0.03	0.172	0.1	0.213	0.5	0.5
34541	1,2-DICHLOROPROPANE TOTWUG/L	04/22/87-11/02/88	14 ##	0.375	0.343	0.5	0.1	0.03	0.172	0.1	0.213	0.5	0.5
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	04/22/87-11/02/88	14 ##	0.375	0.354	0.5	0.15	0.024	0.156	0.15	0.225	0.5	0.5
34566	1,3-DICHLOROBENZENE TOTWUG/L	04/22/87-11/02/88	14 ##	0.375	0.364	0.5	0.2	0.02	0.142	0.2	0.238	0.5	0.5
34571	1,4-DICHLOROBENZENE TOTWUG/L	04/22/87-11/02/88	14 ##	0.375	0.354	0.5	0.15	0.024	0.156	0.15	0.225	0.5	0.5
34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	04/22/87-11/02/88	14 ##	0.375	0.343	0.5	0.1	0.03	0.172	0.1	0.213	0.5	0.5
34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	04/22/87-11/02/88	14 ##	0.375	0.354	0.5	0.15	0.024	0.156	0.15	0.225	0.5	0.5
34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	04/22/87-11/02/88	14 ##	0.375	0.354	0.5	0.15	0.024	0.156	0.15	0.225	0.5	0.5
39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	08/15/88-08/15/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	06/18/92-06/18/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	04/22/87-11/02/88	14 ##	0.375	0.354	0.5	0.15	0.024	0.156	0.15	0.225	0.5	0.5
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	04/22/87-11/02/88	14 ##	0.375	0.332	0.5	0.05	0.036	0.189	0.05	0.2	0.5	0.5
39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/15/88-08/15/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/15/88-08/15/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/15/88-08/15/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/15/88-08/15/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	08/15/88-08/15/88	1 ##	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

Parameter Inventory for Station: SARA0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/15/88-08/15/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/15/88-08/15/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/15/88-08/15/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/15/88-08/15/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	08/15/88-08/15/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	08/15/88-08/15/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	08/15/88-08/15/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	08/15/88-08/15/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	08/15/88-08/15/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	08/15/88-08/15/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	08/15/88-08/15/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/15/88-08/15/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/15/88-08/15/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/15/88-08/15/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39631	ATRAZINE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	08/15/88-08/15/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	08/15/88-08/15/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/22/87-11/02/88	16	155.	145.625	186.	0.	1689.45	41.103	93.1	141.75	161.75	176.9
71900	MERCURY, TOTAL (UG/L AS HG)	04/22/87-11/02/88	16 ##	0.05	0.059	0.2	0.05	0.001	0.038	0.05	0.05	0.05	0.095
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	10/26/87-08/15/88	2 ##	0.035	0.035	0.05	0.02	0.	0.021	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	05/10/88-11/02/88	5	9.	13.6	40.	3.	223.8	14.96	**	**	**	**
80157	BED MATERIAL FALL DIAMETER, % FINER THAN .004MM	10/26/87-08/15/88	2	1.2	1.2	2.	0.4	1.28	1.131	**	**	**	**
80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/26/87-08/15/88	2	7.	7.	7.	7.	0.	0.	**	**	**	**
80165	BED MATERIAL SIEVE DIAMETER,% FINER THAN .125MM	10/26/87-08/15/88	2	71.	71.	100.	42.	1682.	41.012	**	**	**	**
80169	BED MATERIAL SIEVE DIAMETER,% FINER THAN 2.00MM	10/26/87-10/26/87	1	100.	100.	100.	100.	0.	0.	**	**	**	**
81404	DURSBAN,BOTTOM DEPOSITS,DRY WGT,UG/KG	08/15/88-08/15/88	1	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: SARA0046

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/20-2/29 Obs	9/20-2/29 Exceed	9/20-2/29 Prop.	3/01-4/30 Obs	3/01-4/30 Exceed	3/01-4/30 Prop.	5/01-6/30 Obs	5/01-6/30 Exceed	5/01-6/30 Prop.	7/01-9/19 Obs	7/01-9/19 Exceed	7/01-9/19 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	16	0	0.00	5	0	0.00	4	0	0.00	5	0	0.00	2	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	17	0	0.00	5	0	0.00	4	0	0.00	6	0	0.00	2	0	0.00
00400	PH	Other-Hi Lim.	9.	17	0	0.00	5	0	0.00	4	0	0.00	6	0	0.00	2	0	0.00
		Other-Lo Lim.	6.5	17	0	0.00	5	0	0.00	4	0	0.00	6	0	0.00	2	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	12	0	0.00	3	0	0.00	3	0	0.00	5	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	12	0	0.00	3	0	0.00	3	0	0.00	5	0	0.00	1	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	16	0	0.00	5	0	0.00	4	0	0.00	5	0	0.00	2	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	16	0	0.00	5	0	0.00	4	0	0.00	5	0	0.00	2	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	9	0	0.00	2	0	0.00	3	0	0.00	3	0	0.00	1	0	0.00
		Drinking Water	250.	9	0	0.00	2	0	0.00	3	0	0.00	3	0	0.00	1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	9	0	0.00	2	0	0.00	3	0	0.00	3	0	0.00	1	0	0.00
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	9	0	0.00	2	0	0.00	3	0	0.00	3	0	0.00	1	0	0.00
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	5	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00			
		Drinking Water	5.	5	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	12 &	1	0.08	5	0	0.00	3	0	0.00	3	1	0.33	1	0	0.00
		Drinking Water	5.	12 &	1	0.08	5	0	0.00	3	0	0.00	3	1	0.33	1	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	5	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00			
		Drinking Water	1300.	5	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	16	1	0.06	5	0	0.00	4	0	0.00	5	0	0.00	2	1	0.50
		Drinking Water	1300.	16	0	0.00	5	0	0.00	4	0	0.00	5	0	0.00	2	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	5	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00			
		Drinking Water	15.	5	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	16	0	0.00	5	0	0.00	4	0	0.00	5	0	0.00	2	0	0.00
		Drinking Water	15.	15 &	1	0.07	5	0	0.00	3	0	0.00	5	1	0.20	2	0	0.00
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	5	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00			
		Drinking Water	100.	5	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00			
01067	NICKEL, TOTAL	Fresh Acute	1400.	16	0	0.00	5	0	0.00	4	0	0.00	5	0	0.00	2	0	0.00
		Drinking Water	100.	16	0	0.00	5	0	0.00	4	0	0.00	5	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

EPA Water Quality Criteria Analysis for Station: SARA0046

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/20-2/29 Obs	9/20-2/29 Exceed	9/20-2/29 Prop.	3/01-4/30 Obs	3/01-4/30 Exceed	3/01-4/30 Prop.	5/01-6/30 Obs	5/01-6/30 Exceed	5/01-6/30 Prop.	7/01-9/19 Obs	7/01-9/19 Exceed	7/01-9/19 Prop.
01090	ZINC, DISSOLVED	Fresh Acute	120.	5	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00			
		Drinking Water	5000.	5	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	16	0	0.00	5	0	0.00	4	0	0.00	5	0	0.00	2	0	0.00
		Drinking Water	5000.	16	0	0.00	5	0	0.00	4	0	0.00	5	0	0.00	2	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	14	8	0.57	5	4	0.80	3	1	0.33	4	2	0.50	2	1	0.50
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	14	6	0.43	5	2	0.40	3	0	0.00	4	2	0.50	2	2	1.00
32101	BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	14	0	0.00	4	0	0.00	3	0	0.00	5	0	0.00	2	0	0.00
32102	CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	14	0	0.00	4	0	0.00	3	0	0.00	5	0	0.00	2	0	0.00
		Drinking Water	5.	14	0	0.00	4	0	0.00	3	0	0.00	5	0	0.00	2	0	0.00
32104	BROMOFORM, WHOLE WATER	Drinking Water	100.	14	0	0.00	4	0	0.00	3	0	0.00	5	0	0.00	2	0	0.00
32105	DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	14	0	0.00	4	0	0.00	3	0	0.00	5	0	0.00	2	0	0.00
32106	CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	14	0	0.00	4	0	0.00	3	0	0.00	5	0	0.00	2	0	0.00
		Drinking Water	100.	14	0	0.00	4	0	0.00	3	0	0.00	5	0	0.00	2	0	0.00
34301	CHLOROBENZENE, TOTAL	Drinking Water	100.	14	0	0.00	4	0	0.00	3	0	0.00	5	0	0.00	2	0	0.00
34423	METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	14	0	0.00	4	0	0.00	3	0	0.00	5	0	0.00	2	0	0.00
34475	TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	14	0	0.00	4	0	0.00	3	0	0.00	5	0	0.00	2	0	0.00
		Drinking Water	5.	14	0	0.00	4	0	0.00	3	0	0.00	5	0	0.00	2	0	0.00
34501	1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	14	0	0.00	4	0	0.00	3	0	0.00	5	0	0.00	2	0	0.00
34506	1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	14	0	0.00	4	0	0.00	3	0	0.00	5	0	0.00	2	0	0.00
34511	1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	14	0	0.00	4	0	0.00	3	0	0.00	5	0	0.00	2	0	0.00
34531	1,2-DICHLOROETHANE, TOTAL	Fresh Acute	118000.	14	0	0.00	4	0	0.00	3	0	0.00	5	0	0.00	2	0	0.00
		Drinking Water	5.	14	0	0.00	4	0	0.00	3	0	0.00	5	0	0.00	2	0	0.00
34536	1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	14	0	0.00	4	0	0.00	3	0	0.00	5	0	0.00	2	0	0.00
34541	1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	14	0	0.00	4	0	0.00	3	0	0.00	5	0	0.00	2	0	0.00
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	14	0	0.00	4	0	0.00	3	0	0.00	5	0	0.00	2	0	0.00
34566	1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	14	0	0.00	4	0	0.00	3	0	0.00	5	0	0.00	2	0	0.00
34571	1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	14	0	0.00	4	0	0.00	3	0	0.00	5	0	0.00	2	0	0.00
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	14	0	0.00	4	0	0.00	3	0	0.00	5	0	0.00	2	0	0.00
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	14	0	0.00	4	0	0.00	3	0	0.00	5	0	0.00	2	0	0.00
		Drinking Water	5.	14	0	0.00	4	0	0.00	3	0	0.00	5	0	0.00	2	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	16	0	0.00	5	0	0.00	4	0	0.00	5	0	0.00	2	0	0.00
		Drinking Water	2.	16	0	0.00	5	0	0.00	4	0	0.00	5	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: SARA0047

NPS Station ID: SARA0047
LAT/LON: 43.095003/ -73.613060
Agency: 21NYDECA
Date Created: 02/18/89
Location: FISH CR. IN SARATOGA @ BRGYNE.RD.(BRYANTS)BR.
FIPS State/County: 36091 NEW YORK/SARATOGA
Station Type: /TYPA/AMBNT/STREAM/NET
STORET Station ID(s): 11011204 /GS01330907
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02020003
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id: NY00000 FISH CR. IN SARA
Minor Basin: UPP.HUDSON R.
ECO Region:
RF1 Index: 02020003
RF1 Mile Point: 0.000
Distance from RF1: 1.30
On/Off RF1:
RF3 Index: 02020003003111.17
RF3 Mile Point: 11.17
Distance from RF3: 0.05
On/Off RF3:
Description:

Parameter Inventory for Station: SARA0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/22/87-11/02/88	16	16.25	14.569	28.5	2.	62.789	7.924	3.05	7.75	20.75	25.
00025	BAROMETRIC PRESSURE (MM OF HG)	03/28/88-10/04/88	6	764.	762.333	769.	755.	28.267	5.317	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/24/87-11/02/88	10	269.5	234.3	289.	90.	5946.233	77.112	90.	201.75	276.25	288.1
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/22/87-11/02/88	16	264.5	265.688	292.	250.	99.963	9.998	252.1	259.5	270.	281.5
00300	OXYGEN, DISSOLVED MG/L	04/22/87-11/02/88	16	9.75	11.044	21.9	6.9	15.447	3.93	7.39	8.225	12.325	18.82
00400	PH (STANDARD UNITS)	04/22/87-11/02/88	16	7.7	7.553	8.1	6.7	0.165	0.406	6.98	7.15	7.837	8.1
00400	CONVERTED PH (STANDARD UNITS)	04/22/87-11/02/88	16	7.7	7.36	8.1	6.7	0.204	0.452	6.98	7.15	7.837	8.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/22/87-11/02/88	16	0.02	0.044	0.2	0.008	0.002	0.049	0.008	0.015	0.072	0.115
00500	RESIDUE, TOTAL (MG/L)	04/22/87-11/02/88	16	178.	180.875	223.	160.	265.717	16.301	162.1	171.	184.5	216.
00505	RESIDUE, TOTAL VOLATILE (MG/L)	04/22/87-11/02/88	16	60.5	59.875	87.	38.	178.783	13.371	38.	49.5	69.5	77.9
00510	RESIDUE, TOTAL FIXED (MG/L)	04/22/87-11/02/88	16	116.5	121.	169.	96.	442.133	21.027	98.1	104.25	135.5	160.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/10/88-11/02/88	5	9.	13.6	40.	3.	223.8	14.96	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/22/87-11/02/88	16	0.033	0.038	0.073	0.007	0.	0.019	0.013	0.023	0.052	0.071
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/22/87-11/02/88	6	0.006	0.006	0.007	0.005	0.	0.001	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/22/87-11/02/88	16	0.305	0.283	0.48	0.13	0.009	0.094	0.151	0.19	0.33	0.417
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/22/87-11/02/88	15	0.18	0.195	0.36	0.07	0.012	0.107	0.07	0.08	0.31	0.354
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/22/87-11/02/88	11	0.002	0.004	0.021	0.001	0.	0.006	0.001	0.001	0.002	0.018
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/22/87-11/02/88	16	105.	101.438	120.	39.	320.929	17.914	78.2	100.	110.	113.
00916	CALCIUM, TOTAL (MG/L AS CA)	04/22/87-11/02/88	16	29.5	28.625	33.	12.	22.65	4.759	21.8	28.	31.	31.6
00927	MAGNESIUM, TOTAL (MG/L AS MG)	04/22/87-11/02/88	16	7.4	7.163	8.4	2.1	2.097	1.448	5.46	7.	8.075	8.33
00929	SODIUM, TOTAL (MG/L AS NA)	03/28/88-11/02/88	9	13.	13.556	15.	13.	0.528	0.726	13.	13.	14.	15.
00931	SODIUM ADSORPTION RATIO	03/28/88-11/02/88	9	0.6	0.6	0.6	0.6	0.	0.	0.6	0.6	0.6	0.6
00932	SODIUM, PERCENT	03/28/88-11/02/88	9	22.	21.778	24.	20.	1.444	1.202	20.	21.	22.5	24.
00937	POTASSIUM, TOTAL MG/L AS K)	03/28/88-11/02/88	9	1.2	1.344	2.5	1.	0.21	0.459	1.	1.1	1.4	2.5
00940	CHLORIDE,TOTAL IN WATER MG/L	03/28/88-11/02/88	9	20.	20.667	22.	20.	0.75	0.866	20.	20.	21.5	22.
00945	SULFATE, TOTAL (MG/L AS SO4)	03/28/88-11/02/88	9	16.	16.111	19.	14.	2.611	1.616	14.	15.	17.5	19.
00951	FLUORIDE, TOTAL (MG/L AS F)	03/28/88-11/02/88	9	0.1	0.167	0.3	0.1	0.008	0.087	0.1	0.1	0.25	0.3
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	04/22/87-11/02/88	16	305.	411.875	1100.	90.	91536.25	302.55	125.	217.5	512.5	1100.
01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/26/87-11/02/88	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	10/26/87-11/02/88	5	1.	1.6	3.	1.	0.8	0.894	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	03/28/88-11/02/88	4	38.	39.5	61.	21.	365.667	19.122	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/28/88-11/02/88	4	29.	29.75	50.	11.	278.25	16.681	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	10/26/87-11/02/88	4	1.	1.5	3.	1.	1.	1.	**	**	**	**
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	04/22/87-11/02/88	13	5.	8.154	50.	2.	165.474	12.864	2.	2.	8.	34.
01090	ZINC, DISSOLVED (UG/L AS ZN)	10/26/87-11/02/88	2	7.	7.	9.	5.	8.	2.828	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	04/22/87-11/02/88	5	20.	16.	20.	10.	30.	5.477	**	**	**	**
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	03/28/88-11/02/88	9	160.	284.444	970.	60.	82927.778	287.972	60.	100.	405.	970.
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	03/28/88-11/02/88	1	20.	20.	20.	20.	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: SARA0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	04/22/87-11/02/88	9	5.	3.222	5.	1.	4.444	2.108	1.	1.	5.	5.
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	04/22/87-11/02/88	3	20.	25.667	50.	7.	486.333	22.053	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	04/22/87-11/02/88	16	5.	6.313	20.	2.	22.496	4.743	2.7	3.25	5.75	15.8
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	04/22/87-11/02/88	16	50.	53.125	90.	20.	329.583	18.154	27.	42.5	60.	83.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/12/87-11/02/88	14	1150.	3273.571	19000.	200.	29424701.648	5424.454	200.	675.	2550.	15500.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/12/87-11/02/88	14	3.06	3.124	4.279	2.301	0.34	0.583	2.301	2.797	3.404	4.179
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1331.843								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	05/12/87-11/02/88	14	130.	406.429	4000.	20.	1082024.725	1040.204	20.	27.5	245.	2180.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	05/12/87-11/02/88	14	2.079	2.021	3.602	1.301	0.423	0.65	1.301	1.433	2.389	3.079
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			105.029								
34423	METHYLENE CHLORIDE TOTWUG/L	04/22/87-11/02/88	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/22/87-11/02/88	16	155.	154.25	186.	133.	200.2	14.149	134.4	141.75	161.75	176.9
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	04/22/87-11/02/88	16	0.03	0.034	0.12	0.02	0.001	0.024	0.02	0.02	0.03	0.071
71900	MERCURY, TOTAL (UG/L AS HG)	04/22/87-11/02/88	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
74069	FLOW, ESTIMATED STREAM CFS	04/22/87-11/02/88	9	226.	327.778	720.	62.	66113.694	257.126	62.	77.5	590.	720.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	04/22/87-11/02/88	16	2.95	4.319	26.	1.2	34.967	5.913	1.2	2.	3.875	11.79

** - Less 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: SARA0047

				Total	Exceed	Prop.	----------9/20-2/29----------			----------3/01-4/30----------			----------5/01-6/30----------			----------7/01-9/19----------		
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.	16	0	0.00	5	0	0.00	4	0	0.00	5	0	0.00	2	0	0.00
00400	PH	Other-Hi Lim.	9.	16	0	0.00	5	0	0.00	4	0	0.00	5	0	0.00	2	0	0.00
		Other-Lo Lim.	6.5	16	0	0.00	5	0	0.00	4	0	0.00	5	0	0.00	2	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	6	0	0.00	1	0	0.00	3	0	0.00	2	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	15	0	0.00	5	0	0.00	4	0	0.00	5	0	0.00	1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	9	0	0.00	2	0	0.00	3	0	0.00	3	0	0.00	1	0	0.00
		Drinking Water	250.	9	0	0.00	2	0	0.00	3	0	0.00	3	0	0.00	1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	9	0	0.00	2	0	0.00	3	0	0.00	3	0	0.00	1	0	0.00
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	9	0	0.00	2	0	0.00	3	0	0.00	3	0	0.00	1	0	0.00
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	5	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00			
		Drinking Water	1300.	5	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	4	0	0.00	2	0	0.00	2	0	0.00						
		Drinking Water	100.	4	0	0.00	2	0	0.00	2	0	0.00						
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Fresh Acute	1400.	13	0	0.00	4	0	0.00	4	0	0.00	3	0	0.00	2	0	0.00
		Drinking Water	100.	13	0	0.00	4	0	0.00	4	0	0.00	3	0	0.00	2	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	5000.	2	0	0.00	1	0	0.00				1	0	0.00			
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Fresh Acute	120.	5	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00			
		Drinking Water	5000.	5	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00			
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Fresh Acute	3.9	5 &	1	0.20	1	0	0.00	2	0	0.00	2	1	0.50			
		Drinking Water	5.	5 &	1	0.20	1	0	0.00	2	0	0.00	2	1	0.50			
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Fresh Acute	82.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	15.	2 &	1	0.50	1	0	0.00				1	1	1.00			
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Fresh Acute	18.	16	1	0.06	5	0	0.00	4	0	0.00	5	0	0.00	2	1	0.50
		Drinking Water	1300.	16	0	0.00	5	0	0.00	4	0	0.00	5	0	0.00	2	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	14	8	0.57	5	4	0.80	3	1	0.33	4	2	0.50	2	1	0.50
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	14	6	0.43	5	2	0.40	3	0	0.00	4	2	0.50	2	2	1.00
34423	METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	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
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	16	0	0.00	5	0	0.00	4	0	0.00	5	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: SARA0048

NPS Station ID: SARA0048
LAT/LON: 43.095003/ -73.613060
Agency: 21NYDEC1
Date Created: 08/15/87
Location: FISH CREEK IN SARATOGA AT BURGOYNE ROAD
FIPS State/County: 36091 NEW YORK/SARATOGA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 11011011
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02020003
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: UPPER HUDSON RIVER
ECO Region:
RF1 Index: 02020003
RF1 Mile Point: 0.000
Distance from RF1: 0.40
On/Off RF1:
RF3 Index: 02020003005909.40
RF3 Mile Point: 9.40
Distance from RF3: 0.04
On/Off RF3:
Description:

Parameter Inventory for Station: SARA0048

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: SARA0049

NPS Station ID: SARA0049
LAT/LON: 43.008170/ -73.621031
Agency: 11NPSWRD
Date Created: 03/23/96
Location: UPPER KROMA KILL AT CULVERT
FIPS State/County: 36091 NEW YORK/SARATOGA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): SARA_05
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02020003
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 150
Water Body Id:
Minor Basin: MIDDLE HUDSON RIVER
ECO Region:
RF1 Index: 02020003
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02020003002200.00
RF3 Mile Point: 3.62
Distance from RF3: 0.03
On/Off RF3:
Description:
SITE IS LOCATED ON KROMA KILL JUST DOWNSTREAM OF THE CONFLUENCE OF KROMA KILL AND A TRIBUTARY TO KROMA KILL. KROMA KILL IS A FIRST ORDER STREAM THAT DRAINS THE NORTH EASTERN PORTION OF THE PARK AND IS THE MAIN CONTRIBUTOR TO THE GREAT RAVINE AREA WHICH HAS HISTORICAL SIGNIFICANCE. THIS STREAM EMPTIES INTO THE CHAMPLAIN CANAL AND EVENTUALLY INTO THE HUDSON RIVER.
SITE IS LOCATED ON THE SCHUYLERVILLE NY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. STATION IS THE RESPONSIBILITY OF SARATOGA NATIONAL HISTORICAL PARK 648 ROUTE 32 STILLWATER NEW YORK 12170. PH.(518)664-9821. FOR MORE INFORMATION CONTACT CHRIS MARTIN - RESOURCE MANAGEMENT AT SARATOGA NATIONAL HISTORICAL PARK. DATA PROCESSED AND UPLOADED TO STORET BY RANDY SIDDENS AT NPS WRD IN FORT COLLINS COLORADO. PHONE (970) 225-3556 FAX (970) 225-9965.

Parameter Inventory for Station: SARA0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/07/87-08/17/90	32	20.	19.266	25.	14.	10.928	3.306	14.3	16.25	21.	24.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/07/87-08/17/90	32	21.05	21.378	28.	15.	12.821	3.581	16.3	18.375	23.825	26.49
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/07/87-08/17/90	32	265.	302.25	870.	185.	20412.323	142.872	203.	231.25	288.75	470.1
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/07/87-07/25/89	21	9.1	9.152	10.4	8.	0.429	0.655	8.22	8.7	9.7	10.04
00403	PH, LAB, STANDARD UNITS SU	05/07/87-07/30/90	29	8.2	8.245	8.6	7.7	0.068	0.26	7.9	8.05	8.5	8.6
00403	CONVERTED PH, LAB, STANDARD UNITS	05/07/87-07/30/90	29	8.2	8.169	8.6	7.7	0.074	0.271	7.9	8.05	8.5	8.6
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/07/87-07/30/90	29	0.006	0.007	0.02	0.003	0.	0.004	0.003	0.003	0.009	0.013
00480	SALINITY - PARTS PER THOUSAND	05/07/87-08/17/90	33	0.	0.03	1.	0.	0.03	0.174	0.	0.	0.	0.
01051	LEAD, TOTAL (UG/L AS PB)	07/23/87-07/23/87	1	50.	50.	50.	50.	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/07/87-09/23/87	9	200.	251.333	800.	32.	59151.	243.21	32.	70.	345.	800.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/07/87-09/23/87	9	2.301	2.219	2.903	1.505	0.195	0.442	1.505	1.827	2.507	2.903
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			165.734								

** - 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 time series plot

EPA Water Quality Criteria Analysis for Station: SARA0049

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/20-2/29 Obs	9/20-2/29 Exceed	9/20-2/29 Prop.	3/01-4/30 Obs	3/01-4/30 Exceed	3/01-4/30 Prop.	5/01-6/30 Obs	5/01-6/30 Exceed	5/01-6/30 Prop.	7/01-9/19 Obs	7/01-9/19 Exceed	7/01-9/19 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	21	0	0.00	1	0	0.00				5	0	0.00	15	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	29	0	0.00	1	0	0.00				10	0	0.00	18	0	0.00
		Other-Lo Lim.	6.5	29	0	0.00	1	0	0.00				10	0	0.00	18	0	0.00
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	15.	1	1	1.00										1	1	1.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	9	5	0.56	1	1	1.00				4	1	0.25	4	3	0.75

& - 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: SARA0050

NPS Station ID: SARA0050 | LAT/LON: 43.008642/ -73.623115 | Agency: 11NPSWRD | Date Created: 03/23/96
Location: TRIBUTARY TO UPPER KROMA KILL | FIPS State/County: 36091 NEW YORK/SARATOGA
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): SARA_06
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 02020003 | Depth of Water: 0 | Aquifer:
Major Basin: NORTHEAST | Elevation: 170 | Water Body Id:
Minor Basin: MIDDLE HUDSON RIVER | ECO Region:
RF1 Index: 02020003 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 02020003002200.00 | RF3 Mile Point: 3.62 | Distance from RF3: 0.03 | On/Off RF3:
Description:
SITE IS LOCATED JUST UPSTREAM OF THE CONFLUENCE OF KROMA KILL AND A TRIBUTARY TO KROMA KILL. THE SITE IS ON THE TRIBUTARY. KROMA KILL IS A FIRST ORDER STREAM THAT DRAINS THE NORTH EASTERN PORTION OF THE PARK AND IS THE MAIN CONTRIBUTOR TO THE GREAT RAVINE AREA WHICH HAS HISTORICAL SIGNIFICANCE. THIS STREAM EMPTIES INTO THE CHAMPLAIN CANAL AND EVENTUALLY INTO THE HUDSON RIVER.
SITE IS LOCATED ON THE SCHUYLERVILLE NY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. STATION IS THE RESPONSIBILITY OF SARATOGA NATIONAL HISTORICAL PARK 648 ROUTE 32 STILLWATER NEW YORK 12170. PH.(518)664-9821. FOR MORE INFORMATION CONTACT CHRIS MARTIN - RESOURCE MANAGEMENT AT SARATOGA NATIONAL HISTORICAL PARK. DATA PROCESSED AND UPLOADED TO STORET BY RANDY SIDDENS AT NPS WRD IN FORT COLLINS COLORADO. PHONE (970) 225-3556 FAX (970) 225-9965.

Parameter Inventory for Station: SARA0050

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/13/87-08/17/90	30	19.	18.94	30.	13.5	14.467	3.804	15.	15.375	21.	23.95
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/13/87-08/17/90	30	21.05	21.67	32.	15.	19.408	4.405	15.55	18.7	25.	27.45
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/13/87-08/17/90	30	305.	319.5	720.	155.	13641.983	116.799	193.	246.25	365.	418.5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/02/87-07/25/89	19	8.9	9.084	10.9	7.8	0.635	0.797	8.1	8.4	9.8	10.
00403	PH, LAB, STANDARD UNITS SU	07/02/87-07/30/90	26	8.25	8.2	8.7	7.7	0.082	0.286	7.8	7.9	8.5	8.53
00403	CONVERTED PH, LAB, STANDARD UNITS	07/02/87-07/30/90	26	8.247	8.112	8.7	7.7	0.09	0.299	7.8	7.9	8.5	8.53
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/02/87-07/30/90	26	0.006	0.008	0.02	0.002	0.	0.005	0.003	0.003	0.013	0.016
00480	SALINITY - PARTS PER THOUSAND	05/13/87-08/17/90	30	0.	0.	0.	0.	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: SARA0050

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/20-2/29 Obs	9/20-2/29 Exceed	9/20-2/29 Prop.	3/01-4/30 Obs	3/01-4/30 Exceed	3/01-4/30 Prop.	5/01-6/30 Obs	5/01-6/30 Exceed	5/01-6/30 Prop.	7/01-9/19 Obs	7/01-9/19 Exceed	7/01-9/19 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	19	0	0.00	1	0	0.00				3	0	0.00	15	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	26	0	0.00	1	0	0.00				7	0	0.00	18	0	0.00
		Other-Lo Lim.	6.5	26	0	0.00	1	0	0.00				7	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: SARA0051

NPS Station ID: SARA0051
LAT/LON: 42.979226/ -73.625392
Agency: 11NPSWRD
Date Created: 03/23/96
Location: VYLE POND-RIVER BACKWATER AREA
FIPS State/County: 36091 NEW YORK/SARATOGA
Station Type: /TYPA/AMBNT/FWTLND
STORET Station ID(s): SARA_15
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02020003
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 90
Water Body Id:
Minor Basin: MIDDLE HUDSON RIVER
ECO Region:
RF1 Index: 02020003
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02020003002200.00
RF3 Mile Point: 3.62
Distance from RF3: 0.03
On/Off RF3:
Description:
SITE IS LOCATED JUST OFF OF ROUTE 4 IN AN AREA OF BACKWATER CREATED BY THE HUDSON RIVER. IT IS NORTHEAST OF WHERE AMERICAN'S CREEK INTERSECTS THE OLD CHAMPLAIN CANAL. SITE IS LOCATED ON THE MECHANICVILLE NY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. STATION IS THE RESPONSIBILITY OF SARATOGA NATIONAL HISTORICAL PARK 648 ROUTE 32 STILLWATER NEW YORK 12170. PH.(518)664-9821. FOR MORE INFORMATION CONTACT CHRIS MARTIN - RESOURCE MANAGEMENT AT SARATOGA NATIONAL HISTORICAL PARK. DATA PROCESSED AND UPLOADED TO STORET BY RANDY SIDDENS AT NPS WRD IN FORT COLLINS COLORADO. PHONE (970) 225-3556 FAX (970) 225-9965.

Parameter Inventory for Station: SARA0051

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39519 PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/30/87-04/30/87	1 ##	50.	50.	50.	50.	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: SARA0052

NPS Station ID: SARA0052 | LAT/LON: 42.989892/ -73.625699 | Agency: 11NPSWRD | Date Created: 03/23/96
Location: LOWER MILL CREEK | FIPS State/County: 36091 NEW YORK/SARATOGA
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): SARA_11
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 02020003 | Depth of Water: 0 | Aquifer:
Major Basin: NORTHEAST | Elevation: 130 | Water Body Id:
Minor Basin: MIDDLE HUDSON RIVER | ECO Region:
RF1 Index: 02020003 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 02020003002200.00 | RF3 Mile Point: 3.62 | Distance from RF3: 0.03 | On/Off RF3:
Description:
SITE IS LOCATED ON MILL CREEK JUST UPSTREAM OF THE CONFLUENCE OF MILL CREEK AND ROBBIE'S DITCH. MOST OF THE WATERSHED FOR THIS FIRST AND SECOND ORDER STREAM IS WITHIN PARK BOUNDARIES EXCEPT FOR THE SECTION WHICH PASSES THROUGH THE MAJOR PARK INHOLDING WHERE AGRICULTURAL AND/OR DAIRY FARMING IS PRACTICED. THE STREAM EVENTUALLY EMPTIES INTO THE HUDSON RIVER.
SITE IS LOCATED ON THE MECHANICVILLE NY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. STATION IS THE RESPONSIBILITY OF SARATOGA NATIONAL HISTORICAL PARK 648 ROUTE 32 STILLWATER NEW YORK 12170. PH.(518)664-9821. FOR MORE INFORMATION CONTACT CHRIS MARTIN - RESOURCE MANAGEMENT AT SARATOGA NATIONAL HISTORICAL PARK. DATA PROCESSED AND UPLOADED TO STORET BY RANDY SIDDENS AT NPS WRD IN FORT COLLINS COLORADO. PHONE (970) 225-3556 FAX (970) 225-9965.

Parameter Inventory for Station: SARA0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/27/87-08/09/90	26	17.75	17.892	29.	10.	14.606	3.822	13.5	15.55	20.	22.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/27/87-08/09/90	26	19.4	19.846	30.	10.	24.039	4.903	12.8	17.525	23.25	25.78
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/27/87-08/09/90	26	222.5	247.115	750.	145.	12284.346	110.835	177.	207.5	246.25	329.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/21/87-07/12/89	18	8.45	8.706	10.	7.8	0.51	0.714	7.89	8.075	9.425	9.73
00403	PH, LAB, STANDARD UNITS SU	05/27/87-08/09/90	25	8.1	8.044	8.4	7.6	0.055	0.235	7.66	7.85	8.25	8.3
00403	CONVERTED PH, LAB, STANDARD UNITS	05/27/87-08/09/90	25	8.1	7.979	8.4	7.6	0.059	0.244	7.66	7.85	8.25	8.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/27/87-08/09/90	25	0.008	0.01	0.025	0.004	0.	0.006	0.005	0.006	0.014	0.022
00480	SALINITY - PARTS PER THOUSAND	05/27/87-08/09/90	26	0.	0.	0.	0.	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: SARA0052

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/20-2/29 Obs	9/20-2/29 Exceed	9/20-2/29 Prop.	3/01-4/30 Obs	3/01-4/30 Exceed	3/01-4/30 Prop.	5/01-6/30 Obs	5/01-6/30 Exceed	5/01-6/30 Prop.	7/01-9/19 Obs	7/01-9/19 Exceed	7/01-9/19 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	18	0	0.00	1	0	0.00				5	0	0.00	12	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	25	0	0.00	1	0	0.00				9	0	0.00	15	0	0.00
		Other-Lo Lim.	6.5	25	0	0.00	1	0	0.00				9	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

Station Inventory for Station: SARA0053

NPS Station ID: SARA0053 | LAT/LON: 42.989170/ -73.625976 | Agency: 11NPSWRD | Date Created: 03/23/96
Location: LOWER MILL CREEK/ROBBIE'S DITCH | FIPS State/County: 36091 NEW YORK/SARATOGA
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): SARA_01
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 02020003 | Depth of Water: 0 | Aquifer:
Major Basin: NORTHEAST | Elevation: 125 | Water Body Id:
Minor Basin: MIDDLE HUDSON RIVER | ECO Region:
RF1 Index: 02020003 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 02020003002200.00 | RF3 Mile Point: 3.62 | Distance from RF3: 0.03 | On/Off RF3:
Description:
SITE IS LOCATED ON MILL CREEK JUST DOWNSTREAM OF THE CONFLUENCE OF ROBBIE'S DITCH AND MILL CREEK. MOST OF THE WATERSHED FOR THIS FIRST AND SECOND ORDER STREAM IS WITHIN PARK BOUNDARIES EXCEPT FOR THE SECTION WHICH PASSES THROUGH THE MAJOR PARK INHOLDING WHERE AGRICULTURAL AND/OR DAIRY FARMING IS PRACTICED. THE STREAM EVENTUALLY EMPTIES INTO THE HUDSON RIVER.
SITE IS LOCATED ON THE MECHANICVILLE NY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. STATION IS THE RESPONSIBILITY OF SARATOGA NATIONAL HISTORICAL PARK 648 ROUTE 32 STILLWATER NEW YORK 12170. PH.(518)664-9821. FOR MORE INFORMATION CONTACT CHRIS MARTIN - RESOURCE MANAGEMENT AT SARATOGA NATIONAL HISTORICAL PARK. DATA PROCESSED AND UPLOADED TO STORET BY RANDY SIDDENS AT NPS WRD IN FORT COLLINS COLORADO. PHONE (970) 225-3556 FAX (970) 225-9965.

Parameter Inventory for Station: SARA0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/13/87-08/09/90	25	18.	17.712	22.	10.	9.007	3.001	13.8	15.75	19.5	22.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/13/87-08/09/90	25	21.1	20.34	30.	11.	13.033	3.61	16.22	17.9	22.2	24.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/13/87-08/09/90	25	235.	276.6	700.	160.	15166.083	123.151	196.	220.	287.5	480.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/10/87-07/12/89	16	8.6	8.719	10.1	7.4	0.596	0.772	7.61	8.125	9.4	9.68
00403	PH, LAB, STANDARD UNITS SU	05/27/87-08/09/90	23	8.2	8.126	8.5	7.7	0.042	0.205	7.84	8.	8.3	8.36
00403	CONVERTED PH, LAB, STANDARD UNITS	05/27/87-08/09/90	23	8.2	8.079	8.5	7.7	0.044	0.211	7.84	8.	8.3	8.36
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/27/87-08/09/90	23	0.006	0.008	0.02	0.003	0.	0.004	0.004	0.005	0.01	0.015
00480	SALINITY - PARTS PER THOUSAND	05/13/87-08/09/90	31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/23/87-07/23/87	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/13/87-09/23/87	9	220.	349.778	800.	10.	110140.444	331.874	10.	64.	765.	800.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/13/87-09/23/87	9	2.342	2.224	2.903	1.	0.483	0.695	1.	1.648	2.884	2.903
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			167.319								
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	07/23/87-07/23/87	1 ##	0.025	0.025	0.025	0.025	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: SARA0053

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/20-2/29 Obs	9/20-2/29 Exceed	9/20-2/29 Prop.	3/01-4/30 Obs	3/01-4/30 Exceed	3/01-4/30 Prop.	5/01-6/30 Obs	5/01-6/30 Exceed	5/01-6/30 Prop.	7/01-9/19 Obs	7/01-9/19 Exceed	7/01-9/19 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	16	0	0.00							6	0	0.00	10	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	23	0	0.00							10	0	0.00	13	0	0.00
		Other-Lo Lim.	6.5	23	0	0.00							10	0	0.00	13	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00										1	0	0.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	9	5	0.56	1	0	0.00				3	1	0.33	5	4	0.80

& - 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: SARA0054

NPS Station ID: SARA0054 | LAT/LON: 42.989920/ -73.626281 | Agency: 11NPSWRD | Date Created: 03/23/96
Location: ROBBIE'S DITCH | FIPS State/County: 36091 NEW YORK/SARATOGA
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): SARA_12
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 02020003 | Depth of Water: 0 | Aquifer:
Major Basin: NORTHEAST | Elevation: 130 | Water Body Id:
Minor Basin: MIDDLE HUDSON RIVER | ECO Region:
RF1 Index: 02020003 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 02020003002200.00 | RF3 Mile Point: 3.62 | Distance from RF3: 0.03 | On/Off RF3:
Description:
SITE IS LOCATED ON ROBBIE'S DITCH JUST UPSTREAM OF THE CONFLUENCE OF ROBBIE'S DITCH AND MILL CREEK.
SITE IS LOCATED ON THE MECHANICVILLE NY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. STATION IS THE RESPONSIBILITY OF SARATOGA NATIONAL HISTORICAL PARK 648 ROUTE 32 STILLWATER NEW YORK 12170. PH.(518)664-9821. FOR MORE INFORMATION CONTACT CHRIS MARTIN - RESOURCE MANAGEMENT AT SARATOGA NATIONAL HISTORICAL PARK. DATA PROCESSED AND UPLOADED TO STORET BY RANDY SIDDENS AT NPS WRD IN FORT COLLINS COLORADO. PHONE (970) 225-3556 FAX (970) 225-9965.

Parameter Inventory for Station: SARA0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/13/87-08/09/90	30	17.75	17.483	23.	11.	10.215	3.196	13.05	14.375	19.25	22.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/13/87-08/09/90	30	20.	19.81	29.	11.	12.846	3.584	14.1	18.	22.05	23.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/13/87-08/09/90	30	322.5	335.167	600.	140.	12721.523	112.79	193.5	238.75	410.	475.5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/02/87-07/12/89	20	8.35	7.615	10.2	1.8	5.773	2.403	2.12	7.725	9.	9.74
00403	PH, LAB, STANDARD UNITS SU	05/27/87-08/09/90	27	8.1	8.044	8.4	7.4	0.069	0.264	7.64	7.9	8.3	8.32
00403	CONVERTED PH, LAB, STANDARD UNITS	05/27/87-08/09/90	27	8.1	7.953	8.4	7.4	0.078	0.28	7.64	7.9	8.3	8.32
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/27/87-08/09/90	27	0.008	0.011	0.04	0.004	0.	0.009	0.005	0.005	0.013	0.024
00480	SALINITY - PARTS PER THOUSAND	05/13/87-08/09/90	30	0.	0.	0.	0.	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: SARA0054

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/20-2/29 Obs	9/20-2/29 Exceed	9/20-2/29 Prop.	3/01-4/30 Obs	3/01-4/30 Exceed	3/01-4/30 Prop.	5/01-6/30 Obs	5/01-6/30 Exceed	5/01-6/30 Prop.	7/01-9/19 Obs	7/01-9/19 Exceed	7/01-9/19 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	20	3	0.15	1	0	0.00				5	0	0.00	14	3	0.21
00403	PH, LAB	Other-Hi Lim.	9.	27	0	0.00	1	0	0.00				9	0	0.00	17	0	0.00
		Other-Lo Lim.	6.5	27	0	0.00	1	0	0.00				9	0	0.00	17	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: SARA0055

NPS Station ID: SARA0055 | LAT/LON: 42.997615/ -73.628087 | Agency: 11NPSWRD | Date Created: 03/23/96
Location: MILL CREEK BEHIND STOP 8 | FIPS State/County: 36091 NEW YORK/SARATOGA
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): SARA_02
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 02020003 | Depth of Water: 0 | Aquifer:
Major Basin: NORTHEAST | Elevation: 160 | Water Body Id:
Minor Basin: MIDDLE HUDSON RIVER | ECO Region:
RF1 Index: 02020003 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 02020003002200.00 | RF3 Mile Point: 3.62 | Distance from RF3: 0.03 | On/Off RF3:
Description:
SITE IS LOCATED ON MILL CREEK JUST BEFORE IT LEAVES THE PARK BOUNDARY. MOST OF THE WATERSHED FOR THIS FIRST AND SECOND ORDER STREAM IS WITHIN PARK BOUNDARIES EXCEPT FOR THE SECTION WHICH PASSES THROUGH THE MAJOR PARK INHOLDING WHERE AGRICULTURAL AND/OR DAIRY FARMING IS PRACTICED. THE STREAM EVENTUALLY EMPTIES INTO THE HUDSON RIVER. SITE IS LOCATED ON THE MECHANICVILLE NY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. STATION IS THE RESPONSIBILITY OF SARATOGA NATIONAL HISTORICAL PARK 648 ROUTE 32 STILLWATER NEW YORK 12170. PH.(518)664-9821. FOR MORE INFORMATION CONTACT CHRIS MARTIN - RESOURCE MANAGEMENT AT SARATOGA NATIONAL HISTORICAL PARK. DATA PROCESSED AND UPLOADED TO STORET BY RANDY SIDDENS AT NPS WRD IN FORT COLLINS COLORADO. PHONE (970) 225-3556 FAX (970) 225-9965.

Parameter Inventory for Station: SARA0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/13/87-08/09/90	29	20.	19.172	25.	14.	9.594	3.097	14.	17.	21.5	24.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/13/87-08/09/90	29	21.	20.828	27.	14.	12.783	3.575	15.	18.45	23.95	25.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/13/87-08/09/90	29	300.	519.828	5500.	208.	947076.148	973.178	210.	250.	380.	750.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/10/87-07/12/89	20	8.15	7.91	10.2	4.4	2.397	1.548	5.03	7.125	9.1	9.86
00403	PH, LAB, STANDARD UNITS SU	05/27/87-08/09/90	28	8.05	8.	8.5	7.6	0.053	0.231	7.69	7.8	8.175	8.31
00403	CONVERTED PH, LAB, STANDARD UNITS	05/27/87-08/09/90	28	8.047	7.943	8.5	7.6	0.057	0.238	7.69	7.8	8.175	8.31
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/27/87-08/09/90	28	0.009	0.011	0.025	0.003	0.	0.006	0.005	0.007	0.016	0.02
00480	SALINITY - PARTS PER THOUSAND	05/13/87-08/09/90	29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/13/87-09/23/87	9	190.	252.778	750.	25.	54556.944	233.574	25.	65.	380.	750.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/13/87-09/23/87	9	2.279	2.203	2.875	1.398	0.236	0.486	1.398	1.778	2.57	2.875
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			159.477								

** - 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 time series plot

EPA Water Quality Criteria Analysis for Station: SARA0055

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/20-2/29 Obs	9/20-2/29 Exceed	9/20-2/29 Prop.	3/01-4/30 Obs	3/01-4/30 Exceed	3/01-4/30 Prop.	5/01-6/30 Obs	5/01-6/30 Exceed	5/01-6/30 Prop.	7/01-9/19 Obs	7/01-9/19 Exceed	7/01-9/19 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	20	0	0.00	1	0	0.00				5	0	0.00	14	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	28	0	0.00	1	0	0.00				10	0	0.00	17	0	0.00
		Other-Lo Lim.	6.5	28	0	0.00	1	0	0.00				10	0	0.00	17	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: SARA0055

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/20-2/29 Obs	9/20-2/29 Exceed	9/20-2/29 Prop.	3/01-4/30 Obs	3/01-4/30 Exceed	3/01-4/30 Prop.	5/01-6/30 Obs	5/01-6/30 Exceed	5/01-6/30 Prop.	7/01-9/19 Obs	7/01-9/19 Exceed	7/01-9/19 Prop.
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	9	4	0.44	1	0	0.00				3	0	0.00	5	4	0.80

& - 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: SARA0056

NPS Station ID: SARA0056 | LAT/LON: 42.975615/ -73.629781 | Agency: 11NPSWRD | Date Created: 03/23/96
Location: AMERICAN'S CREEK-ROUTE 4 CULVERT | FIPS State/County: 36091 NEW YORK/SARATOGA
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): SARA_16
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 02020003 | Depth of Water: 0 | Aquifer:
Major Basin: NORTHEAST | Elevation: 90 | Water Body Id:
Minor Basin: MIDDLE HUDSON RIVER | ECO Region:
RF1 Index: 02020003 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 02020003002200.00 | RF3 Mile Point: 3.62 | Distance from RF3: 0.03 | On/Off RF3:
Description:
SITE IS LOCATED ON AMERICAN'S CREEK WHERE IT CROSSES ROUTE 4. AMERICAN'S CREEK IS A SMALL FIRST ORDER STREAM WHICH DRAINS THE SOUTHERN PORTION OF THE PARK ALONG ROUTE 4. THIS WATERWAY EMPTIES INTO THE HUDSON RIVER.
SITE IS LOCATED ON THE MECHANICVILLE NY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. STATION IS THE RESPONSIBILITY OF SARATOGA NATIONAL HISTORICAL PARK 648 ROUTE 32 STILLWATER NEW YORK 12170. PH.(518)664-9821. FOR MORE INFORMATION CONTACT CHRIS MARTIN - RESOURCE MANAGEMENT AT SARATOGA NATIONAL HISTORICAL PARK. DATA PROCESSED AND UPLOADED TO STORET BY RANDY SIDDENS AT NPS WRD IN FORT COLLINS COLORADO. PHONE (970) 225-3556 FAX (970) 225-9965.

Parameter Inventory for Station: SARA0056

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39519 PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/30/87-04/30/87	1 ##	50.	50.	50.	50.	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: SARA0057

NPS Station ID: SARA0057
LAT/LON: 42.976920/ -73.630559
Agency: 11NPSWRD
Date Created: 03/23/96
Location: AMERICAN'S CREEK AT ROUTE 4
FIPS State/County: 36091 NEW YORK/SARATOGA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): SARA_04
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02020003
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 98
Water Body Id:
Minor Basin: MIDDLE HUDSON RIVER
ECO Region:
RF1 Index: 02020003
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02020003002200.00
RF3 Mile Point: 3.62
Distance from RF3: 0.03
On/Off RF3:
Description:
SITE IS LOCATED ON AMERICAN'S CREEK NEAR WHERE THE CREEK ENTERS THE HUDSON RIVER FLOODPLAIN AND BEGINS TO PARALLEL ROUTE 4. AMERICAN'S CREEK IS A SMALL FIRST ORDER STREAM WHICH DRAINS THE SOUTHERN PORTION OF THE PARK ALONG ROUTE 4. THIS WATERWAY EMPTIES INTO THE HUDSON RIVER. SITE IS LOCATED ON THE MECHANICVILLE NY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. STATION IS THE RESPONSIBILITY OF SARATOGA NATIONAL HISTORICAL PARK 648 ROUTE 32 STILLWATER NEW YORK 12170. PH.(518)664-9821. FOR MORE INFORMATION CONTACT CHRIS MARTIN - RESOURCE MANAGEMENT AT SARATOGA NATIONAL HISTORICAL PARK. DATA PROCESSED AND UPLOADED TO STORET BY RANDY SIDDENS AT NPS WRD IN FORT COLLINS COLORADO. PHONE (970) 225-3556 FAX (970) 225-9965.

Parameter Inventory for Station: SARA0057

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/13/87-08/09/90	28	20.	20.857	30.	14.	21.812	4.67	14.9	18.	25.	29.1
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/13/87-08/09/90	29	23.9	25.19	41.	15.	35.104	5.925	16.	21.5	28.5	34.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/13/87-08/09/90	28	275.	299.179	800.	170.	14231.485	119.296	210.	220.	335.	412.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/01/87-07/11/89	19	8.4	8.389	14.1	3.8	4.26	2.064	6.1	7.	9.6	10.3
00403	PH, LAB, STANDARD UNITS SU	05/27/87-08/09/90	27	8.	8.163	9.3	7.7	0.113	0.336	7.88	8.	8.4	8.56
00403	CONVERTED PH, LAB, STANDARD UNITS	05/27/87-08/09/90	27	8.	8.075	9.3	7.7	0.121	0.348	7.88	8.	8.4	8.56
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/27/87-08/09/90	27	0.01	0.008	0.02	0.001	0.	0.004	0.003	0.004	0.01	0.013
00480	SALINITY - PARTS PER THOUSAND	05/13/87-08/09/90	30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/23/87-07/23/87	1	9.3	9.3	9.3	9.3	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/23/87-07/23/87	1	56.	56.	56.	56.	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/13/87-09/23/87	9	180.	338.556	800.	50.	93931.278	306.482	50.	83.5	640.	800.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/13/87-09/23/87	9	2.255	2.332	2.903	1.699	0.214	0.463	1.699	1.92	2.792	2.903
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			214.703								
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	07/23/87-07/23/87	1	0.1	0.1	0.1	0.1	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

EPA Water Quality Criteria Analysis for Station: SARA0057

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/20-2/29 Obs	9/20-2/29 Exceed	9/20-2/29 Prop.	3/01-4/30 Obs	3/01-4/30 Exceed	3/01-4/30 Prop.	5/01-6/30 Obs	5/01-6/30 Exceed	5/01-6/30 Prop.	7/01-9/19 Obs	7/01-9/19 Exceed	7/01-9/19 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	19	1	0.05	1	0	0.00				5	0	0.00	13	1	0.08
00403	PH, LAB	Other-Hi Lim.	9.	27	1	0.04	1	0	0.00				9	1	0.11	17	0	0.00
		Other-Lo Lim.	6.5	27	0	0.00	1	0	0.00				9	0	0.00	17	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00										1	0	0.00
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	15.	1	1	1.00										1	1	1.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	9	4	0.44	1	0	0.00				3	1	0.33	5	3	0.60

& - 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: SARA0058

NPS Station ID: SARA0058 | LAT/LON: 42.974170/ -73.631226 | Agency: 11NPSWRD | Date Created: 03/23/96
Location: VYLE POND-ROUTE 4 | | FIPS State/County: 36091 NEW YORK/SARATOGA |
Station Type: /TYPA/AMBNT/FWTLND | | STORET Station ID(s): SARA_17 |
RMI-Indexes: | | Within Park Boundary: Yes |
RMI-Miles: | | |
HUC: 02020003 | Depth of Water: 0 | Aquifer: |
Major Basin: NORTHEAST | Elevation: 90 | Water Body Id: |
Minor Basin: MIDDLE HUDSON RIVER | | ECO Region: |
RF1 Index: 02020003 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 02020003002200.00 | RF3 Mile Point: 3.62 | Distance from RF3: 0.03 | On/Off RF3:
Description:
SITE IS LOCATED IN AN AREA OF BACKWATER CREATED BY THE HUDSON RIVER AND IS APPROXIMATELY 200 YARDS DOWNSTREAM OF WHERE AMERICAN'S CREEK CROSSES ROUTE 4. SITE IS LOCATED ON THE MECHANICVILLE NY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. STATION IS THE RESPONSIBILITY OF SARATOGA NATIONAL HISTORICAL PARK 648 ROUTE 32 STILLWATER NEW YORK 12170. PH.(518)664-9821. FOR MORE INFORMATION CONTACT CHRIS MARTIN - RESOURCE MANAGEMENT AT SARATOGA NATIONAL HISTORICAL PARK. DATA PROCESSED AND UPLOADED TO STORET BY RANDY SIDDENS AT NPS WRD IN FORT COLLINS COLORADO. PHONE (970) 225-3556 FAX (970) 225-9965.

Parameter Inventory for Station: SARA0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00480	SALINITY - PARTS PER THOUSAND	07/23/87-07/23/87	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/23/87-07/23/87	1	81.	81.	81.	81.	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: SARA0058

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/20-2/29 Obs	9/20-2/29 Exceed	9/20-2/29 Prop.	3/01-4/30 Obs	3/01-4/30 Exceed	3/01-4/30 Prop.	5/01-6/30 Obs	5/01-6/30 Exceed	5/01-6/30 Prop.	7/01-9/19 Obs	7/01-9/19 Exceed	7/01-9/19 Prop.
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	15.	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: SARA0059

NPS Station ID: SARA0059
LAT/LON: 43.102782/ -73.636670
Agency: 21NYDEC2
Date Created: 02/09/79
Location: SARATOGA LAKE
FIPS State/County: 36091 NEW YORK/SARATOGA
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 11F01010
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02020003
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id:
Minor Basin: UPPER HUDSON RIVER
ECO Region:
RF1 Index: 02020003065
RF1 Mile Point: 5.900
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02020003014300.00
RF3 Mile Point: 0.00
Distance from RF3: 0.08
On/Off RF3:
Description:
DATA FROM NEW YORK DEPARTMENT OF ENVIRONMENTAL CONSERVATION FISH TISSUE SAMPLES ANALYZED FOR TOXICS SAMPLE TAKEN FROM SARATOGA LAKE

Parameter Inventory for Station: SARA0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00023	SAMPLE WEIGHT IN POUNDS	01/01/69-01/01/69	3	0.61	0.607	0.79	0.42	0.034	0.185	**	**	**	**
34687	HEPTACHLOR WET WGTTISMG/KG	01/01/69-01/01/69	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39302	P P DDT IN TISSUE WET WGT (UG/G)	01/01/69-01/01/69	3	0.1	0.11	0.16	0.07	0.002	0.046	**	**	**	**
39307	O P DDT IN TISSUE WET WGT (UG/G)	01/01/69-01/01/69	2	0.045	0.045	0.05	0.04	0.	0.007	**	**	**	**
39312	P P DDD IN TISSUE WET WGT (UG/G)	01/01/69-01/01/69	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
39329	O,P DDE IN TISSUE, WET WGT(UG/G)	01/01/69-01/01/69	2	0.035	0.035	0.04	0.03	0.	0.007	**	**	**	**
39376	DDT SUM ANALOGS INTISSUE WET WGT BASIS	01/01/69-01/01/69	3	0.34	0.33	0.45	0.2	0.016	0.125	**	**	**	**
39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	01/01/69-01/01/69	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	01/01/69-01/01/69	3	1.	1.	1.	1.	0.	0.	**	**	**	**
81896	DDE TOTAL IN TISSUE WET WEIGHT MG/KG	01/01/69-01/01/69	3	0.16	0.14	0.17	0.09	0.002	0.044	**	**	**	**

** - Less 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: SARA0060

NPS Station ID: SARA0060 | LAT/LON: 42.975449/ -73.641559 | Agency: 11NPSWRD | Date Created: 03/23/96
Location: LOWER DEVIL'S HOLLOW | FIPS State/County: 36091 NEW YORK/SARATOGA
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): SARA_09
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 02020003 | Depth of Water: 0 | Aquifer:
Major Basin: NORTHEAST | Elevation: 130 | Water Body Id:
Minor Basin: MIDDLE HUDSON RIVER | ECO Region:
RF1 Index: 02020003 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 02020003002200.00 | RF3 Mile Point: 3.62 | Distance from RF3: 0.03 | On/Off RF3:
Description:
SITE IS LOCATED ALONG THE LOWER REACHES OF DEVILS HOLLOW APPROXIMATELY 1/2 MILE ABOVE WHERE DEVILS HOLLOW FLOWS INTO THE OLD CHAMPLAIN CANAL. DEVIL'S HOLLOW IS A FIRST/SECOND ORDER STREAM LOCATED ON THE RECENTLY PURCHASED PRICE FARM AND DRAINS A SIGNIFICANT AGRICULTURAL AREA ON THE SOUTH WESTERN SECTION OF THE PARK. SITE IS LOCATED ON THE MECHANICVILLE NY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. STATION IS THE RESPONSIBILITY OF SARATOGA NATIONAL HISTORICAL PARK 648 ROUTE 32 STILLWATER NEW YORK 12170. PH.(518)664-9821. FOR MORE INFORMATION CONTACT CHRIS MARTIN - RESOURCE MANAGEMENT AT SARATOGA NATIONAL HISTORICAL PARK. DATA PROCESSED AND UPLOADED TO STORET BY RANDY SIDDENS AT NPS WRD IN FORT COLLINS COLORADO. PHONE (970) 225-3556 FAX (970) 225-9965.

Parameter Inventory for Station: SARA0060

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/13/87-08/17/90	24	19.5	19.271	25.	12.	14.	3.742	13.75	16.25	22.75	24.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/13/87-08/17/90	24	21.4	22.263	31.1	15.	18.389	4.288	16.85	19.175	25.75	28.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/13/87-08/17/90	24	310.	383.625	1050.	200.	39345.288	198.356	220.	264.	455.75	675.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/21/87-07/11/89	15	7.8	7.833	10.1	5.2	1.718	1.311	5.92	6.8	8.9	9.8
00403	PH, LAB, STANDARD UNITS SU	05/27/87-06/21/90	21	8.1	8.176	8.9	7.6	0.136	0.369	7.8	7.85	8.5	8.78
00403	CONVERTED PH, LAB, STANDARD UNITS	05/27/87-06/21/90	21	8.1	8.05	8.9	7.6	0.153	0.391	7.8	7.85	8.5	8.78
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/27/87-06/21/90	21	0.008	0.009	0.025	0.001	0.	0.006	0.002	0.003	0.014	0.016
00480	SALINITY - PARTS PER THOUSAND	05/13/87-08/17/90	24	0.	0.021	0.5	0.	0.01	0.102	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: SARA0060

				Total	Exceed	Prop.	----------9/20-2/29----------			----------3/01-4/30----------			----------5/01-6/30----------			----------7/01-9/19----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	15	0	0.00	1	0	0.00				3	0	0.00	11	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	21	0	0.00	1	0	0.00				8	0	0.00	12	0	0.00
		Other-Lo Lim.	6.5	21	0	0.00	1	0	0.00				8	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

Station Inventory for Station: SARA0061

NPS Station ID: SARA0061 | LAT/LON: 42.997642/ -73.647059 | Agency: 11NPSWRD | Date Created: 03/23/96
Location: MILL CREEK NEAR MURPHY MONUMENT | FIPS State/County: 36091 NEW YORK/SARATOGA
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): SARA_10
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 02020003 | Depth of Water: 0 | Aquifer:
Major Basin: NORTHEAST | Elevation: 250 | Water Body Id:
Minor Basin: MIDDLE HUDSON RIVER | ECO Region:
RF1 Index: 02020003 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 02020003002200.00 | RF3 Mile Point: 3.62 | Distance from RF3: 0.03 | On/Off RF3:
Description:
SITE IS LOCATED ON MILL CREEK JUST DOWNSTREAM OF WHERE MILL CREEK CROSSES ROUTE 32. MOST OF THE WATERSHED FOR THIS FIRST AND SECOND ORDER STREAM IS WITHIN PARK BOUNDARIES EXCEPT FOR THE SECTION WHICH PASSES THROUGH THE MAJOR PARK INHOLDING WHERE AGRICULTURAL AND/OR DAIRY FARMING IS PRACTICED. THE STREAM EVENTUALLY EMPTIES INTO THE HUDSON RIVER.
SITE IS LOCATED ON THE MECHANICVILLE NY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. STATION IS THE RESPONSIBILITY OF SARATOGA NATIONAL HISTORICAL PARK 648 ROUTE 32 STILLWATER NEW YORK 12170. PH.(518)664-9821. FOR MORE INFORMATION CONTACT CHRIS MARTIN - RESOURCE MANAGEMENT AT SARATOGA NATIONAL HISTORICAL PARK. DATA PROCESSED AND UPLOADED TO STORET BY RANDY SIDDENS AT NPS WRD IN FORT COLLINS COLORADO. PHONE (970) 225-3556 FAX (970) 225-9965.

Parameter Inventory for Station: SARA0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/13/87-08/09/90	28	19.	19.482	25.	13.5	11.157	3.34	14.4	17.	22.75	24.1
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/13/87-08/09/90	28	22.9	23.129	32.	15.5	17.366	4.167	16.91	20.625	26.	29.05
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/13/87-08/09/90	28	337.5	376.429	1000.	3.	31183.735	176.589	242.7	285.	415.	654.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/10/87-07/12/89	20	8.3	7.67	10.	3.7	3.351	1.83	4.45	6.15	9.25	9.59
00403	PH, LAB, STANDARD UNITS SU	05/27/87-08/09/90	27	8.	8.081	9.1	7.6	0.118	0.343	7.6	7.9	8.3	8.44
00403	CONVERTED PH, LAB, STANDARD UNITS	05/27/87-08/09/90	27	8.	7.973	9.1	7.6	0.13	0.36	7.6	7.9	8.3	8.44
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/27/87-08/09/90	27	0.01	0.011	0.025	0.001	0.	0.007	0.004	0.005	0.013	0.025
00480	SALINITY - PARTS PER THOUSAND	05/13/87-08/09/90	29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/23/87-07/23/87	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	07/23/87-07/23/87	1 ##	0.025	0.025	0.025	0.025	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: SARA0061

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/20-2/29 Obs	9/20-2/29 Exceed	9/20-2/29 Prop.	3/01-4/30 Obs	3/01-4/30 Exceed	3/01-4/30 Prop.	5/01-6/30 Obs	5/01-6/30 Exceed	5/01-6/30 Prop.	7/01-9/19 Obs	7/01-9/19 Exceed	7/01-9/19 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	20	1	0.05	1	0	0.00				6	0	0.00	13	1	0.08
00403	PH, LAB	Other-Hi Lim.	9.	27	1	0.04	1	0	0.00				10	0	0.00	16	1	0.06
		Other-Lo Lim.	6.5	27	0	0.00	1	0	0.00				10	0	0.00	16	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: SARA0061

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/20-2/29 Obs	9/20-2/29 Exceed	9/20-2/29 Prop.	3/01-4/30 Obs	3/01-4/30 Exceed	3/01-4/30 Prop.	5/01-6/30 Obs	5/01-6/30 Exceed	5/01-6/30 Prop.	7/01-9/19 Obs	7/01-9/19 Exceed	7/01-9/19 Prop.
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	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 Inventory for Station: SARA0062

NPS Station ID: SARA0062 | LAT/LON: 42.977476/ -73.647670 | Agency: 11NPSWRD | Date Created: 03/23/96
Location: UPPER DEVIL'S HOLLOW | FIPS State/County: 36091 NEW YORK/SARATOGA
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): SARA_08
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 02020003 | Depth of Water: 0 | Aquifer:
Major Basin: NORTHEAST | Elevation: 240 | Water Body Id:
Minor Basin: MIDDLE HUDSON RIVER | ECO Region:
RF1 Index: 02020003 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 02020003002200.00 | RF3 Mile Point: 3.62 | Distance from RF3: 0.03 | On/Off RF3:
Description:
SITE IS LOCATED ALONG DEVILS HOLLOW APPROXIMATELY 100 YARDS DOWNSTREAM OF THE CONFLUENCE OF A NORTHERN BRANCHING TRIBUTARY AND DEVILS HOLLOW. DEVIL'S HOLLOW IS A FIRST/SECOND ORDER STREAM LOCATED ON THE RECENTLY PURCHASED PRICE FARM AND DRAINS A SIGNIFICANT AGRICULTURAL AREA ON THE SOUTH WESTERN SECTION OF THE PARK. SITE IS LOCATED ON THE MECHANICVILLE NY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. STATION IS THE RESPONSIBILITY OF SARATOGA NATIONAL HISTORICAL PARK 648 ROUTE 32 STILLWATER NEW YORK 12170. PH.(518)664-9821. FOR MORE INFORMATION CONTACT CHRIS MARTIN - RESOURCE MANAGEMENT AT SARATOGA NATIONAL HISTORICAL PARK. DATA PROCESSED AND UPLOADED TO STORET BY RANDY SIDDENS AT NPS WRD IN FORT COLLINS COLORADO. PHONE (970) 225-3556 FAX (970) 225-9965.

Parameter Inventory for Station: SARA0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/13/87-08/17/90	20	18.35	19.345	28.	13.5	16.287	4.036	14.12	17.	20.875	26.8
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/13/87-08/17/90	20	24.4	24.45	32.2	17.	25.594	5.059	17.82	19.175	29.75	31.09
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/13/87-08/17/90	20	302.5	343.1	700.	185.	21636.411	147.093	210.	232.5	388.75	680.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/21/87-07/11/89	11	8.4	7.691	9.9	3.5	3.897	1.974	3.68	7.1	8.8	9.68
00403	PH, LAB, STANDARD UNITS SU	05/27/87-06/21/90	17	8.1	7.988	8.5	7.3	0.11	0.331	7.38	7.75	8.2	8.42
00403	CONVERTED PH, LAB, STANDARD UNITS	05/27/87-06/21/90	17	8.1	7.857	8.5	7.3	0.128	0.358	7.38	7.75	8.2	8.42
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/27/87-06/21/90	17	0.008	0.014	0.05	0.003	0.	0.013	0.004	0.006	0.018	0.042
00480	SALINITY - PARTS PER THOUSAND	05/13/87-08/17/90	20	0.	0.	0.	0.	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: SARA0062

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/20-2/29 Obs	9/20-2/29 Exceed	9/20-2/29 Prop.	3/01-4/30 Obs	3/01-4/30 Exceed	3/01-4/30 Prop.	5/01-6/30 Obs	5/01-6/30 Exceed	5/01-6/30 Prop.	7/01-9/19 Obs	7/01-9/19 Exceed	7/01-9/19 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	11	1	0.09	1	0	0.00				3	1	0.33	7	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	17	0	0.00	1	0	0.00				8	0	0.00	8	0	0.00
		Other-Lo Lim.	6.5	17	0	0.00	1	0	0.00				8	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

Station Inventory for Station: SARA0063

NPS Station ID: SARA0063
LAT/LON: 42.937781/ -73.651115
Agency: 21NYDECA
Date Created: 02/18/89
Location: U.HUDSON R. IN STILLWATER @ RT.67 BR.
FIPS State/County: 36091 NEW YORK/SARATOGA
Station Type: /TYPA/AMBNT/STREAM/NET
STORET Station ID(s): 11010166 /GS01331095
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02020003
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id: U.HUDSON R. IN STILLWATER
Minor Basin: UPPER HUDSON RIVER
ECO Region:
RF1 Index: 02020003
RF1 Mile Point: 0.000
Distance from RF1: 2.60
On/Off RF1:
RF3 Index: 02020003000200.00
RF3 Mile Point: 3.24
Distance from RF3: 0.09
On/Off RF3:
Description:

Parameter Inventory for Station: SARA0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/10/69-11/12/86	146	14.75	13.658	28.5	0.	71.639	8.464	1.85	6.375	21.5	24.62
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/10/69-11/12/86	123	17.	16.53	37.2	-13.	112.829	10.622	7.	10.	26.	30.
00032	CLOUD COVER (PERCENT)	03/10/69-11/12/86	121	50.	51.901	100.	0.	1337.507	36.572	5.	10.	90.	99.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/15/69-09/09/76	79	5.	7.134	30.	1.	31.894	5.648	3.	3.7	8.3	15.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/12/76-11/12/86	73	2.7	4.966	72.	0.5	93.335	9.661	1.14	1.8	3.5	6.34
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/10/69-11/12/86	137	110.	124.051	913.	54.	7159.005	84.611	87.	95.	124.	138.2
00300p	OXYGEN, DISSOLVED MG/L	03/10/69-11/12/86	150	9.	9.61	16.	3.	7.742	2.782	6.41	7.475	12.	13.6
00303	BOD, 1DAY, 20 DEG C MG/L	04/28/75-11/05/81	50	0.6	0.657	2.	0.05	0.157	0.396	0.11	0.475	0.9	1.29
00305	BOD, 3 DAY, 20 DEG C MG/L	04/28/75-11/05/81	20	1.95	1.795	3.	0.6	0.341	0.584	0.82	1.525	2.	2.58
00310p	BOD, 5 DAY, 20 DEG C MG/L	06/04/69-11/12/86	107	2.1	2.284	6.3	0.	1.099	1.048	1.2	1.6	2.9	3.46
00315p	BOD, 7 DAY, 20 DEG C MG/L	04/15/69-08/19/86	95	2.6	2.866	7.2	0.5	1.37	1.171	1.6	2.2	3.3	4.6
00335p	COD, .025N K2CR2O7 MG/L	03/10/69-04/30/86	103	16.	16.79	84.	2.	100.977	10.049	8.64	12.	19.	24.
00340	COD, .25N K2CR2O7 MG/L	06/27/78-07/21/83	24	19.5	20.875	52.	2.	130.81	11.437	6.	12.75	26.75	39.5
00400p	PH (STANDARD UNITS)	04/15/69-11/12/86	136	7.2	7.231	8.	6.5	0.102	0.319	6.8	7.	7.488	7.665
00400p	CONVERTED PH (STANDARD UNITS)	04/15/69-11/12/86	136	7.2	7.116	8.	6.5	0.116	0.34	6.8	7.	7.487	7.665
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/15/69-11/12/86	136	0.063	0.077	0.316	0.01	0.004	0.061	0.022	0.033	0.1	0.158
00403	PH, LAB, STANDARD UNITS SU	07/21/83-12/19/85	2	6.85	6.85	7.2	6.5	0.245	0.495	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/21/83-12/19/85	2	6.722	6.722	7.2	6.5	0.278	0.527	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/21/83-12/19/85	2	0.19	0.19	0.316	0.063	0.032	0.179	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/27/78-12/19/85	73	26.	25.87	82.	0.5	87.792	9.37	18.	22.	29.5	34.6
00420	ALKALINITY, HYDROXIDE (MG/L AS CACO3)	04/23/69-09/16/70	19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	03/10/69-05/26/77	47	23.	24.213	56.	5.	64.345	8.022	13.	20.	29.	33.2
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	04/23/69-09/16/70	19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00436	ACIDITY, MINERAL (METHYL ORANGE) (MG/L AS CACO3)	07/26/78-07/26/78	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	03/10/69-09/29/71	36	79.	91.472	176.	60.	869.056	29.48	67.7	74.	101.75	141.7
00510	RESIDUE, TOTAL FIXED (MG/L)	03/10/69-09/29/71	36	61.	64.278	113.	43.	279.292	16.712	46.	53.25	69.75	90.6
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/10/69-11/12/86	134	8.	12.444	100.	0.5	255.055	15.97	2.	4.	12.25	27.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/11/75-11/12/86	88	4.	5.563	93.	0.5	111.93	10.58	1.	2.	6.	8.2
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/10/69-11/12/86	118	4.	7.445	78.	0.5	135.379	11.635	0.95	2.	7.	17.1
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	03/10/69-09/09/76	46	0.295	0.345	0.83	0.05	0.033	0.182	0.11	0.228	0.45	0.609
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/10/69-11/12/86	136	0.13	0.209	2.64	0.007	0.072	0.268	0.05	0.072	0.268	0.45
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/10/69-11/12/86	120	0.01	0.042	2.	0.001	0.045	0.212	0.004	0.006	0.017	0.034
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/10/69-09/09/76	51	0.34	0.36	0.77	0.02	0.024	0.155	0.2	0.26	0.47	0.538
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/11/75-10/09/86	56	0.6	0.628	1.4	0.1	0.08	0.283	0.318	0.405	0.8	1.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/26/77-11/12/86	83	0.4	0.424	0.8	0.05	0.023	0.152	0.24	0.31	0.52	0.656
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	06/11/75-09/09/76	15	0.19	0.216	0.68	0.06	0.031	0.175	0.06	0.06	0.28	0.566
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/10/69-09/29/71	36	0.11	0.112	0.29	0.01	0.004	0.06	0.034	0.073	0.145	0.2
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/29/75-11/12/86	88	0.005	0.008	0.08	0.001	0.	0.011	0.002	0.003	0.009	0.015

** - Less 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: SARA0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/10/69-11/12/86	52	36.	51.385	400.	23.	4486.124	66.979	29.	33.	45.75	54.8
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/10/69-09/29/71	36	11.	11.494	16.9	7.	5.624	2.371	8.97	10.	13.	15.09
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/10/69-09/29/71	36	2.	2.222	4.5	1.2	0.477	0.691	1.44	1.9	2.475	3.1
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/10/69-09/29/71	36	4.35	4.658	9.1	1.7	2.919	1.708	2.34	3.5	5.675	7.29
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/10/69-09/29/71	36	0.5	0.694	2.1	0.3	0.25	0.5	0.3	0.4	0.6	1.76
00940	CHLORIDE,TOTAL IN WATER MG/L	02/26/81-12/19/85	48	7.	6.813	10.	4.	2.326	1.525	5.	5.	8.	9.
00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/10/69-10/08/80	79	5.	5.696	12.	2.	3.624	1.904	3.	5.	7.	8.
00945	SULFATE, TOTAL (MG/L AS SO4)	03/10/69-09/29/71	36	15.	15.722	33.	10.	15.292	3.911	11.7	14.	17.	19.
00951	FLUORIDE, TOTAL (MG/L AS F)	04/23/69-09/29/71	31	0.01	0.054	0.3	0.	0.005	0.071	0.002	0.01	0.08	0.186
01045	IRON, TOTAL (UG/L AS FE)	03/10/69-09/29/71	36	145.	158.333	500.	50.	7642.857	87.423	67.	100.	210.	256.
01055	MANGANESE, TOTAL (UG/L AS MN)	03/10/69-02/17/71	26	10.	19.231	130.	0.	863.385	29.383	0.	0.	30.	60.
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/10/69-09/18/86	163	5000.	22238.65	890000.	0.	6750777595.698	82163.116	640.	1700.	11000.	40800.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/10/69-09/18/86	163	3.699	3.659	5.949	0.	0.63	0.794	2.805	3.23	4.041	4.609
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4555.667								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/15/69-04/23/69	2	18750.	18750.	31000.	6500.	300125000.	17324.116	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/15/69-04/23/69	2	4.152	4.152	4.491	3.813	0.23	0.48	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			14195.07								
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	07/07/71-09/18/86	127	260.	560.087	5800.	0.	933399.032	966.126	65.6	120.	600.	1040.
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	07/07/71-09/18/86	127	2.415	2.416	3.763	0.	0.297	0.545	1.816	2.079	2.778	3.016
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			260.651								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/07/71-04/02/74	33	50.	135.515	500.	4.	24294.258	155.866	7.	12.	230.	398.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/07/71-04/02/74	33	1.699	1.714	2.699	0.602	0.474	0.689	0.845	1.079	2.36	2.6
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			51.819								
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	07/07/71-04/02/74	34	6250.	20333.235	430000.	430.	5298998161.943	72794.218	1600.	3375.	10250.	26000.
31751	LOG PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	07/07/71-04/02/74	34	3.795	3.773	5.633	2.633	0.288	0.537	3.142	3.527	4.01	4.407
31751	GM PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	GEOMETRIC MEAN =			5931.935								
32730p	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	04/23/69-11/12/86	154	2.	4.055	122.	0.5	125.355	11.196	0.5	1.	4.	7.
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/26/77-11/12/86	86	0.03	0.029	0.1	0.005	0.	0.017	0.01	0.02	0.033	0.05
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	02/26/81-11/05/81	12	1.6	2.642	12.	0.8	9.932	3.151	0.83	1.075	2.35	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 time series plot

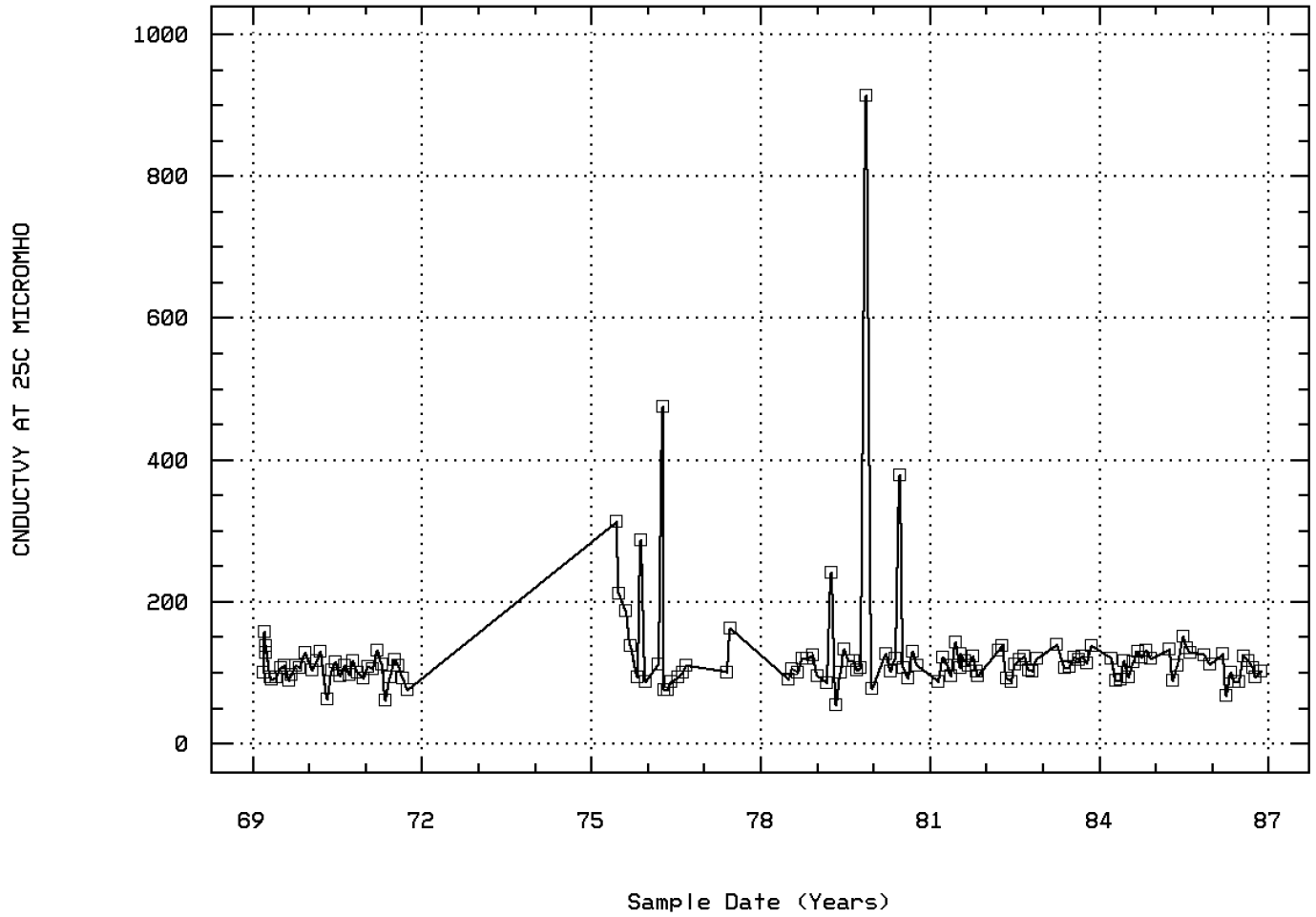
EPA Water Quality Criteria Analysis for Station: SARA0063

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/20-2/29 Obs	9/20-2/29 Exceed	9/20-2/29 Prop.	3/01-4/30 Obs	3/01-4/30 Exceed	3/01-4/30 Prop.	5/01-6/30 Obs	5/01-6/30 Exceed	5/01-6/30 Prop.	7/01-9/19 Obs	7/01-9/19 Exceed	7/01-9/19 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	79	0	0.00	28	0	0.00	15	0	0.00	16	0	0.00	20	0	0.00
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	73	1	0.01	19	1	0.05	14	0	0.00	18	0	0.00	22	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	150	2	0.01	47	0	0.00	31	0	0.00	31	0	0.00	41	2	0.05
00400	PH	Other-Hi Lim.	9.	136	0	0.00	43	0	0.00	25	0	0.00	28	0	0.00	40	0	0.00
		Other-Lo Lim.	6.5	136	3	0.02	43	0	0.00	25	2	0.08	28	1	0.04	40	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	2	0	0.00	1	0	0.00							1	0	0.00
		Other-Lo Lim.	6.5	2	1	0.50	1	1	1.00							1	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	120	2	0.02	31	1	0.03	25	1	0.04	27	0	0.00	37	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	51	0	0.00	14	0	0.00	12	0	0.00	11	0	0.00	14	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	83	0	0.00	22	0	0.00	15	0	0.00	20	0	0.00	26	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	48	0	0.00	14	0	0.00	9	0	0.00	10	0	0.00	15	0	0.00
		Drinking Water	250.	48	0	0.00	14	0	0.00	9	0	0.00	10	0	0.00	15	0	0.00
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	79	0	0.00	22	0	0.00	16	0	0.00	19	0	0.00	22	0	0.00
		Drinking Water	250.	79	0	0.00	22	0	0.00	16	0	0.00	19	0	0.00	22	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	36	0	0.00	11	0	0.00	9	0	0.00	7	0	0.00	9	0	0.00
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	31	0	0.00	10	0	0.00	5	0	0.00	7	0	0.00	9	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	163	142	0.87	51	45	0.88	28	25	0.89	36	31	0.86	48	41	0.85
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	2	1.00				2	2	1.00						
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	127	76	0.60	37	32	0.86	22	12	0.55	29	18	0.62	39	14	0.36
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	12	0	0.00	4	0	0.00	2	0	0.00	2	0	0.00	4	0	0.00

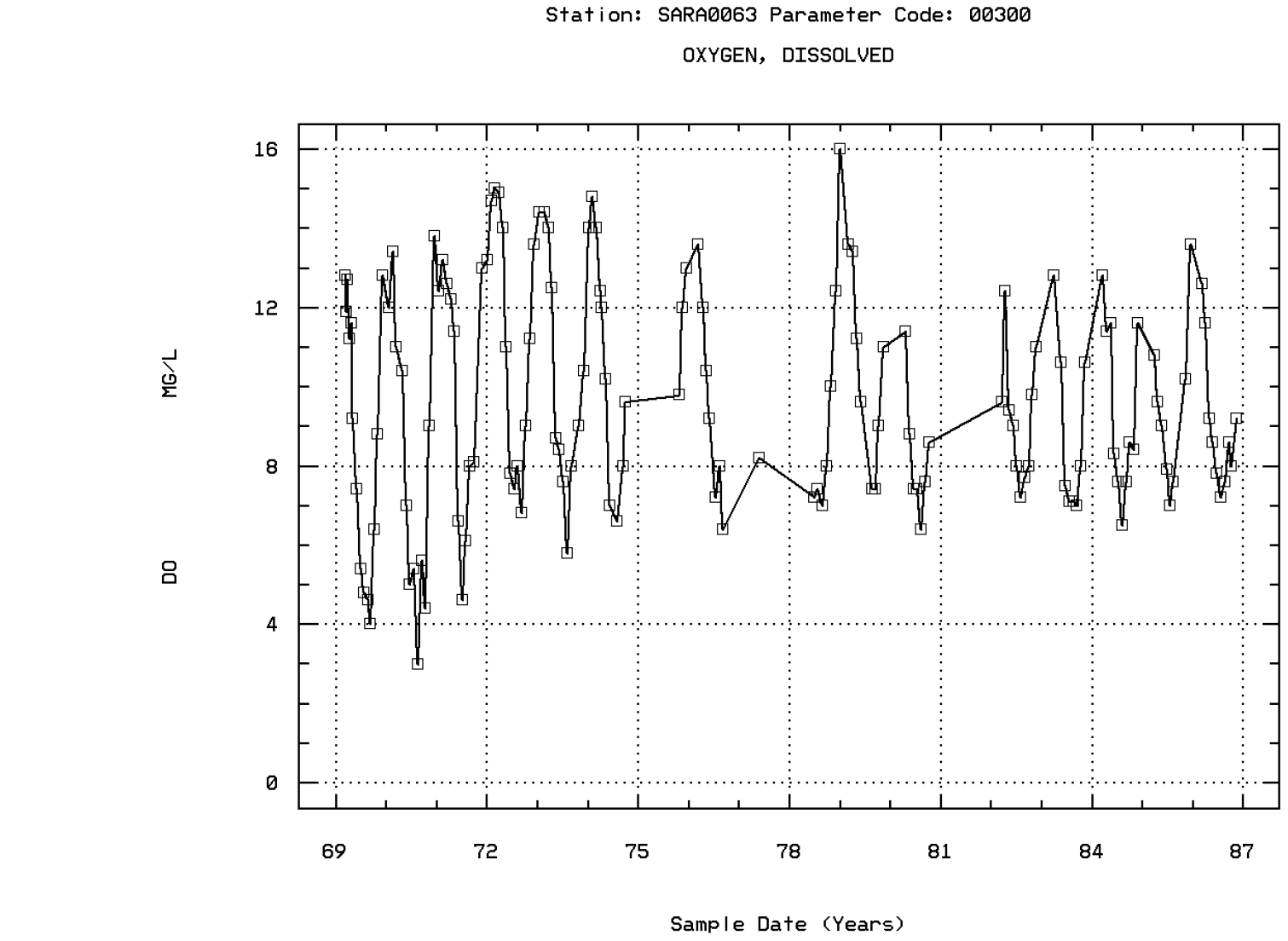
& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station: SARA0063 Parameter Code: 00095

SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)



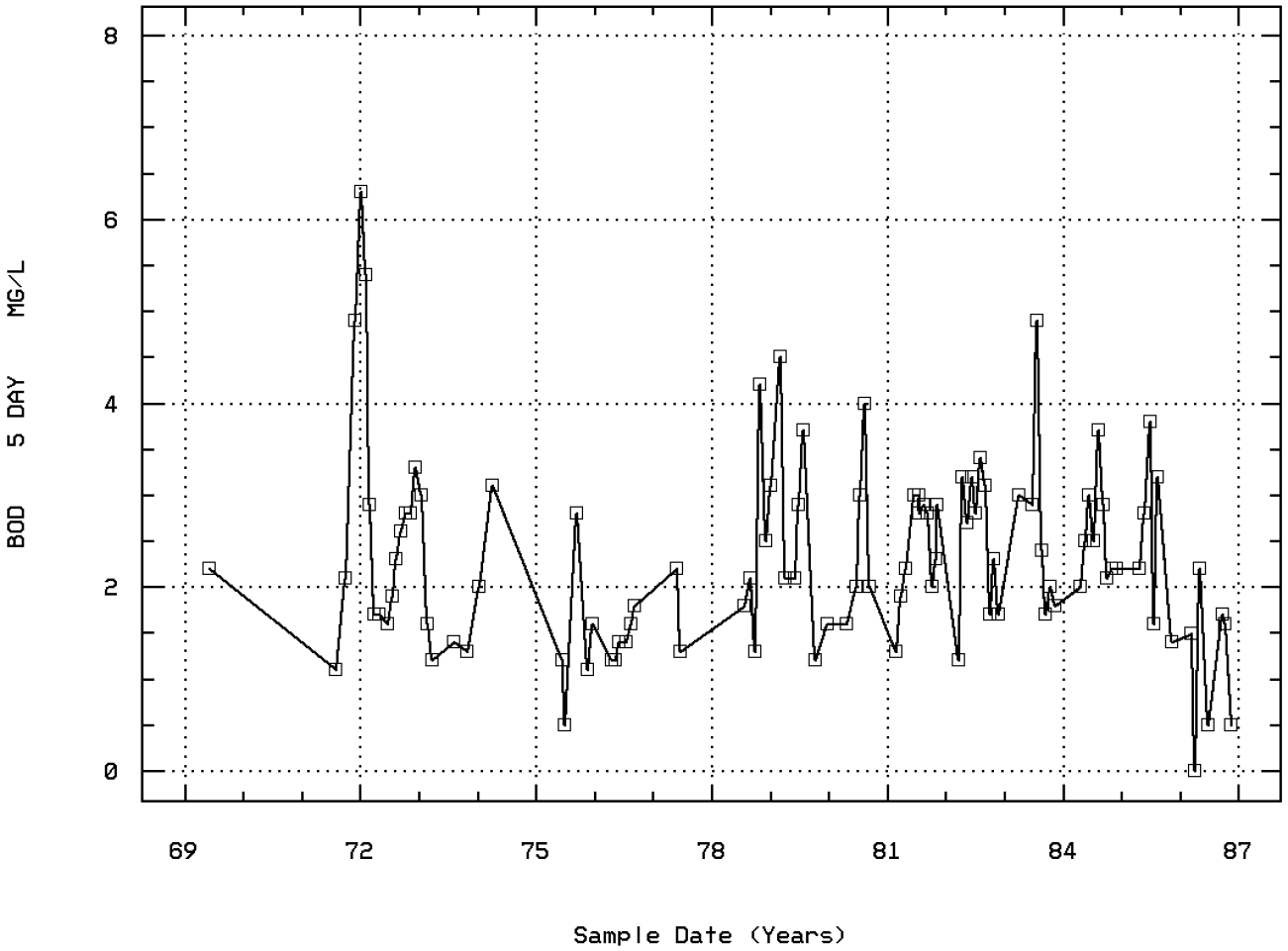
U.HUDSON R. IN STILLWATER @ RT.67 BR.



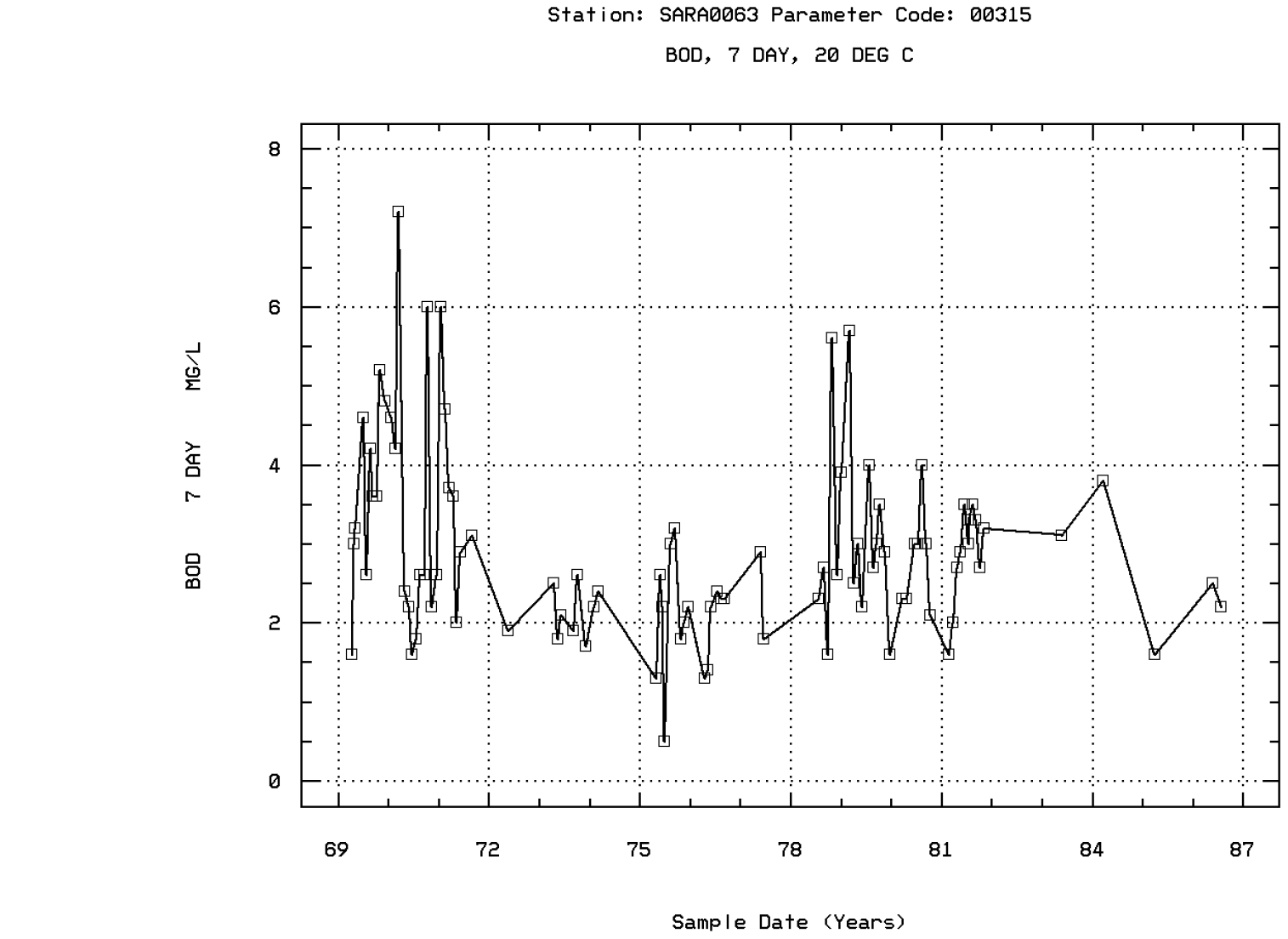
U.HUDSON R. IN STILLWATER @ RT.67 BR.

Station: SARA0063 Parameter Code: 00310

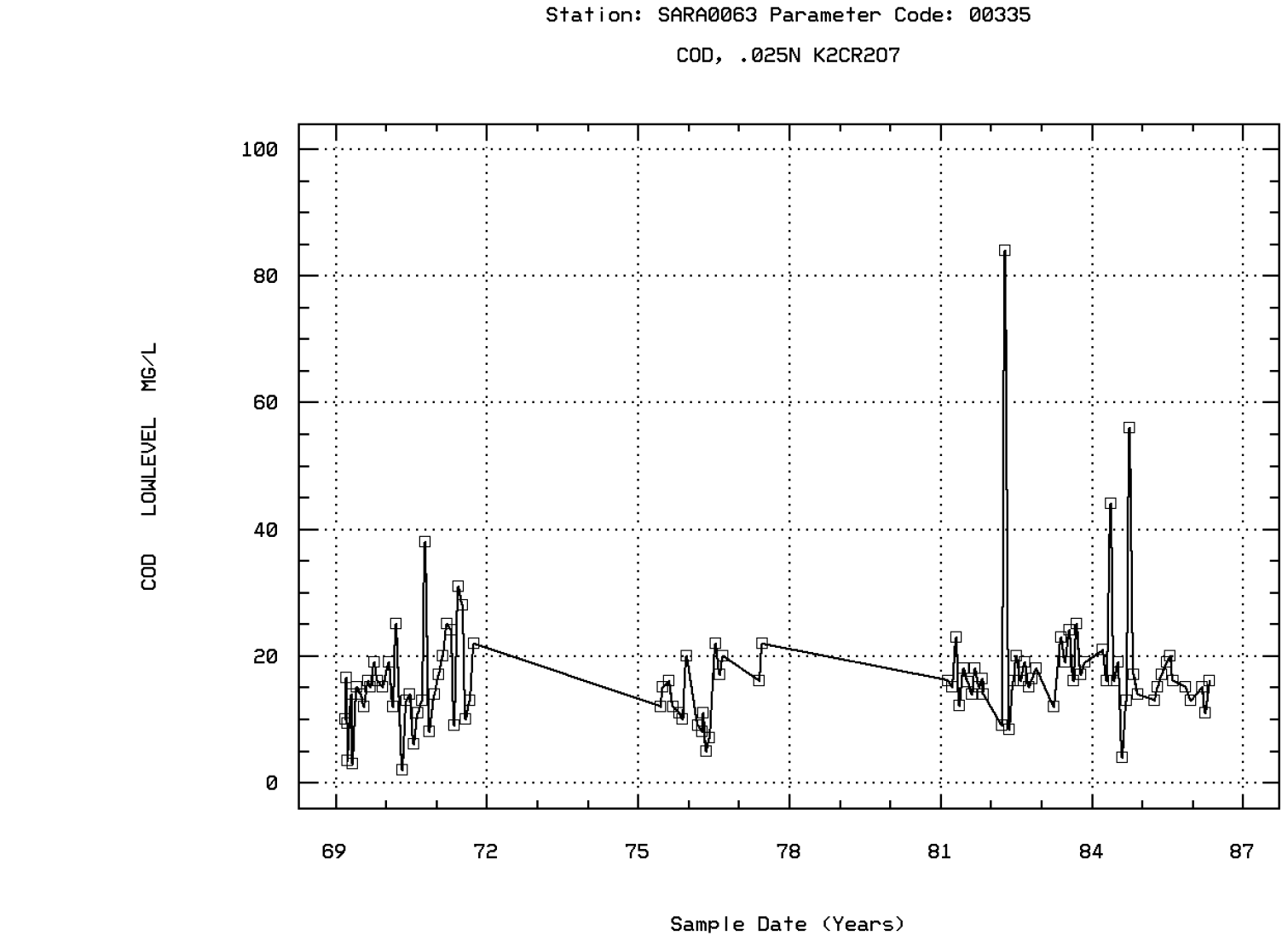
BOD, 5 DAY, 20 DEG C



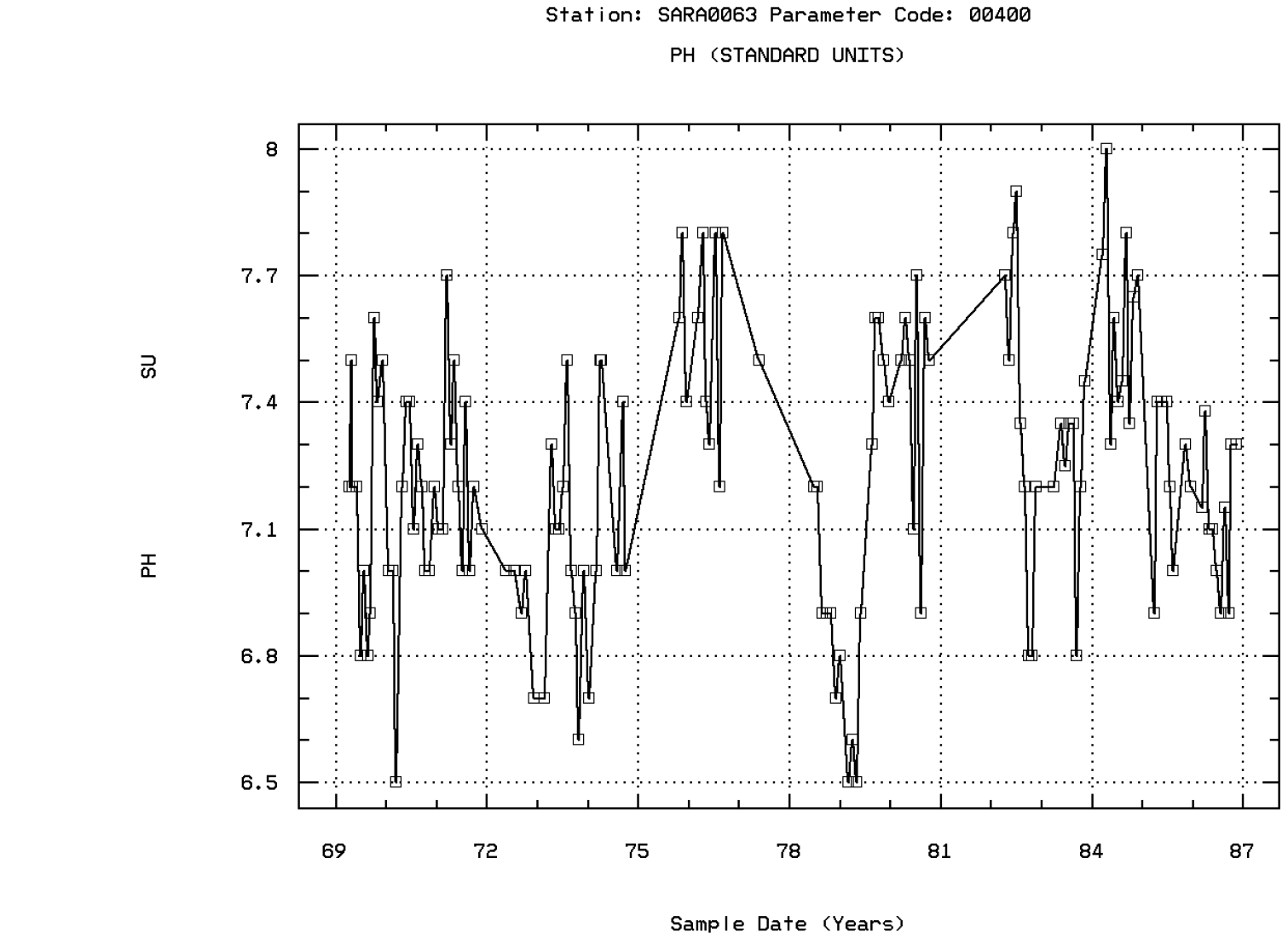
U.HUDSON R. IN STILLWATER @ RT.67 BR.



U.HUDSON R. IN STILLWATER @ RT.67 BR.



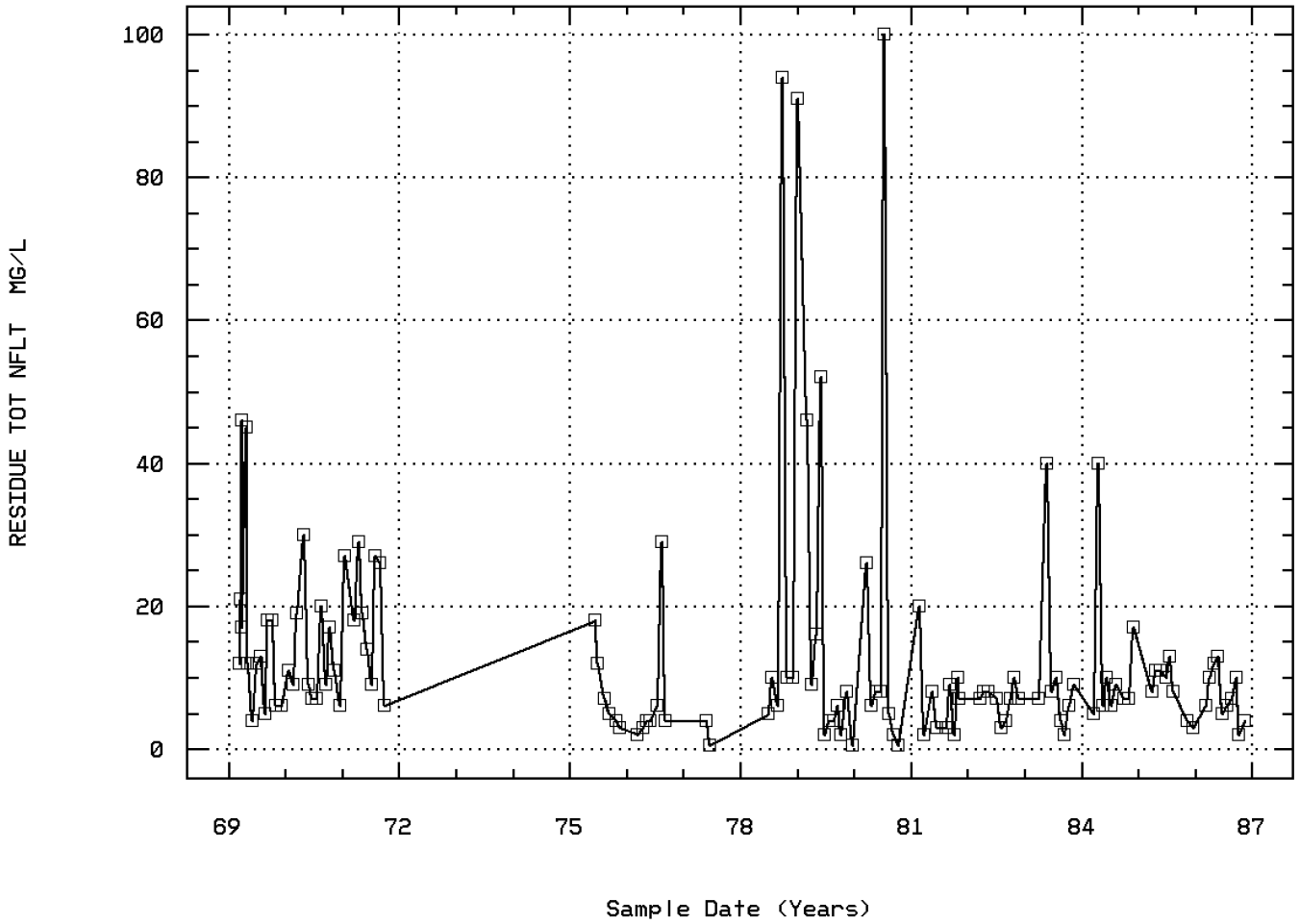
U.HUDSON R. IN STILLWATER @ RT.67 BR.



U.HUDSON R. IN STILLWATER @ RT.67 BR.

Station: SARA0063 Parameter Code: 00530

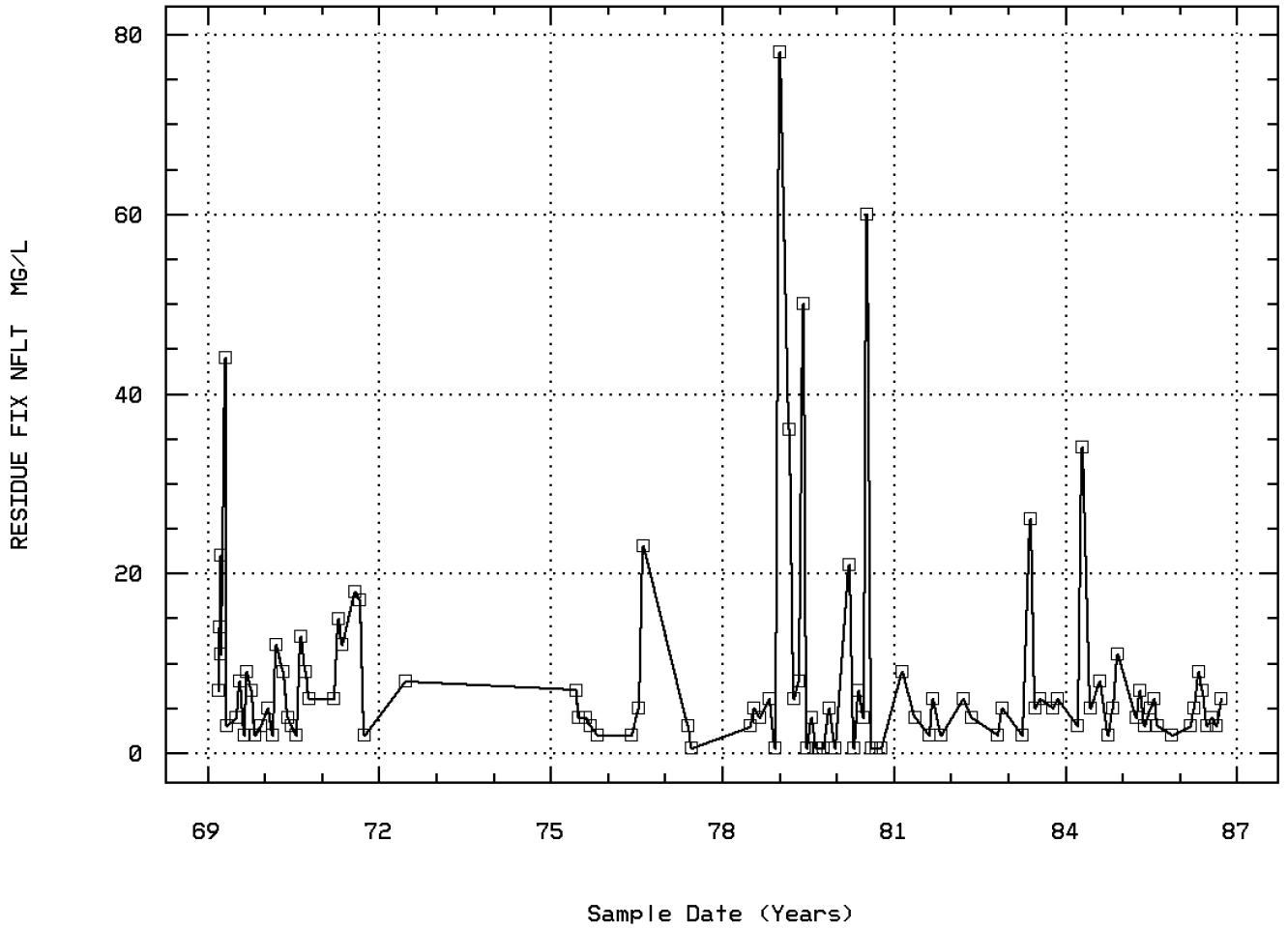
RESIDUE, TOTAL NONFILTRABLE (MG/L)



U.HUDSON R. IN STILLWATER @ RT.67 BR.

Station: SARA0063 Parameter Code: 00540

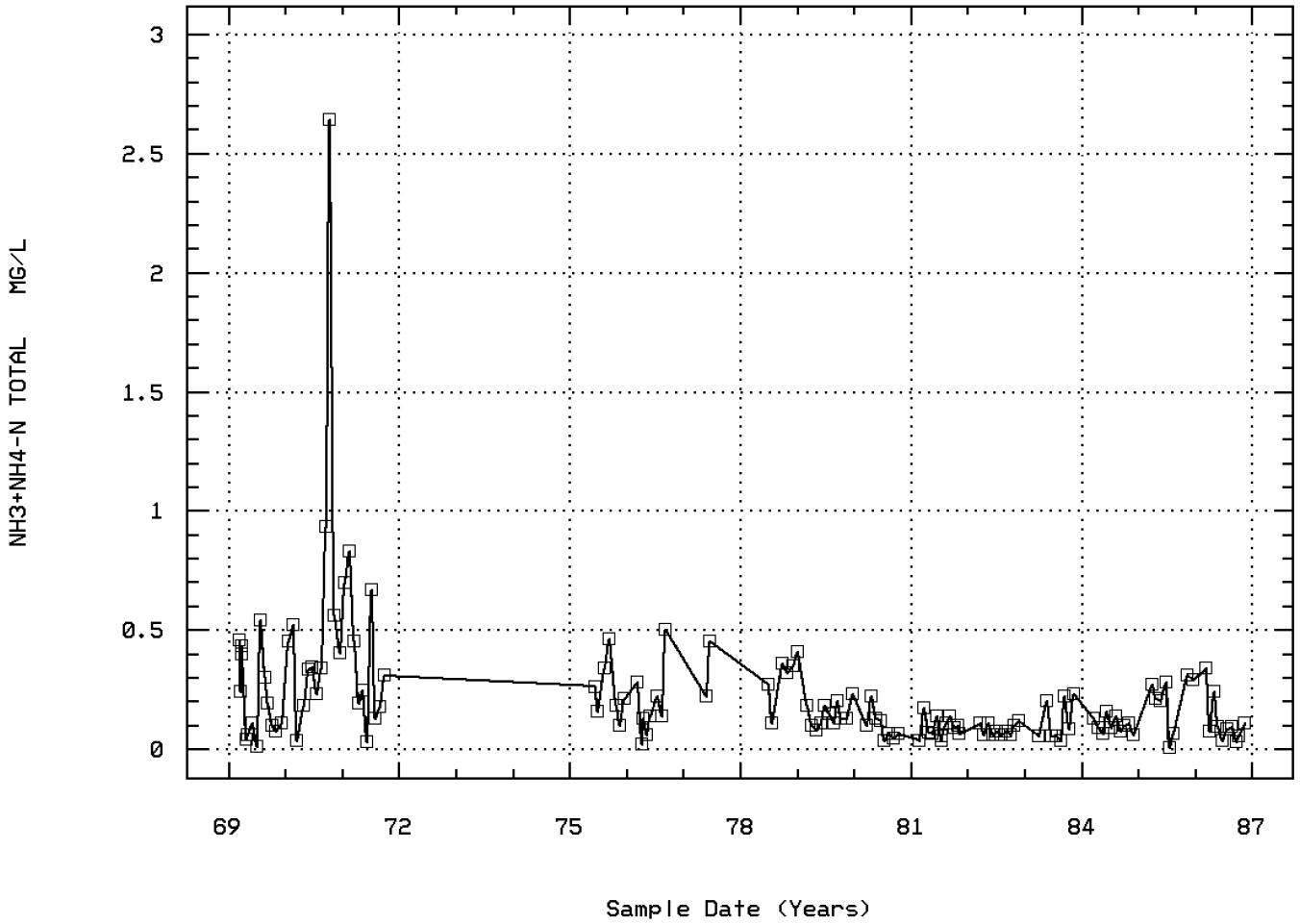
RESIDUE, FIXED NONFILTRABLE (MG/L)



U.HUDSON R. IN STILLWATER @ RT.67 BR.

Station: SARA0063 Parameter Code: 00610

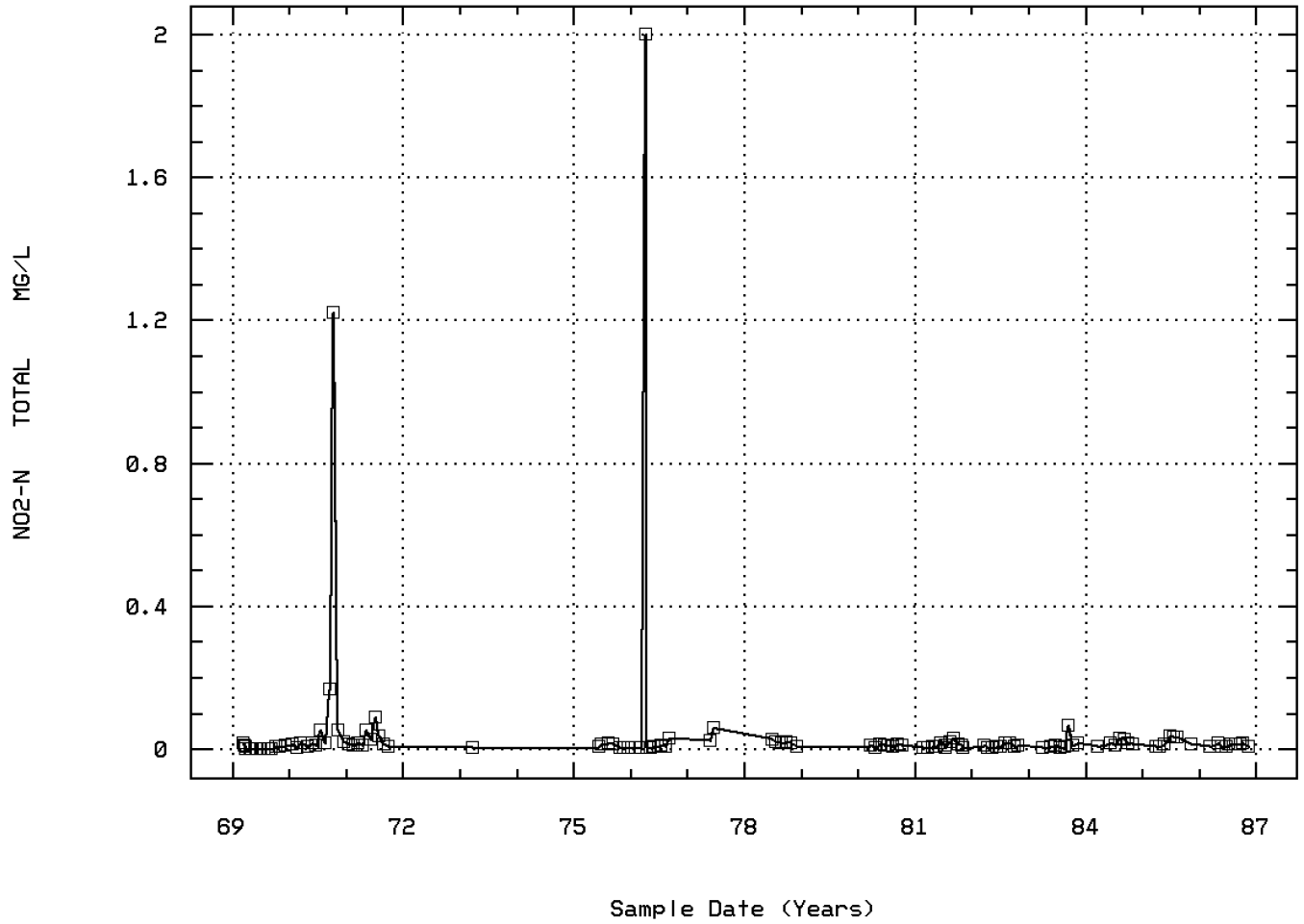
NITROGEN, AMMONIA, TOTAL (MG/L AS N)



U.HUDSON R. IN STILLWATER @ RT.67 BR.

Station: SARA0063 Parameter Code: 00615

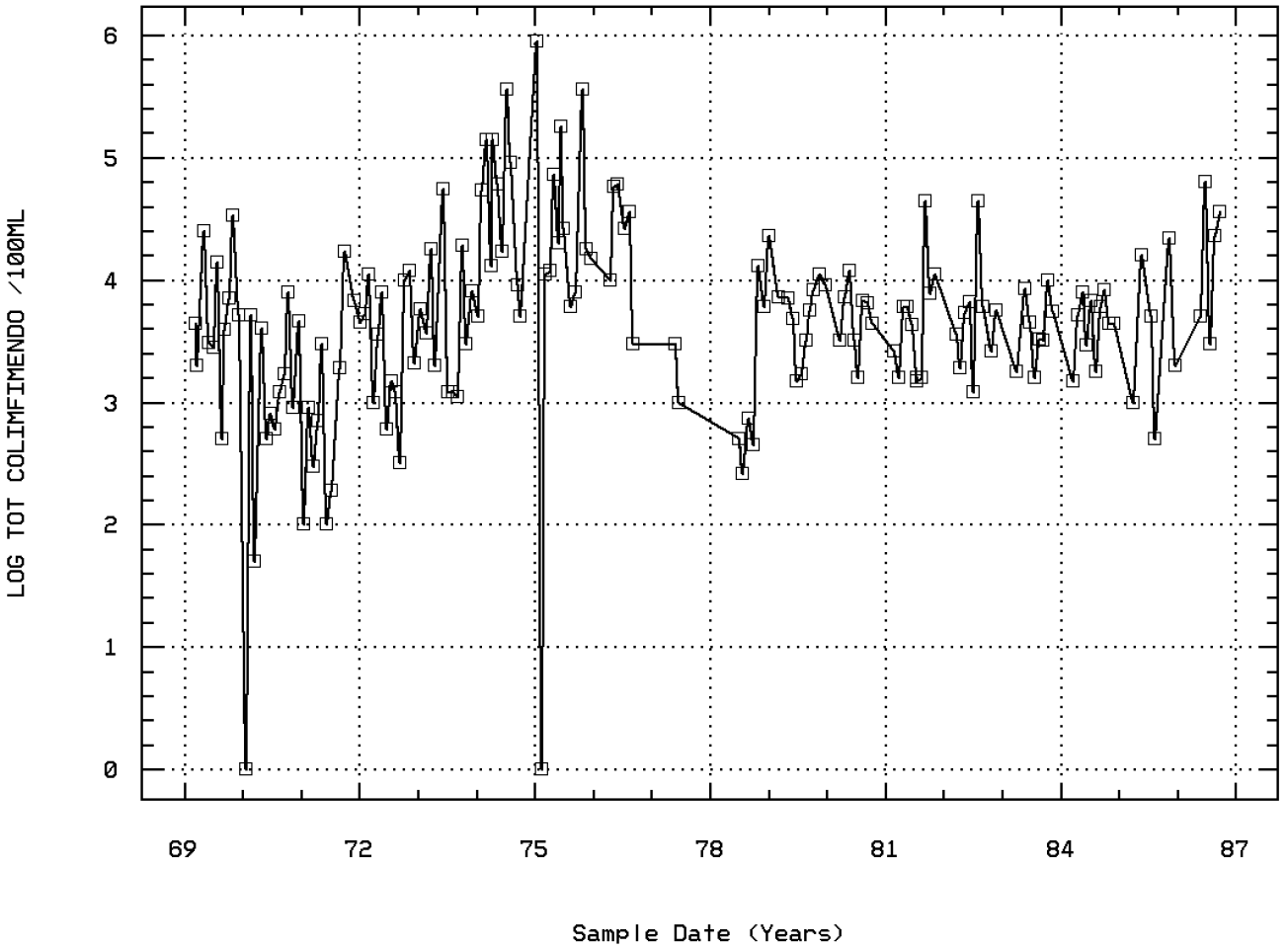
NITRITE NITROGEN, TOTAL (MG/L AS N)



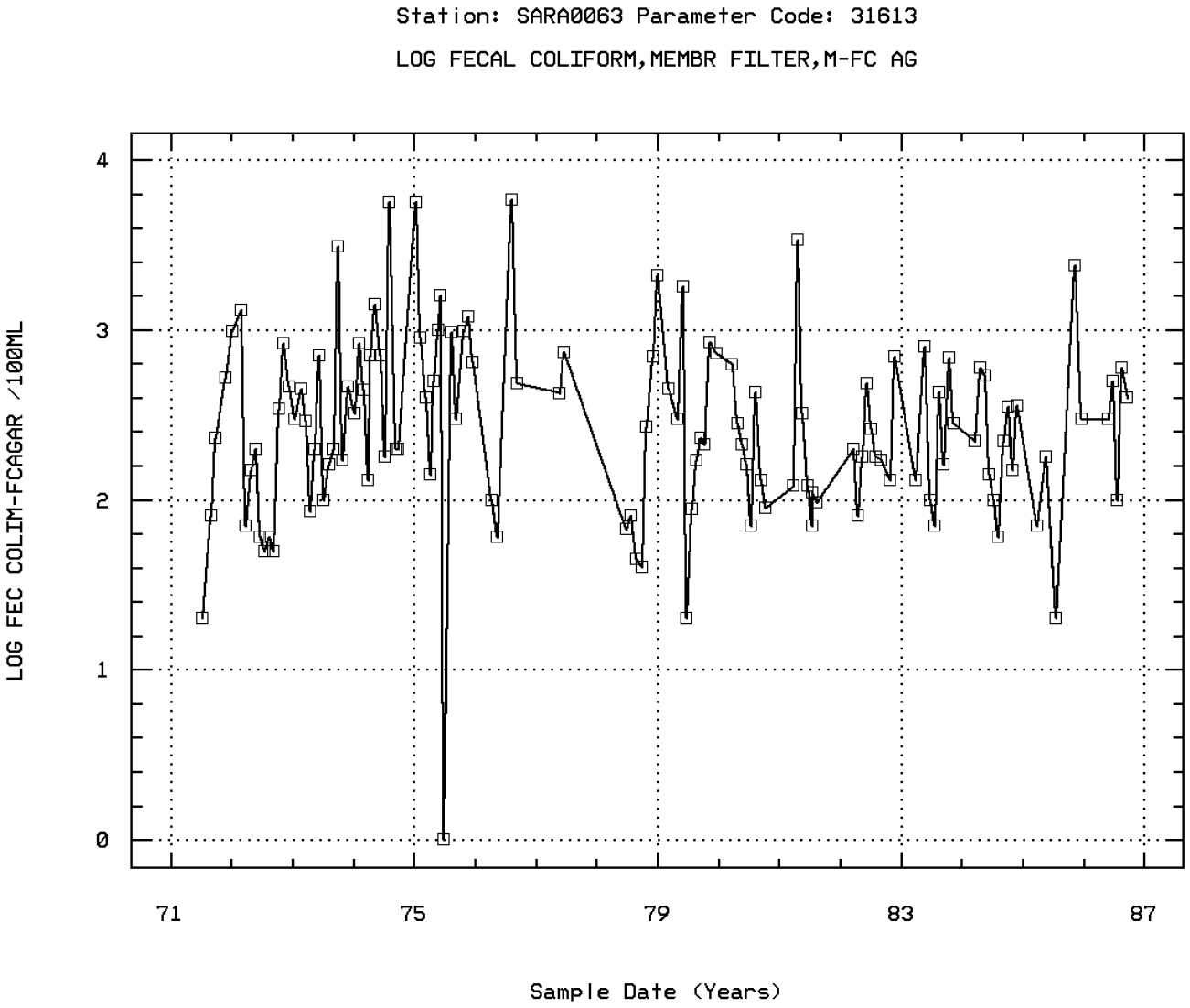
U.HUDSON R. IN STILLWATER @ RT.67 BR.

Station: SARA0063 Parameter Code: 31501

LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.



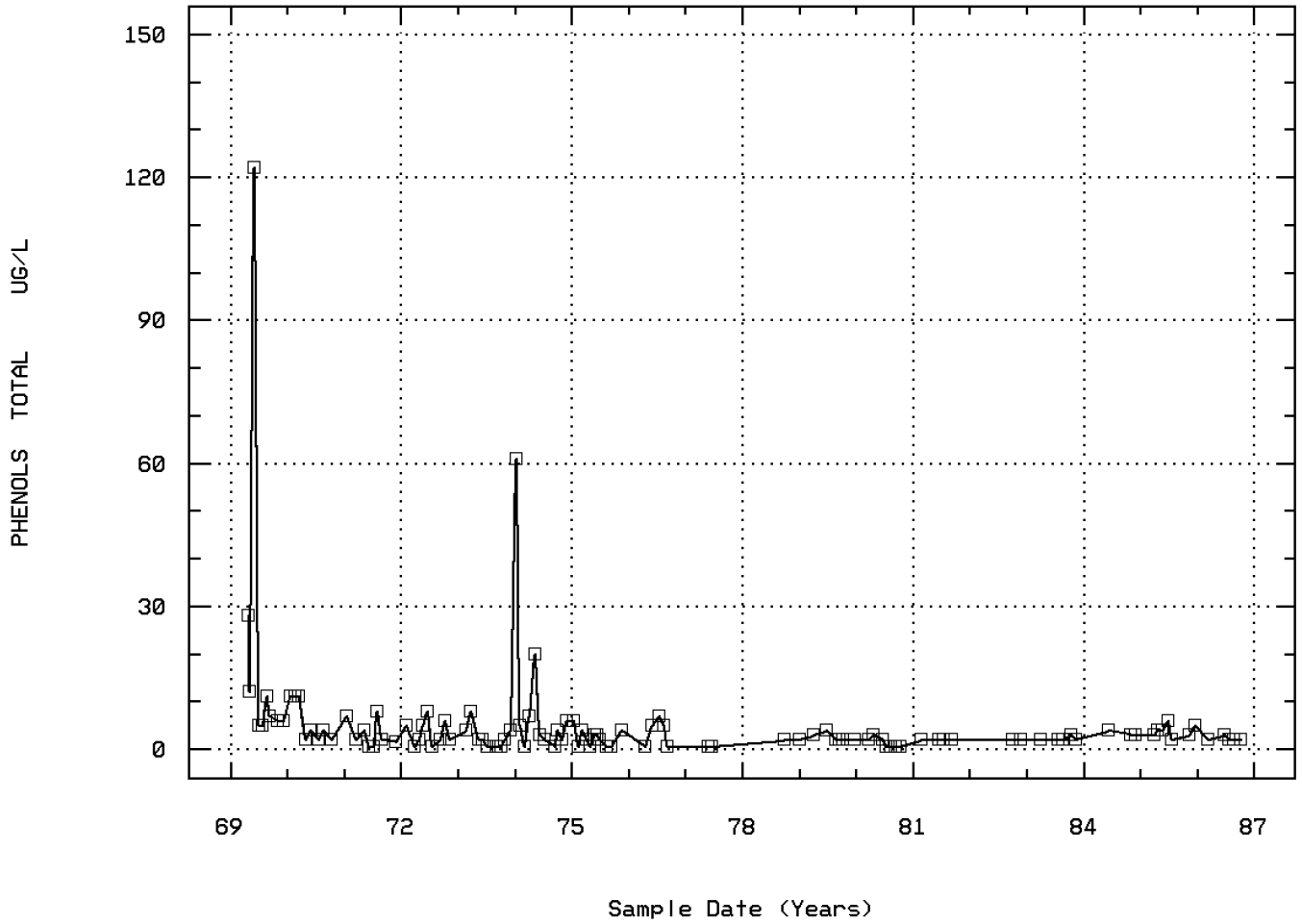
U.HUDSON R. IN STILLWATER @ RT.67 BR.



U.HUDSON R. IN STILLWATER @ RT.67 BR.

Station: SARA0063 Parameter Code: 32730

PHENOLICS, TOTAL, RECOVERABLE (UG/L)



U.HUDSON R. IN STILLWATER @ RT.67 BR.

Annual Analysis for 1969 - Station SARA0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/10/69-11/12/86	14	10.5	12.143	23.	0.	69.055	8.31	1.5	4.	22.	23.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/10/69-11/12/86	3	10.	8.667	13.	3.	26.333	5.132	**	**	**	**
00032	CLOUD COVER (PERCENT)	03/10/69-11/12/86	3	20.	39.667	99.	0.	2740.333	52.348	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/15/69-09/09/76	11	8.	9.909	24.	1.	45.091	6.715	1.4	5.	15.	22.4
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/10/69-11/12/86	14	106.	110.286	157.	89.	403.912	20.098	89.5	94.	127.	147.5
00300p	OXYGEN, DISSOLVED MG/L	03/10/69-11/12/86	14	9.	8.829	12.8	4.	11.271	3.357	4.3	5.25	12.1	12.8
00310	BOD, 5 DAY, 20 DEG C MG/L	06/04/69-11/12/86	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
00315	BOD, 7 DAY, 20 DEG C MG/L	04/15/69-08/19/86	10	3.6	3.64	5.2	1.6	1.207	1.099	1.7	2.9	4.65	5.16
00335	COD, .025N K2CR2O7 MG/L	03/10/69-04/30/86	14	14.5	12.736	19.	3.	22.646	4.759	3.2	9.85	16.	17.75
00400p	PH (STANDARD UNITS)	04/15/69-11/12/86	11	7.2	7.191	7.6	6.8	0.083	0.288	6.8	6.9	7.5	7.58
00400p	CONVERTED PH (STANDARD UNITS)	04/15/69-11/12/86	11	7.2	7.107	7.6	6.8	0.091	0.301	6.8	6.9	7.5	7.58
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/15/69-11/12/86	11	0.063	0.078	0.158	0.025	0.002	0.05	0.026	0.032	0.126	0.158
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/10/69-11/12/86	14	12.5	16.786	46.	4.	176.027	13.268	4.5	6.	18.75	45.5
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/10/69-11/12/86	14	7.	9.786	44.	1.	129.412	11.376	1.5	2.75	11.75	33.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/10/69-11/12/86	14	0.15	0.219	0.54	0.01	0.031	0.177	0.025	0.069	0.408	0.499
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/10/69-11/12/86	14	0.001	0.005	0.017	0.001	0.	0.005	0.001	0.001	0.008	0.014
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/10/69-11/12/86	14	36.	38.857	56.	29.	73.363	8.565	29.5	32.75	46.5	54.
00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/10/69-10/08/80	14	6.	6.143	9.	3.	2.286	1.512	4.	5.	7.	8.5
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/10/69-09/18/86	11	4400.	9272.727	34000.	500.	116490181.818	10793.062	800.	2800.	14000.	32200.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/10/69-09/18/86	11	3.643	3.711	4.531	2.699	0.268	0.518	2.819	3.447	4.146	4.505
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			5134.893								
32730p	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	04/23/69-11/12/86	9	7.	22.444	122.	5.	1446.278	38.03	5.	5.5	20.	122.

** - Less than 9 observations ## - Computed with 50% or 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 SARA0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/10/69-11/12/86	11	16.	12.273	24.	0.	80.218	8.956	0.	1.	20.	23.6
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/15/69-09/09/76	12	9.05	7.675	13.	1.	22.613	4.755	1.	2.25	12.	13.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/10/69-11/12/86	12	104.	103.333	130.	62.	286.242	16.919	71.	95.5	115.5	125.8
00300p	OXYGEN, DISSOLVED MG/L	03/10/69-11/12/86	12	8.	8.333	13.8	3.	13.973	3.738	3.42	5.1	11.75	13.68
00315	BOD, 7 DAY, 20 DEG C MG/L	04/15/69-08/19/86	12	2.6	3.333	7.2	1.6	3.166	1.779	1.66	2.2	4.5	6.84
00335	COD, .025N K2CR2O7 MG/L	03/10/69-04/30/86	12	13.	14.583	38.	2.	88.811	9.424	3.2	8.75	17.75	34.1
00400p	PH (STANDARD UNITS)	04/15/69-11/12/86	12	7.15	7.108	7.4	6.5	0.059	0.243	6.65	7.	7.275	7.4
00400p	CONVERTED PH (STANDARD UNITS)	04/15/69-11/12/86	12	7.147	7.032	7.4	6.5	0.065	0.256	6.65	7.	7.275	7.4
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/15/69-11/12/86	12	0.071	0.093	0.316	0.04	0.005	0.074	0.04	0.053	0.1	0.251
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/10/69-11/12/86	12	10.	12.917	30.	6.	51.538	7.179	6.3	7.5	18.5	27.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/10/69-11/12/86	10	5.5	6.5	13.	2.	16.278	4.035	2.	2.75	9.75	12.9
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/10/69-11/12/86	12	0.375	0.581	2.64	0.035	0.47	0.685	0.079	0.259	0.55	2.128
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/10/69-11/12/86	12	0.018	0.133	1.22	0.003	0.119	0.345	0.005	0.01	0.053	0.904
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/10/69-11/12/86	12	36.	35.917	47.	24.	35.902	5.992	25.8	33.25	39.	46.1
00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/10/69-10/08/80	12	5.	6.	12.	2.	6.545	2.558	2.6	5.	7.	11.1
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/10/69-09/18/86	12	1050.	2295.833	8000.	0.	6485662.879	2546.696	15.	525.	4450.	7160.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/10/69-09/18/86	12	3.017	2.852	3.903	0.	1.161	1.078	0.51	2.719	3.648	3.847
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			711.618								
32730p	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	04/23/69-11/12/86	10	3.	4.9	11.	1.	18.767	4.332	1.	1.75	11.	11.

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Annual Analysis for 1971 - Station SARA0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/10/69-11/12/86	8	18.75	15.788	25.	4.	73.318	8.563	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/10/69-11/12/86	5	26.	22.4	33.	1.	152.8	12.361	**	**	**	**

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Annual Analysis for 1971 - Station SARA0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00032	CLOUD COVER (PERCENT)	03/10/69-11/12/86	5	60.	61.	95.	10.	1180.	34.351	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/15/69-09/09/76	11	7.8	9.527	20.	2.4	38.912	6.238	2.56	3.7	17.	19.4
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/10/69-11/12/86	10	106.5	100.6	131.	61.	420.933	20.517	62.5	88.	112.75	129.7
00300p	OXYGEN, DISSOLVED MG/L	03/10/69-11/12/86	11	11.4	9.836	13.2	4.6	10.181	3.191	4.9	6.6	12.6	13.16
00310	BOD, 5 DAY, 20 DEG C MG/L	06/04/69-11/12/86	3	2.1	2.7	4.9	1.1	3.88	1.97	**	**	**	**
00315	BOD, 7 DAY, 20 DEG C MG/L	04/15/69-08/19/86	7	3.6	3.714	6.	2.	1.698	1.303	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	03/10/69-04/30/86	10	21.	19.9	31.	9.	56.544	7.52	9.1	12.25	25.75	30.7
00400p	PH (STANDARD UNITS)	04/15/69-11/12/86	11	7.2	7.236	7.7	7.	0.049	0.22	7.	7.1	7.4	7.66
00400p	CONVERTED PH (STANDARD UNITS)	04/15/69-11/12/86	11	7.2	7.193	7.7	7.	0.051	0.225	7.	7.1	7.4	7.66
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/15/69-11/12/86	11	0.063	0.064	0.1	0.02	0.001	0.027	0.022	0.04	0.079	0.1
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/10/69-11/12/86	9	19.	19.444	29.	6.	71.278	8.443	6.	11.5	27.	29.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/10/69-11/12/86	8	9.	9.	18.	1.	53.714	7.329	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/10/69-11/12/86	10	0.277	0.373	0.831	0.031	0.075	0.275	0.041	0.164	0.677	0.818
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/10/69-11/12/86	10	0.014	0.027	0.09	0.007	0.001	0.027	0.007	0.009	0.041	0.086
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/10/69-11/12/86	10	38.	38.1	50.	23.	72.1	8.491	23.6	32.75	45.25	49.6
00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/10/69-10/08/80	10	5.5	5.3	7.	2.	2.233	1.494	2.2	4.75	6.25	7.
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/10/69-09/18/86	10	800.	3089.	17000.	100.	28058543.333	5297.032	100.	167.5	3925.	15970.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/10/69-09/18/86	10	2.9	2.937	4.23	2.	0.587	0.766	2.	2.209	3.564	4.19
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			864.493								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	07/07/71-09/18/86	4	155.	212.5	520.	20.	49825.	223.215	**	**	**	**
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	07/07/71-09/18/86	4	2.132	2.07	2.716	1.301	0.374	0.611	**	**	**	**
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			117.615								
32730p	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	04/23/69-11/12/86	10	1.75	2.75	8.	0.5	7.347	2.711	0.5	0.875	4.75	7.9

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Annual Analysis for 1972 - Station SARA0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/10/69-11/12/86	12	11.	11.725	26.5	0.5	91.635	9.573	0.5	1.5	21.425	25.15
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/10/69-11/12/86	13	16.	15.692	30.	-5.	129.272	11.37	4.2	1.	26.5	29.8
00032	CLOUD COVER (PERCENT)	03/10/69-11/12/86	13	80.	61.923	95.	5.	1243.91	35.269	7.	22.5	90.	93.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/15/69-09/09/76	13	4.7	5.023	8.3	2.1	3.739	1.934	2.46	3.85	6.6	8.3
00300p	OXYGEN, DISSOLVED MG/L	03/10/69-11/12/86	13	11.2	11.277	15.	6.8	9.865	3.141	7.04	7.9	14.35	14.96
00310	BOD, 5 DAY, 20 DEG C MG/L	06/04/69-11/12/86	12	2.7	2.942	6.3	1.6	2.181	1.477	1.63	1.75	3.2	6.03
00315	BOD, 7 DAY, 20 DEG C MG/L	04/15/69-08/19/86	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
00400p	PH (STANDARD UNITS)	04/15/69-11/12/86	5	7.	6.92	7.	6.7	0.017	0.13	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	04/15/69-11/12/86	5	7.	6.903	7.	6.7	0.017	0.132	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/15/69-11/12/86	5	0.1	0.125	0.2	0.1	0.002	0.043	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/10/69-11/12/86	1	8.	8.	8.	8.	0.	0.	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/10/69-09/18/86	13	3600.	4701.538	12000.	320.	17708697.436	4208.17	432.	1100.	9000.	11600.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/10/69-09/18/86	13	3.556	3.448	4.079	2.505	0.263	0.513	2.614	3.04	3.952	4.064
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2802.577								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	07/07/71-09/18/86	12	175.	379.167	1300.	50.	183717.424	428.623	50.	60.	737.5	1204.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	07/07/71-09/18/86	12	2.239	2.291	3.114	1.699	0.291	0.539	1.699	1.778	2.855	3.077
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			195.544								
32730p	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	04/23/69-11/12/86	13	2.	2.692	8.	0.5	6.022	2.454	0.5	1.	5.	7.2

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Annual Analysis for 1973 - Station SARA0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/10/69-11/12/86	12	12.65	13.817	28.5	1.	108.002	10.392	1.15	2.9	25.25	28.05
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/10/69-11/12/86	12	17.5	19.192	36.	7.5	106.532	10.321	7.65	8.625	29.625	34.35

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Annual Analysis for 1973 - Station SARA0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00032	CLOUD COVER (PERCENT)	03/10/69-11/12/86	11	80.	60.182	99.	10.	1438.764	37.931	10.	20.	99.	99.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/15/69-09/09/76	12	5.1	5.025	7.2	3.2	2.04	1.428	3.23	3.55	6.4	7.05
00300p	OXYGEN, DISSOLVED MG/L	03/10/69-11/12/86	11	9.	10.291	14.4	5.8	9.285	3.047	6.16	8.	14.	14.4
00310	BOD, 5 DAY, 20 DEG C MG/L	06/04/69-11/12/86	6	1.35	1.583	3.	1.	0.522	0.722	**	**	**	**
00315	BOD, 7 DAY, 20 DEG C MG/L	04/15/69-08/19/86	6	2.	2.1	2.6	1.7	0.14	0.374	**	**	**	**
00400p	PH (STANDARD UNITS)	04/15/69-11/12/86	10	7.05	7.04	7.5	6.6	0.072	0.267	6.61	6.85	7.225	7.48
00400p	CONVERTED PH (STANDARD UNITS)	04/15/69-11/12/86	10	7.047	6.966	7.5	6.6	0.078	0.279	6.61	6.85	7.225	7.48
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/15/69-11/12/86	10	0.09	0.108	0.251	0.032	0.005	0.068	0.033	0.06	0.144	0.246
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/10/69-11/12/86	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/10/69-09/18/86	11	3700.	10736.364	55000.	1100.	257206545.455	16037.66	1120.	1200.	18000.	47800.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/10/69-09/18/86	11	3.568	3.681	4.74	3.041	0.32	0.566	3.049	3.079	4.255	4.648
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4798.751								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	07/07/71-09/18/86	12	245.	517.917	3100.	85.	692824.811	832.361	89.5	162.5	457.5	2380.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	07/07/71-09/18/86	12	2.382	2.463	3.491	1.929	0.177	0.421	1.951	2.211	2.66	3.297
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			290.514								
32730p	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	04/23/69-11/12/86	11	2.	2.318	8.	0.5	5.164	2.272	0.5	0.5	4.	7.2

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Annual Analysis for 1974 - Station SARA0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/10/69-11/12/86	10	8.1	10.88	25.	0.3	94.433	9.718	0.37	2.275	21.225	24.99
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/10/69-11/12/86	10	10.75	12.92	37.2	-6.8	202.813	14.241	4.79	-6.625	25.55	36.5
00032	CLOUD COVER (PERCENT)	03/10/69-11/12/86	10	65.	64.5	95.	15.	763.611	27.634	17.	38.75	90.	94.5
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/15/69-09/09/76	5	4.7	9.22	26.	3.9	89.257	9.448	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	03/10/69-11/12/86	10	11.1	10.86	14.8	6.6	9.129	3.021	6.64	7.75	14.	14.72
00310	BOD, 5 DAY, 20 DEG C MG/L	06/04/69-11/12/86	2	2.55	2.55	3.1	2.	0.605	0.778	**	**	**	**
00315	BOD, 7 DAY, 20 DEG C MG/L	04/15/69-08/19/86	2	2.3	2.3	2.4	2.2	0.02	0.141	**	**	**	**
00400p	PH (STANDARD UNITS)	04/15/69-11/12/86	7	7.	7.157	7.5	6.7	0.096	0.31	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	04/15/69-11/12/86	7	7.	7.065	7.5	6.7	0.106	0.326	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/15/69-11/12/86	7	0.1	0.086	0.2	0.032	0.004	0.06	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/10/69-11/12/86	6	41.5	42.167	58.	33.	87.767	9.368	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/10/69-09/18/86	11	54000.	81181.818	360000.	5000.11	15096363	6.364	105598.123	5000.	9000.	140000.	316000.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/10/69-09/18/86	11	4.732	4.546	5.556	3.699	0.407	0.638	3.699	3.954	5.146	5.474
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			35184.91								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	07/07/71-09/18/86	11	440.	972.727	5600.	130.	2500601.818	1581.329	140.	200.	830.	4760.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	07/07/71-09/18/86	11	2.643	2.693	3.748	2.114	0.229	0.478	2.142	2.301	2.919	3.628
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			493.222								
32730p	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	04/23/69-11/12/86	14	2.5	8.143	61.	0.5	256.863	16.027	0.5	1.	6.25	40.5

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Annual Analysis for 1975 - Station SARA0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/10/69-11/12/86	3	7.5	7.333	12.5	2.	27.583	5.252	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/10/69-11/12/86	3	10.	7.567	15.	-2.3	79.263	8.903	**	**	**	**
00032	CLOUD COVER (PERCENT)	03/10/69-11/12/86	3	90.	93.	99.	90.	27.	5.196	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/15/69-09/09/76	7	4.	4.143	5.	3.	0.476	0.69	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/10/69-11/12/86	7	187.	188.	312.	87.	7898.667	88.874	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	03/10/69-11/12/86	3	12.	11.6	13.	9.8	2.68	1.637	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	06/04/69-11/12/86	6	1.15	1.367	2.8	0.5	0.619	0.787	**	**	**	**
00315	BOD, 7 DAY, 20 DEG C MG/L	04/15/69-08/19/86	9	2.2	2.089	3.2	0.5	0.699	0.836	0.5	1.55	2.8	3.2
00335	COD, .025N K2CR2O7 MG/L	03/10/69-04/30/86	7	12.	13.714	20.	10.	12.238	3.498	**	**	**	**

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Annual Analysis for 1975 - Station SARA0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400p	PH (STANDARD UNITS)	04/15/69-11/12/86	3	7.6	7.6	7.8	7.4	0.04	0.2	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	04/15/69-11/12/86	3	7.6	7.57	7.8	7.4	0.041	0.203	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/15/69-11/12/86	3	0.025	0.027	0.04	0.016	0.	0.012	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/10/69-11/12/86	6	6.	8.167	18.	3.	33.367	5.776	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/11/75-11/12/86	2	9.5	9.5	11.	8.	4.5	2.121	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/10/69-11/12/86	6	3.5	3.5	7.	1.	4.3	2.074	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/10/69-11/12/86	7	0.21	0.244	0.46	0.1	0.015	0.122	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/10/69-11/12/86	7	0.008	0.01	0.018	0.005	0.	0.005	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/10/69-10/08/80	7	5.	5.143	7.	4.	1.143	1.069	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/10/69-09/18/86	13	18000.	124461.538	890000.	0.	63324602564.103	251643.801	2400.	9500.	126000.	678000.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/10/69-09/18/86	13	4.255	4.197	5.949	0.	2.038	1.427	1.511	3.972	5.056	5.792
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			15757.904								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	07/07/71-09/18/86	13	900.	1093.846	5600.	0.	2035558.974	1426.73	56.	350.	1100.	4000.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	07/07/71-09/18/86	13	2.954	2.668	3.748	0.	0.789	0.888	0.858	2.54	3.04	3.531
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			466.055								
32730p	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	04/23/69-11/12/86	13	2.	2.154	6.	0.5	3.058	1.749	0.5	0.5	3.5	5.2

** - 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 1976 - Station SARA0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/10/69-11/12/86	7	17.2	14.071	21.5	2.	53.682	7.327	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/10/69-11/12/86	6	20.2	18.967	25.	11.2	40.655	6.376	**	**	**	**
00032	CLOUD COVER (PERCENT)	03/10/69-11/12/86	5	10.	20.	70.	5.	787.5	28.062	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/15/69-09/09/76	8	4.	7.125	30.	1.	89.268	9.448	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/12/76-11/12/86	2	17.	17.	30.	4.	338.	18.385	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/10/69-11/12/86	8	97.	140.875	474.	75.	18315.554	135.335	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	03/10/69-11/12/86	7	9.2	9.543	13.6	6.4	6.85	2.617	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	06/04/69-11/12/86	6	1.4	1.433	1.8	1.2	0.055	0.234	**	**	**	**
00315	BOD, 7 DAY, 20 DEG C MG/L	04/15/69-08/19/86	6	2.25	1.983	2.4	1.3	0.246	0.496	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	03/10/69-04/30/86	8	10.	12.375	22.	5.	41.125	6.413	**	**	**	**
00400p	PH (STANDARD UNITS)	04/15/69-11/12/86	7	7.6	7.557	7.8	7.2	0.066	0.257	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	04/15/69-11/12/86	7	7.6	7.492	7.8	7.2	0.071	0.267	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/15/69-11/12/86	7	0.025	0.032	0.063	0.016	0.	0.019	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/10/69-11/12/86	8	4.	6.625	29.	1.	83.982	9.164	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/11/75-11/12/86	3	1.	1.667	3.	1.	1.333	1.155	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/10/69-11/12/86	8	1.	4.375	23.	1.	58.554	7.652	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/10/69-11/12/86	8	0.14	0.186	0.5	0.02	0.023	0.151	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/10/69-11/12/86	8	0.007	0.258	2.	0.003	0.495	0.704	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/10/69-10/08/80	8	4.	3.875	5.	3.	0.696	0.835	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/10/69-09/18/86	6	31000.	32166.667	60000.	3000.	567366666.667	23819.46	**	**	**	**
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/10/69-09/18/86	6	4.486	4.332	4.778	3.477	0.257	0.507	**	**	**	**
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			21461.631								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	07/07/71-09/18/86	4	290.	1610.	5800.	60.	7838533.333	2799.738	**	**	**	**
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	07/07/71-09/18/86	4	2.341	2.556	3.763	1.778	0.796	0.892	**	**	**	**
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			359.505								
32730p	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	04/23/69-11/12/86	7	1.	2.786	7.	0.5	7.738	2.782	**	**	**	**

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Annual Analysis for 1977 - Station SARA0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/10/69-11/12/86	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/10/69-11/12/86	1	16.4	16.4	16.4	16.4	0.	0.	**	**	**	**
00032	CLOUD COVER (PERCENT)	03/10/69-11/12/86	1	40.	40.	40.	40.	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/12/76-11/12/86	2	3.	3.	3.	3.	0.	0.	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/10/69-11/12/86	2	131.	131.	162.	100.	1922.	43.841	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	03/10/69-11/12/86	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	06/04/69-11/12/86	2	1.75	1.75	2.2	1.3	0.405	0.636	**	**	**	**
00315	BOD, 7 DAY, 20 DEG C MG/L	04/15/69-08/19/86	2	2.35	2.35	2.9	1.8	0.605	0.778	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	03/10/69-04/30/86	2	19.	19.	22.	16.	18.	4.243	**	**	**	**
00400p	PH (STANDARD UNITS)	04/15/69-11/12/86	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	04/15/69-11/12/86	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/15/69-11/12/86	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/10/69-11/12/86	2 ##	2.25	2.25	4.	0.5	6.125	2.475	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/10/69-11/12/86	2 ##	1.75	1.75	3.	0.5	3.125	1.768	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/10/69-11/12/86	2	0.335	0.335	0.45	0.22	0.026	0.163	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/10/69-11/12/86	2	0.041	0.041	0.058	0.024	0.001	0.024	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/26/77-11/12/86	2	0.72	0.72	0.8	0.64	0.013	0.113	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/10/69-10/08/80	2	5.5	5.5	7.	4.	4.5	2.121	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/10/69-09/18/86	2	2000.	2000.	3000.	1000.	2000000.	1414.214	**	**	**	**
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/10/69-09/18/86	2	3.239	3.239	3.477	3.	0.114	0.337	**	**	**	**
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1732.051								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	07/07/71-09/18/86	2	580.	580.	740.	420.	51200.	226.274	**	**	**	**
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	07/07/71-09/18/86	2	2.746	2.746	2.869	2.623	0.03	0.174	**	**	**	**
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			557.494								
32730p	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	04/23/69-11/12/86	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/26/77-11/12/86	2	0.065	0.065	0.07	0.06	0.	0.007	**	**	**	**

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Annual Analysis for 1978 - Station SARA0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/10/69-11/12/86	6	18.9	16.55	26.	2.5	79.815	8.934	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/10/69-11/12/86	6	20.25	20.133	31.5	6.	87.047	9.33	**	**	**	**
00032	CLOUD COVER (PERCENT)	03/10/69-11/12/86	6	35.	49.	99.	10.	1484.	38.523	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/12/76-11/12/86	5	3.7	3.72	4.9	2.7	0.972	0.986	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/10/69-11/12/86	6	112.5	110.	125.	90.	190.	13.784	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	03/10/69-11/12/86	6	7.7	8.667	12.4	7.	4.539	2.13	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	06/04/69-11/12/86	5	2.1	2.38	4.2	1.3	1.227	1.108	**	**	**	**
00315	BOD, 7 DAY, 20 DEG C MG/L	04/15/69-08/19/86	5	2.6	2.96	5.6	1.6	2.363	1.537	**	**	**	**
00400p	PH (STANDARD UNITS)	04/15/69-11/12/86	6	6.9	6.967	7.2	6.7	0.039	0.197	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	04/15/69-11/12/86	6	6.9	6.931	7.2	6.7	0.04	0.2	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/15/69-11/12/86	6	0.126	0.117	0.2	0.063	0.003	0.051	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/27/78-12/19/85	5	28.	29.	34.	26.	12.	3.464	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/10/69-11/12/86	6	10.	22.5	94.	5.	1231.9	35.098	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/11/75-11/12/86	6	4.5	19.333	93.	2.	1311.067	36.209	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/10/69-11/12/86	6	3.5	3.25	6.	0.5	4.775	2.185	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/10/69-11/12/86	5	0.32	0.282	0.36	0.11	0.01	0.102	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/10/69-11/12/86	6	0.017	0.017	0.028	0.007	0.	0.007	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/26/77-11/12/86	6	0.5	0.465	0.65	0.2	0.023	0.153	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/10/69-10/08/80	6	6.5	6.333	8.	5.	1.467	1.211	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/10/69-09/18/86	6	615.	3490.	13000.	260.	26594480.	5156.984	**	**	**	**
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/10/69-09/18/86	6	2.781	3.087	4.114	2.415	0.475	0.689	**	**	**	**
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1222.069								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	07/07/71-09/18/86	6	73.5	198.667	690.	40.	65340.667	255.618	**	**	**	**
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	07/07/71-09/18/86	6	1.865	2.042	2.839	1.602	0.239	0.489	**	**	**	**
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			110.266								

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Annual Analysis for 1978 - Station SARA0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32730p	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	04/23/69-11/12/86	4 ##	1.	1.25	2.	1.	0.25	0.5	**	**	**	**
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/26/77-11/12/86	6	0.02	0.023	0.03	0.02	0.	0.005	**	**	**	**

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Annual Analysis for 1979 - Station SARA0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/10/69-11/12/86	9	10.5	10.733	22.	0.1	61.553	7.846	0.1	3.25	18.75	22.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/10/69-11/12/86	10	11.25	9.4	27.	-13.	169.1	13.004	6.05	6.875	24.75	-9.
00032	CLOUD COVER (PERCENT)	03/10/69-11/12/86	10	50.	57.4	99.	5.	1362.711	36.915	6.5	21.5	99.	99.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/12/76-11/12/86	11	4.2	11.964	72.	2.2	438.763	20.947	2.24	2.6	6.5	62.6
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/10/69-11/12/86	12	105.	178.417	913.	54.	55576.083	235.746	60.9	88.25	129.	711.1
00300p	OXYGEN, DISSOLVED MG/L	03/10/69-11/12/86	9	11.	10.956	16.	7.4	8.678	2.946	7.4	8.2	13.5	16.
00310	BOD, 5 DAY, 20 DEG C MG/L	06/04/69-11/12/86	8	2.5	2.65	4.5	1.2	1.229	1.108	**	**	**	**
00315	BOD, 7 DAY, 20 DEG C MG/L	04/15/69-08/19/86	11	3.	3.182	5.7	1.6	1.194	1.093	1.72	2.5	3.9	5.36
00400p	PH (STANDARD UNITS)	04/15/69-11/12/86	10	7.1	7.07	7.6	6.5	0.209	0.457	6.5	6.575	7.525	7.6
00400p	CONVERTED PH (STANDARD UNITS)	04/15/69-11/12/86	10	7.055	6.873	7.6	6.5	0.252	0.502	6.5	6.575	7.525	7.6
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/15/69-11/12/86	10	0.088	0.134	0.316	0.025	0.015	0.121	0.025	0.03	0.267	0.316
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/27/78-12/19/85	12	22.5	22.917	31.	9.	39.72	6.302	11.1	20.5	28.5	31.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/10/69-11/12/86	12	7.	20.042	91.	0.5	796.203	28.217	0.95	2.5	38.5	79.3
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/11/75-11/12/86	12	3.	4.5	13.	0.5	15.682	3.96	0.5	2.	7.5	12.1
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/10/69-11/12/86	12	4.5	15.792	78.	0.5	639.066	25.28	0.5	0.5	29.	69.6
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/10/69-11/12/86	12	0.14	0.168	0.41	0.081	0.008	0.088	0.087	0.11	0.195	0.356
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/26/77-11/12/86	10	0.4	0.449	0.73	0.2	0.03	0.174	0.21	0.3	0.583	0.728
00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/10/69-10/08/80	12	6.	6.167	11.	3.	6.515	2.552	3.	4.	8.5	10.4
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/10/69-09/18/86	11	7000.	7490.909	23000.	1500.	35470909.091	5955.746	1540.	3200.	9000.	20600.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/10/69-09/18/86	11	3.845	3.757	4.362	3.176	0.121	0.349	3.187	3.505	3.954	4.298
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			5713.568								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	07/07/71-09/18/86	11	300.	631.636	2100.	20.	494333.455	703.089	33.6	170.	850.	2040.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	07/07/71-09/18/86	11	2.477	2.515	3.322	1.301	0.345	0.588	1.43	2.23	2.929	3.309
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			327.031								
32730p	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	04/23/69-11/12/86	11	2.	1.909	4.	1.	0.891	0.944	1.	1.	2.	3.8
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/26/77-11/12/86	12	0.03	0.034	0.1	0.01	0.001	0.024	0.01	0.02	0.04	0.082

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Annual Analysis for 1980 - Station SARA0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/10/69-11/12/86	8	18.25	17.25	26.	3.5	60.214	7.76	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/10/69-11/12/86	8	18.	19.	32.	4.	81.714	9.04	**	**	**	**
00032	CLOUD COVER (PERCENT)	03/10/69-11/12/86	8	60.	59.25	99.	5.	941.643	30.686	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/12/76-11/12/86	8	1.55	2.488	8.6	1.	6.247	2.499	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/10/69-11/12/86	8	115.	145.375	378.	91.	8994.839	94.841	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	03/10/69-11/12/86	7	7.6	8.229	11.4	6.4	2.606	1.614	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	06/04/69-11/12/86	5	2.	2.52	4.	1.6	0.952	0.976	**	**	**	**
00315	BOD, 7 DAY, 20 DEG C MG/L	04/15/69-08/19/86	8	2.65	2.588	4.	1.	0.776	0.881	**	**	**	**
00400p	PH (STANDARD UNITS)	04/15/69-11/12/86	8	7.5	7.425	7.7	6.9	0.076	0.276	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	04/15/69-11/12/86	8	7.5	7.334	7.7	6.9	0.086	0.293	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/15/69-11/12/86	8	0.032	0.046	0.126	0.02	0.001	0.037	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/27/78-12/19/85	8	21.	26.563	82.	0.5	564.246	23.754	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/10/69-11/12/86	8	7.	19.438	100.	0.5	1120.96	33.481	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/11/75-11/12/86	8	4.5	7.938	40.	0.5	171.888	13.111	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/10/69-11/12/86	8 ##	2.25	11.75	60.	0.5	428.929	20.711	**	**	**	**

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Annual Analysis for 1980 - Station SARA0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/10/69-11/12/86	8	0.082	0.097	0.22	0.033	0.004	0.061	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/10/69-11/12/86	8	0.01	0.01	0.013	0.005	0.	0.003	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/26/77-11/12/86	7	0.4	0.476	0.76	0.3	0.029	0.169	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/10/69-10/08/80	8	5.5	6.125	10.	4.	3.554	1.885	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/10/69-09/18/86	8	5400.	5600.	12000.	1600.	10651428.571	3263.653	**	**	**	**
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/10/69-09/18/86	8	3.725	3.679	4.079	3.204	0.074	0.272	**	**	**	**
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4776.771								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	07/07/71-09/18/86	8	185.	248.75	620.	70.	36041.071	189.845	**	**	**	**
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	07/07/71-09/18/86	8	2.263	2.289	2.792	1.845	0.106	0.326	**	**	**	**
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			194.572								
32730p	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	04/23/69-11/12/86	8	## 0.75	1.25	3.	0.5	0.929	0.964	**	**	**	**
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/26/77-11/12/86	8	0.03	0.032	0.08	0.005	0.	0.022	**	**	**	**

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Annual Analysis for 1981 - Station SARA0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/10/69-11/12/86	12	110.	111.167	143.	87.	247.606	15.736	89.4	96.5	122.5	137.9
00310	BOD, 5 DAY, 20 DEG C MG/L	06/04/69-11/12/86	11	2.8	2.464	3.	1.3	0.317	0.563	1.42	2.	2.9	3.
00315	BOD, 7 DAY, 20 DEG C MG/L	04/15/69-08/19/86	11	3.	2.882	3.5	1.6	0.372	0.61	1.68	2.7	3.3	3.5
00335	COD, .025N K2CR2O7 MG/L	03/10/69-04/30/86	11	15.9	16.127	23.	12.2	8.136	2.852	12.56	14.	18.	22.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/27/78-12/19/85	12	19.5	19.917	25.	13.	14.447	3.801	13.3	18.25	22.75	25.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/10/69-11/12/86	11	3.	6.	20.	1.	32.6	5.71	1.	2.	9.	18.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/11/75-11/12/86	11	2.	3.818	11.	1.	11.364	3.371	1.	1.	7.	10.4
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/10/69-11/12/86	7	2.	3.571	9.	1.	8.952	2.992	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/10/69-11/12/86	12	0.08	0.089	0.17	0.033	0.002	0.044	0.033	0.057	0.133	0.161
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/10/69-11/12/86	12	0.008	0.011	0.031	0.005	0.	0.008	0.005	0.005	0.016	0.027
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/26/77-11/12/86	12	0.455	0.444	0.67	0.25	0.014	0.116	0.268	0.35	0.52	0.631
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/10/69-09/18/86	11	4300.	8009.091	44000.	1500.	152062909.091	12331.379	1520.	1600.	7800.	37400.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/10/69-09/18/86	11	3.633	3.634	4.643	3.176	0.211	0.459	3.182	3.204	3.892	4.523
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4308.254								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	07/07/71-09/18/86	7	120.	605.143	3400.	70.	1525671.81	1235.181	**	**	**	**
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	07/07/71-09/18/86	7	2.079	2.295	3.531	1.845	0.338	0.582	**	**	**	**
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			197.161								
32730p	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	04/23/69-11/12/86	7	2.	1.571	2.	1.	0.286	0.535	**	**	**	**
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/26/77-11/12/86	12	0.03	0.032	0.07	0.01	0.	0.016	0.013	0.02	0.038	0.064

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Annual Analysis for 1982 - Station SARA0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/10/69-11/12/86	10	16.25	14.45	24.5	2.5	56.914	7.544	2.9	6.875	21.375	24.3
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/10/69-11/12/86	10	19.	17.1	28.	4.	79.878	8.937	4.3	7.	25.25	27.8
00032	CLOUD COVER (PERCENT)	03/10/69-11/12/86	10	10.	37.8	100.	0.	1945.067	44.103	0.5	5.	100.	100.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/12/76-11/12/86	10	2.55	2.93	5.7	1.8	1.382	1.176	1.82	2.075	3.575	5.51
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/10/69-11/12/86	10	114.5	112.4	137.	87.	268.489	16.386	87.5	98.75	125.	136.4
00300p	OXYGEN, DISSOLVED MG/L	03/10/69-11/12/86	10	9.2	9.21	12.4	7.2	2.579	1.606	7.25	7.925	10.1	12.26
00310	BOD, 5 DAY, 20 DEG C MG/L	06/04/69-11/12/86	10	2.75	2.53	3.4	1.2	0.587	0.766	1.25	1.7	3.2	3.38
00335	COD, .025N K2CR2O7 MG/L	03/10/69-04/30/86	10	16.15	22.17	84.	8.4	486.685	22.061	8.46	13.5	19.25	77.6
00400p	PH (STANDARD UNITS)	04/15/69-11/12/86	9	7.35	7.361	7.9	6.8	0.162	0.403	6.8	7.	7.75	7.9
00400p	CONVERTED PH (STANDARD UNITS)	04/15/69-11/12/86	9	7.35	7.2	7.9	6.8	0.192	0.438	6.8	7.	7.75	7.9
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/15/69-11/12/86	9	0.045	0.063	0.158	0.013	0.003	0.057	0.013	0.018	0.111	0.158
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/27/78-12/19/85	10	25.5	27.9	40.	21.	42.544	6.523	21.1	22.75	34.5	39.6

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Annual Analysis for 1982 - Station SARA0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/10/69-11/12/86	10	7.	6.2	10.	1.	7.289	2.7	1.2	3.75	8.	9.8
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/11/75-11/12/86	10	4.	4.3	8.	1.	7.789	2.791	1.	1.75	7.25	8.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/10/69-11/12/86	6	3.	3.167	6.	1.	4.567	2.137	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/10/69-11/12/86	10	0.073	0.083	0.12	0.06	0.001	0.024	0.06	0.061	0.11	0.119
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/10/69-11/12/86	9	0.007	0.009	0.016	0.005	0.	0.004	0.005	0.006	0.012	0.016
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/26/77-11/12/86	10	0.395	0.425	0.77	0.16	0.029	0.169	0.175	0.333	0.52	0.754
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/10/69-09/18/86	9	5400.	8555.556	44000.	1200.	180400277.778	13431.317	1200.	2250.	6300.	44000.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/10/69-09/18/86	9	3.732	3.673	4.643	3.079	0.197	0.443	3.079	3.347	3.799	4.643
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4711.734								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	07/07/71-09/18/86	9	180.	263.333	690.	80.	38375.	195.895	80.	150.	370.	690.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	07/07/71-09/18/86	9	2.255	2.333	2.839	1.903	0.08	0.283	1.903	2.172	2.548	2.839
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			215.12								
32730p	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	04/23/69-11/12/86	8	1.	1.25	2.	1.	0.214	0.463	**	**	**	**
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/26/77-11/12/86	10	0.025	0.024	0.05	0.005	0.	0.013	0.006	0.01	0.03	0.048

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Annual Analysis for 1983 - Station SARA0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/10/69-11/12/86	7	17.	16.357	25.	3.5	63.393	7.962	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/10/69-11/12/86	8	21.	19.938	29.	2.	71.174	8.436	**	**	**	**
00032	CLOUD COVER (PERCENT)	03/10/69-11/12/86	8	30.	37.5	100.	0.	1764.286	42.003	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/12/76-11/12/86	8	2.85	5.188	24.	1.5	58.147	7.625	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/10/69-11/12/86	8	119.5	120.75	139.	106.	154.786	12.441	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	03/10/69-11/12/86	8	7.75	8.838	12.8	7.	4.831	2.198	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	06/04/69-11/12/86	7	2.4	2.671	4.9	1.7	1.226	1.107	**	**	**	**
00315	BOD, 7 DAY, 20 DEG C MG/L	04/15/69-08/19/86	1	3.1	3.1	3.1	3.1	0.	0.	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	03/10/69-04/30/86	8	19.	19.375	25.	12.	19.696	4.438	**	**	**	**
00400p	PH (STANDARD UNITS)	04/15/69-11/12/86	8	7.3	7.244	7.45	6.8	0.04	0.199	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	04/15/69-11/12/86	8	7.297	7.195	7.45	6.8	0.042	0.206	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/15/69-11/12/86	8	0.05	0.064	0.158	0.035	0.002	0.04	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/27/78-12/19/85	8	27.	28.25	36.	24.	14.5	3.808	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/10/69-11/12/86	8	7.5	10.75	40.	2.	146.5	12.104	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/11/75-11/12/86	8	3.5	4.5	14.	1.	16.286	4.036	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/10/69-11/12/86	6	5.5	8.333	26.	2.	77.067	8.779	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/10/69-11/12/86	8	0.07	0.117	0.23	0.036	0.007	0.084	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/10/69-11/12/86	8	0.009	0.016	0.066	0.005	0.	0.021	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/26/77-11/12/86	8	0.415	0.429	0.66	0.24	0.024	0.155	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/10/69-09/18/86	8	3900.	4800.	10000.	1600.	9337142.857	3055.674	**	**	**	**
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/10/69-09/18/86	8	3.586	3.601	4.	3.204	0.083	0.288	**	**	**	**
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3988.011								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	07/07/71-09/18/86	8	220.	331.25	800.	70.	77898.214	279.103	**	**	**	**
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	07/07/71-09/18/86	8	2.326	2.372	2.903	1.845	0.154	0.393	**	**	**	**
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			235.735								
32730p	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	04/23/69-11/12/86	6	2.	2.	3.	1.	0.4	0.632	**	**	**	**
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/26/77-11/12/86	8	0.03	0.035	0.07	0.02	0.	0.016	**	**	**	**

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Annual Analysis for 1984 - Station SARA0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/10/69-11/12/86	10	14.	14.85	26.5	3.5	66.503	8.155	3.6	7.875	23.25	26.25
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/10/69-11/12/86	10	16.	18.4	32.	9.	78.489	8.859	9.1	10.75	28.25	32.

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Annual Analysis for 1984 - Station SARA0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00032	CLOUD COVER (PERCENT)	03/10/69-11/12/86	10	55.	52.5	100.	0.	1540.278	39.246	1.	10.	100.	100.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/12/76-11/12/86	10	2.95	4.71	24.	1.2	46.421	6.813	1.26	1.95	3.125	21.95
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/10/69-11/12/86	10	118.5	112.6	131.	88.	254.711	15.96	88.2	93.	123.75	130.8
00300p	OXYGEN, DISSOLVED MG/L	03/10/69-11/12/86	10	8.5	9.44	12.8	6.5	4.774	2.185	6.61	7.6	11.6	12.68
00310	BOD, 5 DAY, 20 DEG C MG/L	06/04/69-11/12/86	9	2.5	2.567	3.7	2.	0.3	0.548	2.	2.15	2.95	3.7
00315	BOD, 7 DAY, 20 DEG C MG/L	04/15/69-08/19/86	1	3.8	3.8	3.8	3.8	0.	0.	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	03/10/69-04/30/86	10	16.5	22.	56.	4.	246.222	15.691	4.9	13.75	26.75	54.8
00400p	PH (STANDARD UNITS)	04/15/69-11/12/86	10	7.625	7.6	8.	7.3	0.05	0.224	7.305	7.388	7.763	7.98
00400p	CONVERTED PH (STANDARD UNITS)	04/15/69-11/12/86	10	7.624	7.551	8.	7.3	0.053	0.229	7.305	7.387	7.762	7.98
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/15/69-11/12/86	10	0.024	0.028	0.05	0.01	0.	0.014	0.011	0.017	0.041	0.05
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/27/78-12/19/85	10	28.5	29.6	36.	24.	18.933	4.351	24.2	26.	33.5	35.9
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/10/69-11/12/86	10	7.	10.8	40.	1.	122.178	11.053	1.4	5.75	11.75	37.7
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/11/75-11/12/86	10	5.	4.	6.	1.	4.889	2.211	1.	1.75	6.	6.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/10/69-11/12/86	7	5.	9.714	34.	2.	123.905	11.131	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/10/69-11/12/86	10	0.095	0.101	0.16	0.06	0.001	0.033	0.061	0.07	0.133	0.158
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/10/69-11/12/86	7	0.015	0.017	0.029	0.008	0.	0.008	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/26/77-11/12/86	10	0.31	0.342	0.49	0.21	0.007	0.085	0.218	0.298	0.433	0.485
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/10/69-09/18/86	10	4750.	4910.	8200.	1500.	5669888.889	2381.153	1530.	2625.	7100.	8180.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/10/69-09/18/86	10	3.676	3.632	3.914	3.176	0.067	0.258	3.184	3.411	3.85	3.913
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4281.344								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	07/07/71-09/18/86	10	220.	274.	600.	60.	33937.778	184.222	64.	130.	405.	594.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	07/07/71-09/18/86	10	2.342	2.34	2.778	1.778	0.103	0.321	1.8	2.11	2.6	2.774
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			218.581								
32730p	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	04/23/69-11/12/86	6	2.	2.167	4.	1.	1.767	1.329	**	**	**	**
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/26/77-11/12/86	10	0.02	0.02	0.05	0.005	0.	0.014	0.005	0.01	0.025	0.049

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Annual Analysis for 1985 - Station SARA0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/10/69-11/12/86	8	14.5	14.188	26.	0.	93.281	9.658	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/10/69-11/12/86	8	20.5	15.313	30.	-12.	178.21	13.35	**	**	**	**
00032	CLOUD COVER (PERCENT)	03/10/69-11/12/86	8	25.	37.5	100.	5.	1592.857	39.911	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/12/76-11/12/86	8	2.	1.95	3.3	0.5	1.157	1.076	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/10/69-11/12/86	8	126.5	122.25	150.	88.	356.786	18.889	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	03/10/69-11/12/86	8	9.3	9.462	13.6	7.	4.523	2.127	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	06/04/69-11/12/86	7	2.2	2.286	3.8	1.	1.051	1.025	**	**	**	**
00315	BOD, 7 DAY, 20 DEG C MG/L	04/15/69-08/19/86	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	03/10/69-04/30/86	8	15.5	16.	20.	13.	6.571	2.563	**	**	**	**
00400p	PH (STANDARD UNITS)	04/15/69-11/12/86	8	7.25	7.225	7.4	6.9	0.036	0.191	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	04/15/69-11/12/86	8	7.247	7.186	7.4	6.9	0.038	0.195	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/15/69-11/12/86	8	0.057	0.065	0.126	0.04	0.001	0.032	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/27/78-12/19/85	8	27.	27.	35.	15.	36.286	6.024	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/10/69-11/12/86	8	9.	8.5	13.	3.	12.286	3.505	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/11/75-11/12/86	8	4.5	4.625	8.	2.	4.554	2.134	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/10/69-11/12/86	8	3.5	3.875	7.	1.	4.125	2.031	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/10/69-11/12/86	8	0.24	0.204	0.31	0.007	0.012	0.111	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/10/69-11/12/86	7	0.013	0.02	0.037	0.006	0.	0.014	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/26/77-11/12/86	8	0.475	0.463	0.58	0.32	0.009	0.097	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/10/69-09/18/86	6	3500.	7750.	22000.	500.	81975000.	9054.005	**	**	**	**
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/10/69-09/18/86	6	3.5	3.541	4.342	2.699	0.433	0.658	**	**	**	**
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3474.712								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	07/07/71-09/18/86	5	180.	594.	2400.	20.	1030880.	1015.323	**	**	**	**
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	07/07/71-09/18/86	5	2.255	2.252	3.38	1.301	0.598	0.774	**	**	**	**
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			178.545								
32730p	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	04/23/69-11/12/86	8	3.5	3.5	6.	1.	2.571	1.604	**	**	**	**

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Annual Analysis for 1985 - Station SARA0063

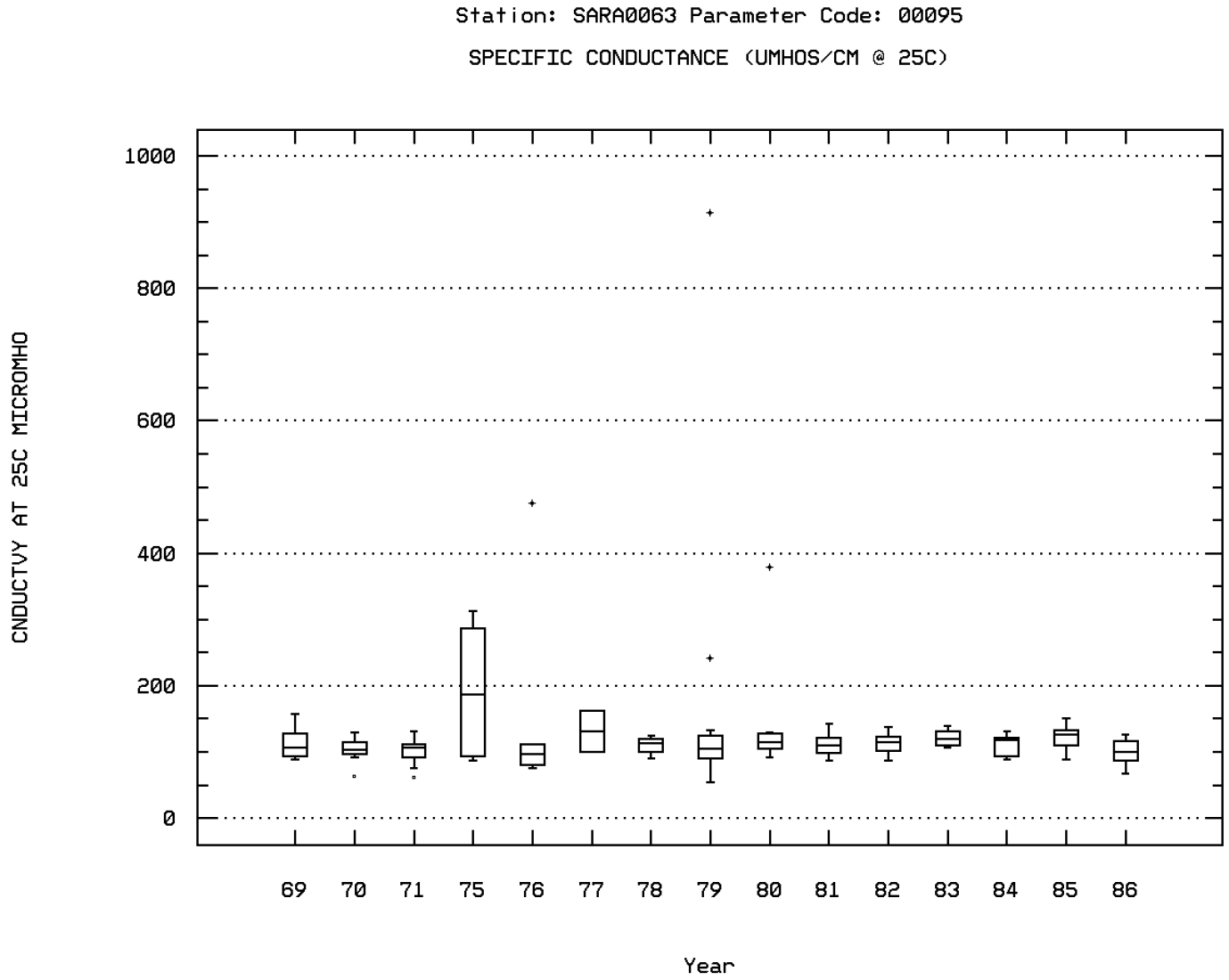
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/26/77-11/12/86	8	0.02	0.022	0.04	0.006	0.	0.013	**	**	**	**

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Annual Analysis for 1986 - Station SARA0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/10/69-11/12/86	10	16.5	15.1	24.	0.	64.711	8.044	0.7	7.375	22.5	24.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/10/69-11/12/86	10	18.5	17.5	27.	-3.	93.833	9.687	6.	10.5	26.25	27.
00032	CLOUD COVER (PERCENT)	03/10/69-11/12/86	10	35.	48.	100.	10.	967.778	31.109	11.	27.5	82.5	99.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/12/76-11/12/86	9	1.2	2.1	5.4	0.6	2.428	1.558	0.6	1.	3.	5.4
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/10/69-11/12/86	10	100.5	100.8	126.	68.	321.067	17.918	69.9	87.	117.75	125.7
00300p	OXYGEN, DISSOLVED MG/L	03/10/69-11/12/86	10	8.6	9.04	12.6	7.2	3.083	1.756	7.24	7.75	9.8	12.5
00310	BOD, 5 DAY, 20 DEG C MG/L	06/04/69-11/12/86	7	1.5	1.143	2.2	0.	0.65	0.806	**	**	**	**
00315	BOD, 7 DAY, 20 DEG C MG/L	04/15/69-08/19/86	2	2.35	2.35	2.5	2.2	0.045	0.212	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	03/10/69-04/30/86	3	15.	14.	16.	11.	7.	2.646	**	**	**	**
00400p	PH (STANDARD UNITS)	04/15/69-11/12/86	10	7.125	7.128	7.38	6.9	0.027	0.165	6.9	6.975	7.3	7.372
00400p	CONVERTED PH (STANDARD UNITS)	04/15/69-11/12/86	10	7.124	7.1	7.38	6.9	0.028	0.168	6.9	6.975	7.3	7.372
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/15/69-11/12/86	10	0.075	0.079	0.126	0.042	0.001	0.03	0.043	0.05	0.106	0.126
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/10/69-11/12/86	10	6.5	7.5	13.	2.	12.944	3.598	2.2	4.75	10.5	12.9
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/11/75-11/12/86	10	3.	3.4	6.	2.	1.822	1.35	2.	2.	4.25	5.9
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/10/69-11/12/86	9	4.	4.556	9.	1.	6.028	2.455	1.	3.	6.5	9.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/10/69-11/12/86	10	0.089	0.116	0.34	0.031	0.01	0.098	0.032	0.05	0.143	0.33
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/10/69-11/12/86	9	0.012	0.011	0.017	0.006	0.	0.004	0.006	0.007	0.015	0.017
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/26/77-11/12/86	10	0.28	0.303	0.56	0.05	0.018	0.134	0.069	0.24	0.398	0.546
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/10/69-11/12/86	10	40.	106.3	400.	24.	20984.011	144.859	24.1	31.75	132.	396.
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/10/69-09/18/86	5	23000.	26000.	63000.	3000.	612000000.	24738.634	**	**	**	**
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/10/69-09/18/86	5	4.362	4.179	4.799	3.477	0.321	0.566	**	**	**	**
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			15090.111								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	07/07/71-09/18/86	5	400.	380.	600.	100.	37000.	192.354	**	**	**	**
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	07/07/71-09/18/86	5	2.602	2.511	2.778	2.	0.094	0.307	**	**	**	**
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			324.534								
32730p	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	04/23/69-11/12/86	7	2.	1.857	3.	1.	0.476	0.69	**	**	**	**
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/26/77-11/12/86	10	0.03	0.027	0.04	0.02	0.	0.007	0.02	0.02	0.03	0.039

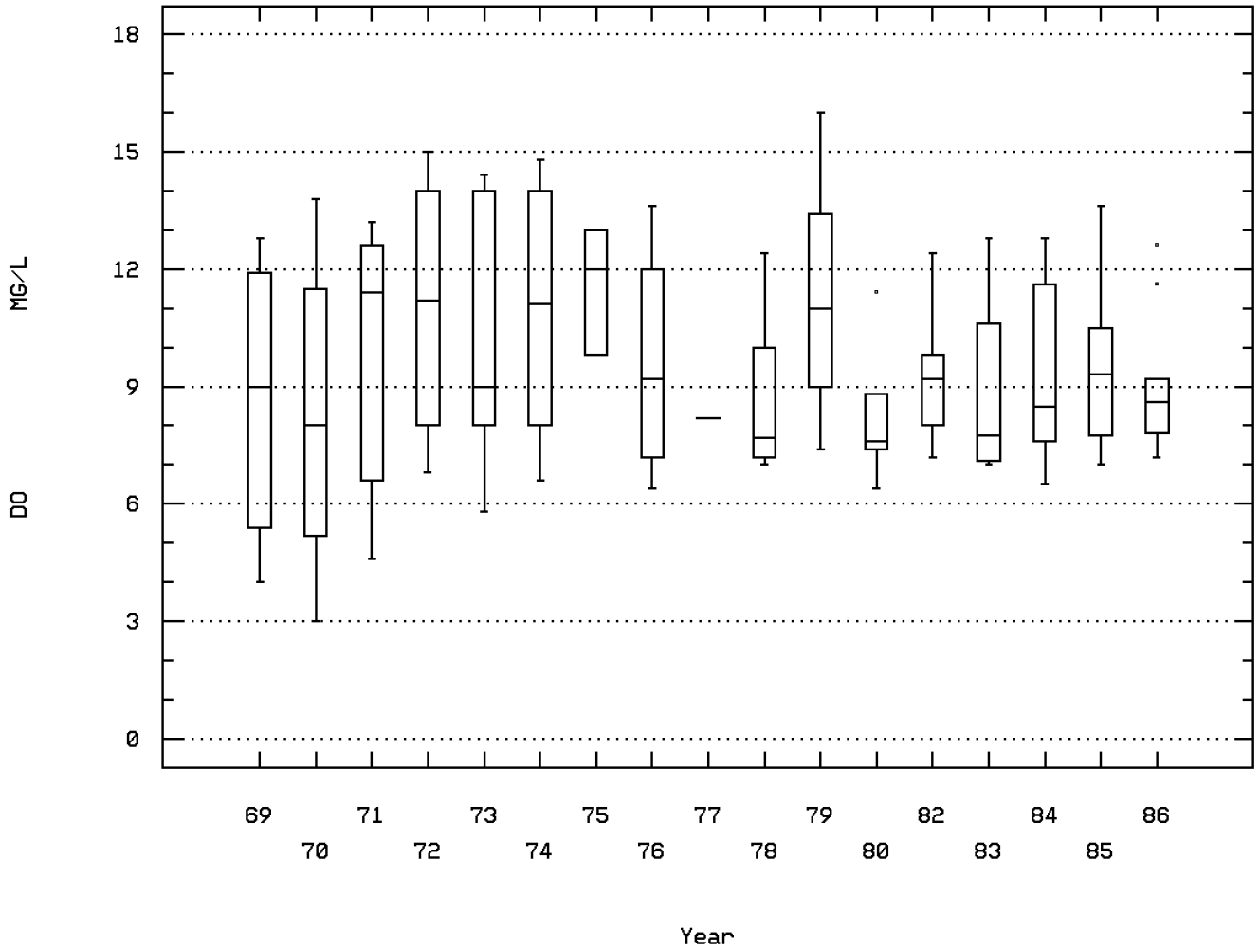
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U.HUDSON R. IN STILLWATER @ RT.67 BR.

Station: SARA0063 Parameter Code: 00300

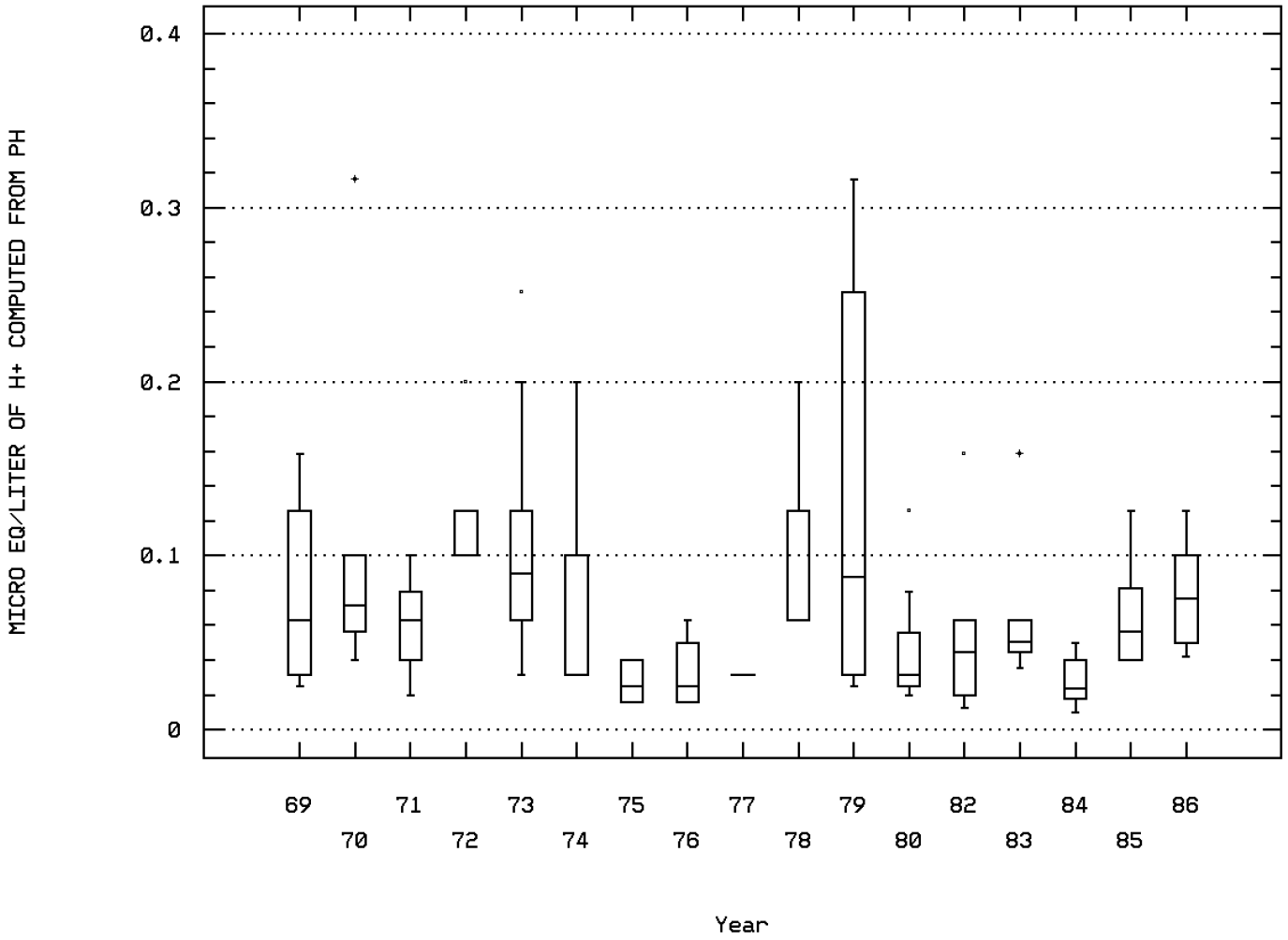
OXYGEN, DISSOLVED



U.HUDSON R. IN STILLWATER @ RT.67 BR.

Station: SARA0063 Parameter Code: 00400

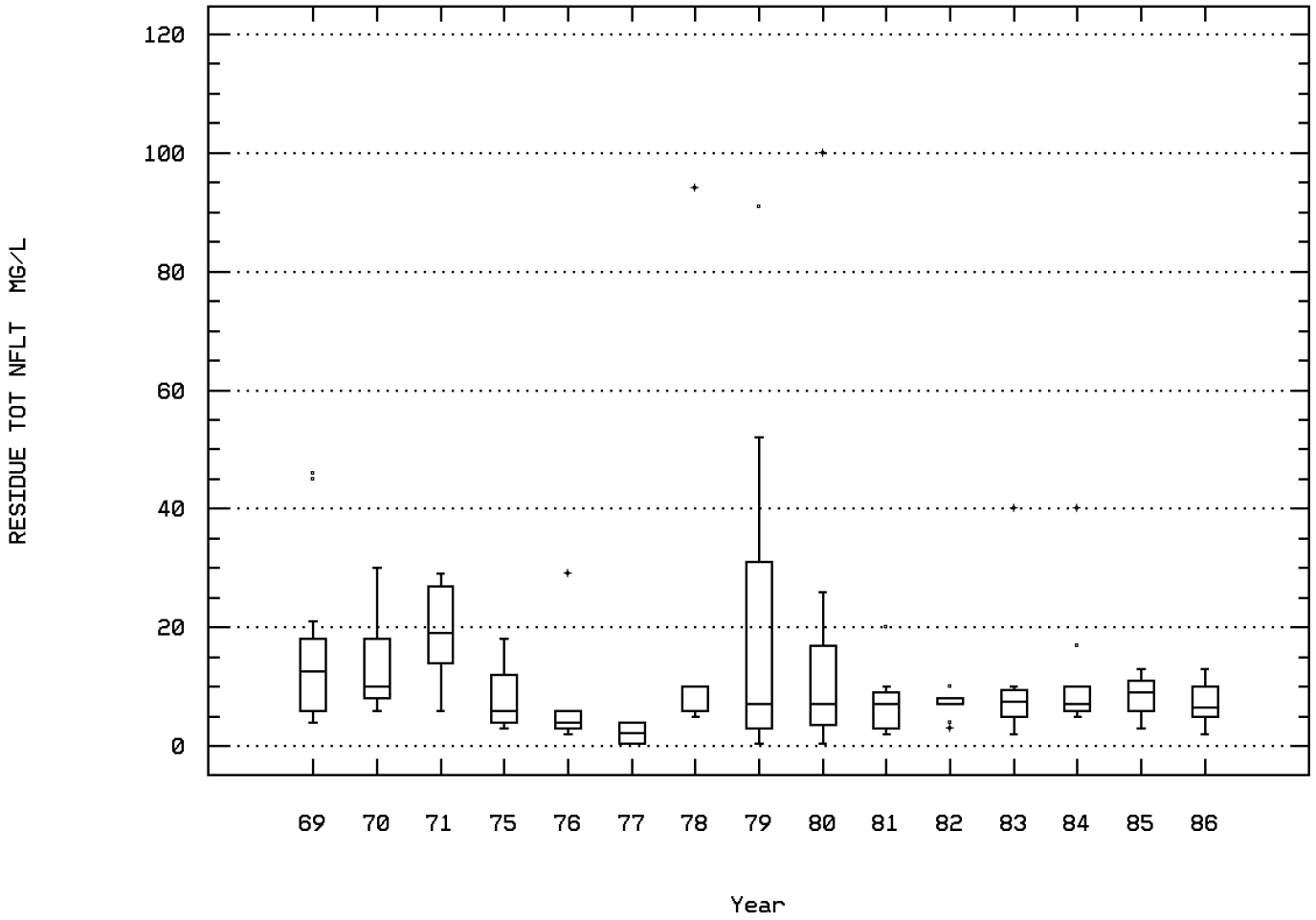
MICRO EQ/LITER OF H+ COMPUTED FROM PH



U.HUDSON R. IN STILLWATER @ RT.67 BR.

Station: SARA0063 Parameter Code: 00530

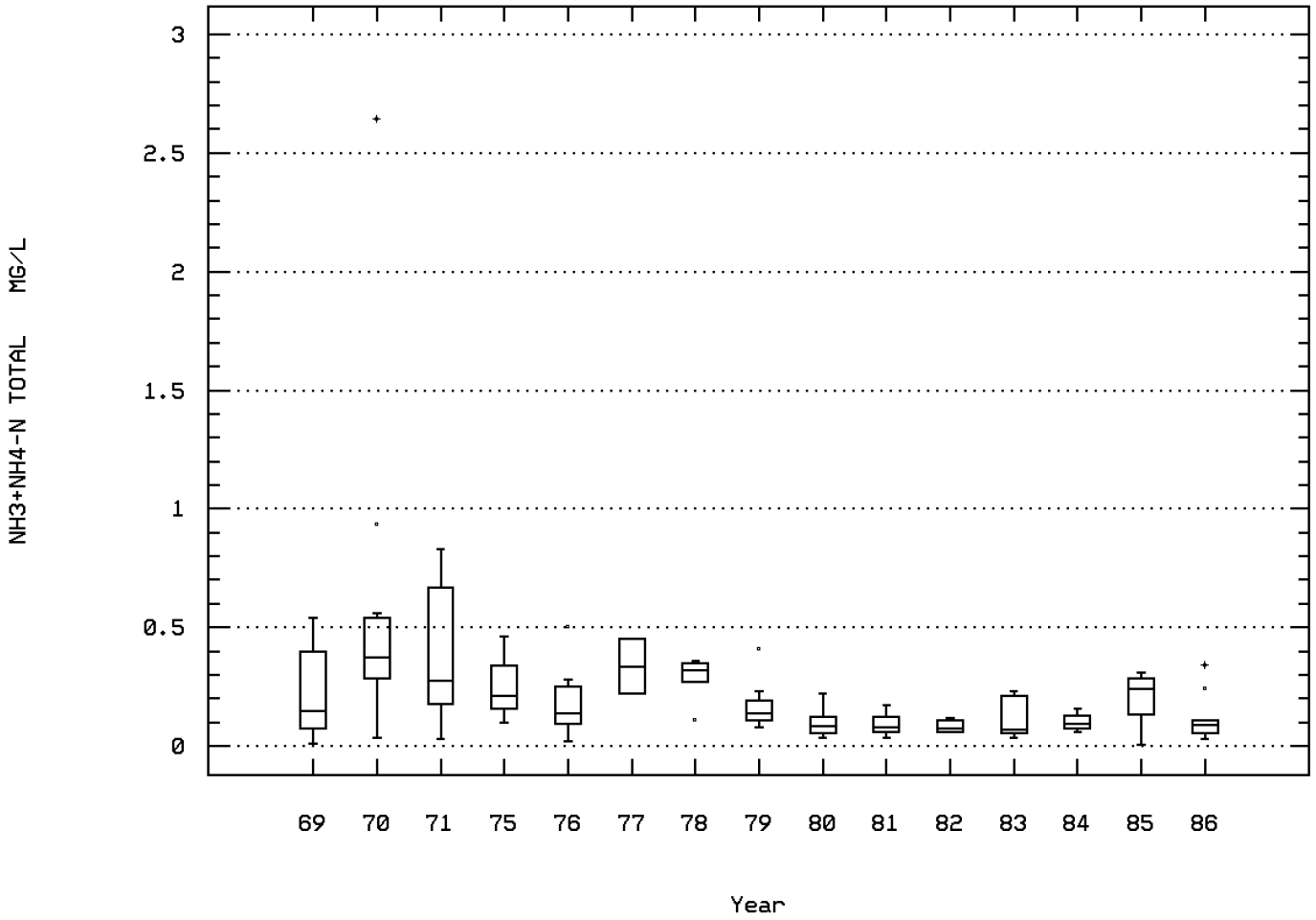
RESIDUE, TOTAL NONFILTRABLE (MG/L)



U.HUDSON R. IN STILLWATER @ RT.67 BR.

Station: SARA0063 Parameter Code: 00610

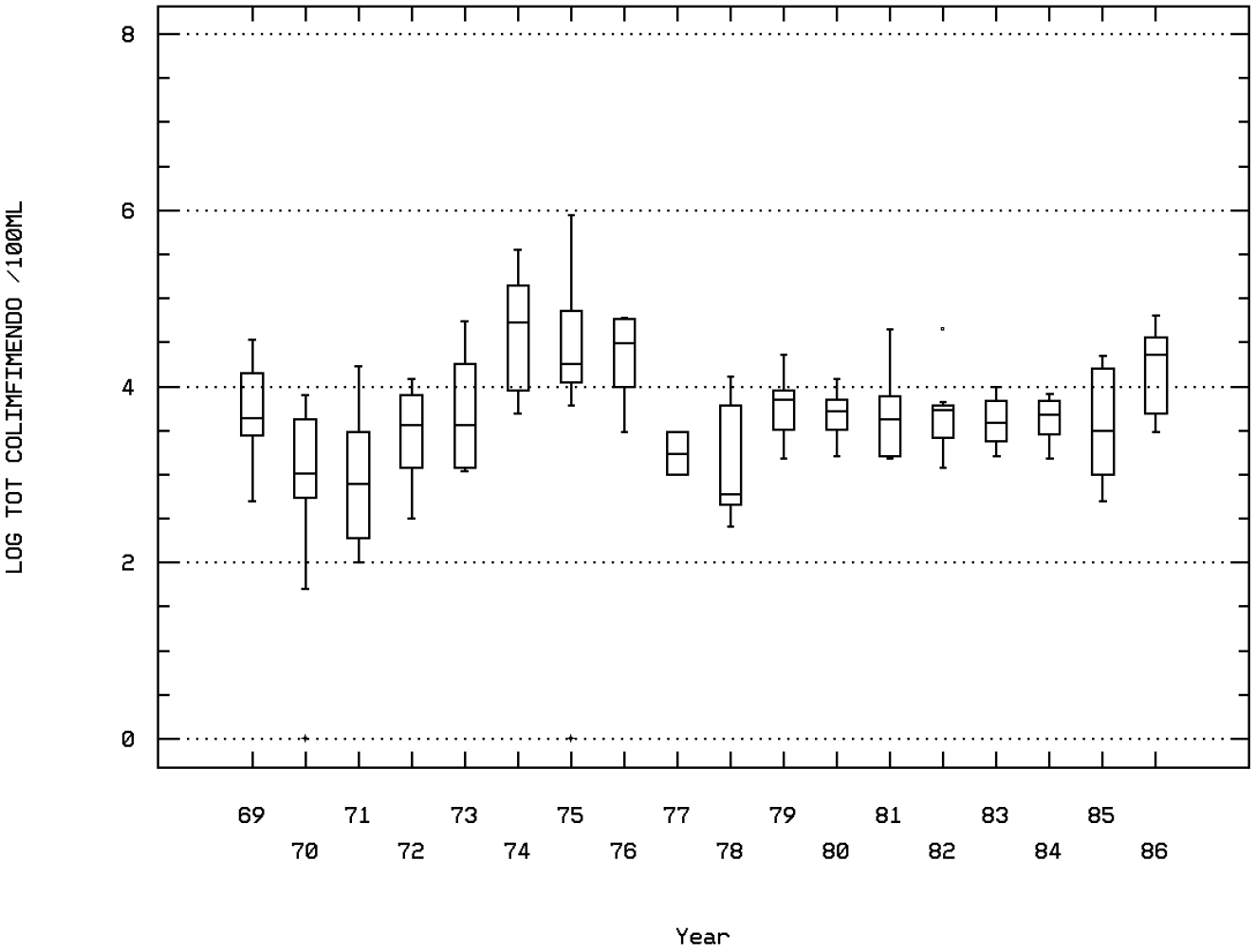
NITROGEN, AMMONIA, TOTAL (MG/L AS N)



U.HUDSON R. IN STILLWATER @ RT.67 BR.

Station: SARA0063 Parameter Code: 31501

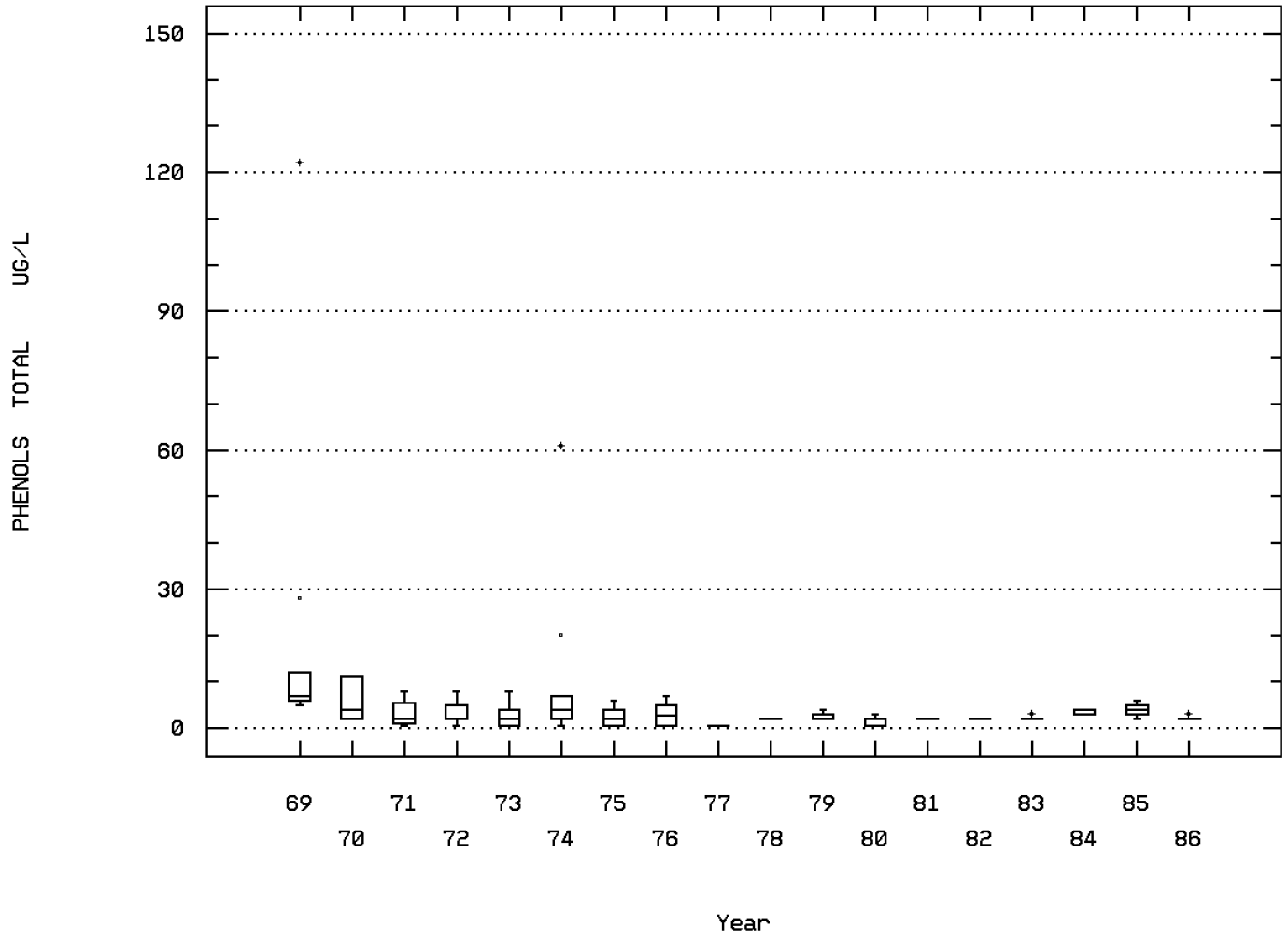
LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.



U.HUDSON R. IN STILLWATER @ RT.67 BR.

Station: SARA0063 Parameter Code: 32730

PHENOLICS, TOTAL, RECOVERABLE (UG/L)



U.HUDSON R. IN STILLWATER @ RT.67 BR.

Seasonal Analysis for Season #1: 9/20 to 2/29 - Station SARA0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/10/69-11/12/86	44	8.25	8.055	18.	0.	37.727	6.142	0.05	1.125	14.	17.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/10/69-11/12/86	39	10.	8.374	26.	-13.	85.487	9.246	6.	8.	16.	22.
00032	CLOUD COVER (PERCENT)	03/10/69-11/12/86	39	90.	66.692	100.	5.	1244.692	35.28	10.	35.	99.	100.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/15/69-09/09/76	28	4.85	6.482	17.	1.	18.353	4.284	1.	3.7	8.825	13.2
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/12/76-11/12/86	19	2.7	6.2	72.	0.6	254.686	15.959	1.5	2.	3.	4.9
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/10/69-11/12/86	38	109.	133.737	913.	76.	17906.686	133.816	87.	98.75	120.5	131.7
00300p	OXYGEN, DISSOLVED MG/L	03/10/69-11/12/86	47	11.	11.009	16.	4.4	6.828	2.613	8.	9.	13.2	14.46
00303	BOD, 1DAY, 20 DEG C MG/L	04/28/75-11/05/81	12	0.55	0.525	1.3	0.05	0.151	0.388	0.05	0.2	0.775	1.21
00305	BOD, 3 DAY, 20 DEG C MG/L	04/28/75-11/05/81	3	2.	1.867	2.	1.6	0.053	0.231	**	**	**	**
00310p	BOD, 5 DAY, 20 DEG C MG/L	06/04/69-11/12/86	37	2.	2.297	6.3	0.5	1.549	1.244	1.08	1.5	2.85	4.34
00315p	BOD, 7 DAY, 20 DEG C MG/L	04/15/69-08/19/86	27	2.7	3.248	6.	1.6	2.033	1.426	1.6	2.1	4.6	5.68
00335p	COD, .025N K2CR2O7 MG/L	03/10/69-04/30/86	28	16.15	17.95	56.	8.	83.174	9.12	10.9	14.	19.	23.6
00400p	PH (STANDARD UNITS)	04/15/69-11/12/86	43	7.2	7.166	7.8	6.6	0.099	0.315	6.7	6.9	7.4	7.6
00400p	CONVERTED PH (STANDARD UNITS)	04/15/69-11/12/86	43	7.2	7.061	7.8	6.6	0.111	0.332	6.7	6.9	7.4	7.6
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/15/69-11/12/86	43	0.063	0.087	0.251	0.016	0.004	0.06	0.025	0.04	0.126	0.2
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/27/78-12/19/85	22	25.	25.864	36.	13.	30.314	5.506	19.3	22.	31.	33.7
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	03/10/69-05/26/77	14	21.5	23.786	56.	5.	136.181	11.67	9.	18.25	27.75	44.5
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/10/69-11/12/86	36	7.	12.833	94.	0.5	416.871	20.417	2.	4.	10.75	22.1
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/11/75-11/12/86	24	3.	8.208	93.	0.5	338.324	18.394	0.75	2.	7.75	12.
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/10/69-11/12/86	31	2.	5.645	78.	0.5	187.603	13.697	0.5	1.	5.	8.6
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	03/10/69-09/09/76	14	0.34	0.371	0.83	0.08	0.045	0.211	0.095	0.235	0.488	0.745
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/10/69-11/12/86	38	0.13	0.292	2.64	0.034	0.19	0.435	0.061	0.096	0.353	0.574
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/10/69-11/12/86	31	0.01	0.05	1.22	0.003	0.047	0.217	0.005	0.007	0.015	0.02
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/10/69-09/09/76	14	0.32	0.337	0.68	0.13	0.018	0.132	0.185	0.263	0.363	0.605
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/11/75-10/09/86	17	0.68	0.704	1.4	0.1	0.132	0.363	0.188	0.48	0.94	1.4
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/26/77-11/12/86	22	0.35	0.365	0.73	0.05	0.021	0.144	0.203	0.298	0.47	0.537
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/29/75-11/12/86	24	0.004	0.005	0.017	0.001	0.	0.004	0.002	0.003	0.007	0.012
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	03/10/69-11/12/86	14	36.	61.857	360.	29.	7417.978	86.128	31.	34.	46.	209.
00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/10/69-10/08/80	22	5.	5.591	8.	4.	1.682	1.297	4.	4.75	7.	7.7
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/10/69-09/18/86	51	6000.	32991.176	890000.	0.17485	281370.588	132231.923	900.	4400.	11000.	22800.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/10/69-09/18/86	51	3.778	3.702	5.949	0.	0.929	0.964	2.954	3.643	4.041	4.358
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			5034.166								
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	07/07/71-09/18/86	37	460.	814.324	5600.	40.	1078753.003	1038.63	146.	275.	875.	2160.
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	07/07/71-09/18/86	37	2.663	2.696	3.748	1.602	0.187	0.433	2.164	2.439	2.942	3.334
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			496.387								
32730p	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	04/23/69-11/12/86	48	2.	4.229	61.	0.5	76.053	8.721	1.	1.	4.75	6.1
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/26/77-11/12/86	24	0.02	0.026	0.1	0.005	0.	0.019	0.01	0.02	0.03	0.045

** - Less than 9 observations ## - Computed 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: 3/01 to 4/30 - Station SARA0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/10/69-11/12/86	31	4.	5.49	16.	0.	12.664	3.559	2.	3.	7.5	10.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/10/69-11/12/86	25	11.	10.424	23.5	-3.	38.603	6.213	3.6	6.5	14.5	19.4
00032	CLOUD COVER (PERCENT)	03/10/69-11/12/86	26	50.	51.615	100.	0.	1526.406	39.069	3.5	8.75	91.25	99.3
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/15/69-09/09/76	15	4.7	8.693	24.	1.	52.331	7.234	2.2	3.2	16.	21.6
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/12/76-11/12/86	14	3.2	6.479	25.	1.	62.563	7.91	1.05	1.95	6.425	24.5
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/10/69-11/12/86	28	120.5	129.464	474.	62.	5685.221	75.4	74.3	95.5	131.75	165.3
00300p	OXYGEN, DISSOLVED MG/L	03/10/69-11/12/86	31	12.4	12.161	14.9	9.2	1.882	1.372	9.76	11.4	12.8	14.
00303	BOD, 1DAY, 20 DEG C MG/L	04/28/75-11/05/81	7	0.5	0.407	0.7	0.05	0.08	0.283	**	**	**	**
00305	BOD, 3 DAY, 20 DEG C MG/L	04/28/75-11/05/81	3	2.2	1.933	2.6	1.	0.693	0.833	**	**	**	**
00310p	BOD, 5 DAY, 20 DEG C MG/L	06/04/69-11/12/86	18	1.95	2.028	4.5	0.	0.973	0.986	1.08	1.425	2.4	3.33
00315p	BOD, 7 DAY, 20 DEG C MG/L	04/15/69-08/19/86	18	2.45	2.883	7.2	1.3	2.304	1.518	1.3	1.9	3.625	5.85
00335p	COD, .025N K2CR2O7 MG/L	03/10/69-04/30/86	24	14.5	16.971	84.	2.	242.607	15.576	5.7	9.55	19.875	25.
00400p	PH (STANDARD UNITS)	04/15/69-11/12/86	25	7.38	7.315	8.	6.5	0.155	0.394	6.56	7.125	7.6	7.77
00400p	CONVERTED PH (STANDARD UNITS)	04/15/69-11/12/86	25	7.38	7.121	8.	6.5	0.194	0.441	6.56	7.125	7.6	7.77

** - Less than 9 observations ## - Computed 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: 3/01 to 4/30 - Station SARA0063

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	04/15/69-11/12/86	25	0.042	0.076	0.316	0.01	0.008	0.088	0.017	0.025	0.075	0.277
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/27/78-12/19/85	13	26.	25.115	40.	0.5	120.673	10.985	6.3	17.	35.5	38.4
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	03/10/69-05/26/77	11	29.	27.545	36.	13.	48.873	6.991	14.8	23.	34.	35.8
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/10/69-11/12/86	28	10.5	15.964	46.	1.	203.147	14.253	1.9	6.	24.75	45.1
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/11/75-11/12/86	17	4.	4.059	10.	1.	6.309	2.512	1.	2.	5.5	8.4
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/10/69-11/12/86	25	7.	11.18	44.	0.5	137.852	11.741	1.	3.	14.5	34.8
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	03/10/69-09/09/76	11	0.29	0.365	0.77	0.11	0.045	0.212	0.12	0.2	0.6	0.736
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/10/69-11/12/86	28	0.175	0.189	0.458	0.02	0.017	0.131	0.04	0.079	0.263	0.432
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/10/69-11/12/86	25	0.007	0.087	2.	0.001	0.159	0.398	0.002	0.005	0.009	0.017
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/10/69-09/09/76	12	0.455	0.463	0.77	0.25	0.02	0.141	0.265	0.363	0.53	0.725
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/11/75-10/09/86	9	0.42	0.536	0.96	0.13	0.062	0.249	0.13	0.395	0.72	0.96
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/26/77-11/12/86	15	0.44	0.488	0.77	0.36	0.012	0.112	0.378	0.4	0.56	0.674
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/29/75-11/12/86	16	0.005	0.006	0.021	0.001	0.	0.005	0.002	0.002	0.008	0.016
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	03/10/69-11/12/86	12	42.	40.583	56.	24.	111.356	10.553	24.	33.25	49.5	54.8
00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/10/69-10/08/80	16	5.	5.5	12.	2.	6.533	2.556	2.7	3.25	7.	9.9
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/10/69-09/18/86	28	3800.	16941.071	140000.	50.	1387707972.884	37251.953	660.	1650.	10750.	78800.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/10/69-09/18/86	28	3.579	3.616	5.146	1.699	0.546	0.739	2.808	3.217	4.031	4.886
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4132.408								
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	07/07/71-09/18/86	22	210.	417.045	3400.	70.	483272.998	695.178	73.	115.	462.5	676.
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	07/07/71-09/18/86	22	2.322	2.375	3.531	1.845	0.174	0.417	1.862	2.059	2.665	2.829
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			237.133								
32730p	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	04/23/69-11/12/86	27	2.	3.481	28.	0.5	30.221	5.497	0.5	1.	3.	8.6
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/26/77-11/12/86	16	0.025	0.028	0.08	0.006	0.	0.019	0.009	0.013	0.038	0.059

** - Less than 9 observations ## - Computed 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: 5/01 to 6/30 - Station SARA0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/10/69-11/12/86	31	18.	17.752	25.	9.	21.948	4.685	10.5	15.	21.5	23.8
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/10/69-11/12/86	24	23.	22.208	37.2	9.	57.361	7.574	10.8	16.55	27.75	31.75
00032	CLOUD COVER (PERCENT)	03/10/69-11/12/86	23	40.	43.826	100.	0.	1066.696	32.66	4.	10.	70.	95.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/15/69-09/09/76	16	4.85	6.438	26.	2.	32.167	5.672	2.7	3.275	7.6	14.8
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/12/76-11/12/86	18	3.	4.239	24.	0.5	26.592	5.157	1.13	2.175	3.975	8.25
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/10/69-11/12/86	31	100.	121.194	378.	54.	4554.895	67.49	77.4	90.	120.	202.
00300p	OXYGEN, DISSOLVED MG/L	03/10/69-11/12/86	31	8.6	8.606	11.6	5.	2.744	1.656	6.68	7.4	9.6	11.16
00303	BOD, 1DAY, 20 DEG C MG/L	04/28/75-11/05/81	15	0.5	0.633	1.3	0.1	0.105	0.324	0.22	0.4	0.9	1.18
00305	BOD, 3 DAY, 20 DEG C MG/L	04/28/75-11/05/81	5	1.6	1.38	2.	0.6	0.412	0.642	**	**	**	**
00310p	BOD, 5 DAY, 20 DEG C MG/L	06/04/69-11/12/86	20	2.2	2.15	3.8	0.5	0.848	0.921	0.57	1.325	2.9	3.18
00315p	BOD, 7 DAY, 20 DEG C MG/L	04/15/69-08/19/86	24	2.2	2.379	4.6	0.5	0.751	0.867	1.2	1.825	2.975	3.35
00335p	COD, .025N K2CR2O7 MG/L	03/10/69-04/30/86	23	15.	16.026	44.	3.	74.736	8.645	5.8	12.	19.	27.8
00400p	PH (STANDARD UNITS)	04/15/69-11/12/86	28	7.275	7.25	7.8	6.5	0.071	0.266	6.89	7.1	7.4	7.51
00400p	CONVERTED PH (STANDARD UNITS)	04/15/69-11/12/86	28	7.274	7.16	7.8	6.5	0.079	0.282	6.89	7.1	7.4	7.51
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/15/69-11/12/86	28	0.053	0.069	0.316	0.016	0.003	0.058	0.031	0.04	0.079	0.129
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/27/78-12/19/85	16	26.	28.063	82.	9.	235.263	15.338	16.	22.25	29.	46.3
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	03/10/69-05/26/77	10	23.	22.6	30.	13.	19.822	4.452	13.6	21.25	25.25	29.6
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/10/69-11/12/86	31	8.	10.758	52.	0.5	112.981	10.629	2.2	4.	12.	18.8
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/11/75-11/12/86	20	4.	4.9	14.	1.	12.095	3.478	1.1	2.	7.5	10.7
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/10/69-11/12/86	29	4.	6.483	50.	0.5	93.169	9.652	1.	3.	7.	12.
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	03/10/69-09/09/76	9	0.26	0.3	0.63	0.05	0.029	0.171	0.05	0.205	0.425	0.63
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/10/69-11/12/86	31	0.13	0.154	0.45	0.01	0.011	0.106	0.04	0.062	0.22	0.324
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/10/69-11/12/86	27	0.01	0.015	0.058	0.001	0.	0.015	0.001	0.006	0.018	0.04
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/10/69-09/09/76	11	0.4	0.361	0.52	0.04	0.022	0.149	0.072	0.26	0.5	0.516
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/11/75-10/09/86	14	0.615	0.619	1.1	0.16	0.079	0.282	0.245	0.358	0.835	1.05
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/26/77-11/12/86	20	0.445	0.474	0.8	0.24	0.029	0.17	0.291	0.32	0.625	0.755
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/29/75-11/12/86	20	0.005	0.012	0.08	0.001	0.	0.021	0.002	0.002	0.008	0.056
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	03/10/69-11/12/86	11	36.	70.182	400.	23.	12039.164	109.723	24.8	33.	47.	331.2

** - 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: 5/01 to 6/30 - Station SARA0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/10/69-10/08/80	19	5.	5.368	9.	2.	2.912	1.707	3.	4.	7.	7.
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/10/69-09/18/86	36	5700.	18975.	180000.	100.	1139708214.286	33759.565	570.	2925.	19250.	60000.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/10/69-09/18/86	36	3.755	3.79	5.255	2.	0.501	0.708	2.754	3.466	4.283	4.778
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			6164.239								
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	07/07/71-09/18/86	29	300.	458.517	1800.	0.	226145.901	475.548	60.	130.	700.	1400.
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	07/07/71-09/18/86	29	2.477	2.373	3.255	0.	0.429	0.655	1.778	2.113	2.845	3.146
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			235.934								
32730p	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	04/23/69-11/12/86	34	2.5	6.926	122.	0.5	427.805	20.683	0.75	1.	4.25	10.
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/26/77-11/12/86	20	0.03	0.031	0.07	0.005	0.	0.019	0.006	0.02	0.04	0.069

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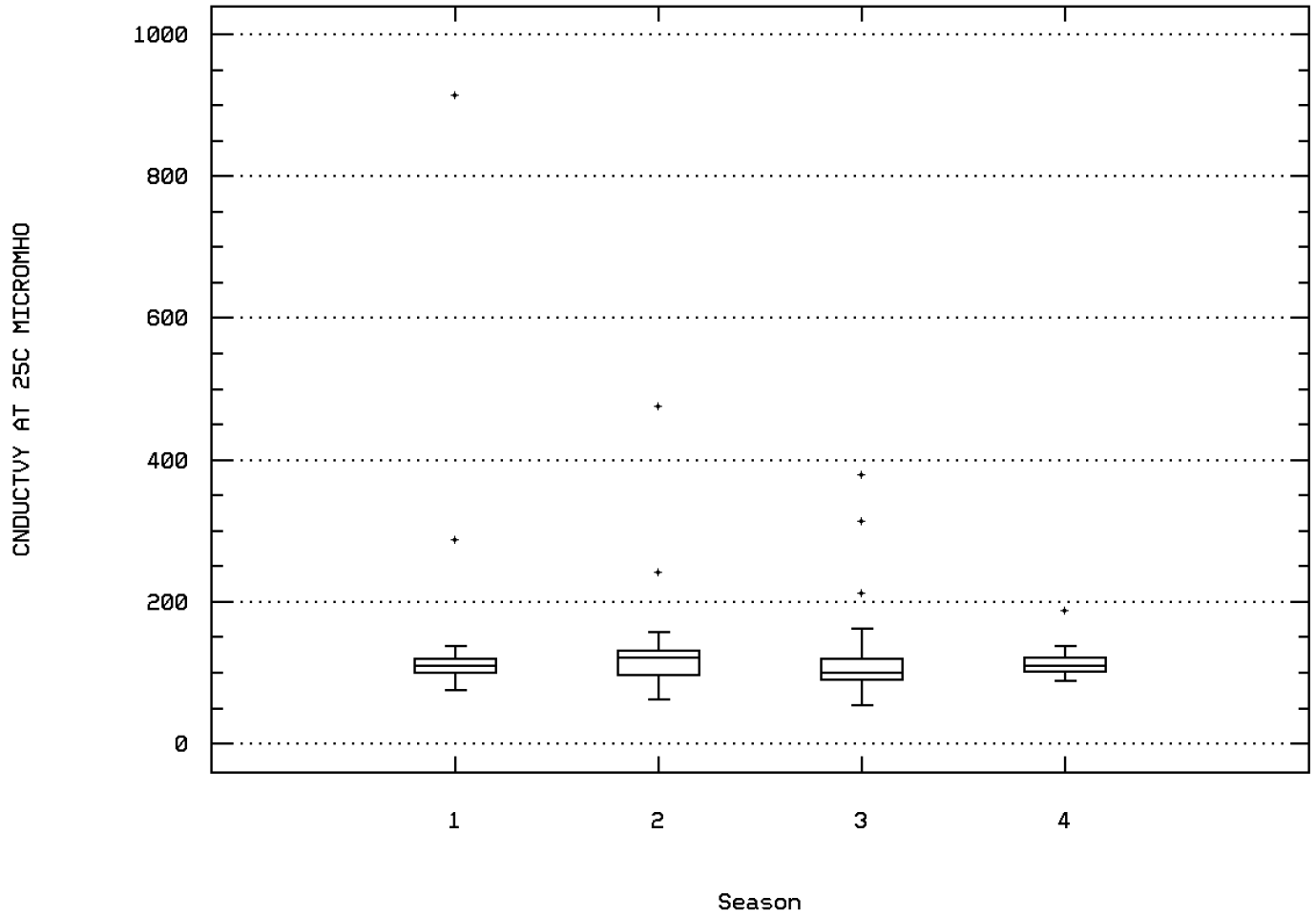
Seasonal Analysis for Season #4: 7/01 to 9/19 - Station SARA0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/10/69-11/12/86	40	23.	22.978	28.5	17.	7.277	2.698	19.53	21.35	25.	26.45
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/10/69-11/12/86	35	27.	26.086	36.	12.7	22.791	4.774	18.6	24.	29.	32.
00032	CLOUD COVER (PERCENT)	03/10/69-11/12/86	33	35.	40.273	100.	0.	1158.705	34.04	5.	10.	62.5	97.4
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/15/69-09/09/76	20	5.55	7.435	30.	2.1	37.851	6.152	3.07	4.	8.075	13.9
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/12/76-11/12/86	22	2.35	3.532	30.	0.5	35.937	5.995	1.	1.5	3.05	4.14
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/10/69-11/12/86	40	110.5	113.275	187.	89.	298.615	17.28	94.	100.75	122.5	129.
00300p	OXYGEN, DISSOLVED MG/L	03/10/69-11/12/86	41	7.2	6.837	8.6	3.	1.509	1.228	4.64	6.4	7.6	8.
00303	BOD, 1DAY, 20 DEG C MG/L	04/28/75-11/05/81	16	0.85	0.888	2.	0.5	0.171	0.413	0.5	0.525	1.15	1.51
00305	BOD, 3 DAY, 20 DEG C MG/L	04/28/75-11/05/81	9	2.	1.956	3.	1.2	0.27	0.52	1.2	1.6	2.2	3.
00310p	BOD, 5 DAY, 20 DEG C MG/L	06/04/69-11/12/86	32	2.55	2.497	4.9	1.	0.809	0.899	1.4	1.725	3.	3.7
00315p	BOD, 7 DAY, 20 DEG C MG/L	04/15/69-08/19/86	26	3.	2.908	4.2	1.8	0.394	0.627	2.11	2.375	3.3	4.
00335p	COD, .025N K2CR2O7 MG/L	03/10/69-04/30/86	28	16.	16.104	28.	4.	28.323	5.322	9.6	13.	19.75	24.1
00400p	PH (STANDARD UNITS)	04/15/69-11/12/86	40	7.2	7.236	7.9	6.8	0.092	0.304	6.9	7.	7.4	7.79
00400p	CONVERTED PH (STANDARD UNITS)	04/15/69-11/12/86	40	7.2	7.147	7.9	6.8	0.1	0.317	6.9	7.	7.4	7.79
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/15/69-11/12/86	40	0.063	0.071	0.158	0.013	0.002	0.042	0.016	0.04	0.1	0.126
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/27/78-12/19/85	22	26.	24.727	35.	14.	28.303	5.32	18.3	20.	28.	33.7
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	03/10/69-05/26/77	12	24.5	23.	31.	11.	32.182	5.673	12.8	18.75	25.	31.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/10/69-11/12/86	39	7.	10.897	100.	1.	261.147	16.16	2.	4.	10.	26.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/11/75-11/12/86	27	4.	4.648	40.	0.5	53.381	7.306	1.	2.	5.	6.2
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/10/69-11/12/86	33	4.	7.152	60.	0.5	119.226	10.919	0.5	1.5	8.	17.6
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	03/10/69-09/09/76	12	0.315	0.331	0.55	0.06	0.018	0.135	0.108	0.245	0.428	0.535
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/10/69-11/12/86	39	0.11	0.188	0.932	0.007	0.039	0.197	0.033	0.064	0.22	0.5
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/10/69-11/12/86	37	0.014	0.024	0.167	0.001	0.001	0.03	0.004	0.009	0.03	0.055
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/10/69-09/09/76	14	0.295	0.294	0.64	0.02	0.026	0.16	0.035	0.2	0.395	0.555
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/11/75-10/09/86	16	0.54	0.608	1.1	0.4	0.038	0.196	0.4	0.445	0.77	0.89
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/26/77-11/12/86	26	0.4	0.399	0.67	0.16	0.021	0.145	0.228	0.268	0.493	0.663
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/29/75-11/12/86	28	0.005	0.008	0.025	0.001	0.	0.006	0.002	0.004	0.012	0.019
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	03/10/69-11/12/86	15	35.	36.467	46.	25.	41.552	6.446	27.4	30.	42.	45.4
00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/10/69-10/08/80	22	5.5	6.227	11.	3.	4.184	2.045	4.	5.	7.	9.7
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/10/69-09/18/86	48	3000.	16352.083	360000.	190.	2835638484.929	53250.713	500.	1200.	6800.	36800.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/10/69-09/18/86	48	3.477	3.539	5.556	2.279	0.466	0.683	2.699	3.079	3.833	4.565
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3456.793								
31613p	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	07/07/71-09/18/86	39	160.	475.103	5800.	20.	1549205.516	1244.671	50.	70.	260.	600.
31613p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	07/07/71-09/18/86	39	2.204	2.206	3.763	1.301	0.272	0.522	1.699	1.845	2.415	2.778
31613p	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			160.688								
32730p	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	04/23/69-11/12/86	45	1.	2.044	11.	0.5	5.203	2.281	0.5	0.5	2.	5.8
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/26/77-11/12/86	26	0.03	0.03	0.07	0.008	0.	0.013	0.01	0.02	0.04	0.043

** - Less than 9 observations ## - Computed 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: SARA0063 Parameter Code: 00095

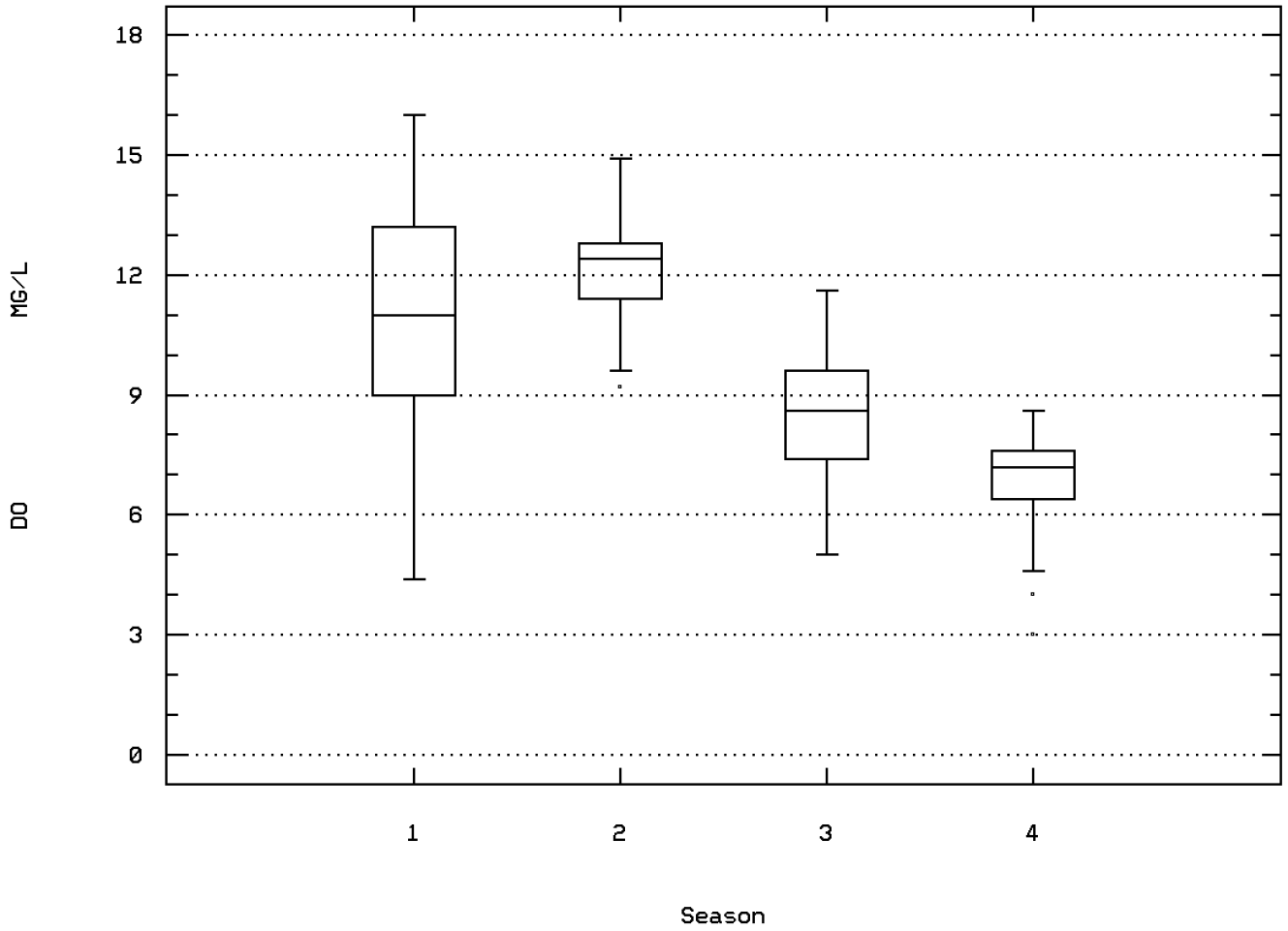
SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)



U.HUDSON R. IN STILLWATER @ RT.67 BR.

Station: SARA0063 Parameter Code: 00300

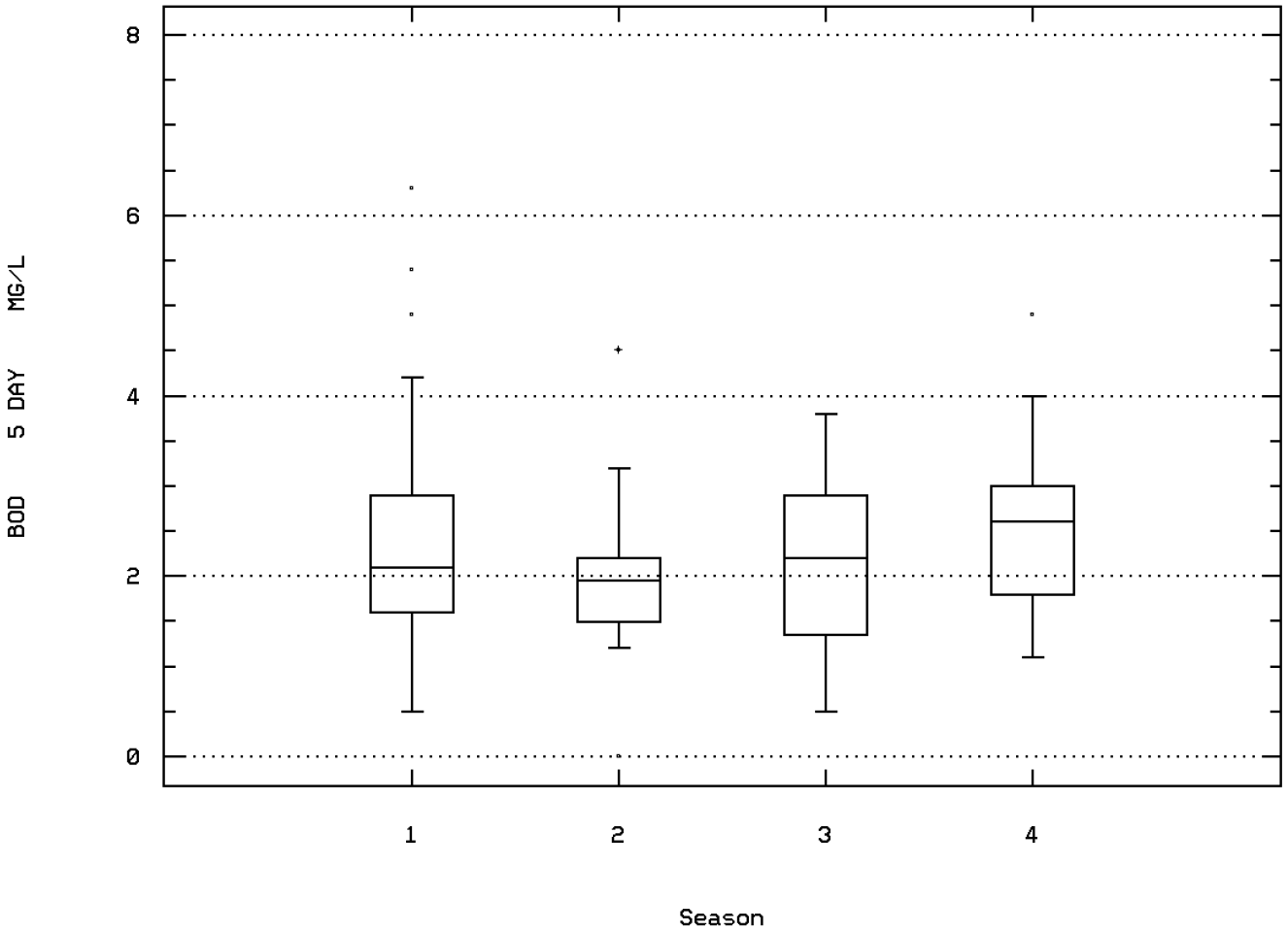
OXYGEN, DISSOLVED



U.HUDSON R. IN STILLWATER @ RT.67 BR.

Station: SARA0063 Parameter Code: 00310

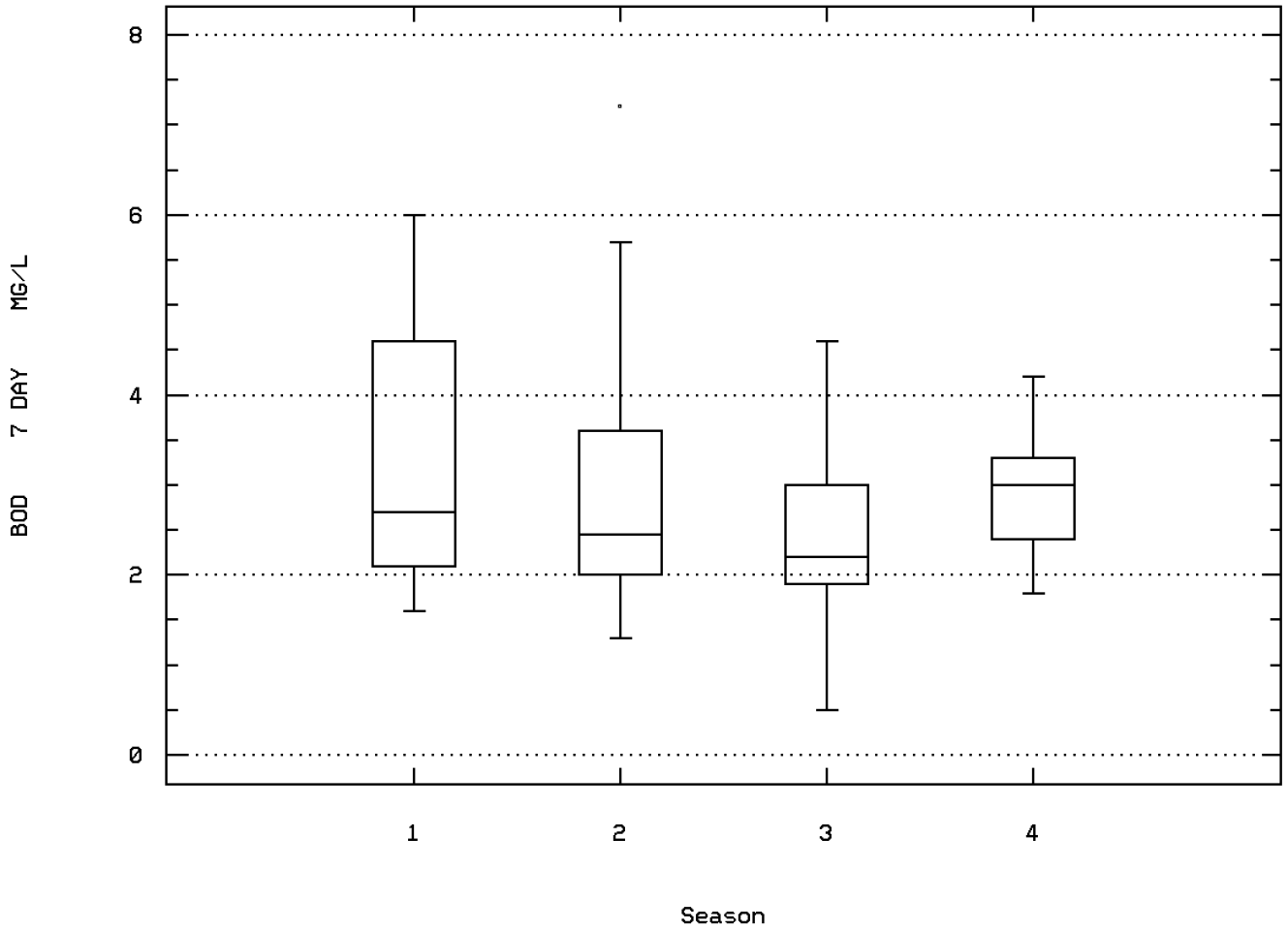
BOD, 5 DAY, 20 DEG C



U.HUDSON R. IN STILLWATER @ RT.67 BR.

Station: SARA0063 Parameter Code: 00315

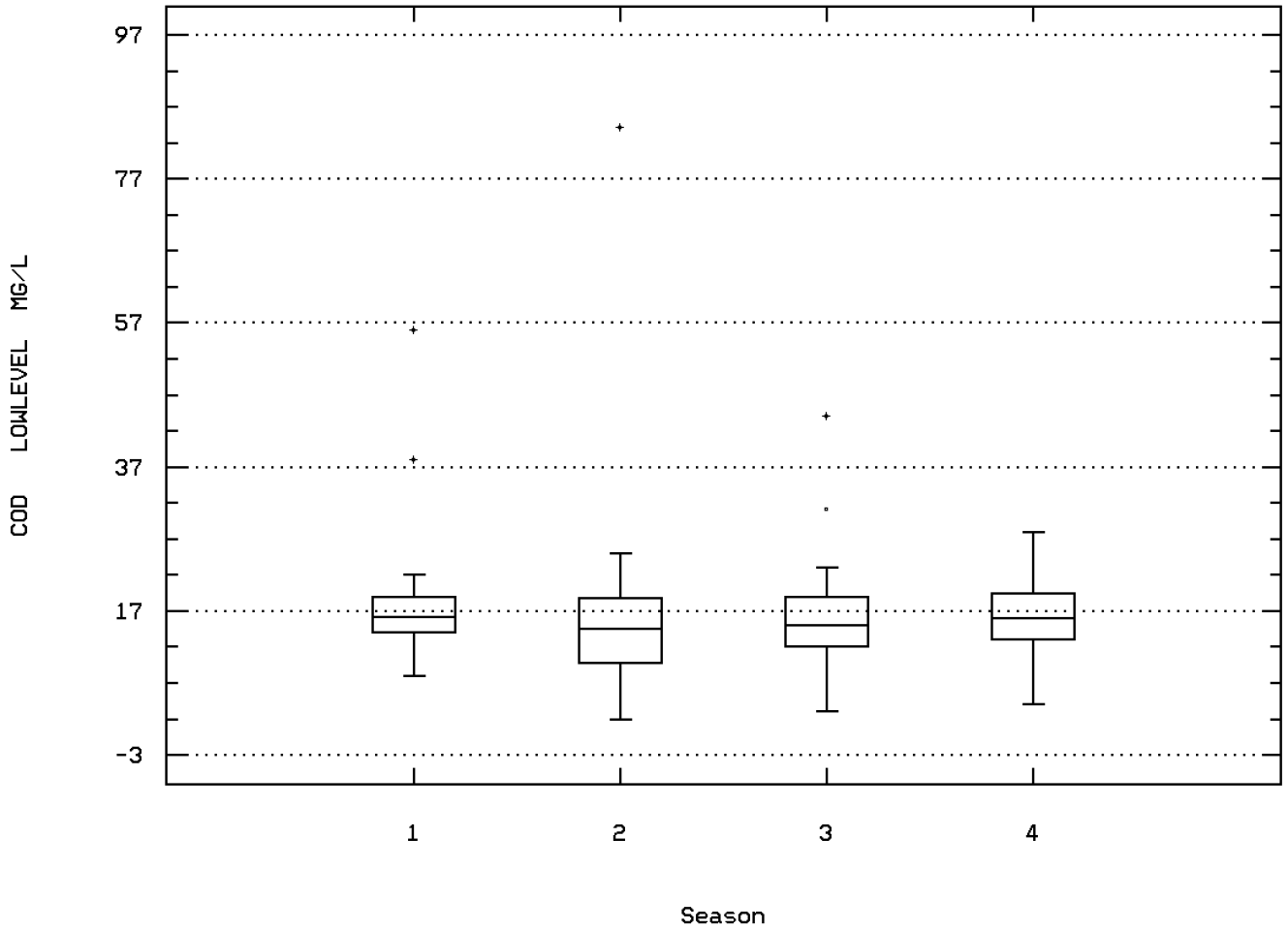
BOD, 7 DAY, 20 DEG C



U.HUDSON R. IN STILLWATER @ RT.67 BR.

Station: SARA0063 Parameter Code: 00335

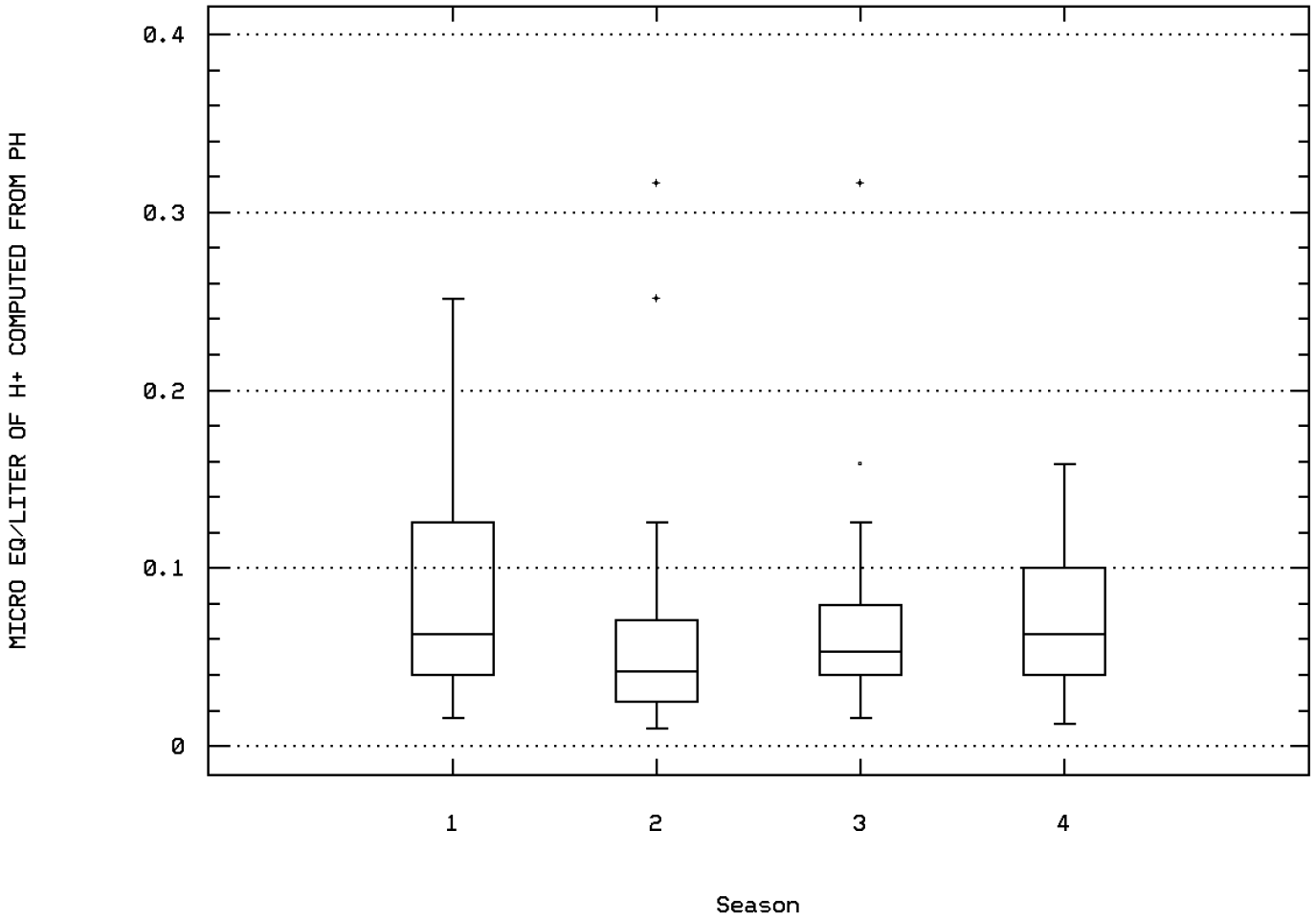
COD, .025N K2CR2O7



U.HUDSON R. IN STILLWATER @ RT.67 BR.

Station: SARA0063 Parameter Code: 00400

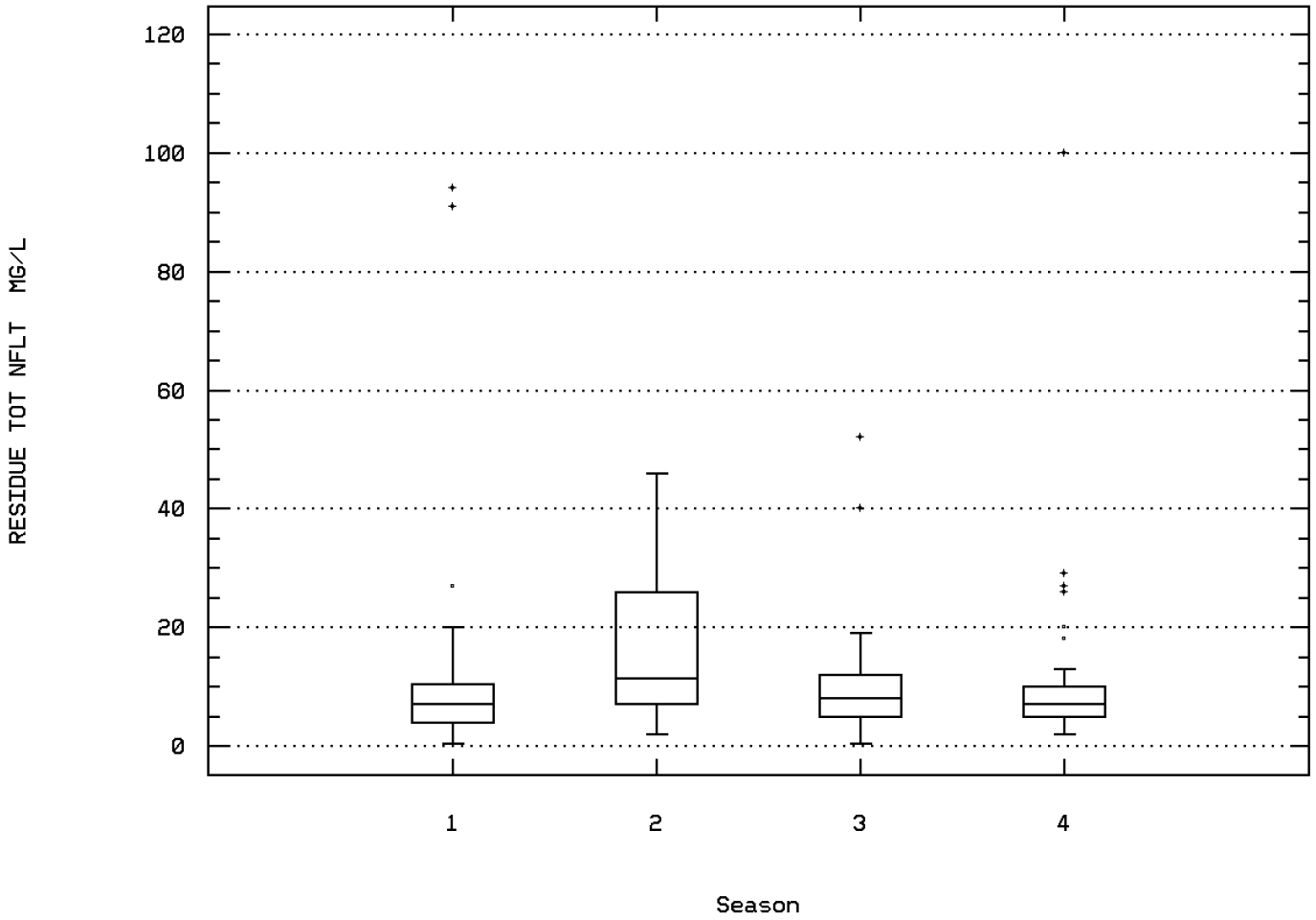
MICRO EQ/LITER OF H+ COMPUTED FROM PH



U.HUDSON R. IN STILLWATER @ RT.67 BR.

Station: SARA0063 Parameter Code: 00530

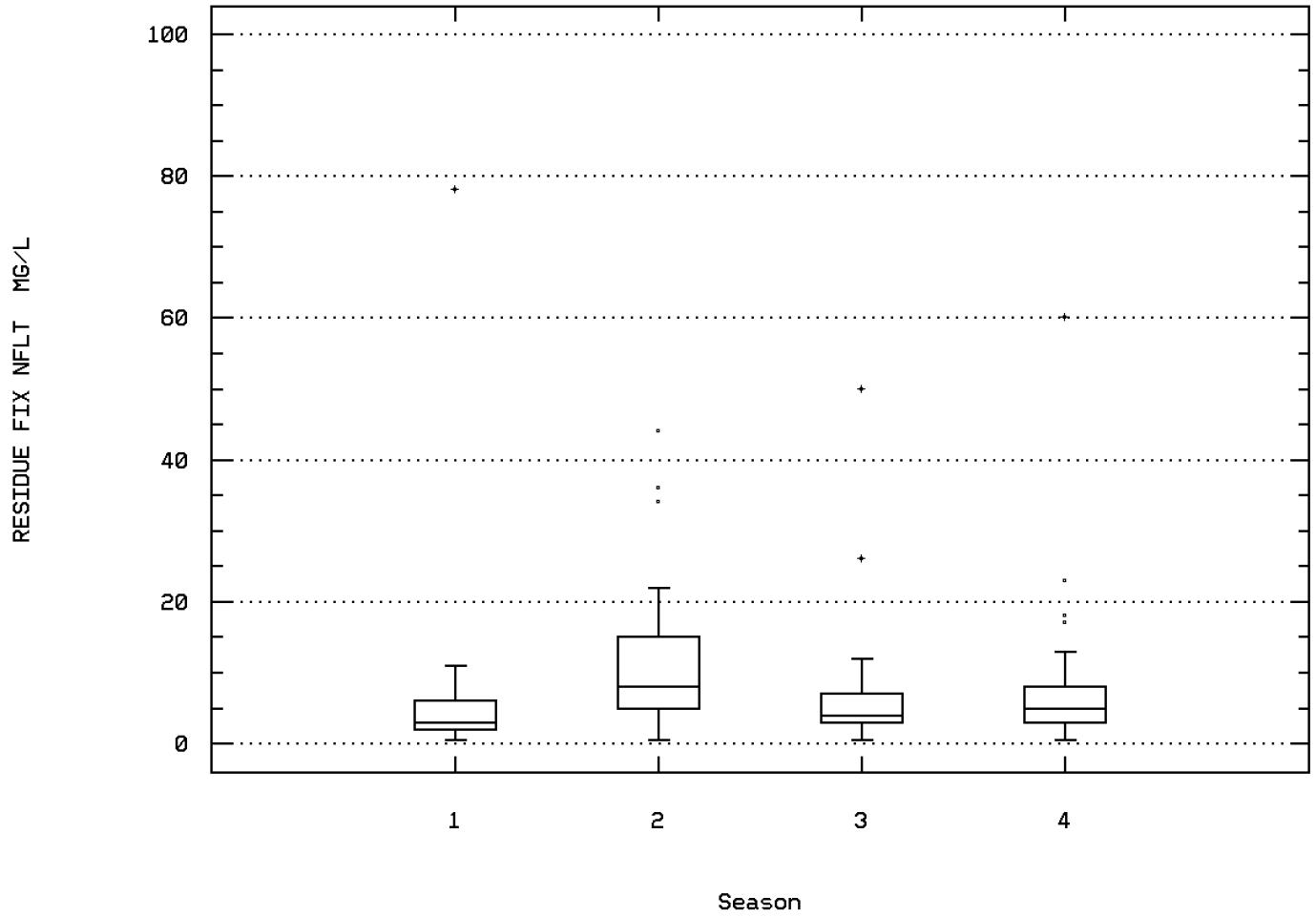
RESIDUE, TOTAL NONFILTRABLE (MG/L)



U.HUDSON R. IN STILLWATER @ RT.67 BR.

Station: SARA0063 Parameter Code: 00540

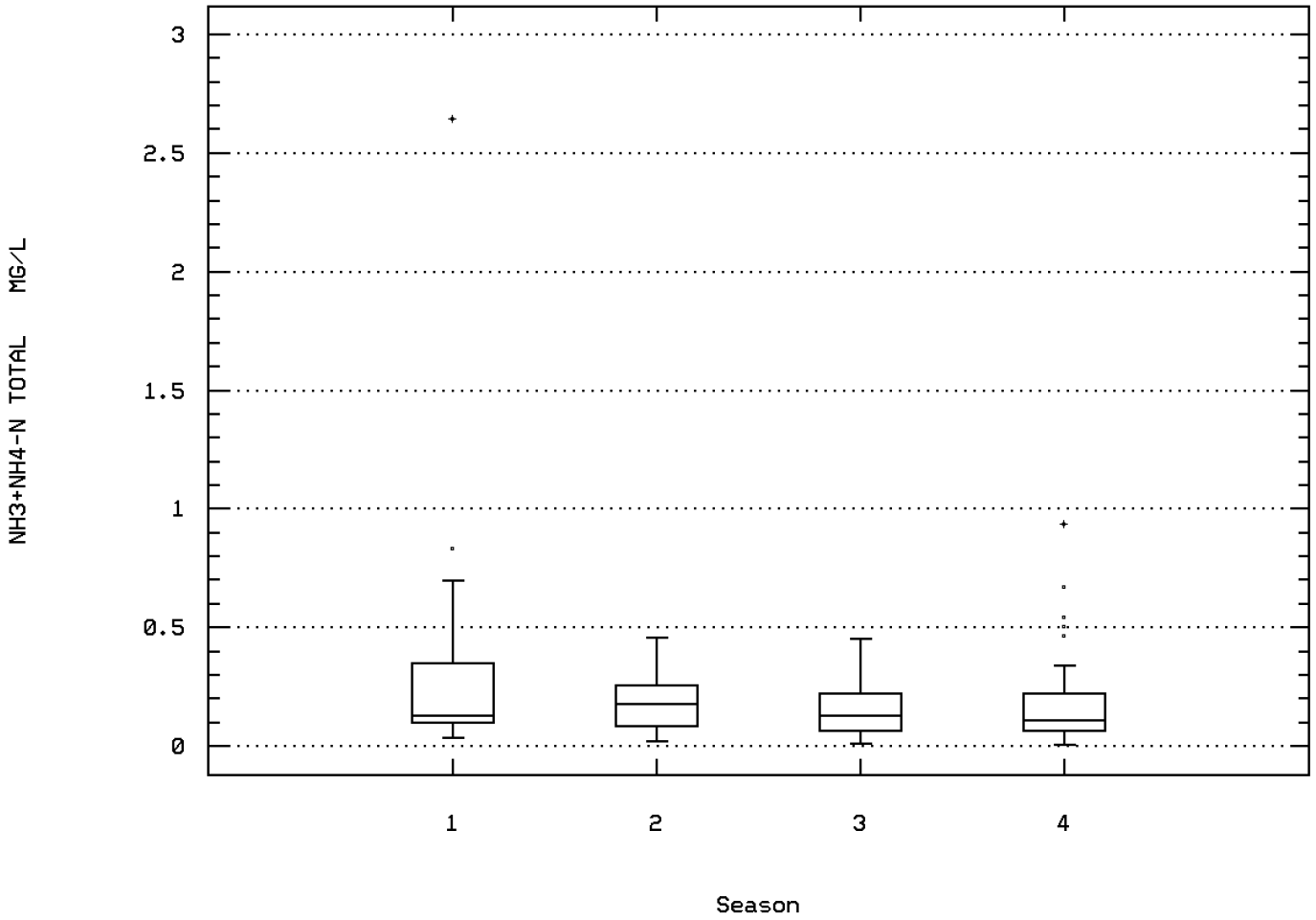
RESIDUE, FIXED NONFILTRABLE (MG/L)



U.HUDSON R. IN STILLWATER @ RT.67 BR.

Station: SARA0063 Parameter Code: 00610

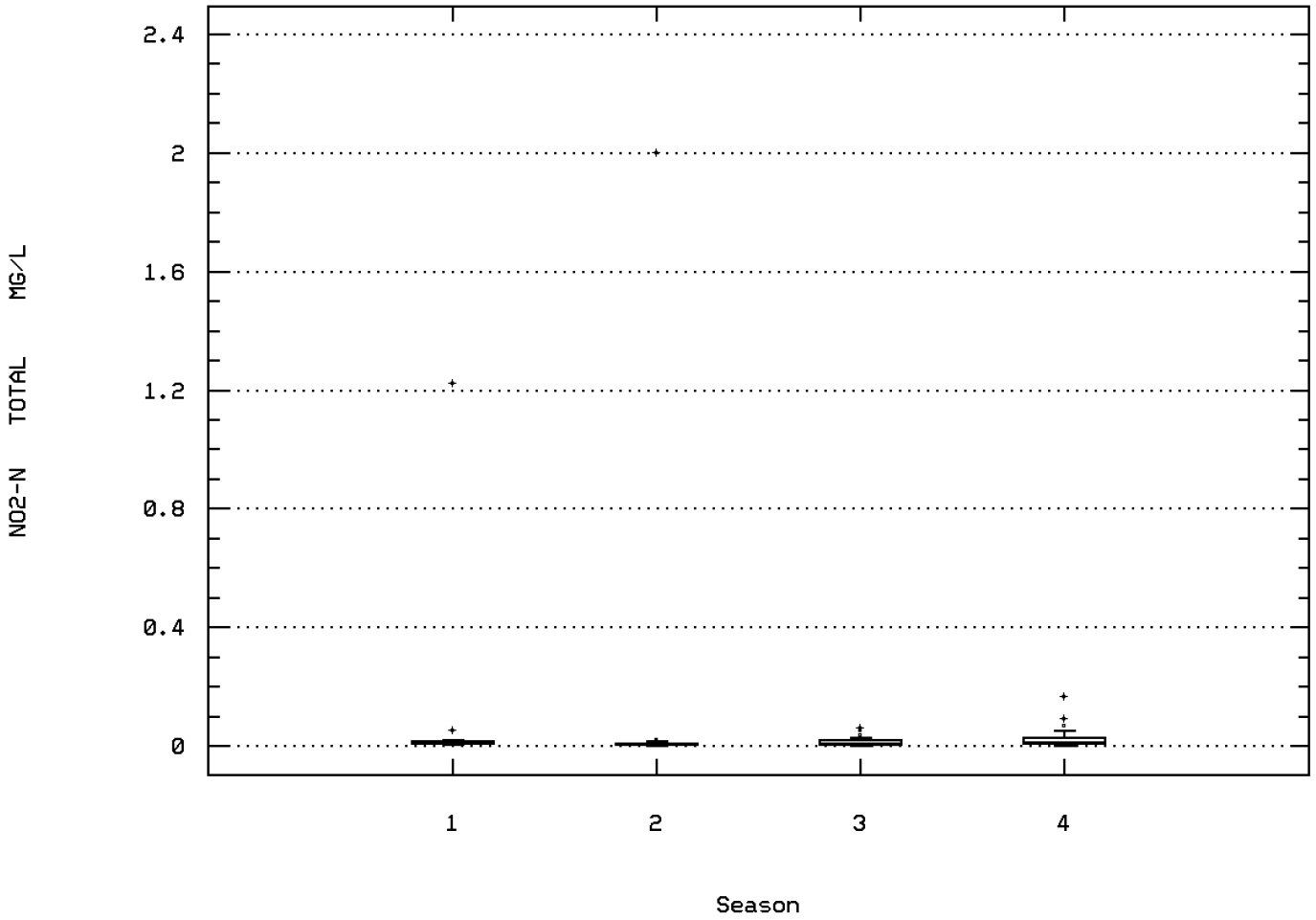
NITROGEN, AMMONIA, TOTAL (MG/L AS N)



U.HUDSON R. IN STILLWATER @ RT.67 BR.

Station: SARA0063 Parameter Code: 00615

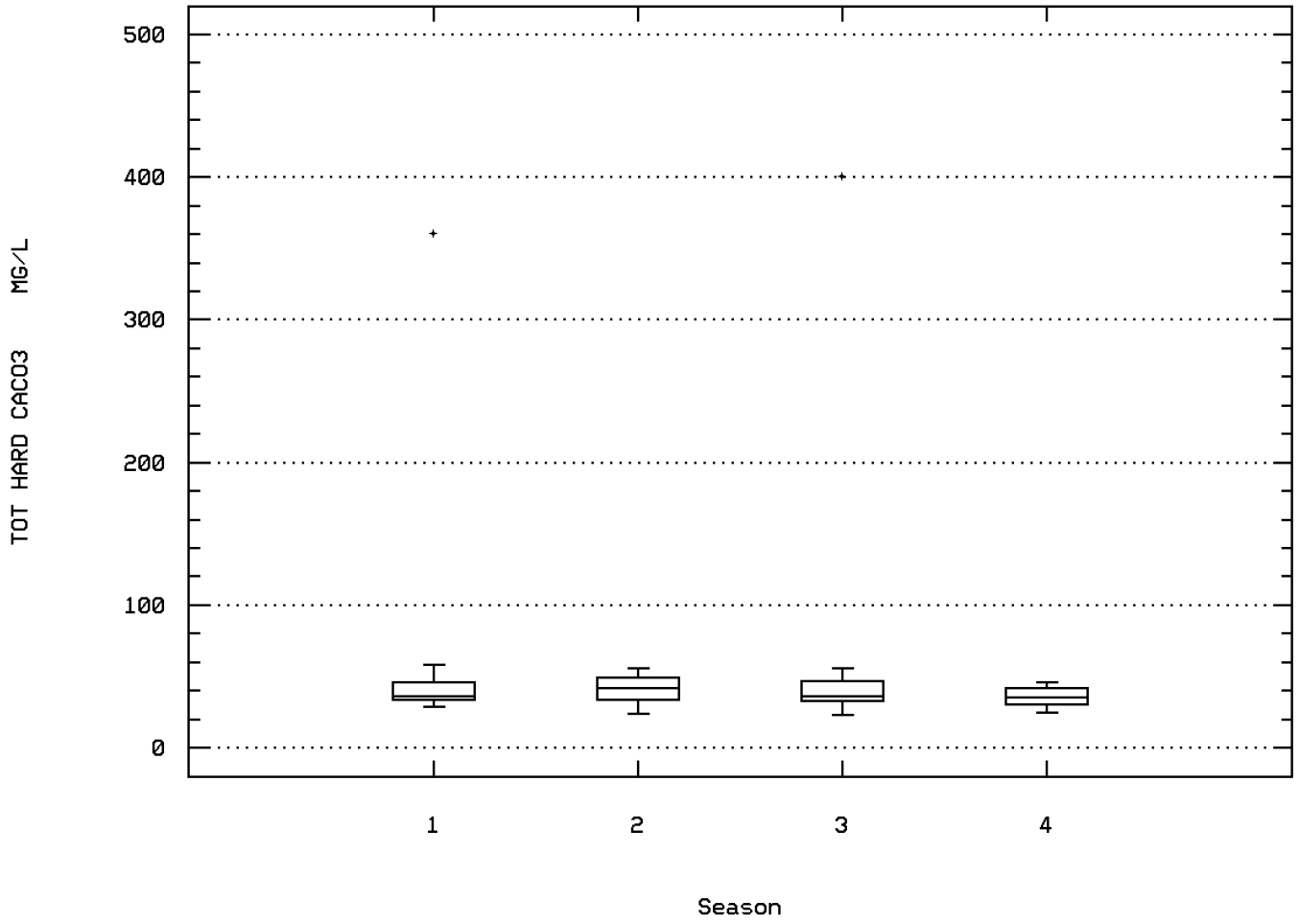
NITRITE NITROGEN, TOTAL (MG/L AS N)



U.HUDSON R. IN STILLWATER @ RT.67 BR.

Station: SARA0063 Parameter Code: 00900

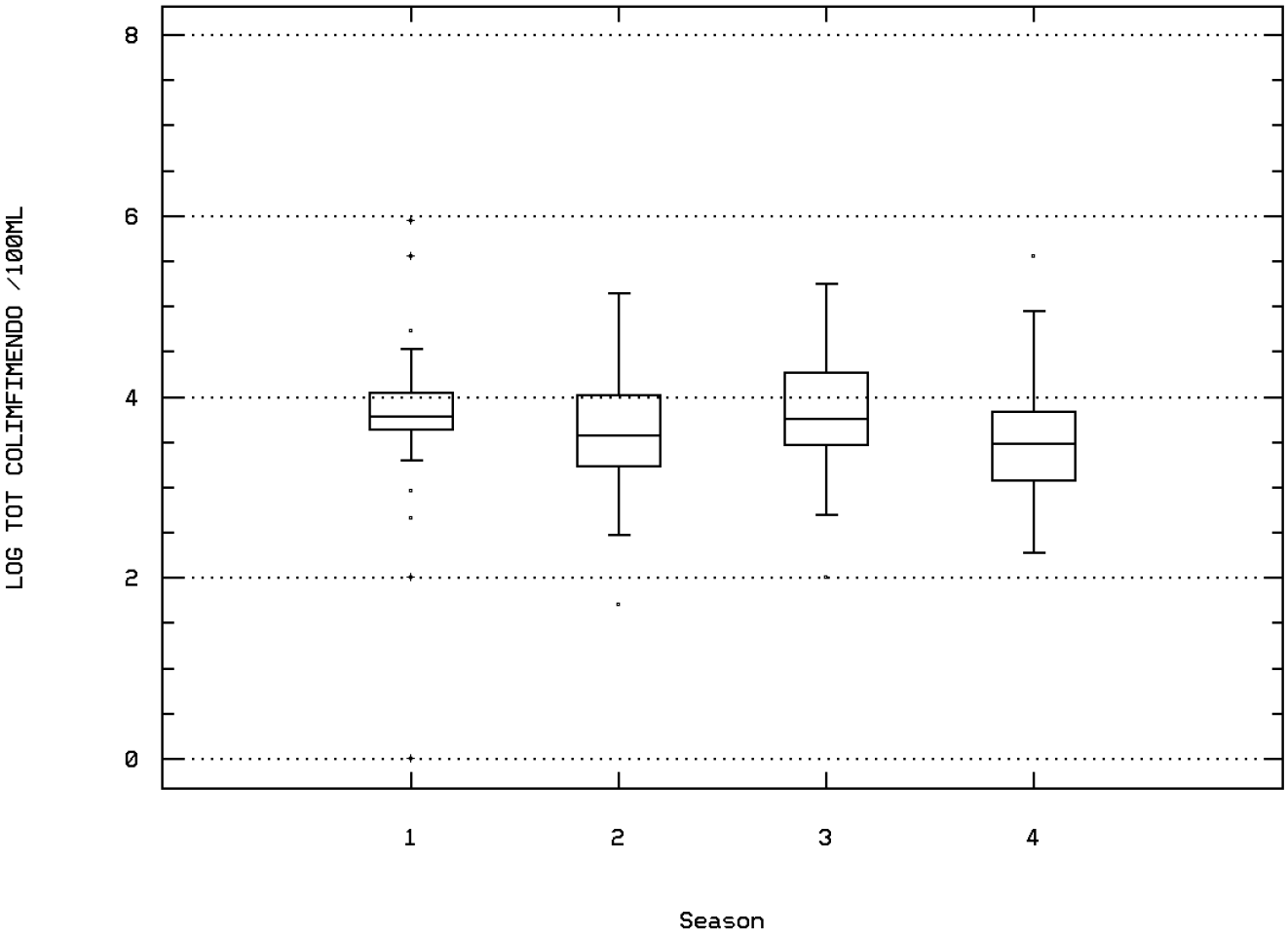
HARDNESS, TOTAL (MG/L AS CACO3)



U.HUDSON R. IN STILLWATER @ RT.67 BR.

Station: SARA0063 Parameter Code: 31501

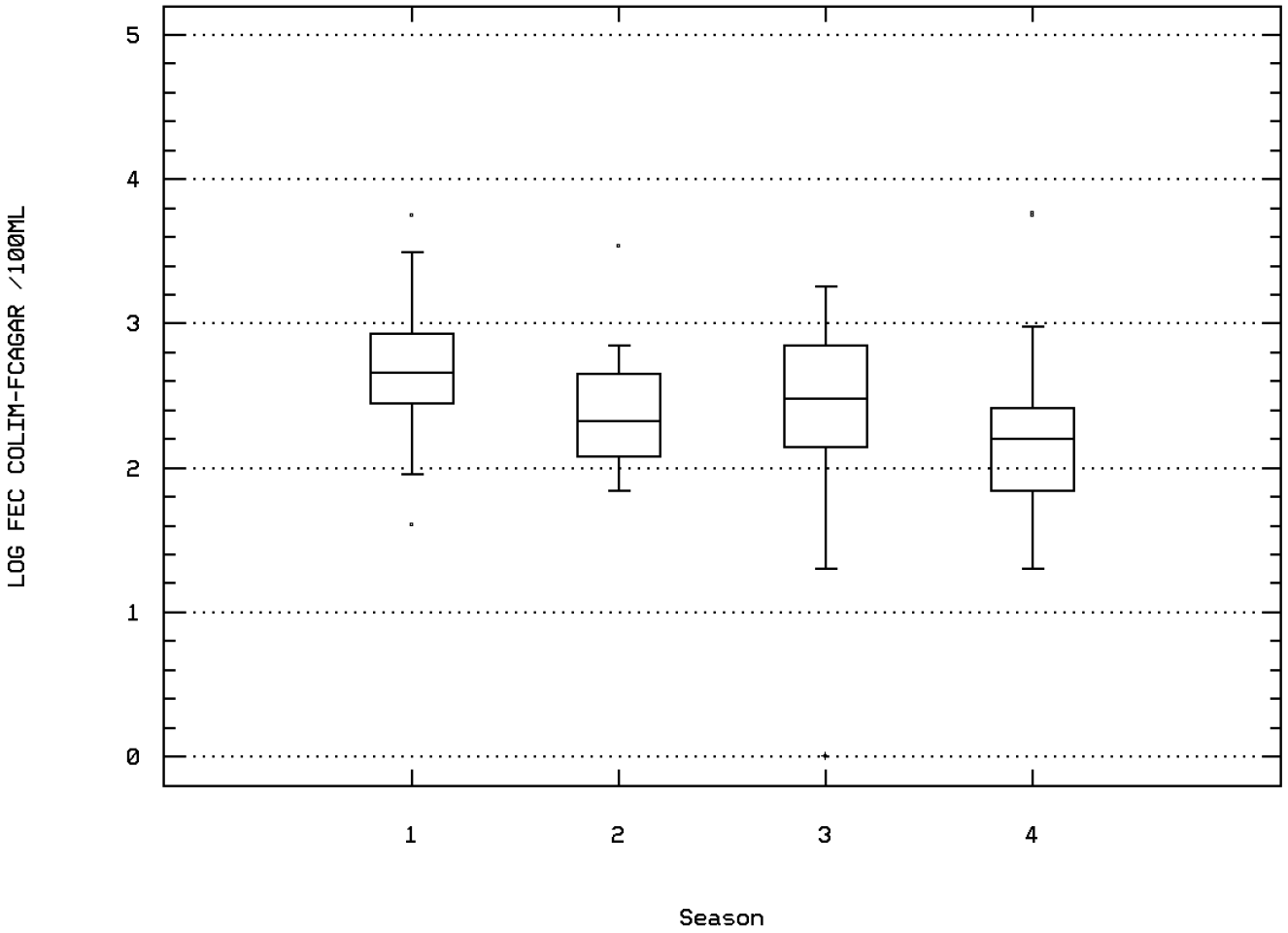
LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.



U.HUDSON R. IN STILLWATER @ RT.67 BR.

Station: SARA0063 Parameter Code: 31613

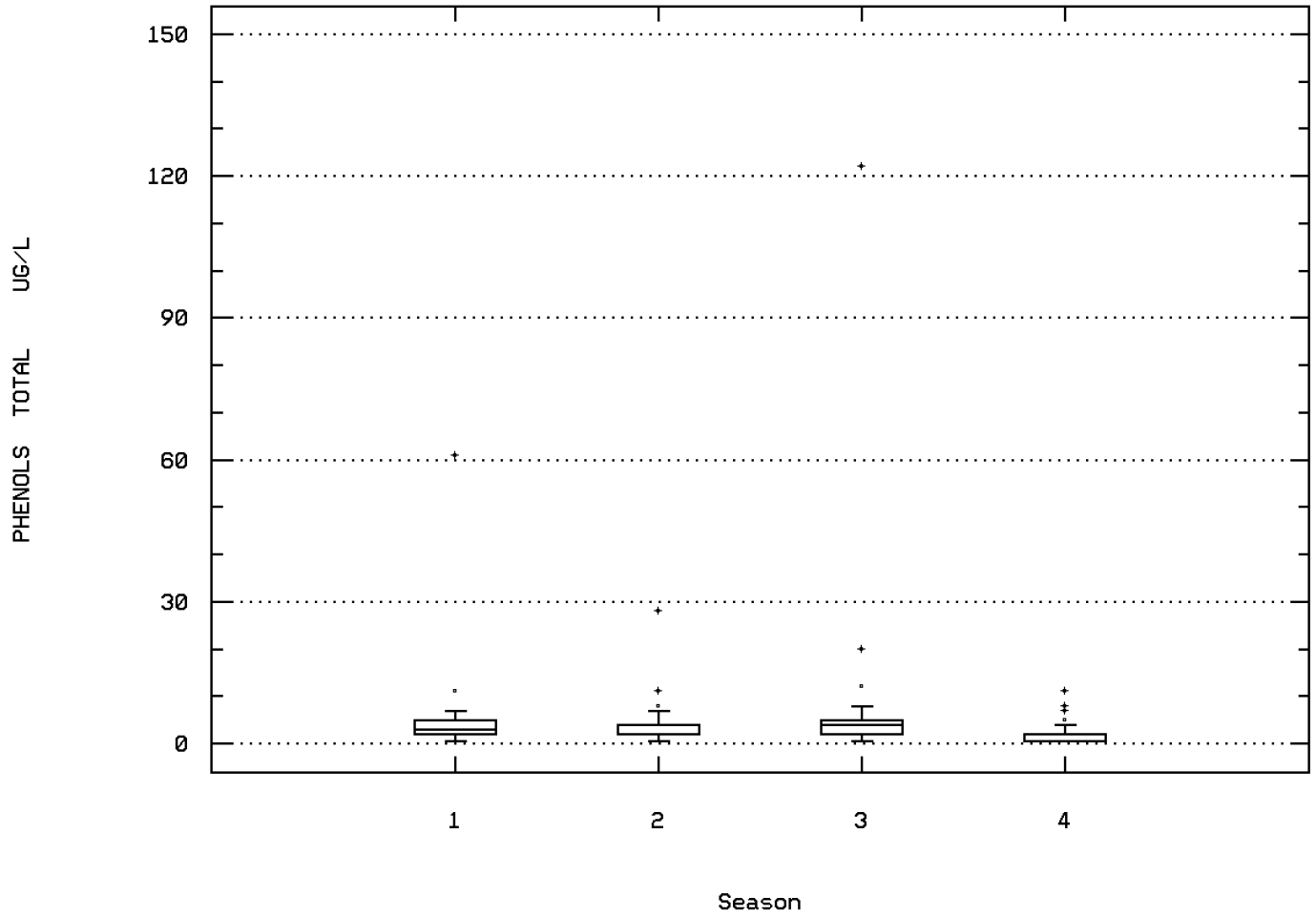
LOG FECAL COLIFORM,MEMBR FILTER,M-FC AG



U.HUDSON R. IN STILLWATER @ RT.67 BR.

Station: SARA0063 Parameter Code: 32730

PHENOLICS, TOTAL, RECOVERABLE (UG/L)



U.HUDSON R. IN STILLWATER @ RT.67 BR.

Station Inventory for Station: SARA0064

NPS Station ID: SARA0064
LAT/LON: 42.937781/ -73.651115
Agency: 21NYDEC1
Date Created: / /
Location: HUDSON RIVER
FIPS State/County: 36091 NEW YORK/SARATOGA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 11 0005 /01331095USGS
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02020003
Depth of Water: 0
Aquifer:
Major Basin: NYS MILE PT. - 165.7
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02020003031
RF1 Mile Point: 0.250
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02020003000200.00
RF3 Mile Point: 2.55
Distance from RF3: 0.05
On/Off RF3:
Description:
LOCATION... OFF DOWNSTREAM SIDE OF ROUTE 67 BRIDGE
DATE ACTIVATED..... 03-10-69
DATE DEACTIVATED..... (ACTIVE)
STREAM NAME..... HUDSON RIVER
STREAM INDEX..... H
STREAM CLASSIFICATION..... B
TOPO MAP NAME.. MECHANICVILLE
TOPO MAP NO... J-26-1
MILE POINT..... 165.7
GAZETTEER NO. 4527

Parameter Inventory for Station: SARA0064

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/10/69-11/12/86	146	14.75	13.658	28.5	0.	71.639	8.464	1.85	6.375	21.5	24.62
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/10/69-11/12/86	123	17.	16.53	37.2	-13.	112.829	10.622	7.	10.	26.	30.
00032	CLOUD COVER (PERCENT)	03/10/69-11/12/86	121	50.	51.901	100.	0.	1337.507	36.572	5.	10.	90.	99.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/15/69-09/09/76	80	5.	7.083	30.	1.	31.704	5.631	3.	3.7	8.25	14.9
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/12/76-11/12/86	73	2.7	4.966	72.	0.5	93.335	9.661	1.14	1.8	3.5	6.34
00080	COLOR (PLATINUM-COBALT UNITS)	04/15/69-09/29/71	33	30.	31.697	70.	20.	95.155	9.755	20.	25.	35.	40.
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	11/30/71-04/02/74	30	30.	30.033	45.	22.	34.723	5.893	23.	25.	33.25	38.9
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/10/69-11/12/86	127	110.	124.591	913.	54.	7719.45	87.86	87.	94.	125.	138.2
00300p	OXYGEN, DISSOLVED MG/L	03/10/69-11/12/86	150	9.	9.61	16.	3.	7.742	2.782	6.41	7.475	12.	13.6
00303	BOD, 1DAY, 20 DEG C MG/L	04/28/75-10/08/80	42	0.55	0.613	2.	0.05	0.156	0.395	0.1	0.4	0.8	1.24
00305	BOD, 3 DAY, 20 DEG C MG/L	04/28/75-09/11/80	19	1.9	1.784	3.	0.6	0.357	0.597	0.8	1.5	2.	2.6
00310p	BOD, 5 DAY, 20 DEG C MG/L	06/04/69-11/12/86	96	2.1	2.264	6.3	0.	1.188	1.09	1.17	1.6	2.9	3.7
00315p	BOD, 7 DAY, 20 DEG C MG/L	04/15/69-08/19/86	89	2.5	2.744	7.2	0.	1.716	1.31	1.4	2.	3.2	4.6
00335p	COD, .025N K2CR2O7 MG/L	03/10/69-04/30/86	93	16.	16.763	84.	2.	112.057	10.586	8.	12.	19.	24.6
00340	COD, .25N K2CR2O7 MG/L	06/27/78-07/21/83	27	17.	17.556	52.	0.	169.872	13.033	0.	10.	24.	38.6
00400p	PH (STANDARD UNITS)	04/15/69-11/12/86	136	7.2	7.231	8.	6.5	0.102	0.319	6.8	7.	7.488	7.665
00400p	CONVERTED PH (STANDARD UNITS)	04/15/69-11/12/86	136	7.2	7.116	8.	6.5	0.116	0.34	6.8	7.	7.487	7.665
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/15/69-11/12/86	136	0.063	0.077	0.316	0.01	0.004	0.061	0.022	0.033	0.1	0.158
00403	PH, LAB, STANDARD UNITS SU	07/21/83-12/19/85	2	6.85	6.85	7.2	6.5	0.245	0.495	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/21/83-12/19/85	2	6.722	6.722	7.2	6.5	0.278	0.527	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/21/83-12/19/85	2	0.19	0.19	0.316	0.063	0.032	0.179	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/27/78-12/19/85	61	26.	27.041	82.	0.5	94.219	9.707	19.2	23.	31.	35.
00420	ALKALINITY, HYDROXIDE (MG/L AS CACO3)	04/23/69-09/16/70	19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	03/10/69-05/26/77	47	23.	24.213	56.	5.	64.345	8.022	13.	20.	29.	33.2
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	04/23/69-09/16/70	19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00436	ACIDITY, MINERAL (METHYL ORANGE) (MG/L AS CACO3)	07/26/78-07/26/78	1	24.	24.	24.	24.	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: SARA0064

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00500	RESIDUE, TOTAL (MG/L)	03/10/69-09/29/71	36	79.	91.472	176.	60.	869.056	29.48	67.7	74.	101.75	141.7
00510	RESIDUE, TOTAL FIXED (MG/L)	03/10/69-09/29/71	36	61.	64.278	113.	43.	279.292	16.712	46.	53.25	69.75	90.6
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/10/69-11/12/86	124	8.	12.948	100.	0.5	269.751	16.424	2.5	5.	13.	28.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/11/75-11/12/86	77	4.	5.812	93.	0.5	126.132	11.231	1.	2.	6.	8.4
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/10/69-11/12/86	122	4.	7.053	78.	0.5	133.669	11.562	0.5	1.	7.	16.4
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	03/10/69-09/09/76	46	0.295	0.345	0.83	0.05	0.033	0.182	0.11	0.228	0.45	0.609
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/10/69-11/12/86	125	0.14	0.22	2.64	0.007	0.076	0.276	0.053	0.078	0.28	0.451
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/10/69-11/12/86	114	0.01	0.043	2.	0.001	0.047	0.218	0.003	0.006	0.016	0.036
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/10/69-09/09/76	52	0.345	0.363	0.77	0.02	0.024	0.155	0.2	0.263	0.47	0.537
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/11/75-10/09/86	49	0.58	0.628	1.4	0.1	0.09	0.3	0.29	0.4	0.8	1.
00629	NITROGEN, ORGANIC KJELDAHL, TOTAL (MG/L AS N)	09/09/76-09/09/76	1	0.93	0.93	0.93	0.93	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/26/77-11/12/86	71	0.4	0.421	0.8	0.05	0.025	0.157	0.24	0.3	0.53	0.658
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	06/11/75-09/09/76	16	0.205	0.216	0.68	0.06	0.029	0.169	0.06	0.075	0.28	0.547
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/10/69-09/29/71	36	0.11	0.112	0.29	0.01	0.004	0.06	0.034	0.073	0.145	0.2
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/29/75-11/12/86	80	0.005	0.008	0.08	0.	0.	0.011	0.001	0.002	0.009	0.014
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/10/69-11/12/86	52	36.	51.385	400.	23.	4486.124	66.979	29.	33.	45.75	54.8
00916	CALCIUM, TOTAL (MG/L AS CA)	03/10/69-09/29/71	36	11.	11.494	16.9	7.	5.624	2.371	8.97	10.	13.	15.09
00927	MAGNESIUM, TOTAL (MG/L AS MG)	03/10/69-09/29/71	36	2.	2.222	4.5	1.2	0.477	0.691	1.44	1.9	2.475	3.1
00929	SODIUM, TOTAL (MG/L AS NA)	03/10/69-09/29/71	36	4.35	4.658	9.1	1.7	2.919	1.708	2.34	3.5	5.675	7.29
00937	POTASSIUM, TOTAL MG/L AS K)	03/10/69-09/29/71	36	0.5	0.694	2.1	0.3	0.25	0.5	0.3	0.4	0.6	1.76
00940p	CHLORIDE,TOTAL IN WATER MG/L	03/10/69-12/19/85	116	6.	6.06	12.	2.	3.57	1.89	4.	5.	7.	9.
00945	SULFATE, TOTAL (MG/L AS SO4)	03/10/69-09/29/71	36	15.	15.722	33.	10.	15.292	3.911	11.7	14.	17.	19.
00951	FLUORIDE, TOTAL (MG/L AS F)	04/23/69-09/29/71	31	0.01	0.054	0.3	0.	0.005	0.071	0.002	0.01	0.08	0.186
01045	IRON, TOTAL (UG/L AS FE)	03/10/69-09/29/71	36	145.	158.333	500.	50.	7642.857	87.423	67.	100.	210.	256.
01055	MANGANESE, TOTAL (UG/L AS MN)	03/10/69-02/17/71	26	10.	19.231	130.	0.	863.385	29.383	0.	0.	30.	60.
01077	SILVER, TOTAL (UG/L AS AG)	05/24/83-05/24/83	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/30/71-09/18/86	122	6000.	28697.213	890000.	0.	8892211491.343	94298.523	1130.	2975.	15250.	59400.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/30/71-09/18/86	122	3.778	3.814	5.949	0.	0.544	0.737	3.053	3.473	4.183	4.774
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			6518.239								
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	03/10/69-09/29/71	32	1950.	4804.375	34000.	0.	58378838.306	7640.605	100.	525.	5050.	16100.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	03/10/69-09/29/71	32	3.29	3.143	4.531	0.	0.815	0.903	2.	2.719	3.703	4.205
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			1390.788								
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	04/15/69-04/23/69	2	18750.	18750.	31000.	6500.	300125000.	17324.116	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	04/15/69-04/23/69	2	4.152	4.152	4.491	3.813	0.23	0.48	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			14195.07								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	10/29/75-09/18/86	72	225.	461.667	5800.	20.	604037.437	777.198	62.1	100.	530.	835.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	10/29/75-09/18/86	72	2.352	2.386	3.763	1.301	0.228	0.477	1.793	2.	2.724	2.922
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			243.146								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/07/71-09/10/75	49	300.	688.061	5600.	0.	1339657.1	1157.436	60.	145.	765.	1400.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/07/71-09/10/75	49	2.477	2.465	3.748	0.	0.403	0.635	1.778	2.161	2.882	3.146
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			291.556								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/07/71-04/02/74	33	50.	135.515	500.	4.	24294.258	155.866	7.	12.	230.	398.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/07/71-04/02/74	33	1.699	1.714	2.699	0.602	0.474	0.689	0.845	1.079	2.36	2.6
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			51.819								
31748	STD PLATE COUNT,PLATE COUNT AGAR, 35 C 48 HRS	06/26/75-06/26/75	1	2000.	2000.	2000.	2000.	0.	0.	**	**	**	**
31748	LOG STD PLATE COUNT,PLATE COUNT AGAR, 35 C 48 HRS	06/26/75-06/26/75	1	3.301	3.301	3.301	3.301	0.	0.	**	**	**	**
31748	GM STD PLATE COUNT,PLATE COUNT AGAR, 35 C 48 HRS	GEOMETRIC MEAN =			2000.								
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	07/07/71-04/02/74	34	6250.	20333.235	430000.	430.	5298998161.943	72794.218	1600.	3375.	10250.	26000.
31751	LOG PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	07/07/71-04/02/74	34	3.795	3.773	5.633	2.633	0.288	0.537	3.142	3.527	4.01	4.407
31751	GM PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	GEOMETRIC MEAN =			5931.935								
32730p	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	04/23/69-11/12/86	162	2.	3.895	122.	0.005	119.936	10.952	0.5	1.	4.	7.
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/26/77-11/12/86	73	0.03	0.028	0.1	0.005	0.	0.017	0.01	0.02	0.03	0.04

** - 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 time series plot

EPA Water Quality Criteria Analysis for Station: SARA0064

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/20-2/29 Obs	9/20-2/29 Exceed	9/20-2/29 Prop.	3/01-4/30 Obs	3/01-4/30 Exceed	3/01-4/30 Prop.	5/01-6/30 Obs	5/01-6/30 Exceed	5/01-6/30 Prop.	7/01-9/19 Obs	7/01-9/19 Exceed	7/01-9/19 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	80	0	0.00	28	0	0.00	15	0	0.00	17	0	0.00	20	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

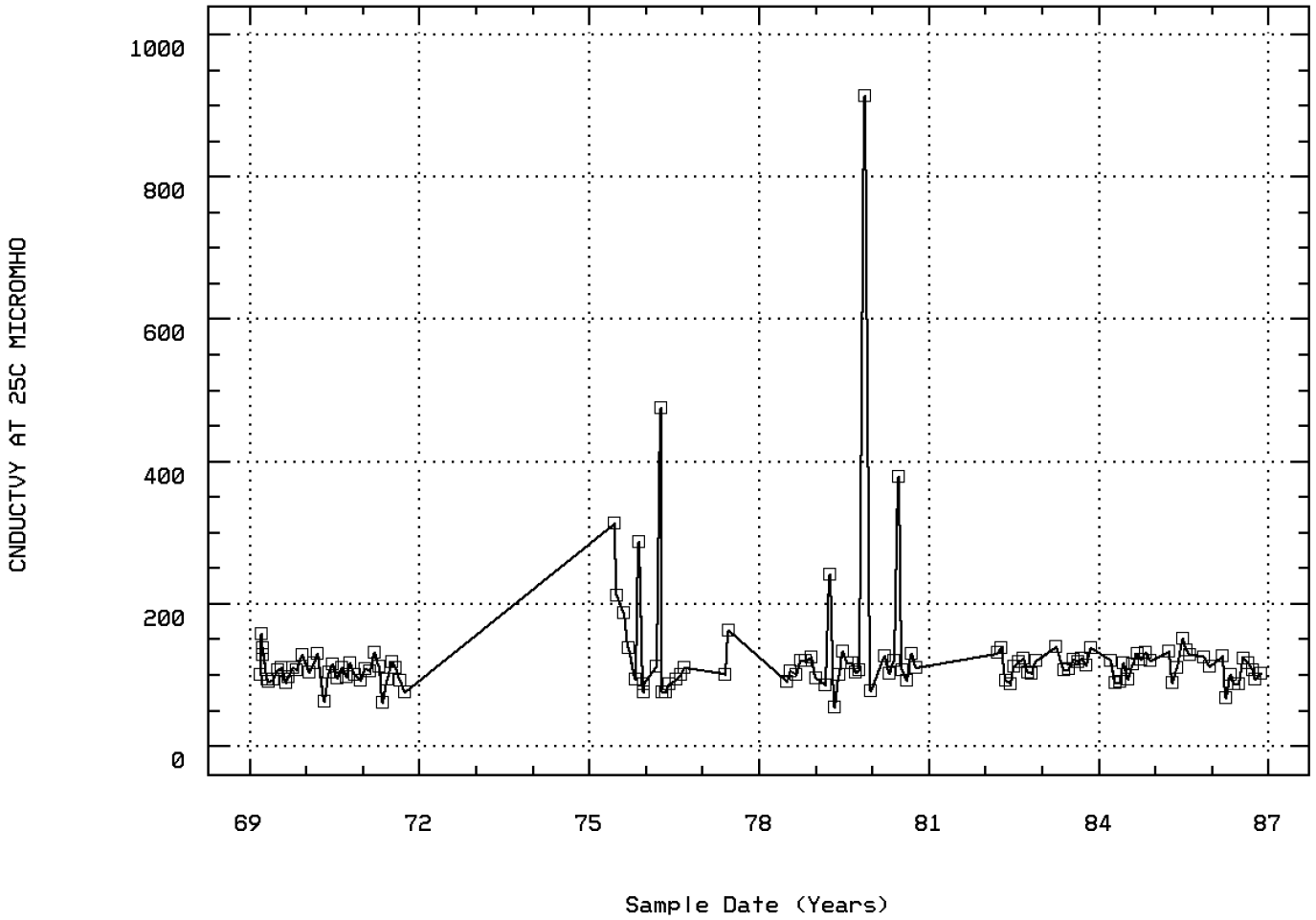
EPA Water Quality Criteria Analysis for Station: SARA0064

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/20-2/29 Obs	9/20-2/29 Exceed	9/20-2/29 Prop.	3/01-4/30 Obs	3/01-4/30 Exceed	3/01-4/30 Prop.	5/01-6/30 Obs	5/01-6/30 Exceed	5/01-6/30 Prop.	7/01-9/19 Obs	7/01-9/19 Exceed	7/01-9/19 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	73	1	0.01	19	1	0.05	14	0	0.00	18	0	0.00	22	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	150	2	0.01	47	0	0.00	31	0	0.00	31	0	0.00	41	2	0.05
00400	PH	Other-Hi Lim.	9.	136	0	0.00	43	0	0.00	25	0	0.00	28	0	0.00	40	0	0.00
		Other-Lo Lim.	6.5	136	3	0.02	43	0	0.00	25	2	0.08	28	1	0.04	40	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	2	0	0.00	1	0	0.00							1	0	0.00
		Other-Lo Lim.	6.5	2	1	0.50	1	1	1.00							1	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	114	2	0.02	30	1	0.03	25	1	0.04	26	0	0.00	33	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	52	0	0.00	14	0	0.00	12	0	0.00	12	0	0.00	14	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	71	0	0.00	18	0	0.00	13	0	0.00	18	0	0.00	22	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	116	0	0.00	32	0	0.00	23	0	0.00	28	0	0.00	33	0	0.00
		Drinking Water	250.	116	0	0.00	32	0	0.00	23	0	0.00	28	0	0.00	33	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	36	0	0.00	11	0	0.00	9	0	0.00	7	0	0.00	9	0	0.00
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	31	0	0.00	10	0	0.00	5	0	0.00	7	0	0.00	9	0	0.00
01077	SILVER, TOTAL	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	122	114	0.93	37	35	0.95	20	20	1.00	29	27	0.93	36	32	0.89
31503	COLIFORM,TOT,MEMBRANE FILTR,DELAY. M-END	Other-Hi Lim.	1000.	32	19	0.59	11	7	0.64	6	3	0.50	7	4	0.57	8	5	0.63
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	2	2	1.00				2	2	1.00						
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	72	41	0.57	20	16	0.80	10	6	0.60	19	10	0.53	23	9	0.39
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	49	33	0.67	17	16	0.94	10	5	0.50	9	7	0.78	13	5	0.38

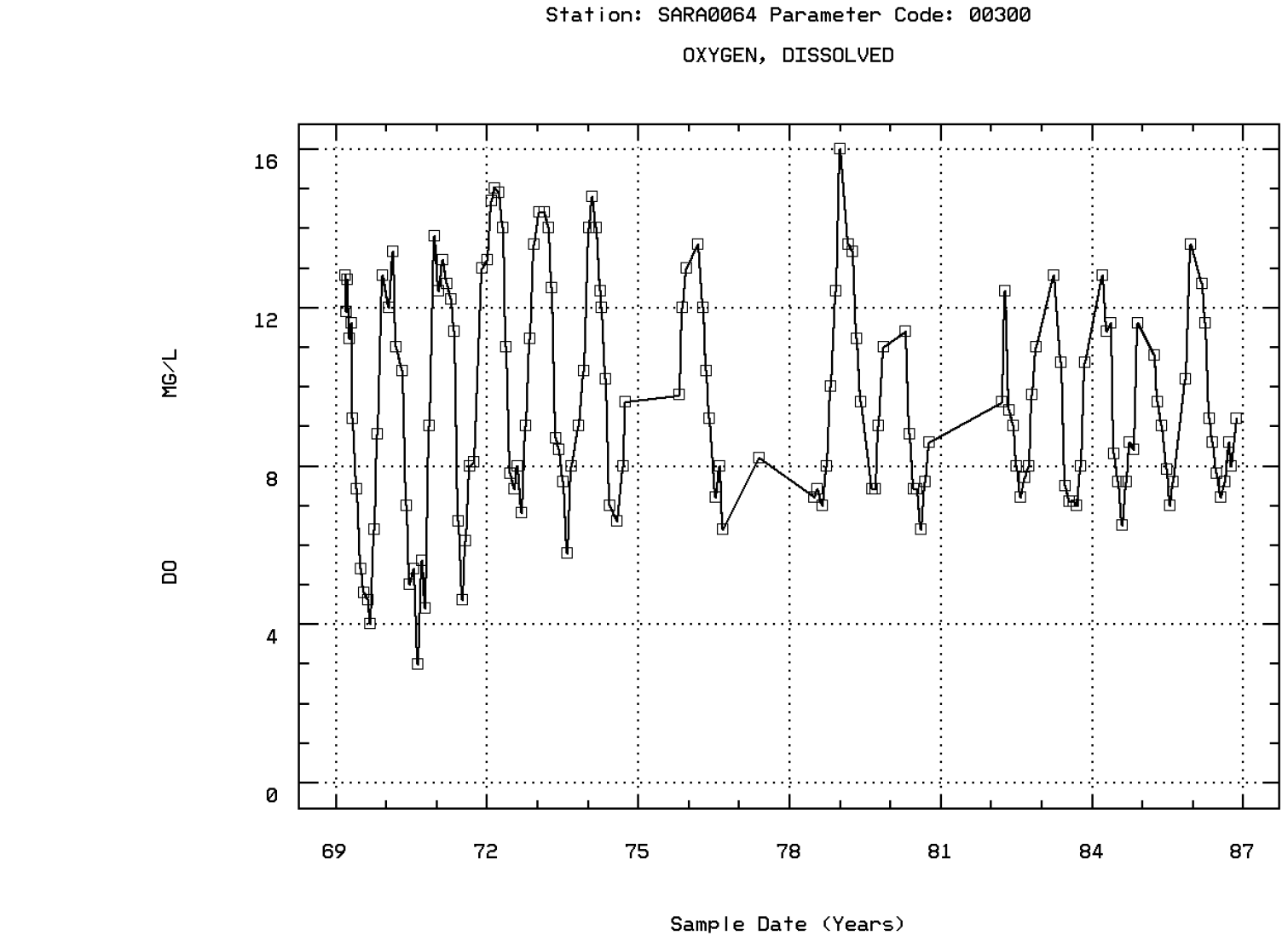
& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station: SARA0064 Parameter Code: 00095

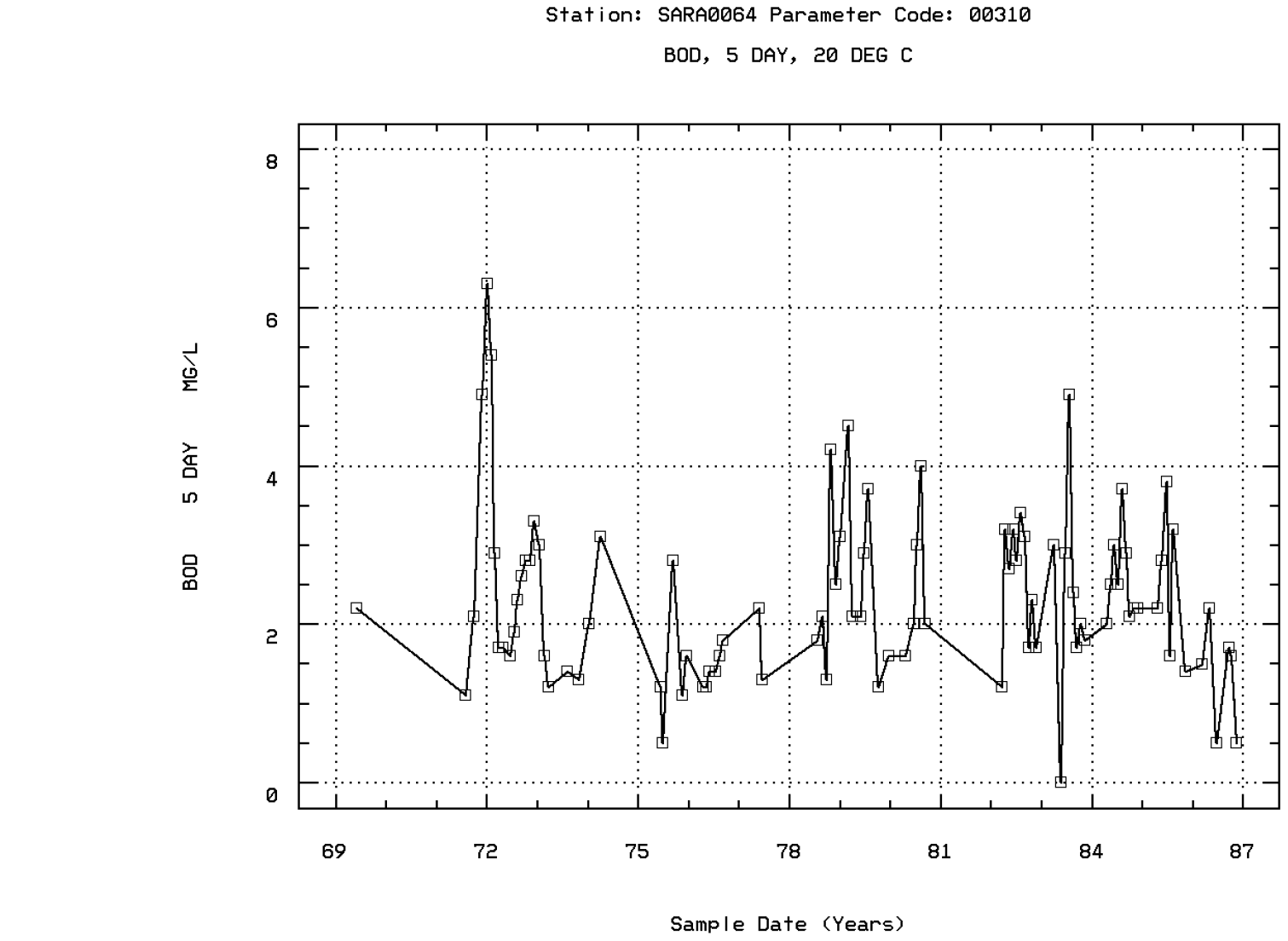
SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)



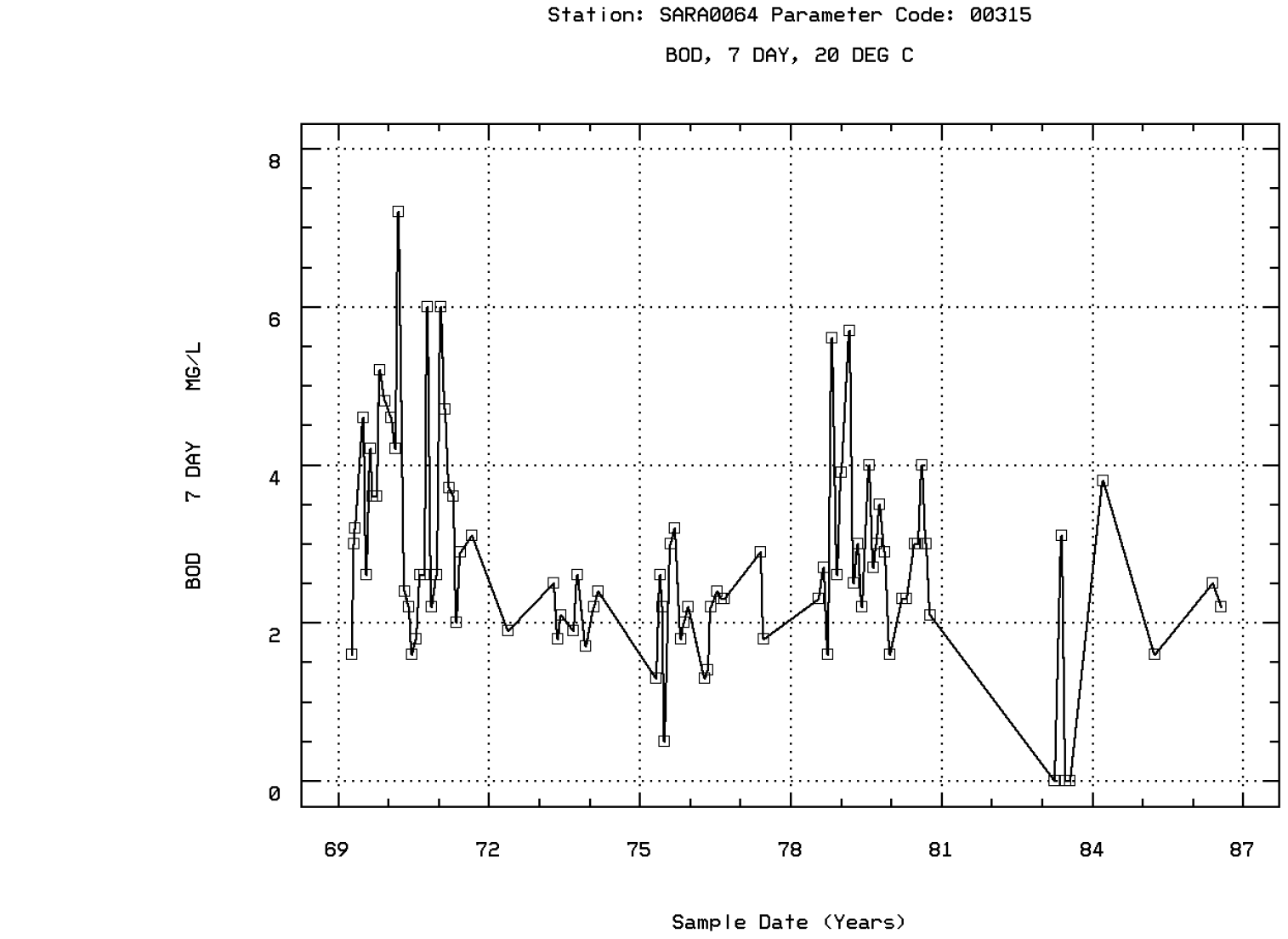
HUDSON RIVER



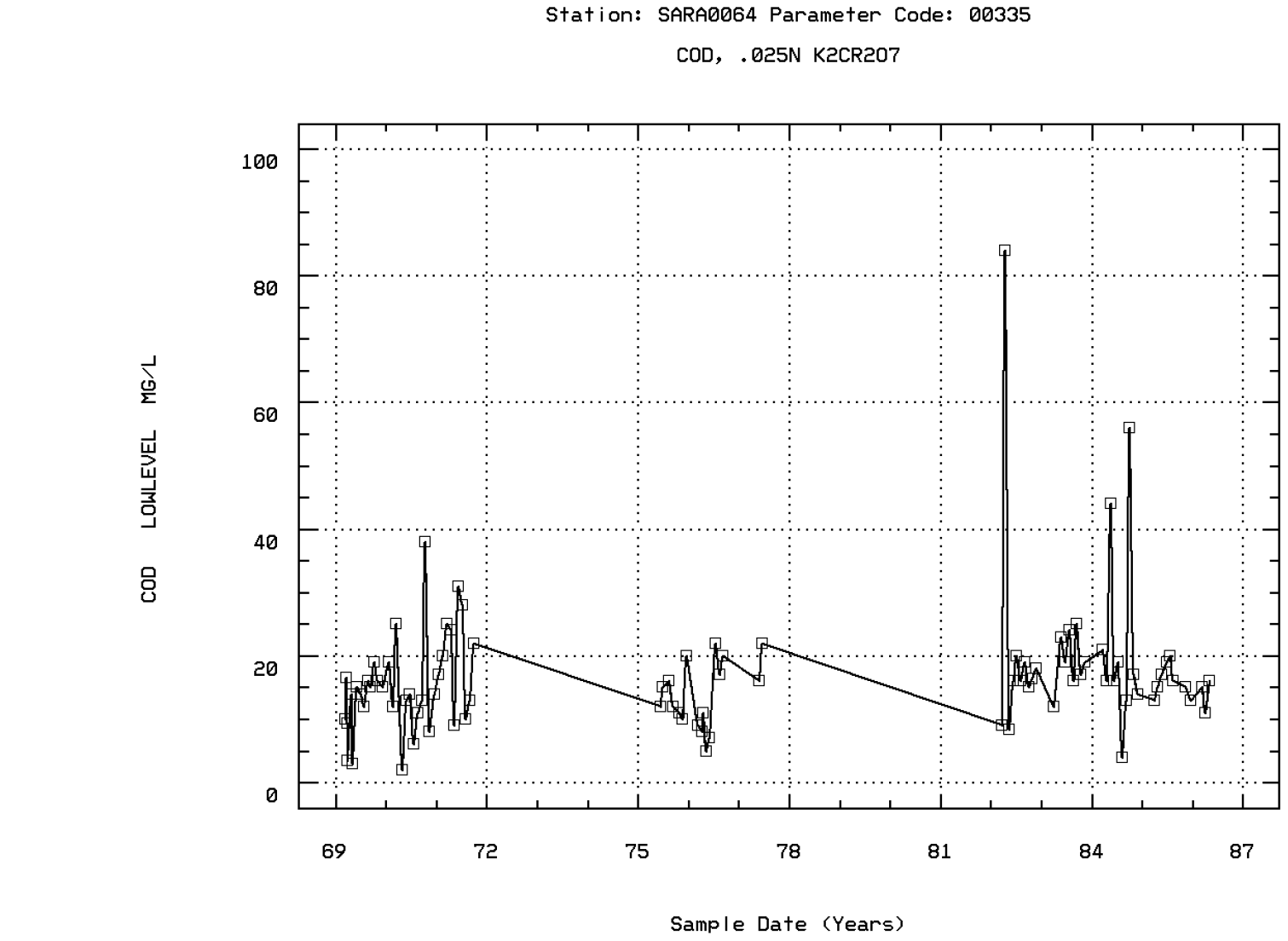
HUDSON RIVER



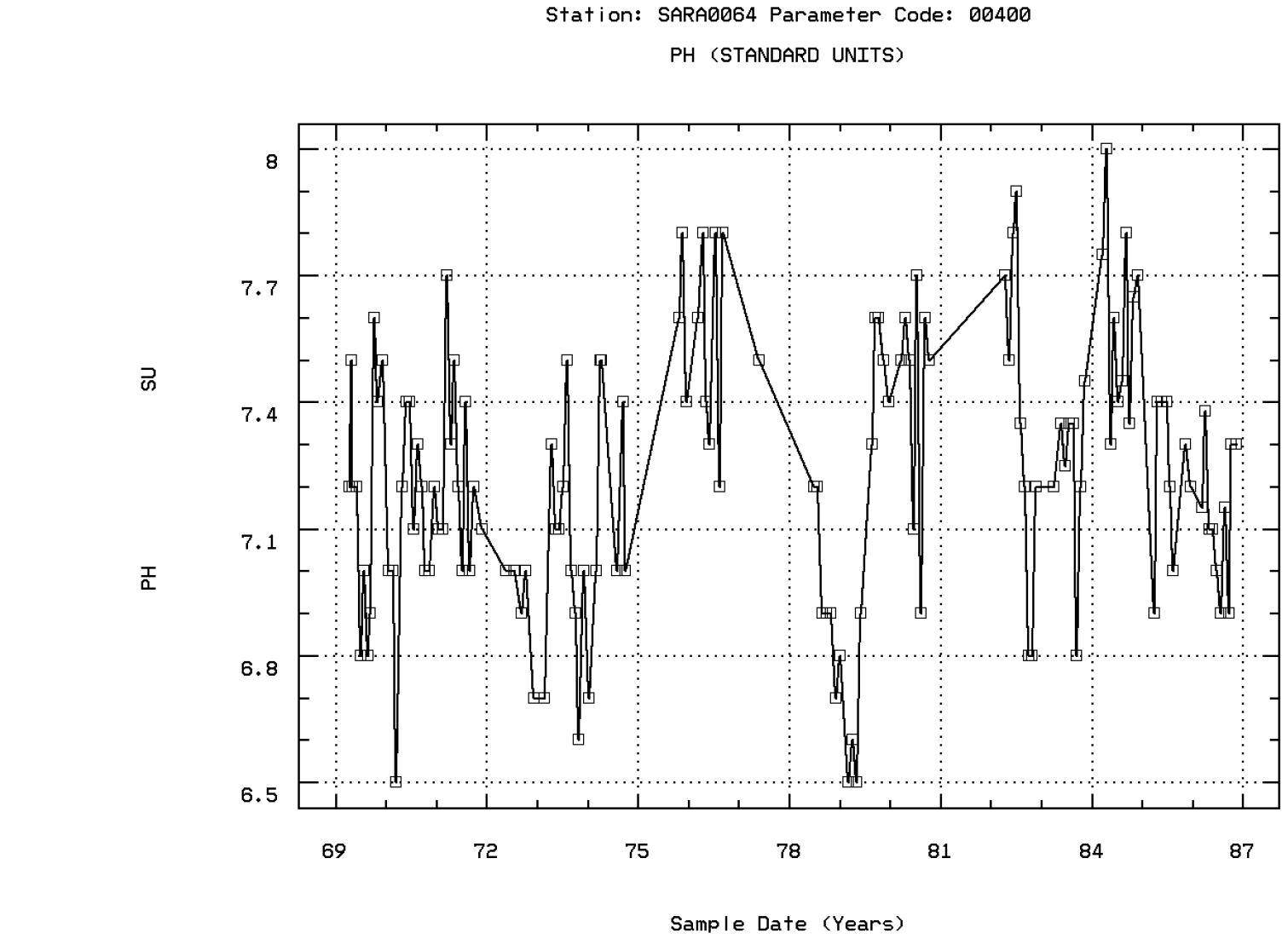
HUDSON RIVER



HUDSON RIVER



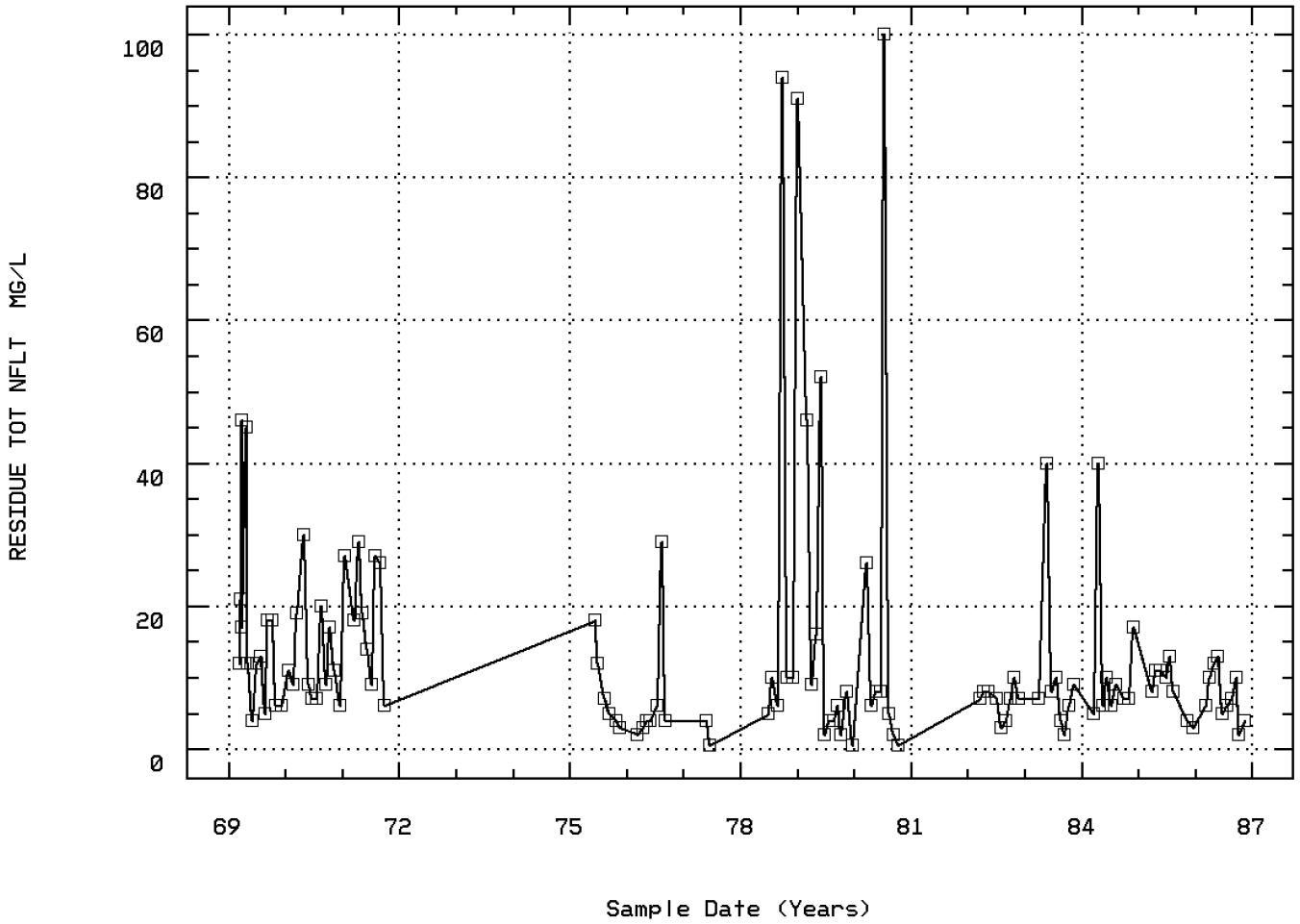
HUDSON RIVER



HUDSON RIVER

Station: SARA0064 Parameter Code: 00530

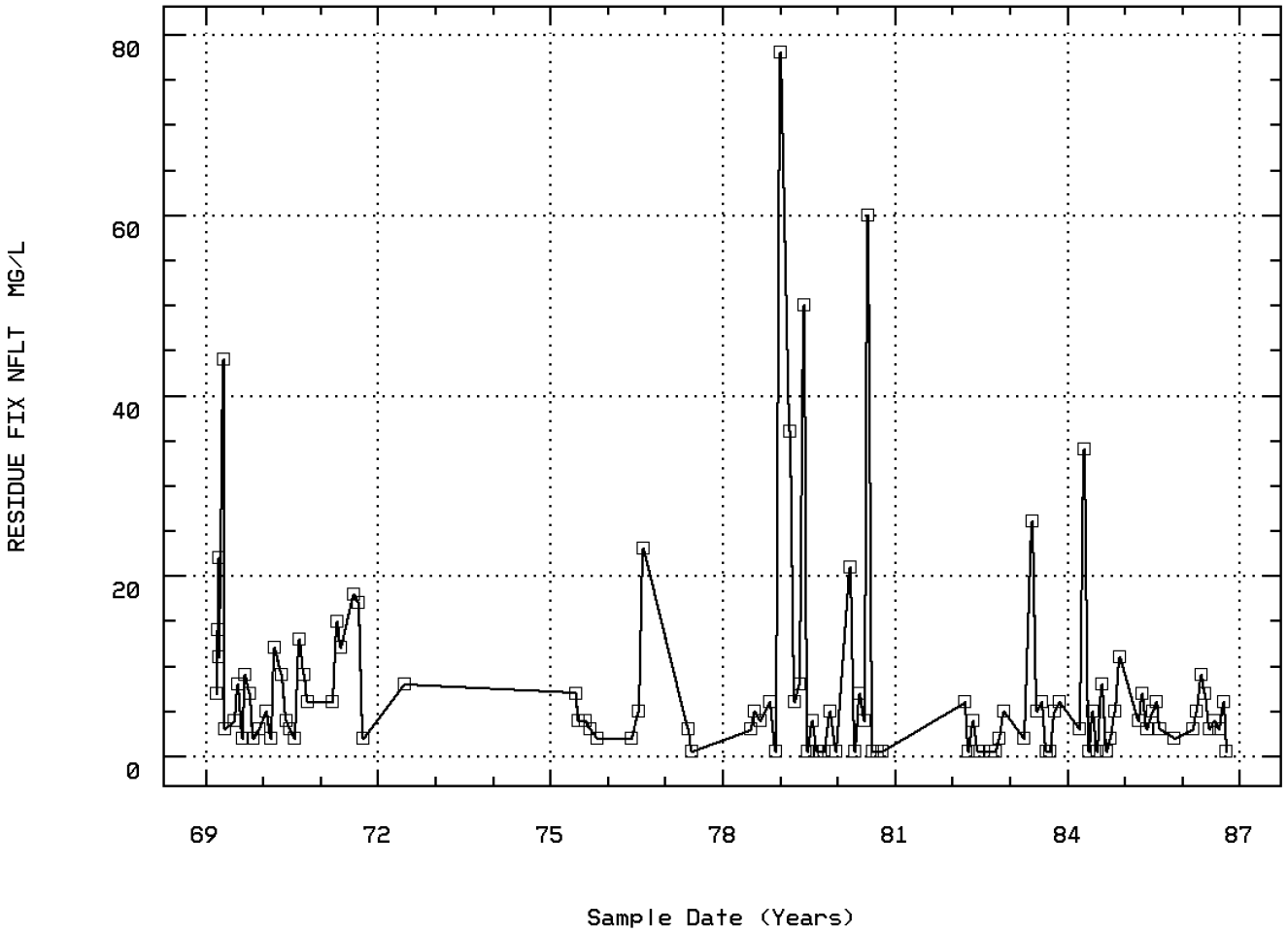
RESIDUE, TOTAL NONFILTRABLE (MG/L)



HUDSON RIVER

Station: SARA0064 Parameter Code: 00540

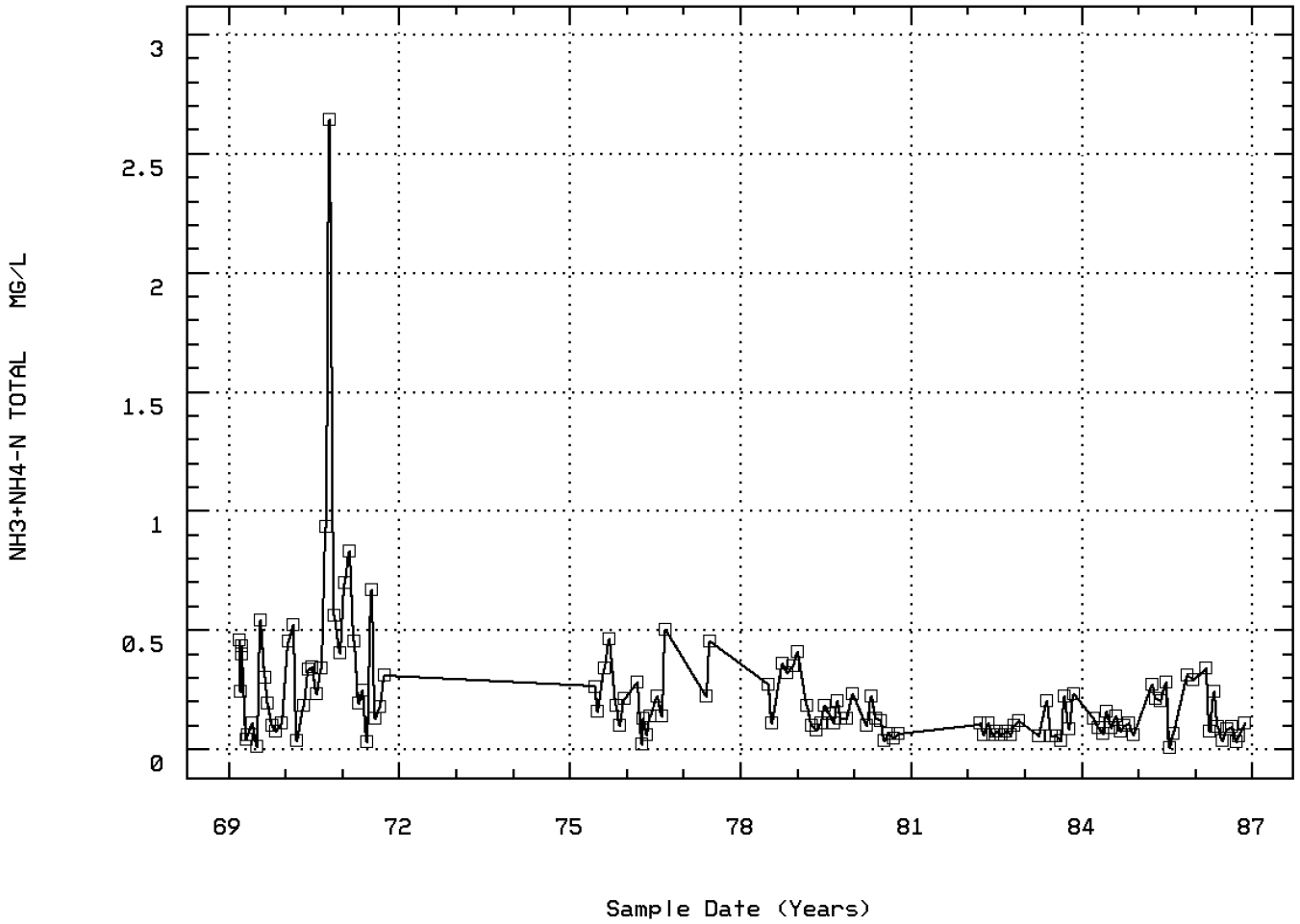
RESIDUE, FIXED NONFILTRABLE (MG/L)



HUDSON RIVER

Station: SARA0064 Parameter Code: 00610

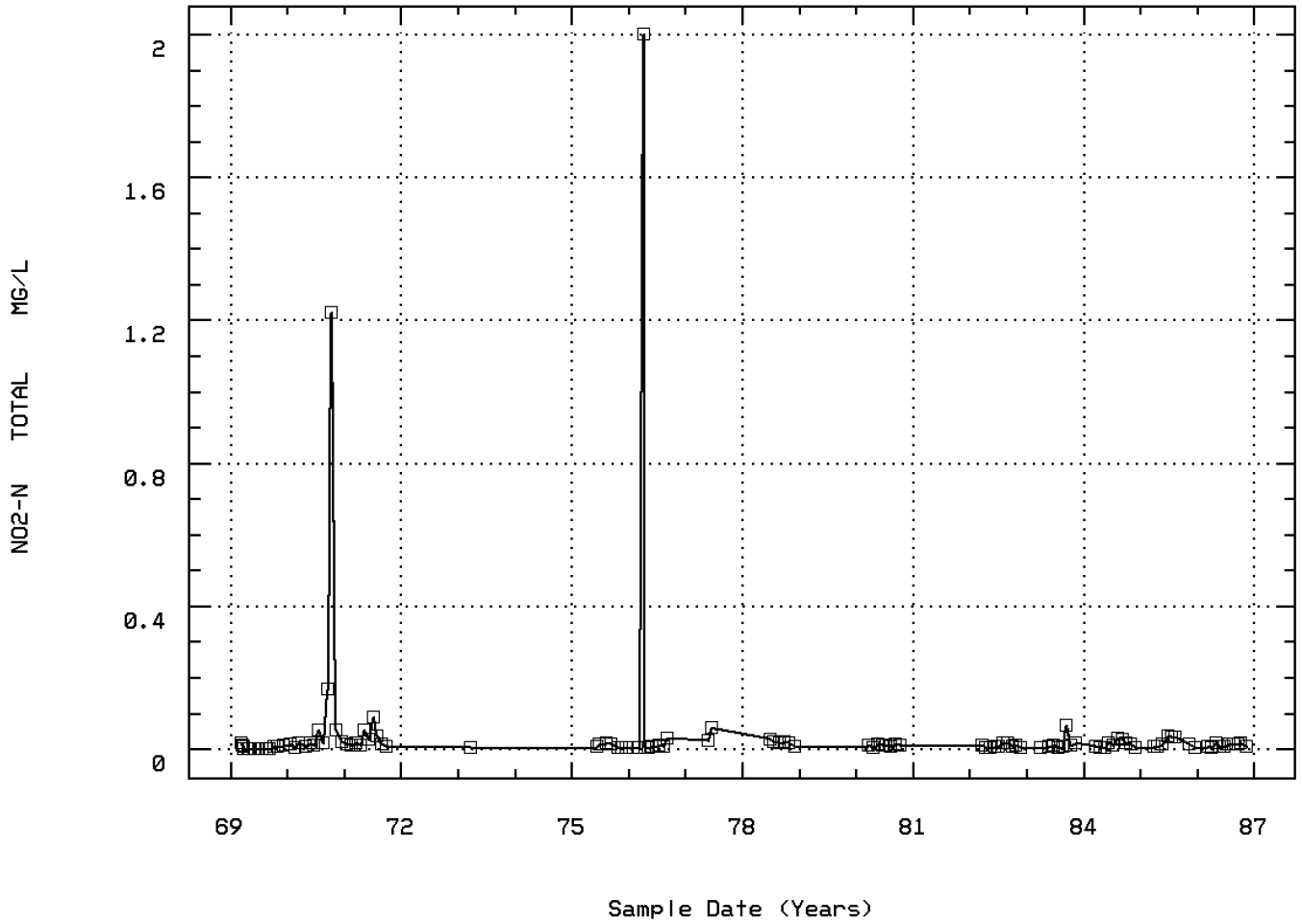
NITROGEN, AMMONIA, TOTAL (MG/L AS N)



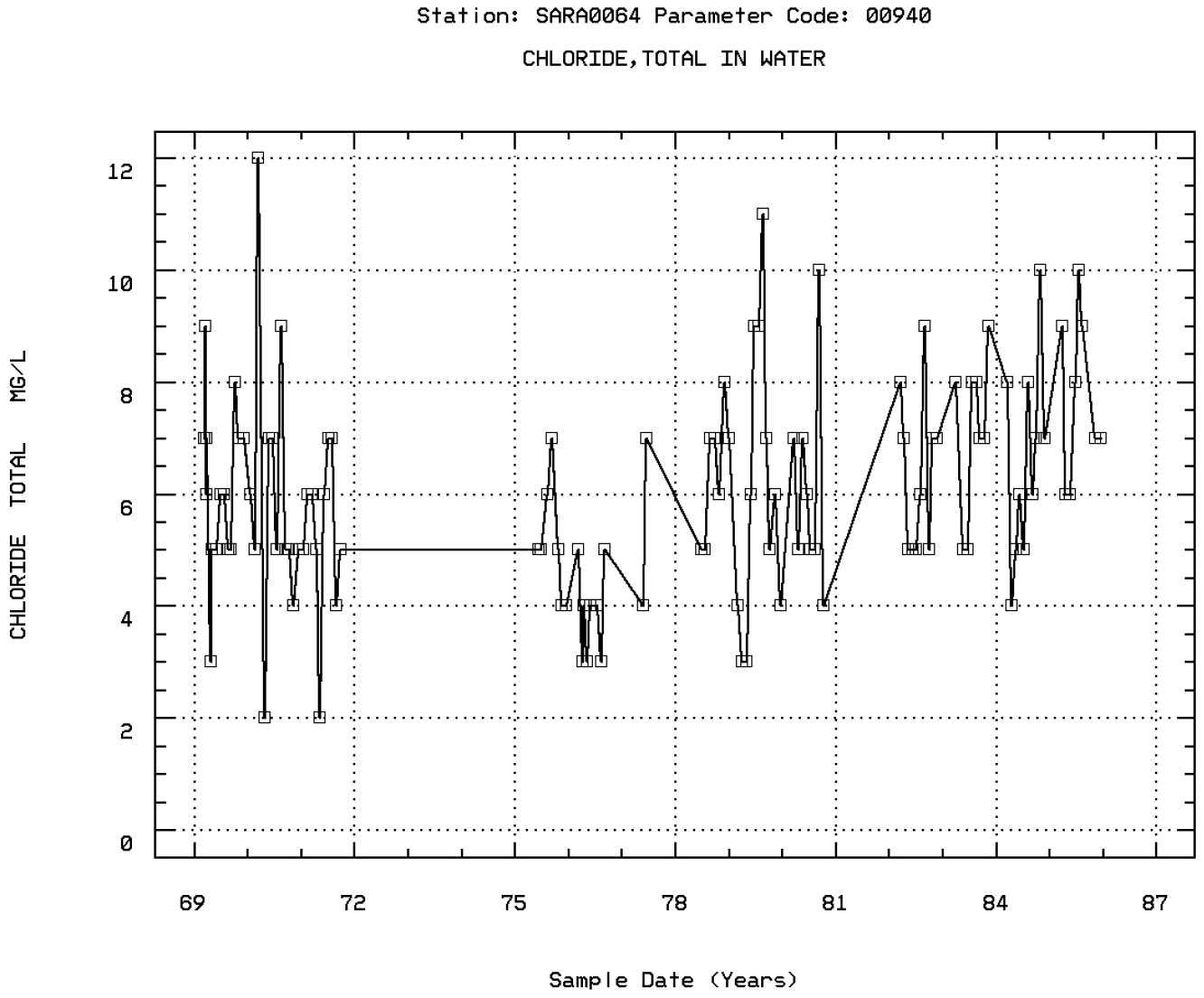
HUDSON RIVER

Station: SARA0064 Parameter Code: 00615

NITRITE NITROGEN, TOTAL (MG/L AS N)



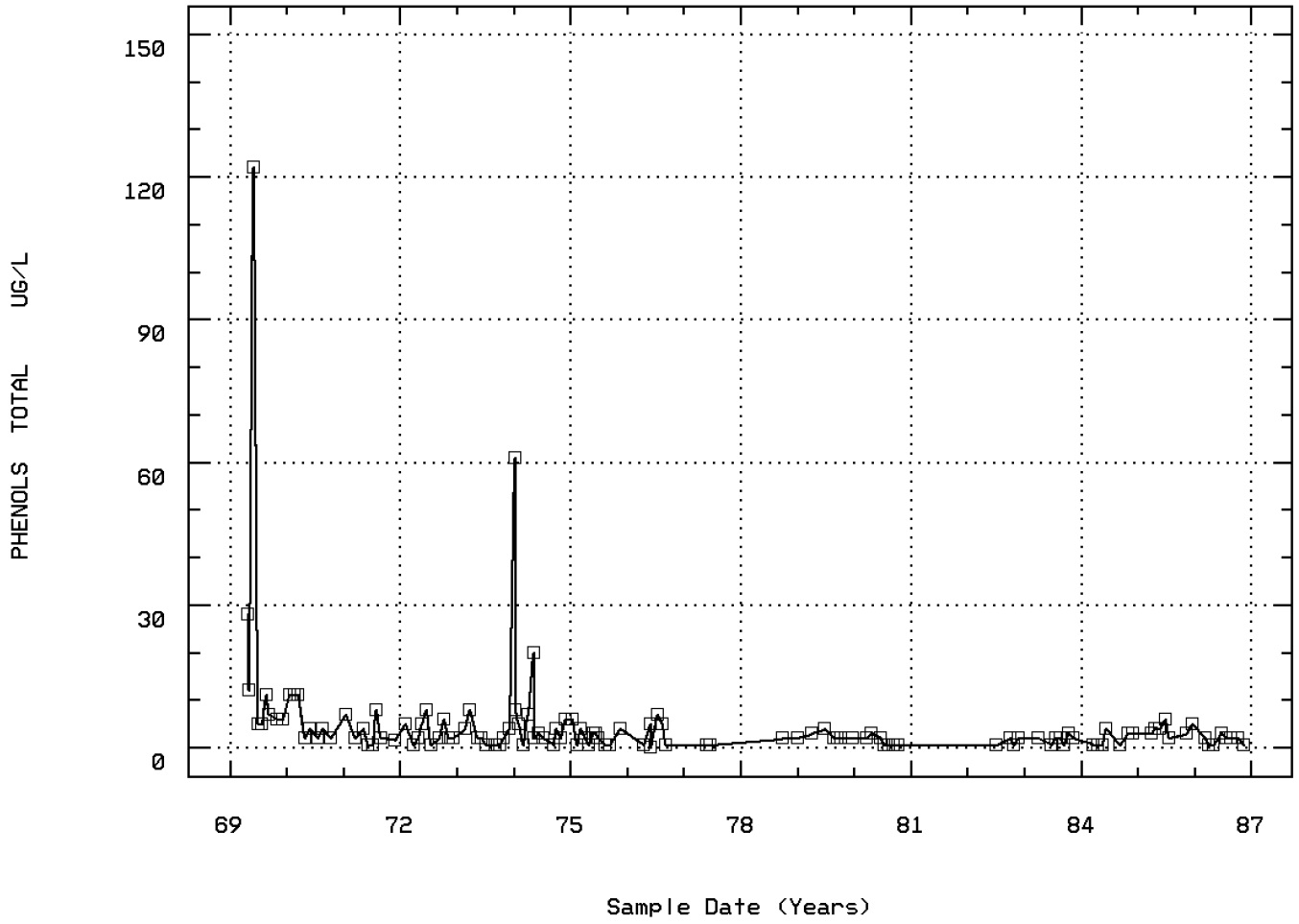
HUDSON RIVER



HUDSON RIVER

Station: SARA0064 Parameter Code: 32730

PHENOLICS, TOTAL, RECOVERABLE (UG/L)



HUDSON RIVER

Annual Analysis for 1969 - Station SARA0064

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/10/69-11/12/86	14	10.5	12.143	23.	0.	69.055	8.31	1.5	4.	22.	23.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/10/69-11/12/86	3	10.	8.667	13.	3.	26.333	5.132	**	**	**	**
00032	CLOUD COVER (PERCENT)	03/10/69-11/12/86	3	20.	39.667	99.	0.	2740.333	52.348	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/15/69-09/09/76	11	8.	9.909	24.	1.	45.091	6.715	1.4	5.	15.	22.4
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/10/69-11/12/86	14	106.	110.286	157.	89.	403.912	20.098	89.5	94.	127.	147.5
00300p	OXYGEN, DISSOLVED MG/L	03/10/69-11/12/86	14	9.	8.829	12.8	4.	11.271	3.357	4.3	5.25	12.1	12.8
00315	BOD, 7 DAY, 20 DEG C MG/L	04/15/69-08/19/86	10	3.6	3.64	5.2	1.6	1.207	1.099	1.7	2.9	4.65	5.16
00335	COD, .025N K2CR2O7 MG/L	03/10/69-04/30/86	14	14.5	12.736	19.	3.	22.646	4.759	3.2	9.85	16.	17.75
00400p	PH (STANDARD UNITS)	04/15/69-11/12/86	11	7.2	7.191	7.6	6.8	0.083	0.288	6.8	6.9	7.5	7.58
00400p	CONVERTED PH (STANDARD UNITS)	04/15/69-11/12/86	11	7.2	7.107	7.6	6.8	0.091	0.301	6.8	6.9	7.5	7.58
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/15/69-11/12/86	11	0.063	0.078	0.158	0.025	0.002	0.05	0.026	0.032	0.126	0.158
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/10/69-11/12/86	14	12.5	16.786	46.	4.	176.027	13.268	4.5	6.	18.75	45.5
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/10/69-11/12/86	14	7.	9.786	44.	1.	129.412	11.376	1.5	2.75	11.75	33.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/10/69-11/12/86	14	0.15	0.219	0.54	0.01	0.031	0.177	0.025	0.069	0.408	0.499
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/10/69-11/12/86	14	0.001	0.005	0.017	0.001	0.	0.005	0.001	0.001	0.008	0.014
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/10/69-09/09/76	14	0.31	0.339	0.54	0.2	0.013	0.116	0.2	0.238	0.425	0.52
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/10/69-11/12/86	14	36.	38.857	56.	29.	73.363	8.565	29.5	32.75	46.5	54.
00940	CHLORIDE,TOTAL IN WATER MG/L	03/10/69-12/19/85	14	6.	6.143	9.	3.	2.286	1.512	4.	5.	7.	8.5
32730p	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	04/23/69-11/12/86	9	7.	22.444	122.	5.	1446.278	38.03	5.	5.5	20.	122.

** - Less than 9 observations ## - Computed with 50% or 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 SARA0064

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/10/69-11/12/86	11	16.	12.273	24.	0.	80.218	8.956	0.	1.	20.	23.6
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/15/69-09/09/76	12	9.05	7.675	13.	1.	22.613	4.755	1.	2.25	12.	13.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/10/69-11/12/86	12	104.	103.333	130.	62.	286.242	16.919	71.	95.5	115.5	125.8
00300p	OXYGEN, DISSOLVED MG/L	03/10/69-11/12/86	12	8.	8.333	13.8	3.	13.973	3.738	3.42	5.1	11.75	13.68
00315	BOD, 7 DAY, 20 DEG C MG/L	04/15/69-08/19/86	12	2.6	3.333	7.2	1.6	3.166	1.779	1.66	2.2	4.5	6.84
00335	COD, .025N K2CR2O7 MG/L	03/10/69-04/30/86	12	13.	14.583	38.	2.	88.811	9.424	3.2	8.75	17.75	34.1
00400p	PH (STANDARD UNITS)	04/15/69-11/12/86	12	7.15	7.108	7.4	6.5	0.059	0.243	6.65	7.	7.275	7.4
00400p	CONVERTED PH (STANDARD UNITS)	04/15/69-11/12/86	12	7.147	7.032	7.4	6.5	0.065	0.256	6.65	7.	7.275	7.4
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/15/69-11/12/86	12	0.071	0.093	0.316	0.04	0.005	0.074	0.04	0.053	0.1	0.251
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/10/69-11/12/86	12	10.	12.917	30.	6.	51.538	7.179	6.3	7.5	18.5	27.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/10/69-11/12/86	10	5.5	6.5	13.	2.	16.278	4.035	2.	2.75	9.75	12.9
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/10/69-11/12/86	12	0.375	0.581	2.64	0.035	0.47	0.685	0.079	0.259	0.55	2.128
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/10/69-11/12/86	12	0.018	0.133	1.22	0.003	0.119	0.345	0.005	0.01	0.053	0.904
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/10/69-09/09/76	12	0.305	0.317	0.68	0.02	0.034	0.185	0.026	0.24	0.418	0.635
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/10/69-11/12/86	12	36.	35.917	47.	24.	35.902	5.992	25.8	33.25	39.	46.1
00940	CHLORIDE,TOTAL IN WATER MG/L	03/10/69-12/19/85	12	5.	6.	12.	2.	6.545	2.558	2.6	5.	7.	11.1
32730p	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	04/23/69-11/12/86	10	3.	4.9	11.	1.	18.767	4.332	1.	1.75	11.	11.

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Annual Analysis for 1971 - Station SARA0064

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/10/69-11/12/86	8	18.75	15.788	25.	4.	73.318	8.563	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/10/69-11/12/86	5	26.	22.4	33.	1.	152.8	12.361	**	**	**	**
00032	CLOUD COVER (PERCENT)	03/10/69-11/12/86	5	60.	61.	95.	10.	1180.	34.351	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/15/69-09/09/76	11	7.8	9.527	20.	2.4	38.912	6.238	2.56	3.7	17.	19.4
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/10/69-11/12/86	10	106.5	100.6	131.	61.	420.933	20.517	62.5	88.	112.75	129.7
00300p	OXYGEN, DISSOLVED MG/L	03/10/69-11/12/86	11	11.4	9.836	13.2	4.6	10.181	3.191	4.9	6.6	12.6	13.16
00315	BOD, 7 DAY, 20 DEG C MG/L	04/15/69-08/19/86	7	3.6	3.714	6.	2.	1.698	1.303	**	**	**	**

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Annual Analysis for 1971 - Station SARA0064

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00335	COD, .025N K2CR2O7 MG/L	03/10/69-04/30/86	10	21.	19.9	31.	9.	56.544	7.52	9.1	12.25	25.75	30.7
00400p	PH (STANDARD UNITS)	04/15/69-11/12/86	11	7.2	7.236	7.7	7.	0.049	0.22	7.	7.1	7.4	7.66
00400p	CONVERTED PH (STANDARD UNITS)	04/15/69-11/12/86	11	7.2	7.193	7.7	7.	0.051	0.225	7.	7.1	7.4	7.66
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/15/69-11/12/86	11	0.063	0.064	0.1	0.02	0.001	0.027	0.022	0.04	0.079	0.1
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/10/69-11/12/86	9	19.	19.444	29.	6.	71.278	8.443	6.	11.5	27.	29.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/10/69-11/12/86	8	9.	9.	18.	1.	53.714	7.329	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/10/69-11/12/86	10	0.277	0.373	0.831	0.031	0.075	0.275	0.041	0.164	0.677	0.818
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/10/69-11/12/86	10	0.014	0.027	0.09	0.007	0.001	0.027	0.007	0.009	0.041	0.086
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/10/69-09/09/76	10	0.38	0.385	0.77	0.13	0.03	0.174	0.141	0.278	0.478	0.743
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/10/69-11/12/86	10	38.	38.1	50.	23.	72.1	8.491	23.6	32.75	45.25	49.6
00940	CHLORIDE,TOTAL IN WATER MG/L	03/10/69-12/19/85	10	5.5	5.3	7.	2.	2.233	1.494	2.2	4.75	6.25	7.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/30/71-09/18/86	1	6700.	6700.	6700.	6700.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/30/71-09/18/86	1	3.826	3.826	3.826	3.826	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			6700.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/07/71-09/10/75	4	155.	212.5	520.	20.	49825.	223.215	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/07/71-09/10/75	4	2.132	2.07	2.716	1.301	0.374	0.611	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			117.615								
32730p	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	04/23/69-11/12/86	10	1.75	2.75	8.	0.5	7.347	2.711	0.5	0.875	4.75	7.9

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Annual Analysis for 1972 - Station SARA0064

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/10/69-11/12/86	12	11.	11.725	26.5	0.5	91.635	9.573	0.5	1.5	21.425	25.15
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/10/69-11/12/86	13	16.	15.692	30.	-5.	129.272	11.37	4.2	1.	26.5	29.8
00032	CLOUD COVER (PERCENT)	03/10/69-11/12/86	13	80.	61.923	95.	5.	1243.91	35.269	7.	22.5	90.	93.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/15/69-09/09/76	13	4.7	5.023	8.3	2.1	3.739	1.934	2.46	3.85	6.6	8.3
00300p	OXYGEN, DISSOLVED MG/L	03/10/69-11/12/86	13	11.2	11.277	15.	6.8	9.865	3.141	7.04	7.9	14.35	14.96
00315	BOD, 7 DAY, 20 DEG C MG/L	04/15/69-08/19/86	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
00400p	PH (STANDARD UNITS)	04/15/69-11/12/86	5	7.	6.92	7.	6.7	0.017	0.13	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	04/15/69-11/12/86	5	7.	6.903	7.	6.7	0.017	0.132	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/15/69-11/12/86	5	0.1	0.125	0.2	0.1	0.002	0.043	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/10/69-11/12/86	1	8.	8.	8.	8.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/30/71-09/18/86	13	3600.	4701.538	12000.	320.	17708697.436	4208.17	432.	1100.	9000.	11600.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/30/71-09/18/86	13	3.556	3.448	4.079	2.505	0.263	0.513	2.614	3.04	3.952	4.064
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2802.577								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/07/71-09/10/75	12	175.	379.167	1300.	50.	183717.424	428.623	50.	60.	737.5	1204.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/07/71-09/10/75	12	2.239	2.291	3.114	1.699	0.291	0.539	1.699	1.778	2.855	3.077
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			195.544								
32730p	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	04/23/69-11/12/86	14	2.	2.643	8.	0.5	5.593	2.365	0.5	1.	5.	7.

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Annual Analysis for 1973 - Station SARA0064

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/10/69-11/12/86	12	12.65	13.817	28.5	1.	108.002	10.392	1.15	2.9	25.25	28.05
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/10/69-11/12/86	12	17.5	19.192	36.	7.5	106.532	10.321	7.65	8.625	29.625	34.35
00032	CLOUD COVER (PERCENT)	03/10/69-11/12/86	11	80.	60.182	99.	10.	1438.764	37.931	10.	20.	99.	99.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/15/69-09/09/76	12	5.1	5.025	7.2	3.2	2.04	1.428	3.23	3.55	6.4	7.05
00300p	OXYGEN, DISSOLVED MG/L	03/10/69-11/12/86	11	9.	10.291	14.4	5.8	9.285	3.047	6.16	8.	14.	14.4
00315	BOD, 7 DAY, 20 DEG C MG/L	04/15/69-08/19/86	6	2.	2.1	2.6	1.7	0.14	0.374	**	**	**	**
00400p	PH (STANDARD UNITS)	04/15/69-11/12/86	10	7.05	7.04	7.5	6.6	0.072	0.267	6.61	6.85	7.225	7.48
00400p	CONVERTED PH (STANDARD UNITS)	04/15/69-11/12/86	10	7.047	6.966	7.5	6.6	0.078	0.279	6.61	6.85	7.225	7.48

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Annual Analysis for 1973 - Station SARA0064

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	04/15/69-11/12/86	10	0.09	0.108	0.251	0.032	0.005	0.068	0.033	0.06	0.144	0.246
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/10/69-11/12/86	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/30/71-09/18/86	11	3700.	10736.364	55000.	1100.	257206545.455	16037.66	1120.	1200.	18000.	47800.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/30/71-09/18/86	11	3.568	3.681	4.74	3.041	0.32	0.566	3.049	3.079	4.255	4.648
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4798.751								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/07/71-09/10/75	12	245.	517.917	3100.	85.	692824.811	832.361	89.5	162.5	457.5	2380.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/07/71-09/10/75	12	2.382	2.463	3.491	1.929	0.177	0.421	1.951	2.211	2.66	3.297
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			290.514								
32730p	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	04/23/69-11/12/86	11	2.	2.318	8.	0.5	5.164	2.272	0.5	0.5	4.	7.2

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Annual Analysis for 1974 - Station SARA0064

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/10/69-11/12/86	10	8.1	10.88	25.	0.3	94.433	9.718	0.37	2.275	21.225	24.99
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/10/69-11/12/86	10	10.75	12.92	37.2	-6.8	202.813	14.241	4.79	-6.625	25.55	36.5
00032	CLOUD COVER (PERCENT)	03/10/69-11/12/86	10	65.	64.5	95.	15.	763.611	27.634	17.	38.75	90.	94.5
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/15/69-09/09/76	5	4.7	9.22	26.	3.9	89.257	9.448	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	03/10/69-11/12/86	10	11.1	10.86	14.8	6.6	9.129	3.021	6.64	7.75	14.	14.72
00315	BOD, 7 DAY, 20 DEG C MG/L	04/15/69-08/19/86	2	2.3	2.3	2.4	2.2	0.02	0.141	**	**	**	**
00400p	PH (STANDARD UNITS)	04/15/69-11/12/86	7	7.	7.157	7.5	6.7	0.096	0.31	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	04/15/69-11/12/86	7	7.	7.065	7.5	6.7	0.106	0.326	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/15/69-11/12/86	7	0.1	0.086	0.2	0.032	0.004	0.06	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/10/69-11/12/86	6	41.5	42.167	58.	33.	87.767	9.368	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/30/71-09/18/86	11	54000.	81181.818	360000.	5000.11	150963636.364	105598.123	5000.	9000.	140000.	316000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/30/71-09/18/86	11	4.732	4.546	5.556	3.699	0.407	0.638	3.699	3.954	5.146	5.474
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			35184.91								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/07/71-09/10/75	11	440.	972.727	5600.	130.	2500601.818	1581.329	140.	200.	830.	4760.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/07/71-09/10/75	11	2.643	2.693	3.748	2.114	0.229	0.478	2.142	2.301	2.919	3.628
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			493.222								
32730p	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	04/23/69-11/12/86	16	2.5	7.75	61.	0.5	224.967	14.999	0.5	1.	6.75	32.3

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Annual Analysis for 1975 - Station SARA0064

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/10/69-11/12/86	3	7.5	7.333	12.5	2.	27.583	5.252	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/10/69-11/12/86	3	10.	7.567	15.	-2.3	79.263	8.903	**	**	**	**
00032	CLOUD COVER (PERCENT)	03/10/69-11/12/86	3	90.	93.	99.	90.	27.	5.196	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/15/69-09/09/76	7	4.	4.143	5.	3.	0.476	0.69	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/10/69-11/12/86	8	162.	173.875	312.	75.	8366.411	91.468	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	03/10/69-11/12/86	3	12.	11.6	13.	9.8	2.68	1.637	**	**	**	**
00315	BOD, 7 DAY, 20 DEG C MG/L	04/15/69-08/19/86	9	2.2	2.089	3.2	0.5	0.699	0.836	0.5	1.55	2.8	3.2
00335	COD, .025N K2CR2O7 MG/L	03/10/69-04/30/86	7	12.	13.714	20.	10.	12.238	3.498	**	**	**	**
00400p	PH (STANDARD UNITS)	04/15/69-11/12/86	3	7.6	7.6	7.8	7.4	0.04	0.2	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	04/15/69-11/12/86	3	7.6	7.57	7.8	7.4	0.041	0.203	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/15/69-11/12/86	3	0.025	0.027	0.04	0.016	0.	0.012	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/10/69-11/12/86	6	6.	8.167	18.	3.	33.367	5.776	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/11/75-11/12/86	2	9.5	9.5	11.	8.	4.5	2.121	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/10/69-11/12/86	6	3.5	3.5	7.	1.	4.3	2.074	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/10/69-11/12/86	7	0.21	0.244	0.46	0.1	0.015	0.122	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/10/69-11/12/86	7	0.008	0.01	0.018	0.005	0.	0.005	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/10/69-09/09/76	7	0.34	0.386	0.5	0.24	0.009	0.096	**	**	**	**

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Annual Analysis for 1975 - Station SARA0064

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00940	CHLORIDE,TOTAL IN WATER MG/L	03/10/69-12/19/85	7	5.	5.143	7.	4.	1.143	1.069	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/30/71-09/18/86	13	18000.	124461.538	890000.	0.	63324602564.103	251643.801	2400.	9500.	126000.	678000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/30/71-09/18/86	13	4.255	4.197	5.949	0.	2.038	1.427	1.511	3.972	5.056	5.792
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			15757.904								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/07/71-09/10/75	10	700.	1140.	5600.	0.	2686133.333	1638.943	14.	260.	1150.	5200.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/07/71-09/10/75	10	2.827	2.581	3.748	0.	1.011	1.006	0.215	2.394	3.051	3.694
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			381.338								
32730p	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	04/23/69-11/12/86	13	2.	2.154	6.	0.5	3.058	1.749	0.5	0.5	3.5	5.2

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Annual Analysis for 1976 - Station SARA0064

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/10/69-11/12/86	7	17.2	14.071	21.5	2.	53.682	7.327	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/10/69-11/12/86	6	20.2	18.967	25.	11.2	40.655	6.376	**	**	**	**
00032	CLOUD COVER (PERCENT)	03/10/69-11/12/86	5	10.	20.	70.	5.	787.5	28.062	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/15/69-09/09/76	9	4.	6.667	30.	1.	80.	8.944	1.	3.	6.	30.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/12/76-11/12/86	2	17.	17.	30.	4.	338.	18.385	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/10/69-11/12/86	9	94.	134.889	474.	75.	16348.611	127.862	75.	81.	111.	474.
00300p	OXYGEN, DISSOLVED MG/L	03/10/69-11/12/86	7	9.2	9.543	13.6	6.4	6.85	2.617	**	**	**	**
00315	BOD, 7 DAY, 20 DEG C MG/L	04/15/69-08/19/86	8	2.2	1.938	2.4	1.3	0.228	0.478	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	03/10/69-04/30/86	9	9.	11.778	22.	5.	39.194	6.261	5.	7.	18.5	22.
00400p	PH (STANDARD UNITS)	04/15/69-11/12/86	7	7.6	7.557	7.8	7.2	0.066	0.257	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	04/15/69-11/12/86	7	7.6	7.492	7.8	7.2	0.071	0.267	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/15/69-11/12/86	7	0.025	0.032	0.063	0.016	0.	0.019	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/10/69-11/12/86	9	4.	6.333	29.	1.	74.25	8.617	1.	2.5	5.	29.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/11/75-11/12/86	3	1.	1.667	3.	1.	1.333	1.155	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/10/69-11/12/86	9	1.	4.111	23.	1.	51.861	7.201	1.	1.	3.5	23.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/10/69-11/12/86	9	0.14	0.181	0.5	0.02	0.02	0.142	0.02	0.095	0.25	0.5
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/10/69-11/12/86	8	0.007	0.258	2.	0.003	0.495	0.704	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/10/69-09/09/76	9	0.44	0.421	0.64	0.05	0.034	0.184	0.05	0.31	0.57	0.64
00940	CHLORIDE,TOTAL IN WATER MG/L	03/10/69-12/19/85	9	4.	3.889	5.	3.	0.611	0.782	3.	3.	4.5	5.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/30/71-09/18/86	8	47000.	38875.	60000.	3000.	559839285.714	23660.923	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/30/71-09/18/86	8	4.66	4.441	4.778	3.477	0.225	0.474	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			27634.044								
32730p	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	04/23/69-11/12/86	8	0.75	2.438	7.	0.005	7.599	2.757	**	**	**	**

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Annual Analysis for 1977 - Station SARA0064

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/10/69-11/12/86	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/10/69-11/12/86	1	16.4	16.4	16.4	16.4	0.	0.	**	**	**	**
00032	CLOUD COVER (PERCENT)	03/10/69-11/12/86	1	40.	40.	40.	40.	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/12/76-11/12/86	2	3.	3.	3.	3.	0.	0.	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/10/69-11/12/86	2	131.	131.	162.	100.	1922.	43.841	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	03/10/69-11/12/86	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00315	BOD, 7 DAY, 20 DEG C MG/L	04/15/69-08/19/86	2	2.35	2.35	2.9	1.8	0.605	0.778	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	03/10/69-04/30/86	2	19.	19.	22.	16.	18.	4.243	**	**	**	**
00400p	PH (STANDARD UNITS)	04/15/69-11/12/86	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	04/15/69-11/12/86	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/15/69-11/12/86	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/10/69-11/12/86	2 ##	2.25	2.25	4.	0.5	6.125	2.475	**	**	**	**

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Annual Analysis for 1977 - Station SARA0064

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/10/69-11/12/86	2 ##	1.75	1.75	3.	0.5	3.125	1.768	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/10/69-11/12/86	2	0.335	0.335	0.45	0.22	0.026	0.163	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/10/69-11/12/86	2	0.041	0.041	0.058	0.024	0.001	0.024	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/26/77-11/12/86	2	0.72	0.72	0.8	0.64	0.013	0.113	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/10/69-12/19/85	2	5.5	5.5	7.	4.	4.5	2.121	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/30/71-09/18/86	2	2000.	2000.	3000.	1000.	2000000.	1414.214	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/30/71-09/18/86	2	3.239	3.239	3.477	3.	0.114	0.337	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1732.051								
32730p	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	04/23/69-11/12/86	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/26/77-11/12/86	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**

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Annual Analysis for 1978 - Station SARA0064

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/10/69-11/12/86	6	18.9	16.55	26.	2.5	79.815	8.934	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/10/69-11/12/86	6	20.25	20.133	31.5	6.	87.047	9.33	**	**	**	**
00032	CLOUD COVER (PERCENT)	03/10/69-11/12/86	6	35.	49.	99.	10.	1484.	38.523	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/12/76-11/12/86	5	3.7	3.72	4.9	2.7	0.972	0.986	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/10/69-11/12/86	6	112.5	110.	125.	90.	190.	13.784	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	03/10/69-11/12/86	6	7.7	8.667	12.4	7.	4.539	2.13	**	**	**	**
00315	BOD, 7 DAY, 20 DEG C MG/L	04/15/69-08/19/86	5	2.6	2.96	5.6	1.6	2.363	1.537	**	**	**	**
00400p	PH (STANDARD UNITS)	04/15/69-11/12/86	6	6.9	6.967	7.2	6.7	0.039	0.197	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	04/15/69-11/12/86	6	6.9	6.931	7.2	6.7	0.04	0.2	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/15/69-11/12/86	6	0.126	0.117	0.2	0.063	0.003	0.051	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/10/69-11/12/86	6	10.	22.5	94.	5.	1231.9	35.098	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/11/75-11/12/86	6	4.5	19.333	93.	2.	1311.067	36.209	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/10/69-11/12/86	6	3.5	3.25	6.	0.5	4.775	2.185	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/10/69-11/12/86	5	0.32	0.282	0.36	0.11	0.01	0.102	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/10/69-11/12/86	6	0.017	0.017	0.028	0.007	0.	0.007	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/26/77-11/12/86	6	0.5	0.465	0.65	0.2	0.023	0.153	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/10/69-12/19/85	6	6.5	6.333	8.	5.	1.467	1.211	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/30/71-09/18/86	6	615.	3490.	13000.	260.	26594480.	5156.984	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/30/71-09/18/86	6	2.781	3.087	4.114	2.415	0.475	0.689	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1222.069								
32730p	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	04/23/69-11/12/86	4 ##	1.	1.25	2.	1.	0.25	0.5	**	**	**	**
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/26/77-11/12/86	6	0.02	0.023	0.03	0.02	0.	0.005	**	**	**	**

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Annual Analysis for 1979 - Station SARA0064

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/10/69-11/12/86	9	10.5	10.733	22.	0.1	61.553	7.846	0.1	3.25	18.75	22.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/10/69-11/12/86	10	11.25	9.4	27.	-13.	169.1	13.004	6.05	6.875	24.75	-9.
00032	CLOUD COVER (PERCENT)	03/10/69-11/12/86	10	50.	57.4	99.	5.	1362.711	36.915	6.5	21.5	99.	99.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/12/76-11/12/86	11	4.2	11.964	72.	2.2	438.763	20.947	2.24	2.6	6.5	62.6
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/10/69-11/12/86	12	105.	178.417	913.	54.	55576.083	235.746	60.9	88.25	129.	711.1
00300p	OXYGEN, DISSOLVED MG/L	03/10/69-11/12/86	9	11.	10.956	16.	7.4	8.678	2.946	7.4	8.2	13.5	16.
00315	BOD, 7 DAY, 20 DEG C MG/L	04/15/69-08/19/86	11	3.	3.182	5.7	1.6	1.194	1.093	1.72	2.5	3.9	5.36
00400p	PH (STANDARD UNITS)	04/15/69-11/12/86	10	7.1	7.07	7.6	6.5	0.209	0.457	6.5	6.575	7.525	7.6
00400p	CONVERTED PH (STANDARD UNITS)	04/15/69-11/12/86	10	7.055	6.873	7.6	6.5	0.252	0.502	6.5	6.575	7.525	7.6
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/15/69-11/12/86	10	0.088	0.134	0.316	0.025	0.015	0.121	0.025	0.03	0.267	0.316
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/10/69-11/12/86	12	7.	20.042	91.	0.5	796.203	28.217	0.95	2.5	38.5	79.3

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Annual Analysis for 1979 - Station SARA0064

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/11/75-11/12/86	12	3.	4.5	13.	0.5	15.682	3.96	0.5	2.	7.5	12.1
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/10/69-11/12/86	12	4.5	15.792	78.	0.5	639.066	25.28	0.5	0.5	29.	69.6
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/10/69-11/12/86	12	0.14	0.168	0.41	0.081	0.008	0.088	0.087	0.11	0.195	0.356
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/26/77-11/12/86	10	0.4	0.449	0.73	0.2	0.03	0.174	0.21	0.3	0.583	0.728
00940	CHLORIDE,TOTAL IN WATER MG/L	03/10/69-12/19/85	12	6.	6.167	11.	3.	6.515	2.552	3.	4.	8.5	10.4
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/30/71-09/18/86	11	7000.	7490.909	23000.	1500.	35470909.091	5955.746	1540.	3200.	9000.	20600.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/30/71-09/18/86	11	3.845	3.757	4.362	3.176	0.121	0.349	3.187	3.505	3.954	4.298
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			5713.568								
32730p	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	04/23/69-11/12/86	11	2.	1.909	4.	1.	0.891	0.944	1.	1.	2.	3.8
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/26/77-11/12/86	12	0.03	0.034	0.1	0.01	0.001	0.024	0.01	0.02	0.04	0.082

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Annual Analysis for 1980 - Station SARA0064

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/10/69-11/12/86	8	18.25	17.25	26.	3.5	60.214	7.76	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/10/69-11/12/86	8	18.	19.	32.	4.	81.714	9.04	**	**	**	**
00032	CLOUD COVER (PERCENT)	03/10/69-11/12/86	8	60.	59.25	99.	5.	941.643	30.686	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/12/76-11/12/86	8	1.55	2.488	8.6	1.	6.247	2.499	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/10/69-11/12/86	8	115.	145.375	378.	91.	8994.839	94.841	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	03/10/69-11/12/86	7	7.6	8.229	11.4	6.4	2.606	1.614	**	**	**	**
00315	BOD, 7 DAY, 20 DEG C MG/L	04/15/69-08/19/86	8	2.65	2.588	4.	1.	0.776	0.881	**	**	**	**
00400p	PH (STANDARD UNITS)	04/15/69-11/12/86	8	7.5	7.425	7.7	6.9	0.076	0.276	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	04/15/69-11/12/86	8	7.5	7.334	7.7	6.9	0.086	0.293	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/15/69-11/12/86	8	0.032	0.046	0.126	0.02	0.001	0.037	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/10/69-11/12/86	8	7.	19.438	100.	0.5	1120.96	33.481	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/11/75-11/12/86	8	4.5	7.938	40.	0.5	171.888	13.111	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/10/69-11/12/86	8 ##	2.25	11.75	60.	0.5	428.929	20.711	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/10/69-11/12/86	8	0.082	0.097	0.22	0.033	0.004	0.061	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/10/69-11/12/86	8	0.01	0.01	0.013	0.005	0.	0.003	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/26/77-11/12/86	7	0.4	0.476	0.76	0.3	0.029	0.169	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/10/69-12/19/85	8	5.5	6.125	10.	4.	3.554	1.885	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/30/71-09/18/86	8	5400.	5600.	12000.	1600.	10651428.571	3263.653	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/30/71-09/18/86	8	3.725	3.679	4.079	3.204	0.074	0.272	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4776.771								
32730p	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	04/23/69-11/12/86	8 ##	0.75	1.25	3.	0.5	0.929	0.964	**	**	**	**
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/26/77-11/12/86	8	0.03	0.032	0.08	0.005	0.	0.022	**	**	**	**

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Annual Analysis for 1982 - Station SARA0064

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/10/69-11/12/86	10	16.25	14.45	24.5	2.5	56.914	7.544	2.9	6.875	21.375	24.3
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/10/69-11/12/86	10	19.	17.1	28.	4.	79.878	8.937	4.3	7.	25.25	27.8
00032	CLOUD COVER (PERCENT)	03/10/69-11/12/86	10	10.	37.8	100.	0.	1945.067	44.103	0.5	5.	100.	100.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/12/76-11/12/86	10	2.55	2.93	5.7	1.8	1.382	1.176	1.82	2.075	3.575	5.51
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/10/69-11/12/86	10	114.5	112.4	137.	87.	268.489	16.386	87.5	98.75	125.	136.4
00300p	OXYGEN, DISSOLVED MG/L	03/10/69-11/12/86	10	9.2	9.21	12.4	7.2	2.579	1.606	7.25	7.925	10.1	12.26
00335	COD, .025N K2CR2O7 MG/L	03/10/69-04/30/86	10	16.15	22.17	84.	8.4	486.685	22.061	8.46	13.5	19.25	77.6
00400p	PH (STANDARD UNITS)	04/15/69-11/12/86	9	7.35	7.361	7.9	6.8	0.162	0.403	6.8	7.	7.75	7.9
00400p	CONVERTED PH (STANDARD UNITS)	04/15/69-11/12/86	9	7.35	7.2	7.9	6.8	0.192	0.438	6.8	7.	7.75	7.9
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/15/69-11/12/86	9	0.045	0.063	0.158	0.013	0.003	0.057	0.013	0.018	0.111	0.158
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/10/69-11/12/86	10	7.	6.2	10.	1.	7.289	2.7	1.2	3.75	8.	9.8

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Annual Analysis for 1982 - Station SARA0064

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/11/75-11/12/86	10	4.	4.3	8.	1.	7.789	2.791	1.	1.75	7.25	8.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/10/69-11/12/86	10	1.	2.1	6.	0.5	4.433	2.106	0.5	0.5	4.25	5.9
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/10/69-11/12/86	10	0.073	0.083	0.12	0.06	0.001	0.024	0.06	0.061	0.11	0.119
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/10/69-11/12/86	10	0.007	0.008	0.016	0.003	0.	0.004	0.003	0.005	0.011	0.016
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/26/77-11/12/86	10	0.395	0.425	0.77	0.16	0.029	0.169	0.175	0.333	0.52	0.754
00940	CHLORIDE,TOTAL IN WATER MG/L	03/10/69-12/19/85	10	6.5	6.4	9.	5.	2.044	1.43	5.	5.	7.25	8.9
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/30/71-09/18/86	9	5400.	8555.556	44000.	1200.	180400277.778	13431.317	1200.	2250.	6300.	44000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/30/71-09/18/86	9	3.732	3.673	4.643	3.079	0.197	0.443	3.079	3.347	3.799	4.643
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4711.734								
32730p	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	04/23/69-11/12/86	10	1.	1.1	2.	0.5	0.267	0.516	0.5	0.875	1.25	2.
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/26/77-11/12/86	10	0.025	0.024	0.05	0.005	0.	0.013	0.006	0.01	0.03	0.048

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Annual Analysis for 1983 - Station SARA0064

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/10/69-11/12/86	7	17.	16.357	25.	3.5	63.393	7.962	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/10/69-11/12/86	8	21.	19.938	29.	2.	71.174	8.436	**	**	**	**
00032	CLOUD COVER (PERCENT)	03/10/69-11/12/86	8	30.	37.5	100.	0.	1764.286	42.003	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/12/76-11/12/86	8	2.85	5.188	24.	1.5	58.147	7.625	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/10/69-11/12/86	8	119.5	120.75	139.	106.	154.786	12.441	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	03/10/69-11/12/86	8	7.75	8.838	12.8	7.	4.831	2.198	**	**	**	**
00315	BOD, 7 DAY, 20 DEG C MG/L	04/15/69-08/19/86	4	0.	0.775	3.1	0.	2.403	1.55	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	03/10/69-04/30/86	8	19.	19.375	25.	12.	19.696	4.438	**	**	**	**
00400p	PH (STANDARD UNITS)	04/15/69-11/12/86	8	7.3	7.244	7.45	6.8	0.04	0.199	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	04/15/69-11/12/86	8	7.297	7.195	7.45	6.8	0.042	0.206	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/15/69-11/12/86	8	0.05	0.064	0.158	0.035	0.002	0.04	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/10/69-11/12/86	8	7.5	10.75	40.	2.	146.5	12.104	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/11/75-11/12/86	8	3.5	4.5	14.	1.	16.286	4.036	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/10/69-11/12/86	8	5.	6.375	26.	0.5	68.196	8.258	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/10/69-11/12/86	8	0.07	0.117	0.23	0.036	0.007	0.084	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/10/69-11/12/86	8	0.009	0.016	0.066	0.005	0.	0.021	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/26/77-11/12/86	8	0.415	0.429	0.66	0.24	0.024	0.155	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/10/69-12/19/85	8	7.5	7.125	9.	5.	2.125	1.458	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/30/71-09/18/86	8	3900.	4800.	10000.	1600.	9337142.857	3055.674	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/30/71-09/18/86	8	3.586	3.601	4.	3.204	0.083	0.288	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3988.011								
32730p	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	04/23/69-11/12/86	8	2.	1.625	3.	0.5	0.768	0.876	**	**	**	**
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/26/77-11/12/86	8	0.03	0.035	0.07	0.02	0.	0.016	**	**	**	**

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Annual Analysis for 1984 - Station SARA0064

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/10/69-11/12/86	10	14.	14.85	26.5	3.5	66.503	8.155	3.6	7.875	23.25	26.25
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/10/69-11/12/86	10	16.	18.4	32.	9.	78.489	8.859	9.1	10.75	28.25	32.
00032	CLOUD COVER (PERCENT)	03/10/69-11/12/86	10	55.	52.5	100.	0.	1540.278	39.246	1.	10.	100.	100.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/12/76-11/12/86	10	2.95	4.71	24.	1.2	46.421	6.813	1.26	1.95	3.125	21.95
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/10/69-11/12/86	10	118.5	112.6	131.	88.	254.711	15.96	88.2	93.	123.75	130.8
00300p	OXYGEN, DISSOLVED MG/L	03/10/69-11/12/86	10	8.5	9.44	12.8	6.5	4.774	2.185	6.61	7.6	11.6	12.68
00315	BOD, 7 DAY, 20 DEG C MG/L	04/15/69-08/19/86	1	3.8	3.8	3.8	3.8	0.	0.	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	03/10/69-04/30/86	10	16.5	22.	56.	4.	246.222	15.691	4.9	13.75	26.75	54.8
00400p	PH (STANDARD UNITS)	04/15/69-11/12/86	10	7.625	7.6	8.	7.3	0.05	0.224	7.305	7.388	7.763	7.98

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Annual Analysis for 1984 - Station SARA0064

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400p	CONVERTED PH (STANDARD UNITS)	04/15/69-11/12/86	10	7.624	7.551	8.	7.3	0.053	0.229	7.305	7.387	7.762	7.98
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/15/69-11/12/86	10	0.024	0.028	0.05	0.01	0.	0.014	0.011	0.017	0.041	0.05
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/10/69-11/12/86	10	7.	10.8	40.	1.	122.178	11.053	1.4	5.75	11.75	37.7
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/11/75-11/12/86	10	5.	4.	6.	1.	4.889	2.211	1.	1.75	6.	6.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/10/69-11/12/86	10	4.	6.95	34.	0.5	102.414	10.12	0.5	0.5	8.75	31.7
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/10/69-11/12/86	10	0.095	0.101	0.16	0.06	0.001	0.033	0.061	0.07	0.133	0.158
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/10/69-11/12/86	10	0.012	0.013	0.029	0.003	0.	0.01	0.003	0.003	0.018	0.029
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/26/77-11/12/86	10	0.31	0.342	0.49	0.21	0.007	0.085	0.218	0.298	0.433	0.485
00940	CHLORIDE,TOTAL IN WATER MG/L	03/10/69-12/19/85	10	6.5	6.6	10.	4.	3.156	1.776	4.1	5.	8.	9.8
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/30/71-09/18/86	10	4750.	4910.	8200.	1500.	5669888.889	2381.153	1530.	2625.	7100.	8180.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/30/71-09/18/86	10	3.676	3.632	3.914	3.176	0.067	0.258	3.184	3.411	3.85	3.913
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4281.344								
32730p	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	04/23/69-11/12/86	10	1.	1.5	4.	0.5	1.722	1.312	0.5	0.5	3.	3.9
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/26/77-11/12/86	10	0.02	0.02	0.05	0.005	0.	0.014	0.005	0.01	0.025	0.049

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Annual Analysis for 1985 - Station SARA0064

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/10/69-11/12/86	8	14.5	14.188	26.	0.	93.281	9.658	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/10/69-11/12/86	8	20.5	15.313	30.	-12.	178.21	13.35	**	**	**	**
00032	CLOUD COVER (PERCENT)	03/10/69-11/12/86	8	25.	37.5	100.	5.	1592.857	39.911	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/12/76-11/12/86	8	2.	1.95	3.3	0.5	1.157	1.076	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/10/69-11/12/86	8	126.5	122.25	150.	88.	356.786	18.889	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	03/10/69-11/12/86	8	9.3	9.462	13.6	7.	4.523	2.127	**	**	**	**
00315	BOD, 7 DAY, 20 DEG C MG/L	04/15/69-08/19/86	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	03/10/69-04/30/86	8	15.5	16.	20.	13.	6.571	2.563	**	**	**	**
00400p	PH (STANDARD UNITS)	04/15/69-11/12/86	8	7.25	7.225	7.4	6.9	0.036	0.191	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	04/15/69-11/12/86	8	7.247	7.186	7.4	6.9	0.038	0.195	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/15/69-11/12/86	8	0.057	0.065	0.126	0.04	0.001	0.032	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/10/69-11/12/86	8	9.	8.5	13.	3.	12.286	3.505	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/11/75-11/12/86	8	4.5	4.625	8.	2.	4.554	2.134	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/10/69-11/12/86	8	3.5	3.875	7.	1.	4.125	2.031	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/10/69-11/12/86	8	0.24	0.204	0.31	0.007	0.012	0.111	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/10/69-11/12/86	8	0.013	0.018	0.037	0.003	0.	0.014	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/26/77-11/12/86	8	0.475	0.463	0.58	0.32	0.009	0.097	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/10/69-12/19/85	8	7.5	7.75	10.	6.	2.214	1.488	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/30/71-09/18/86	6	3500.	7750.	22000.	500.	81975000.	9054.005	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/30/71-09/18/86	6	3.5	3.541	4.342	2.699	0.433	0.658	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3474.712								
32730p	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	04/23/69-11/12/86	8	3.5	3.5	6.	1.	2.571	1.604	**	**	**	**
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/26/77-11/12/86	8	0.02	0.022	0.04	0.006	0.	0.013	**	**	**	**

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Annual Analysis for 1986 - Station SARA0064

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/10/69-11/12/86	10	16.5	15.1	24.	0.	64.711	8.044	0.7	7.375	22.5	24.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/10/69-11/12/86	10	18.5	17.5	27.	-3.	93.833	9.687	6.	10.5	26.25	27.
00032	CLOUD COVER (PERCENT)	03/10/69-11/12/86	10	35.	48.	100.	10.	967.778	31.109	11.	27.5	82.5	99.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/12/76-11/12/86	9	1.2	2.1	5.4	0.6	2.428	1.558	0.6	1.	3.	5.4
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/10/69-11/12/86	10	100.5	100.8	126.	68.	321.067	17.918	69.9	87.	117.75	125.7
00300p	OXYGEN, DISSOLVED MG/L	03/10/69-11/12/86	10	8.6	9.04	12.6	7.2	3.083	1.756	7.24	7.75	9.8	12.5

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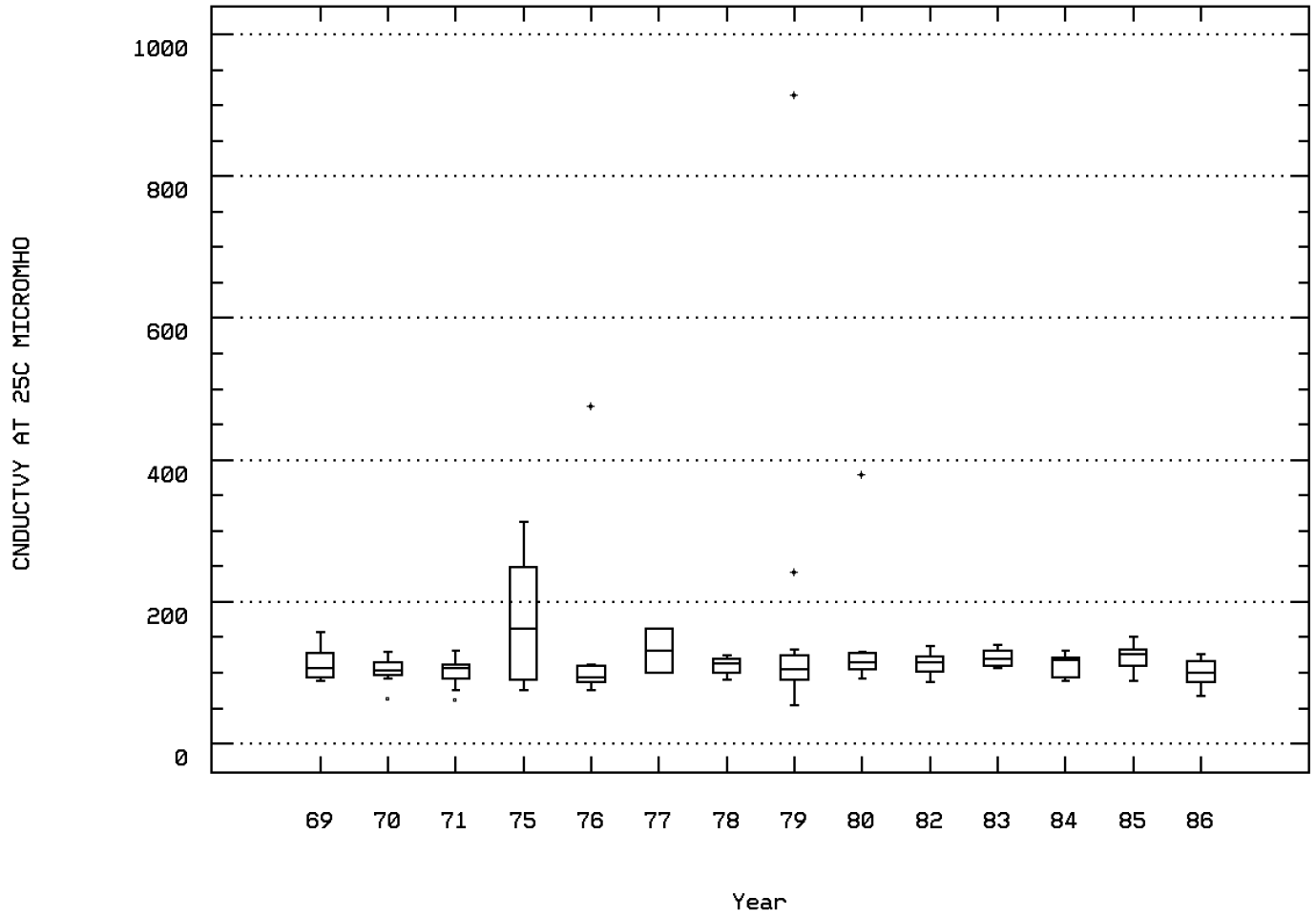
Annual Analysis for 1986 - Station SARA0064

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00315	BOD, 7 DAY, 20 DEG C MG/L	04/15/69-08/19/86	2	2.35	2.35	2.5	2.2	0.045	0.212	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	03/10/69-04/30/86	3	15.	14.	16.	11.	7.	2.646	**	**	**	**
00400p	PH (STANDARD UNITS)	04/15/69-11/12/86	10	7.125	7.128	7.38	6.9	0.027	0.165	6.9	6.975	7.3	7.372
00400p	CONVERTED PH (STANDARD UNITS)	04/15/69-11/12/86	10	7.124	7.1	7.38	6.9	0.028	0.168	6.9	6.975	7.3	7.372
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/15/69-11/12/86	10	0.075	0.079	0.126	0.042	0.001	0.03	0.043	0.05	0.106	0.126
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/10/69-11/12/86	10	6.5	7.5	13.	2.	12.944	3.598	2.2	4.75	10.5	12.9
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/11/75-11/12/86	10	3.	3.4	6.	2.	1.822	1.35	2.	2.	4.25	5.9
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/10/69-11/12/86	10	3.5	4.15	9.	0.5	7.003	2.646	0.55	2.5	6.25	8.8
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/10/69-11/12/86	10	0.089	0.116	0.34	0.031	0.01	0.098	0.032	0.05	0.143	0.33
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/10/69-11/12/86	10	0.01	0.01	0.017	0.003	0.	0.005	0.003	0.006	0.015	0.017
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/26/77-11/12/86	10	0.28	0.303	0.56	0.05	0.018	0.134	0.069	0.24	0.398	0.546
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/10/69-11/12/86	10	40.	106.3	400.	24.	20984.011	144.859	24.1	31.75	132.	396.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/30/71-09/18/86	5	23000.	26000.	63000.	3000.	612000000.	24738.634	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/30/71-09/18/86	5	4.362	4.179	4.799	3.477	0.321	0.566	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			15090.111								
32730p	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	04/23/69-11/12/86	10	1.5	1.45	3.	0.5	0.747	0.864	0.5	0.5	2.	2.9
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/26/77-11/12/86	10	0.03	0.027	0.04	0.02	0.	0.007	0.02	0.02	0.03	0.039

** - 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

Station: SARA0064 Parameter Code: 00095

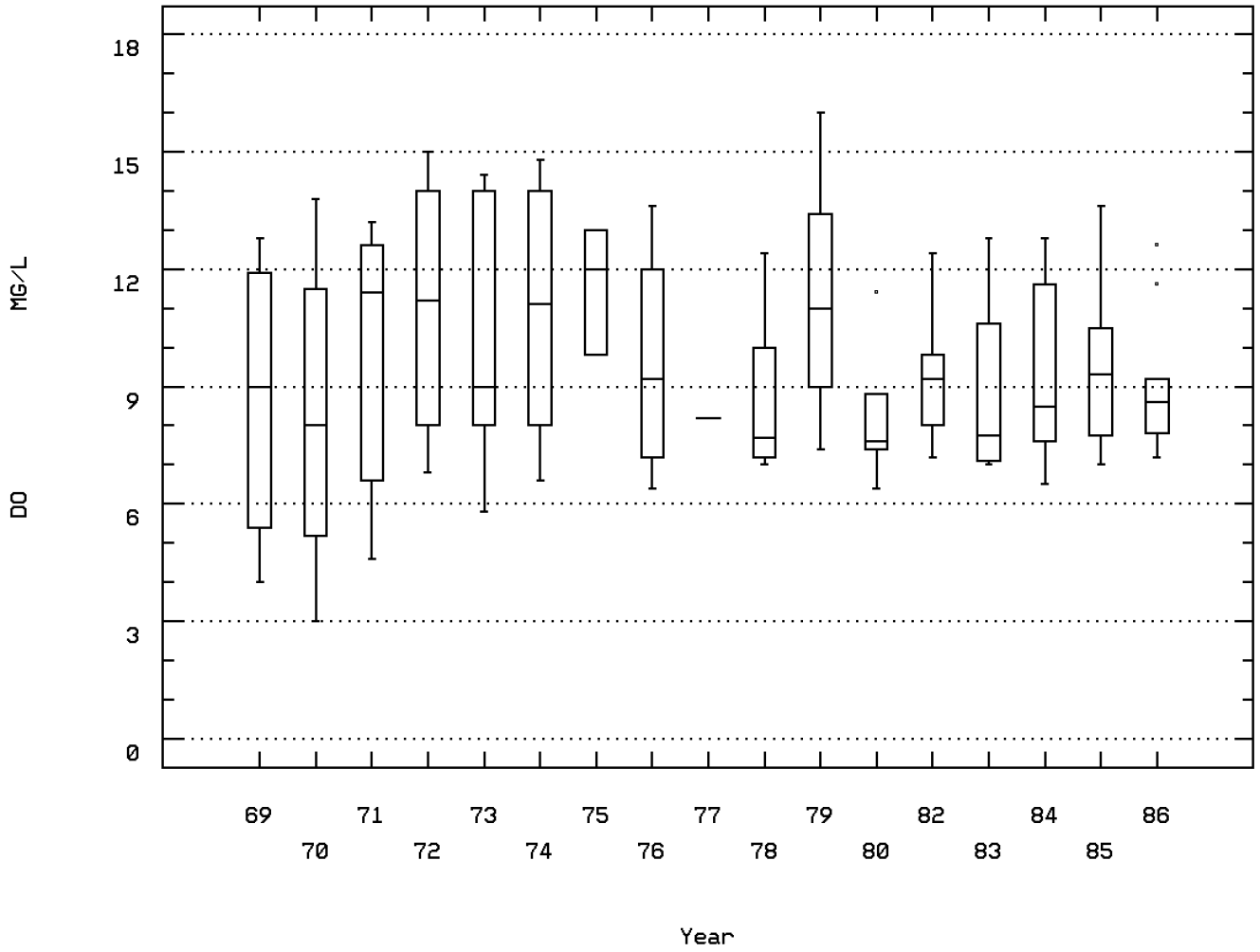
SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)



HUDSON RIVER

Station: SARA0064 Parameter Code: 00300

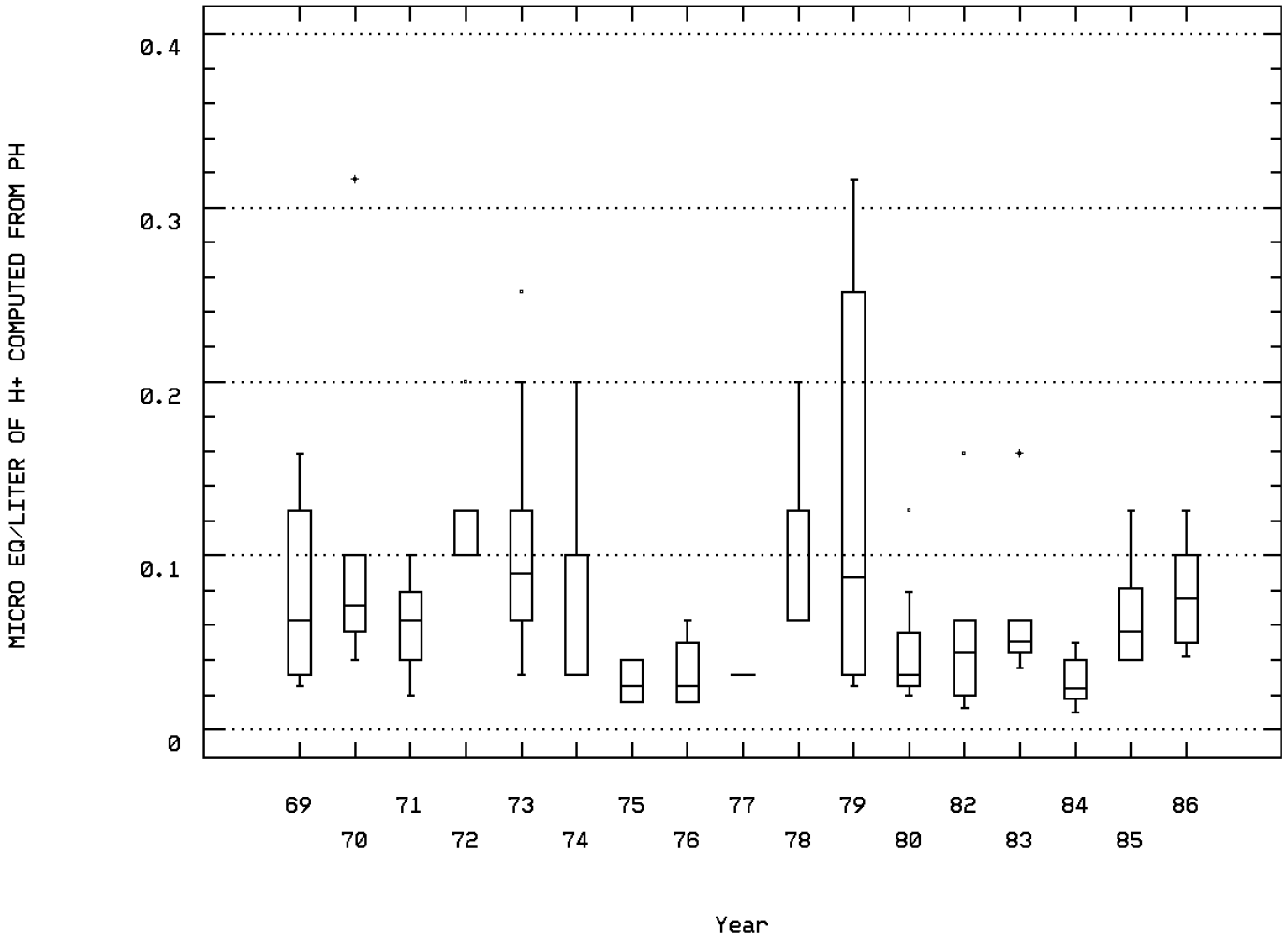
OXYGEN, DISSOLVED



HUDSON RIVER

Station: SARA0064 Parameter Code: 00400

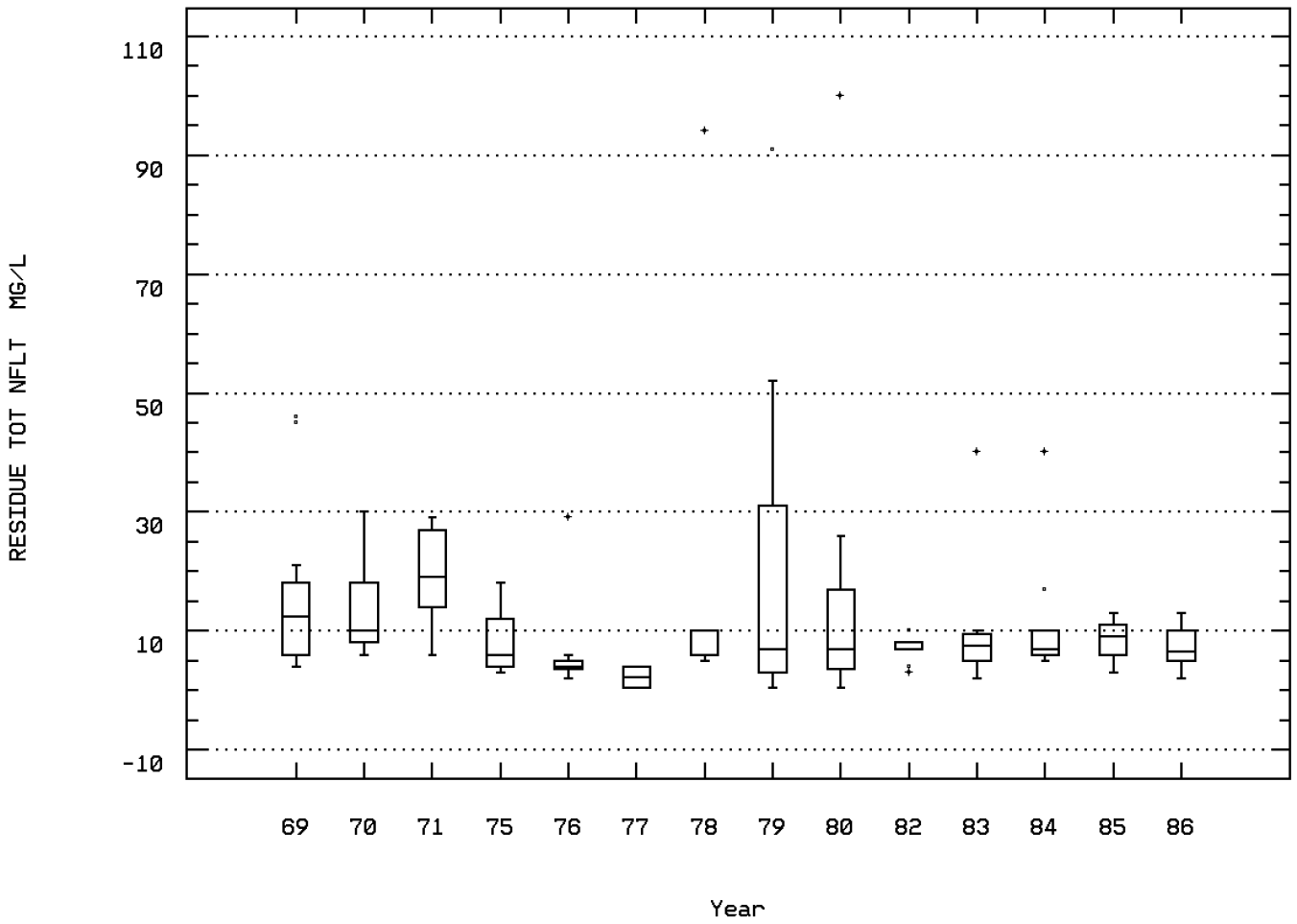
MICRO EQ/LITER OF H+ COMPUTED FROM PH



HUDSON RIVER

Station: SARA0064 Parameter Code: 00530

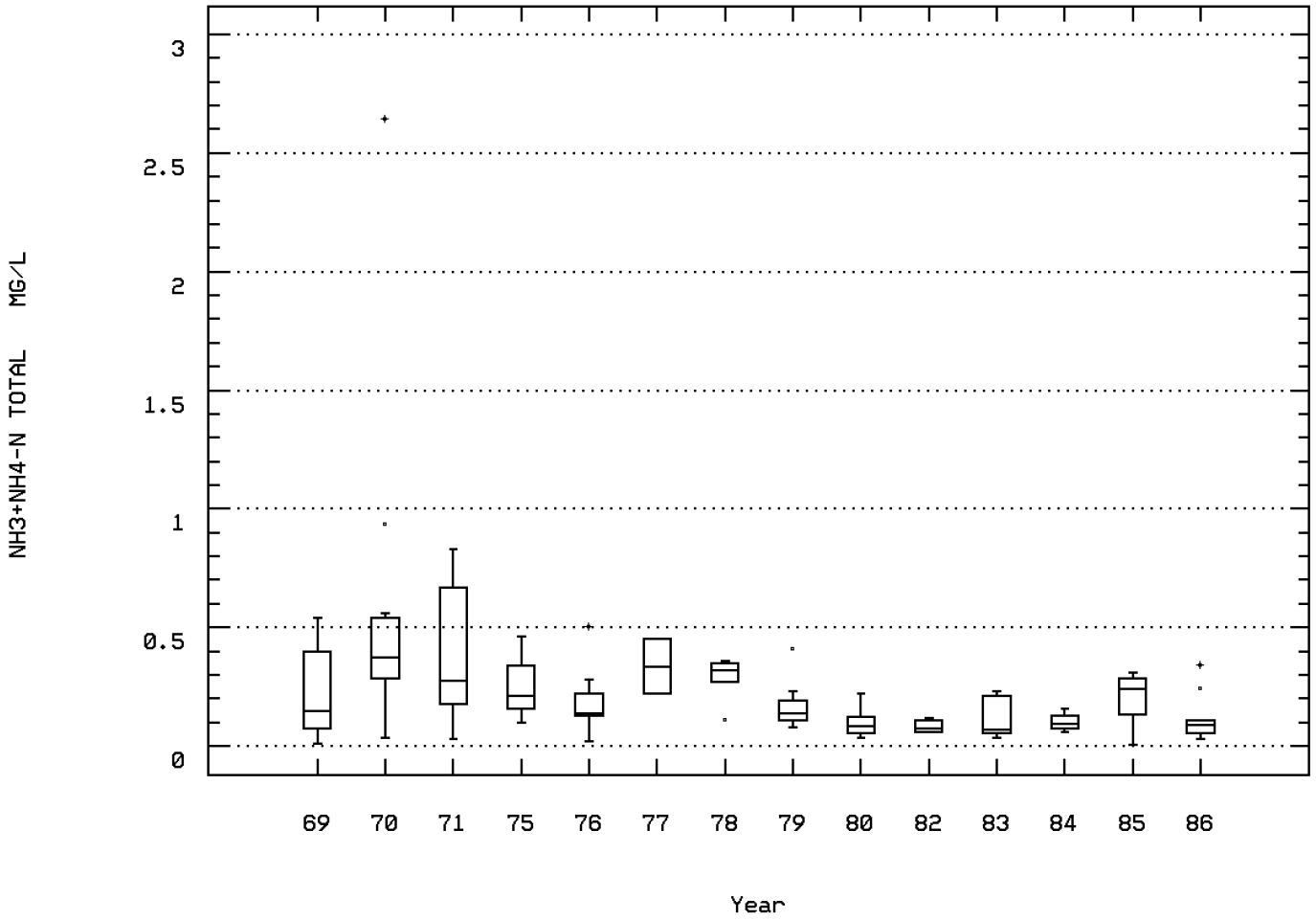
RESIDUE, TOTAL NONFILTRABLE (MG/L)



HUDSON RIVER

Station: SARA0064 Parameter Code: 00610

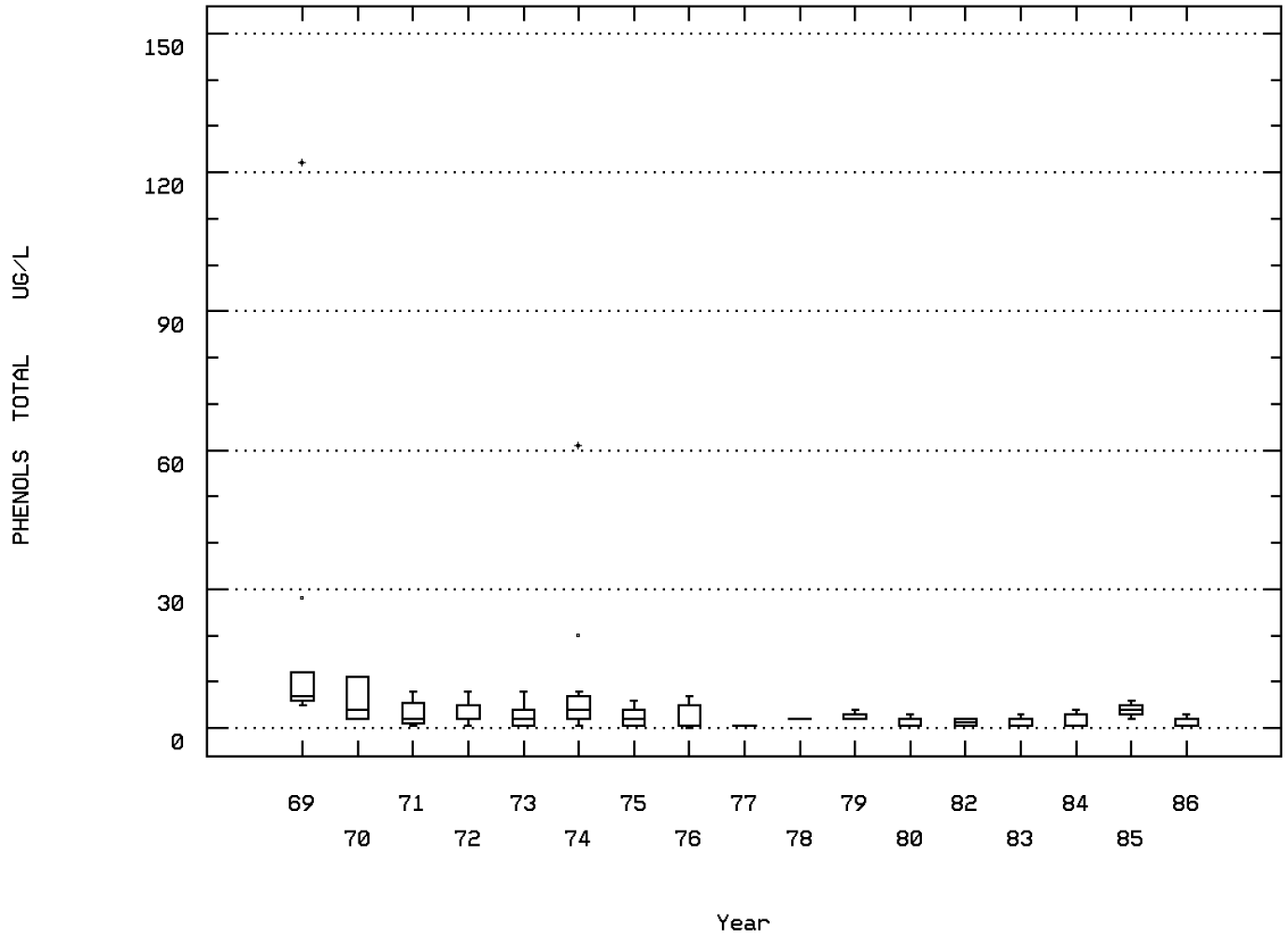
NITROGEN, AMMONIA, TOTAL (MG/L AS N)



HUDSON RIVER

Station: SARA0064 Parameter Code: 32730

PHENOLICS, TOTAL, RECOVERABLE (UG/L)



HUDSON RIVER

Seasonal Analysis for Season #1: 9/20 to 2/29 - Station SARA0064

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/10/69-11/12/86	44	8.25	8.055	18.	0.	37.727	6.142	0.05	1.125	14.	17.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/10/69-11/12/86	39	10.	8.374	26.	-13.	85.487	9.246	6.	8.	16.	22.
00032	CLOUD COVER (PERCENT)	03/10/69-11/12/86	39	90.	66.692	100.	5.	1244.692	35.28	10.	35.	99.	100.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/15/69-09/09/76	28	4.85	6.482	17.	1.	18.353	4.284	1.	3.7	8.825	13.2
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/12/76-11/12/86	19	2.7	6.2	72.	0.6	254.686	15.959	1.5	2.	3.	4.9
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/10/69-11/12/86	35	110.	135.743	913.	75.	19440.726	139.43	83.	100.	120.	133.8
00300p	OXYGEN, DISSOLVED MG/L	03/10/69-11/12/86	47	11.	11.009	16.	4.4	6.828	2.613	8.	9.	13.2	14.46
00310p	BOD, 5 DAY, 20 DEG C MG/L	06/04/69-11/12/86	33	2.	2.318	6.3	0.5	1.697	1.303	1.04	1.5	2.85	4.62
00315p	BOD, 7 DAY, 20 DEG C MG/L	04/15/69-08/19/86	24	2.75	3.342	6.	1.6	2.157	1.469	1.65	2.125	4.675	5.8
00335p	COD, .025N K2CR2O7 MG/L	03/10/69-04/30/86	24	16.65	18.388	56.	8.	96.099	9.803	10.5	14.	19.	30.
00400p	PH (STANDARD UNITS)	04/15/69-11/12/86	43	7.2	7.166	7.8	6.6	0.099	0.315	6.7	6.9	7.4	7.6
00400p	CONVERTED PH (STANDARD UNITS)	04/15/69-11/12/86	43	7.2	7.061	7.8	6.6	0.111	0.332	6.7	6.9	7.4	7.6
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/15/69-11/12/86	43	0.063	0.087	0.251	0.016	0.004	0.06	0.025	0.04	0.126	0.2
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/27/78-12/19/85	18	26.	27.222	36.	20.	22.065	4.697	21.8	23.75	31.25	34.2
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	03/10/69-05/26/77	14	21.5	23.786	56.	5.	136.181	11.67	9.	18.25	27.75	44.5
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/10/69-11/12/86	32	7.	13.219	94.	0.5	463.709	21.534	2.	4.	10.75	24.3
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/11/75-11/12/86	20	3.	8.45	93.	0.5	406.971	20.174	0.55	2.	6.75	12.7
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/10/69-11/12/86	30	2.	5.467	78.	0.5	194.275	13.938	0.5	1.	5.	6.9
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	03/10/69-09/09/76	14	0.34	0.371	0.83	0.08	0.045	0.211	0.095	0.235	0.488	0.745
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/10/69-11/12/86	34	0.195	0.318	2.64	0.054	0.206	0.454	0.063	0.1	0.371	0.629
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/10/69-11/12/86	30	0.01	0.051	1.22	0.003	0.049	0.221	0.003	0.006	0.015	0.02
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/10/69-09/09/76	14	0.32	0.337	0.68	0.13	0.018	0.132	0.185	0.263	0.363	0.605
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/11/75-10/09/86	15	0.68	0.715	1.4	0.1	0.149	0.386	0.166	0.4	0.98	1.4
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/26/77-11/12/86	18	0.325	0.355	0.73	0.05	0.024	0.154	0.185	0.278	0.47	0.559
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/29/75-11/12/86	21	0.004	0.005	0.017	0.	0.	0.004	0.001	0.003	0.007	0.012
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	03/10/69-11/12/86	14	36.	61.857	360.	29.	7417.978	86.128	31.	34.	46.	209.
00940p	CHLORIDE,TOTAL IN WATER MG/L	03/10/69-12/19/85	32	6.	6.125	10.	4.	2.306	1.519	4.	5.	7.	8.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/30/71-09/18/86	37	6700.	42652.703	890000.	0.	23906559159.159	154617.461	2080.	4400.	12500.	29200.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/30/71-09/18/86	37	3.826	3.836	5.949	0.	0.745	0.863	3.318	3.643	4.097	4.436
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			6854.166								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	10/29/75-09/18/86	20	500.	657.	2400.	40.	400190.526	632.606	94.	225.	820.	2010.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	10/29/75-09/18/86	20	2.681	2.625	3.38	1.602	0.204	0.451	1.97	2.35	2.913	3.298
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			422.014								
32730p	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	04/23/69-11/12/86	50	2.	4.22	61.	0.5	73.593	8.579	0.55	1.	5.	6.9
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/26/77-11/12/86	20	0.02	0.026	0.1	0.005	0.	0.019	0.01	0.02	0.03	0.039

** - 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

Seasonal Analysis for Season #2: 3/01 to 4/30 - Station SARA0064

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/10/69-11/12/86	31	4.	5.49	16.	0.	12.664	3.559	2.	3.	7.5	10.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/10/69-11/12/86	25	11.	10.424	23.5	-3.	38.603	6.213	3.6	6.5	14.5	19.4
00032	CLOUD COVER (PERCENT)	03/10/69-11/12/86	26	50.	51.615	100.	0.	1526.406	39.069	3.5	8.75	91.25	99.3
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/15/69-09/09/76	15	4.7	8.693	24.	1.	52.331	7.234	2.2	3.2	16.	21.6
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/12/76-11/12/86	14	3.2	6.479	25.	1.	62.563	7.91	1.05	1.95	6.425	24.5
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/10/69-11/12/86	26	123.	130.538	474.	62.	6120.818	78.236	72.9	92.5	133.25	181.9
00300p	OXYGEN, DISSOLVED MG/L	03/10/69-11/12/86	31	12.4	12.161	14.9	9.2	1.882	1.372	9.76	11.4	12.8	14.
00310p	BOD, 5 DAY, 20 DEG C MG/L	06/04/69-11/12/86	15	2.	2.16	4.5	1.2	0.865	0.93	1.2	1.5	3.	3.72
00315p	BOD, 7 DAY, 20 DEG C MG/L	04/15/69-08/19/86	17	2.4	2.776	7.2	0.	2.904	1.704	1.04	1.6	3.65	6.
00335p	COD, .025N K2CR2O7 MG/L	03/10/69-04/30/86	22	13.5	16.786	84.	2.	263.76	16.241	4.78	9.3	17.625	25.
00400p	PH (STANDARD UNITS)	04/15/69-11/12/86	25	7.38	7.315	8.	6.5	0.155	0.394	6.56	7.125	7.6	7.77
00400p	CONVERTED PH (STANDARD UNITS)	04/15/69-11/12/86	25	7.38	7.121	8.	6.5	0.194	0.441	6.56	7.125	7.6	7.77
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/15/69-11/12/86	25	0.042	0.076	0.316	0.01	0.008	0.088	0.017	0.025	0.075	0.277
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/27/78-12/19/85	11	27.	26.045	40.	0.5	137.823	11.74	3.4	16.	36.	39.2
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	03/10/69-05/26/77	11	29.	27.545	36.	13.	48.873	6.991	14.8	23.	34.	35.8
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/10/69-11/12/86	26	11.5	17.077	46.	1.	201.354	14.19	2.7	6.75	26.75	45.3

** - 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

Seasonal Analysis for Season #2: 3/01 to 4/30 - Station SARA0064

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/11/75-11/12/86	15	4.	4.4	10.	1.	6.114	2.473	1.	3.	6.	8.8
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/10/69-11/12/86	26	6.5	10.769	44.	0.5	136.725	11.693	0.85	2.75	14.25	34.6
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	03/10/69-09/09/76	11	0.29	0.365	0.77	0.11	0.045	0.212	0.12	0.2	0.6	0.736
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/10/69-11/12/86	26	0.181	0.194	0.458	0.02	0.018	0.134	0.039	0.087	0.273	0.436
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/10/69-11/12/86	25	0.007	0.087	2.	0.001	0.159	0.399	0.002	0.004	0.009	0.017
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/10/69-09/09/76	12	0.455	0.463	0.77	0.25	0.02	0.141	0.265	0.363	0.53	0.725
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/11/75-10/09/86	8	0.42	0.52	0.96	0.13	0.069	0.262	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/26/77-11/12/86	13	0.44	0.489	0.77	0.36	0.014	0.118	0.372	0.4	0.57	0.706
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/29/75-11/12/86	16	0.004	0.005	0.014	0.001	0.	0.004	0.001	0.002	0.007	0.012
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	03/10/69-11/12/86	12	42.	40.583	56.	24.	111.356	10.553	24.	33.25	49.5	54.8
00940p	CHLORIDE,TOTAL IN WATER MG/L	03/10/69-12/19/85	23	6.	6.	12.	2.	5.818	2.412	3.	4.	8.	9.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/30/71-09/18/86	20	6150.	22760.	140000.	1000.	1845476210.526	42959.006	1050.	1925.	12750.	133200.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/30/71-09/18/86	20	3.782	3.835	5.146	3.	0.416	0.645	3.018	3.284	4.105	5.117
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			6836.366								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	10/29/75-09/18/86	10	210.	275.	620.	70.	43961.111	209.669	71.	95.	487.5	618.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	10/29/75-09/18/86	10	2.322	2.318	2.792	1.845	0.123	0.35	1.851	1.976	2.684	2.791
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			207.802								
32730p	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	04/23/69-11/12/86	29	2.	3.241	28.	0.5	28.833	5.37	0.5	0.5	3.	8.
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/26/77-11/12/86	14	0.025	0.028	0.08	0.006	0.	0.02	0.008	0.01	0.04	0.065

** - 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

Seasonal Analysis for Season #3: 5/01 to 6/30 - Station SARA0064

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/10/69-11/12/86	31	18.	17.752	25.	9.	21.948	4.685	10.5	15.	21.5	23.8
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/10/69-11/12/86	24	23.	22.208	37.2	9.	57.361	7.574	10.8	16.55	27.75	31.75
00032	CLOUD COVER (PERCENT)	03/10/69-11/12/86	23	40.	43.826	100.	0.	1066.696	32.66	4.	10.	70.	95.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/15/69-09/09/76	17	4.7	6.235	26.	2.	30.851	5.554	2.8	3.1	7.4	13.2
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/12/76-11/12/86	18	3.	4.239	24.	0.5	26.592	5.157	1.13	2.175	3.975	8.25
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/10/69-11/12/86	30	100.	120.2	378.	54.	4711.2	68.638	76.2	87.	117.75	207.
00300p	OXYGEN, DISSOLVED MG/L	03/10/69-11/12/86	31	8.6	8.606	11.6	5.	2.744	1.656	6.68	7.4	9.6	11.16
00310p	BOD, 5 DAY, 20 DEG C MG/L	06/04/69-11/12/86	20	2.15	2.	3.8	0.	1.029	1.015	0.5	1.225	2.875	3.18
00315p	BOD, 7 DAY, 20 DEG C MG/L	04/15/69-08/19/86	25	2.2	2.172	4.6	0.	0.889	0.943	0.8	1.7	2.9	3.14
00335p	COD, .025N K2CR2O7 MG/L	03/10/69-04/30/86	22	15.	15.7	44.	3.	81.18	9.01	5.6	8.85	19.	28.6
00400p	PH (STANDARD UNITS)	04/15/69-11/12/86	28	7.275	7.25	7.8	6.5	0.071	0.266	6.89	7.1	7.4	7.51
00400p	CONVERTED PH (STANDARD UNITS)	04/15/69-11/12/86	28	7.274	7.16	7.8	6.5	0.079	0.282	6.89	7.1	7.4	7.51
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/15/69-11/12/86	28	0.053	0.069	0.316	0.016	0.003	0.058	0.031	0.04	0.079	0.129
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/27/78-12/19/85	14	26.	28.929	82.	9.	263.61	16.236	15.	22.75	29.25	56.5
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	03/10/69-05/26/77	10	23.	22.6	30.	13.	19.822	4.452	13.6	21.25	25.25	29.6
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/10/69-11/12/86	30	8.	10.883	52.	0.5	116.098	10.775	2.2	4.	12.25	18.9
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/11/75-11/12/86	18	4.5	5.111	14.	1.	12.928	3.596	1.	2.	8.	11.3
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/10/69-11/12/86	30	4.	6.2	50.	0.5	91.786	9.581	0.5	2.	7.	11.6
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	03/10/69-09/09/76	9	0.26	0.3	0.63	0.05	0.029	0.171	0.05	0.205	0.425	0.63
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/10/69-11/12/86	30	0.135	0.157	0.45	0.01	0.011	0.106	0.038	0.064	0.226	0.33
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/10/69-11/12/86	26	0.01	0.015	0.058	0.001	0.	0.015	0.001	0.006	0.02	0.042
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/10/69-09/09/76	12	0.4	0.374	0.52	0.04	0.022	0.149	0.088	0.27	0.5	0.52
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/11/75-10/09/86	13	0.58	0.61	1.1	0.16	0.085	0.291	0.228	0.355	0.85	1.06
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/26/77-11/12/86	18	0.445	0.48	0.8	0.24	0.031	0.175	0.285	0.32	0.643	0.764
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/29/75-11/12/86	19	0.005	0.012	0.08	0.001	0.	0.021	0.001	0.002	0.008	0.06
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	03/10/69-11/12/86	11	36.	70.182	400.	23.	12039.164	109.723	24.8	33.	47.	331.2
00940p	CHLORIDE,TOTAL IN WATER MG/L	03/10/69-12/19/85	28	5.	5.393	9.	2.	2.321	1.524	3.	5.	6.	7.1
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/30/71-09/18/86	29	8000.	26051.724	180000.	500.	1408096157.635	37524.607	1000.	3850.	56500.	60000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/30/71-09/18/86	29	3.903	4.005	5.255	2.699	0.437	0.661	3.	3.579	4.752	4.778
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			10119.795								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	10/29/75-09/18/86	19	210.	371.421	1800.	20.	172837.257	415.737	60.	100.	500.	800.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	10/29/75-09/18/86	19	2.322	2.347	3.255	1.301	0.228	0.478	1.778	2.	2.699	2.903

** - Less than 9 observations ## - Computed 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: 5/01 to 6/30 - Station SARA0064

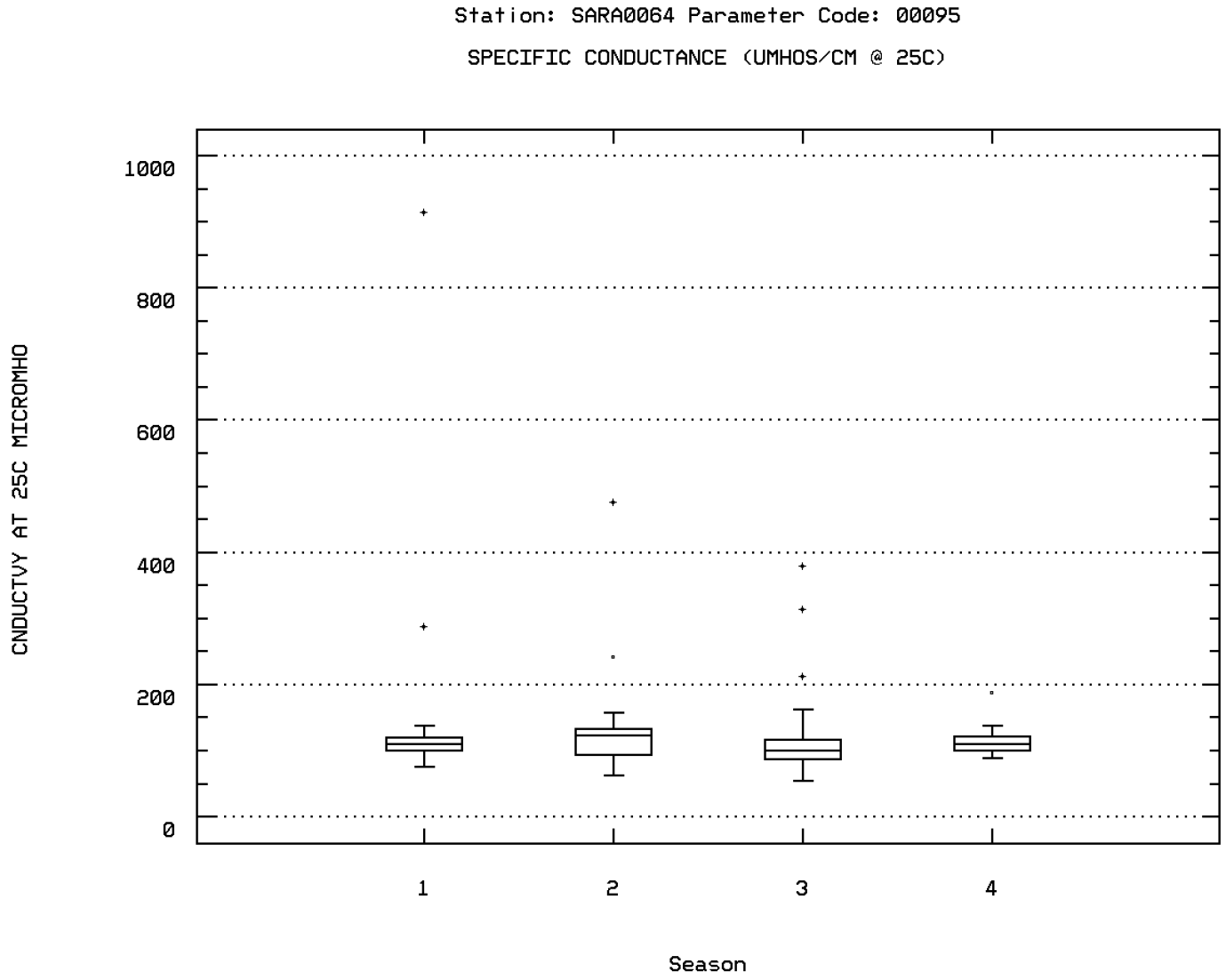
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			222.092								
32730p	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	04/23/69-11/12/86	37	2.	6.392	122.	0.005	395.486	19.887	0.5	1.	4.	8.8
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/26/77-11/12/86	17	0.03	0.029	0.07	0.005	0.	0.017	0.005	0.02	0.04	0.062

** - Less than 9 observations ## - Computed 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 #4: 7/01 to 9/19 - Station SARA0064

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/10/69-11/12/86	40	23.	22.978	28.5	17.	7.277	2.698	19.53	21.35	25.	26.45
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/10/69-11/12/86	35	27.	26.086	36.	12.7	22.791	4.774	18.6	24.	29.	32.
00032	CLOUD COVER (PERCENT)	03/10/69-11/12/86	33	35.	40.273	100.	0.	1158.705	34.04	5.	10.	62.5	97.4
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/15/69-09/09/76	20	5.55	7.435	30.	2.1	37.851	6.152	3.07	4.	8.075	13.9
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/12/76-11/12/86	22	2.35	3.532	30.	0.5	35.937	5.995	1.	1.5	3.05	4.14
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/10/69-11/12/86	36	110.5	113.111	187.	89.	326.444	18.068	93.4	100.	122.5	130.5
00300p	OXYGEN, DISSOLVED MG/L	03/10/69-11/12/86	41	7.2	6.837	8.6	3.	1.509	1.228	4.64	6.4	7.6	8.
00310p	BOD, 5 DAY, 20 DEG C MG/L	06/04/69-11/12/86	28	2.35	2.443	4.9	1.	0.903	0.95	1.37	1.7	3.075	3.73
00315p	BOD, 7 DAY, 20 DEG C MG/L	04/15/69-08/19/86	23	2.7	2.717	4.2	0.	0.763	0.874	1.84	2.3	3.1	4.
00335p	COD, .025N K2CR2O7 MG/L	03/10/69-04/30/86	25	16.	16.12	28.	4.	31.527	5.615	8.4	12.5	20.	24.4
00400p	PH (STANDARD UNITS)	04/15/69-11/12/86	40	7.2	7.236	7.9	6.8	0.092	0.304	6.9	7.	7.4	7.79
00400p	CONVERTED PH (STANDARD UNITS)	04/15/69-11/12/86	40	7.2	7.147	7.9	6.8	0.1	0.317	6.9	7.	7.4	7.79
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/15/69-11/12/86	40	0.063	0.071	0.158	0.013	0.002	0.042	0.016	0.04	0.1	0.126
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/27/78-12/19/85	18	26.	26.	35.	18.	23.059	4.802	18.9	22.	28.	34.1
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	03/10/69-05/26/77	12	24.5	23.	31.	11.	32.182	5.673	12.8	18.75	25.	31.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/10/69-11/12/86	36	7.	11.444	100.	1.	278.54	16.69	2.7	4.25	10.	26.3
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/11/75-11/12/86	24	4.	5.021	40.	0.5	58.923	7.676	1.	2.	5.	6.5
00540p	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/10/69-11/12/86	36	3.5	6.403	60.	0.5	113.955	10.675	0.5	0.625	7.5	17.3
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	03/10/69-09/09/76	12	0.315	0.331	0.55	0.06	0.018	0.135	0.108	0.245	0.428	0.535
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/10/69-11/12/86	35	0.13	0.199	0.932	0.007	0.042	0.204	0.035	0.065	0.233	0.516
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/10/69-11/12/86	33	0.014	0.024	0.167	0.001	0.001	0.032	0.003	0.009	0.03	0.06
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/10/69-09/09/76	14	0.295	0.294	0.64	0.02	0.026	0.16	0.035	0.2	0.395	0.555
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/11/75-10/09/86	13	0.52	0.612	1.1	0.4	0.045	0.211	0.4	0.44	0.79	0.98
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/26/77-11/12/86	22	0.4	0.386	0.67	0.16	0.019	0.14	0.212	0.268	0.493	0.63
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/29/75-11/12/86	24	0.005	0.008	0.025	0.001	0.	0.006	0.002	0.004	0.012	0.019
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	03/10/69-11/12/86	15	35.	36.467	46.	25.	41.552	6.446	27.4	30.	42.	45.4
00940p	CHLORIDE,TOTAL IN WATER MG/L	03/10/69-12/19/85	33	6.	6.606	11.	3.	3.934	1.983	4.4	5.	8.	9.6
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/30/71-09/18/86	36	3250.	19783.611	360000.	260.	3710185920.873	60911.296	661.	1275.	7700.	38400.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/30/71-09/18/86	36	3.512	3.626	5.556	2.415	0.47	0.686	2.814	3.103	3.885	4.582
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4229.685								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	10/29/75-09/18/86	23	170.	447.522	5800.	20.	1386610.352	1177.544	51.	80.	400.	552.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	10/29/75-09/18/86	23	2.23	2.24	3.763	1.301	0.245	0.495	1.703	1.903	2.602	2.739
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			173.699								
32730p	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	04/23/69-11/12/86	46	1.	1.946	11.	0.5	5.236	2.288	0.5	0.5	2.	5.6
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/26/77-11/12/86	22	0.03	0.028	0.05	0.008	0.	0.011	0.01	0.02	0.04	0.04

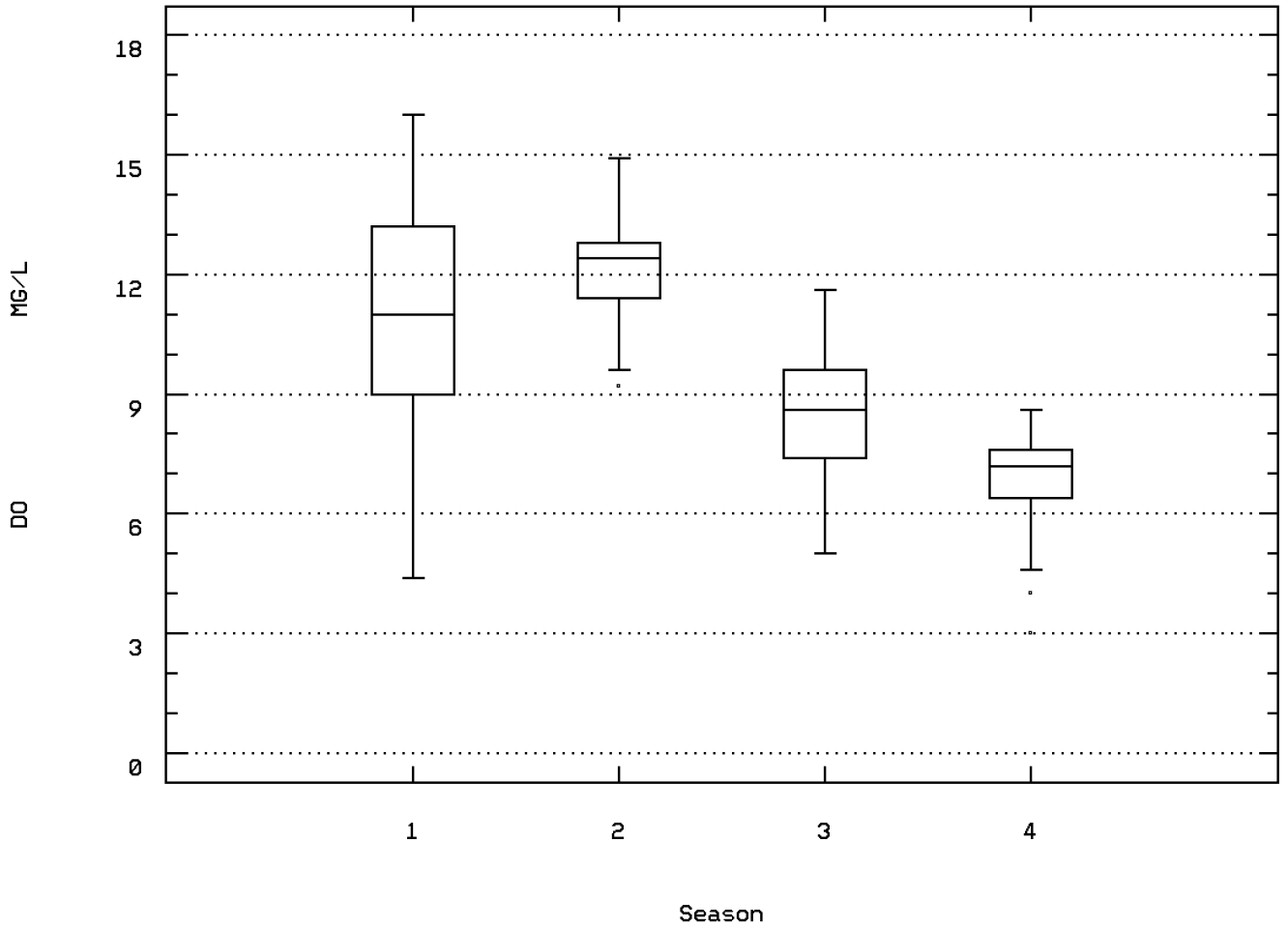
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot



HUDSON RIVER

Station: SARA0064 Parameter Code: 00300

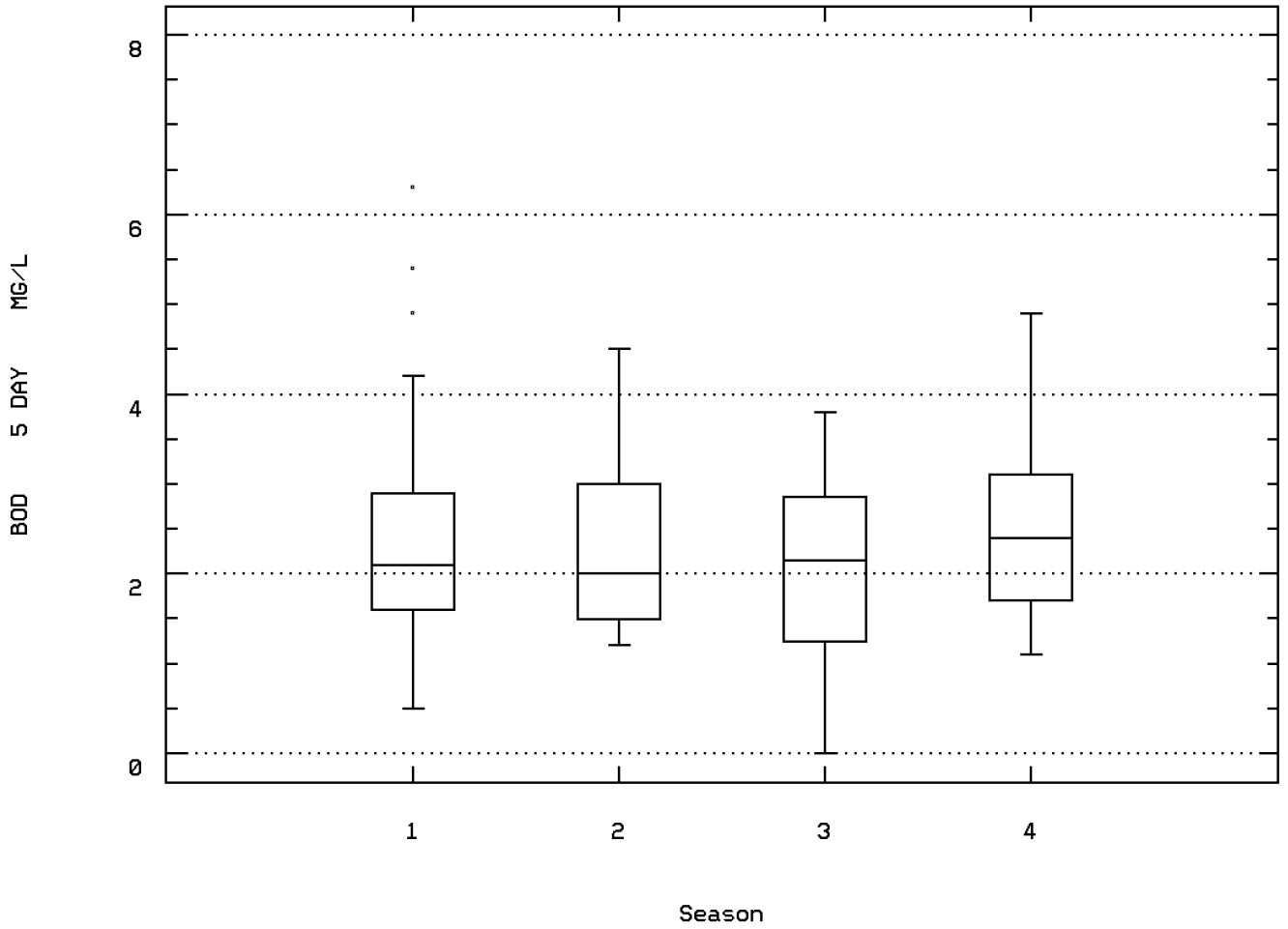
OXYGEN, DISSOLVED



HUDSON RIVER

Station: SARA0064 Parameter Code: 00310

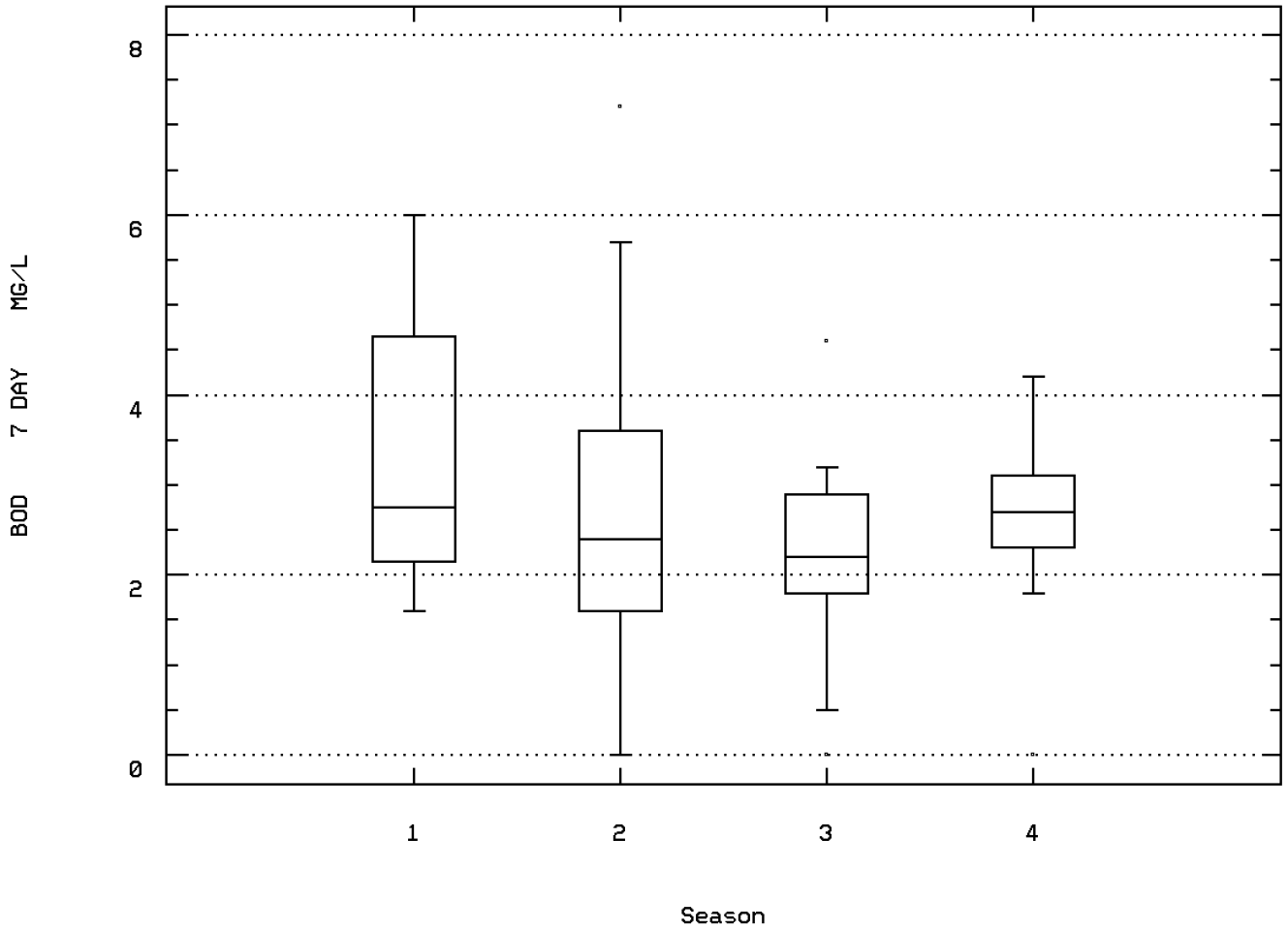
BOD, 5 DAY, 20 DEG C



HUDSON RIVER

Station: SARA0064 Parameter Code: 00315

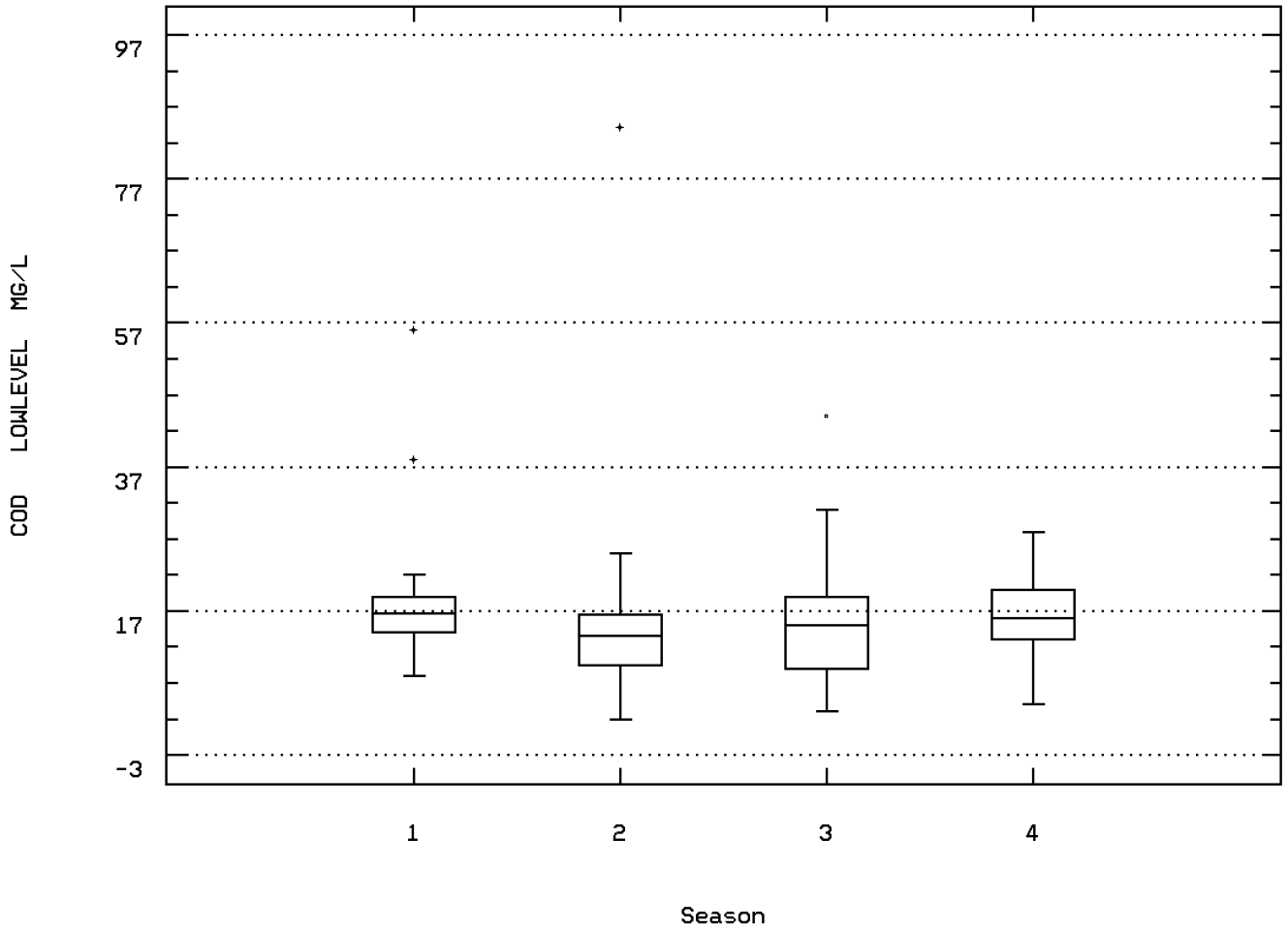
BOD, 7 DAY, 20 DEG C



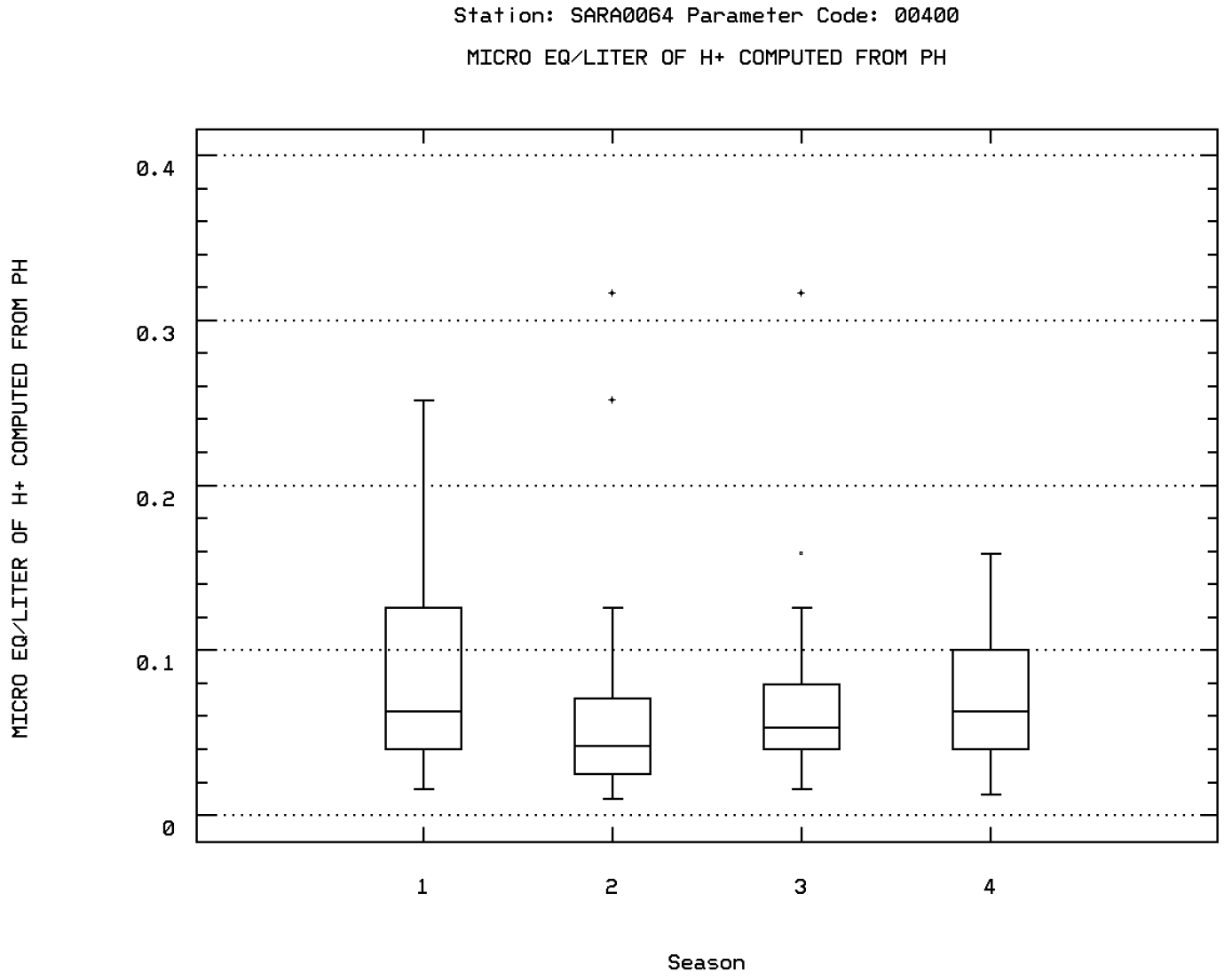
HUDSON RIVER

Station: SARA0064 Parameter Code: 00335

COD, .025N K2CR2O7



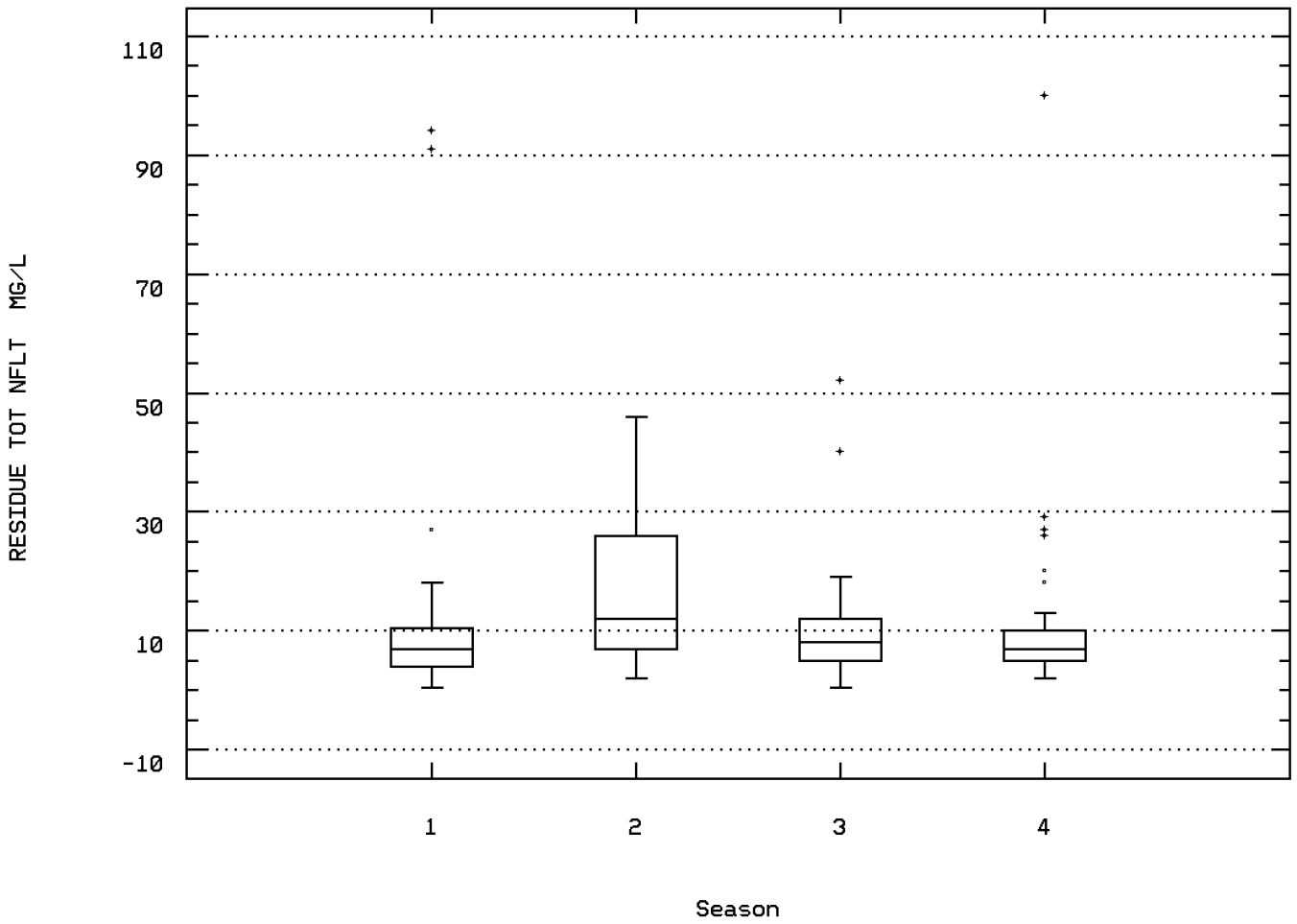
HUDSON RIVER



HUDSON RIVER

Station: SARA0064 Parameter Code: 00530

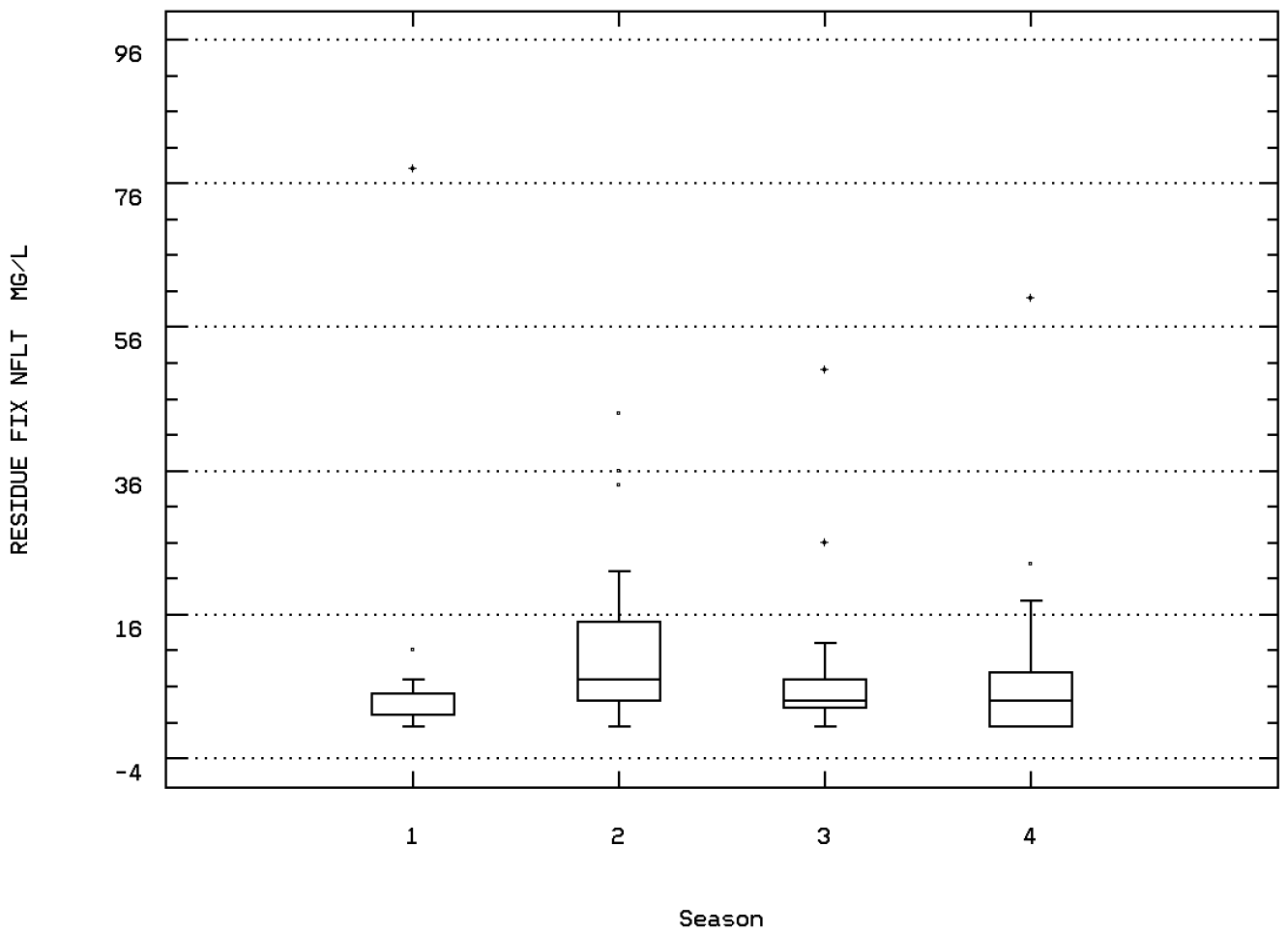
RESIDUE, TOTAL NONFILTRABLE (MG/L)



HUDSON RIVER

Station: SARA0064 Parameter Code: 00540

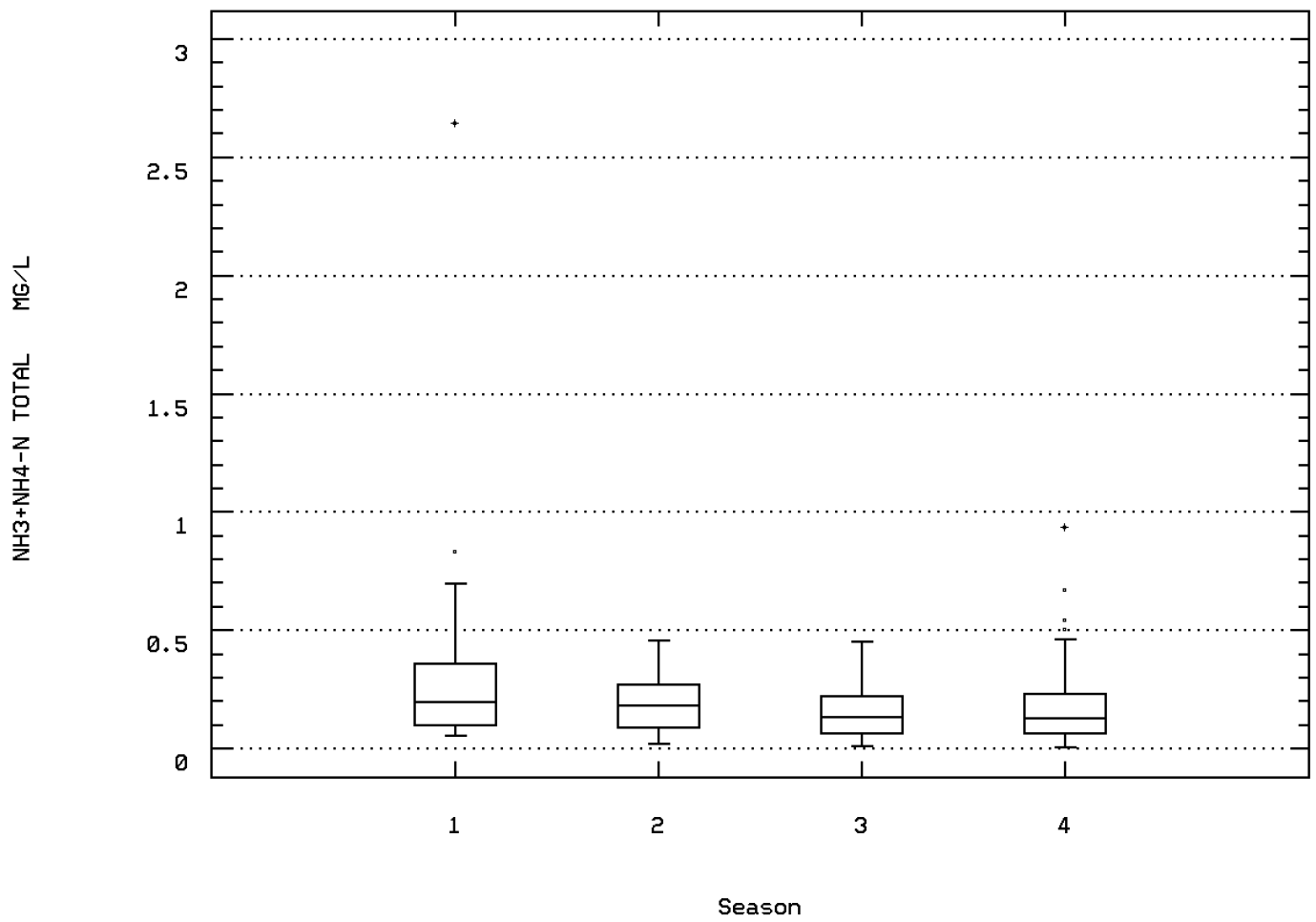
RESIDUE, FIXED NONFILTRABLE (MG/L)



HUDSON RIVER

Station: SARA0064 Parameter Code: 00610

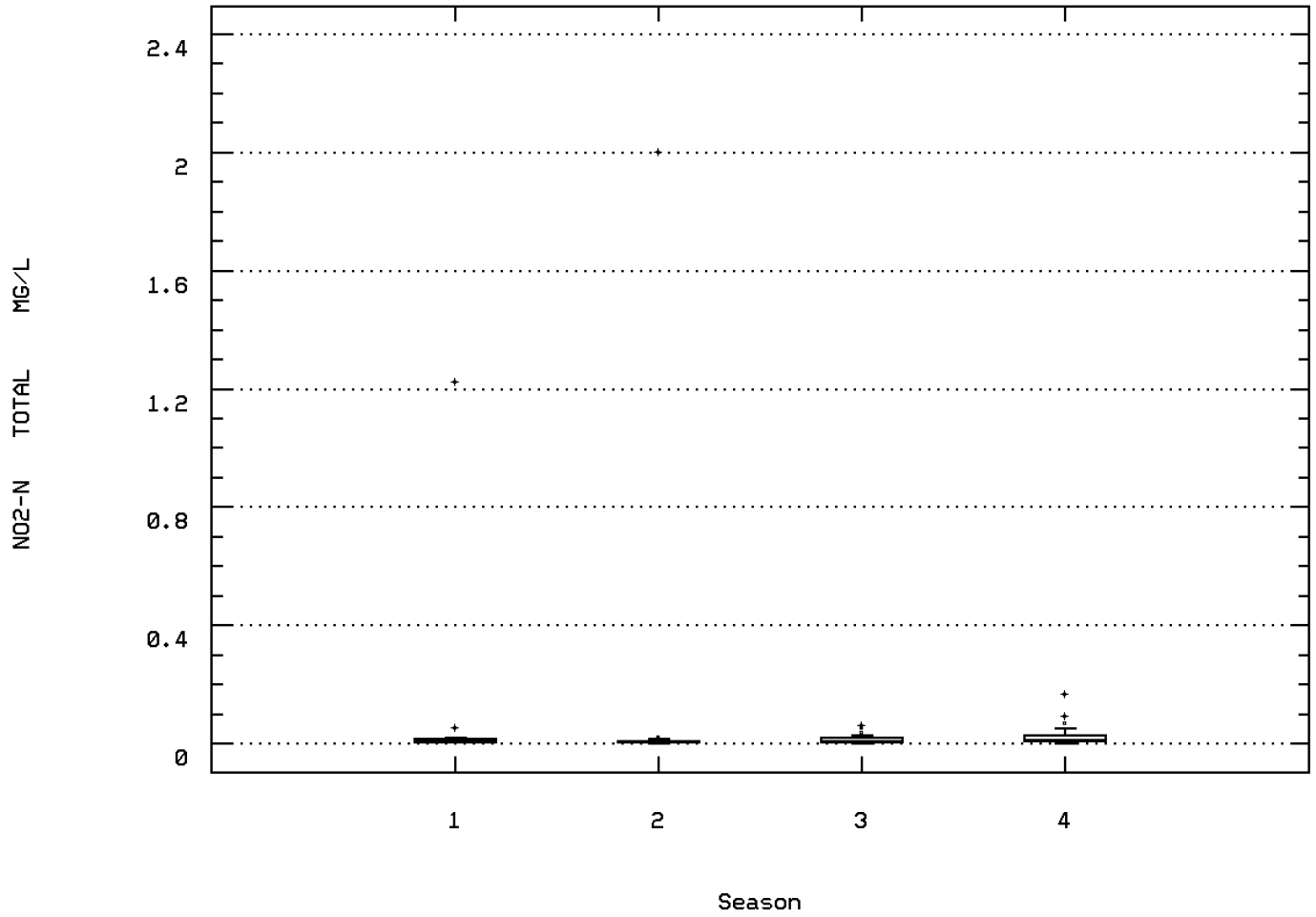
NITROGEN, AMMONIA, TOTAL (MG/L AS N)



HUDSON RIVER

Station: SARA0064 Parameter Code: 00615

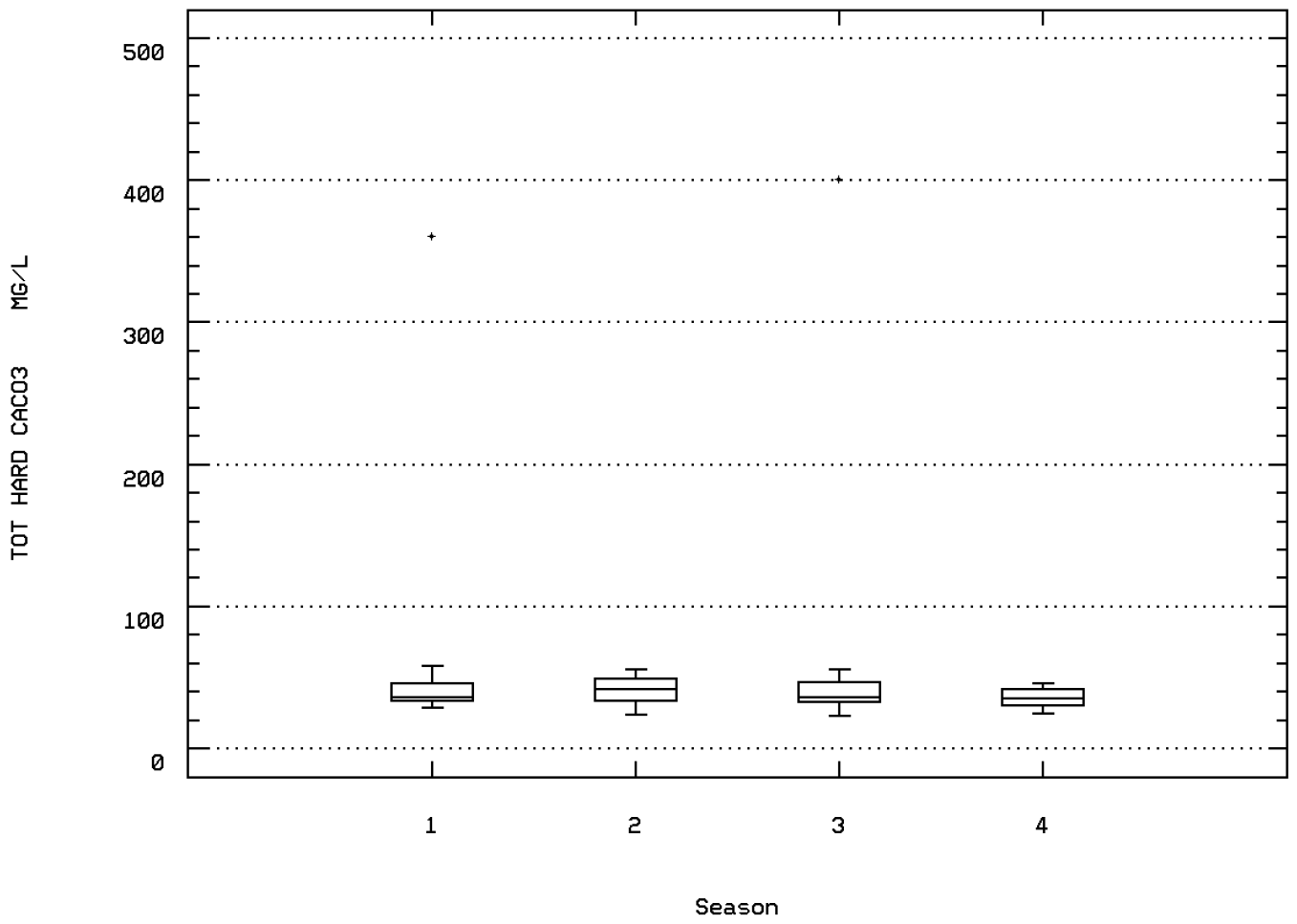
NITRITE NITROGEN, TOTAL (MG/L AS N)



HUDSON RIVER

Station: SARA0064 Parameter Code: 00900

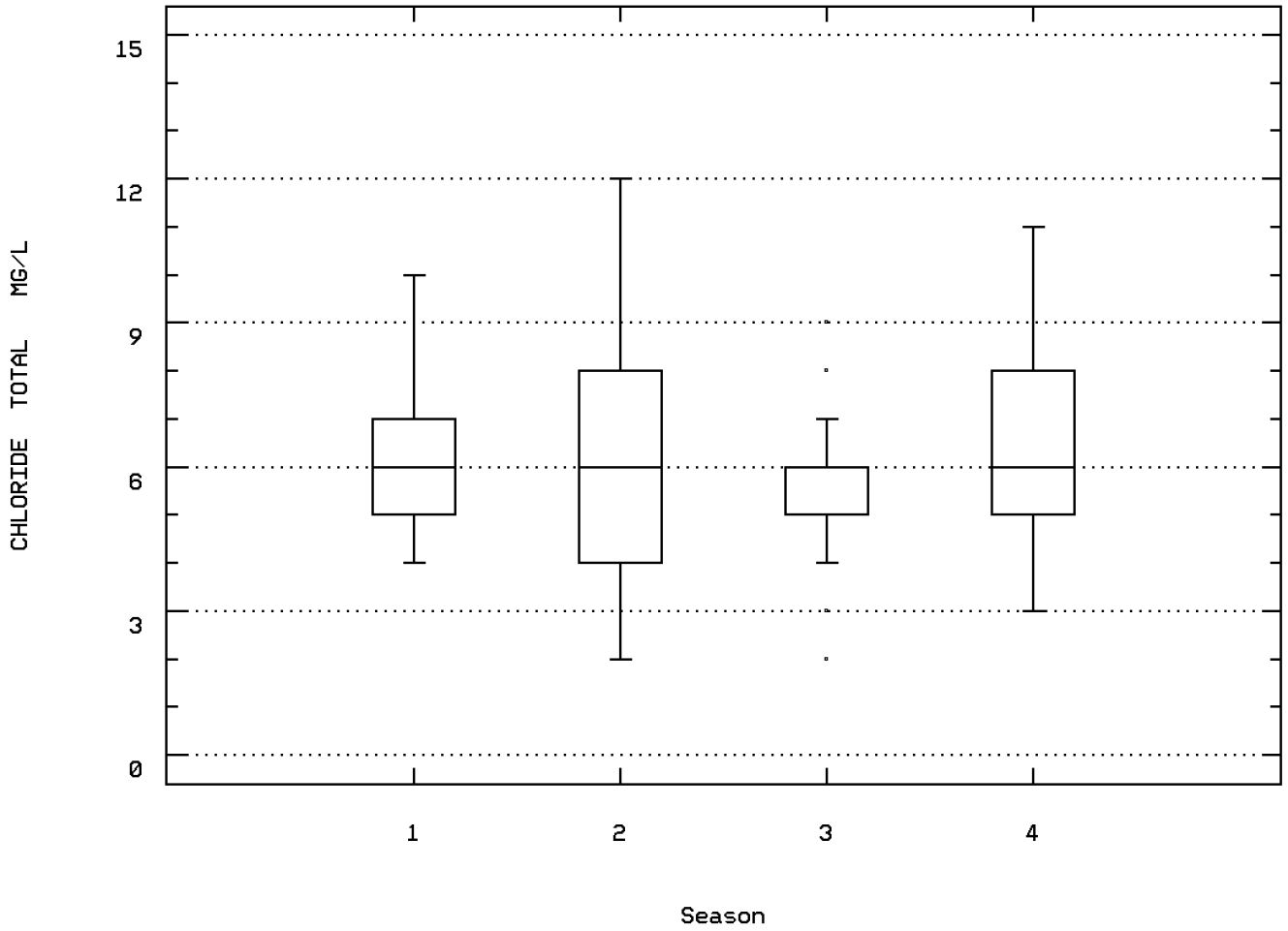
HARDNESS, TOTAL (MG/L AS CACO3)



HUDSON RIVER

Station: SARA0064 Parameter Code: 00940

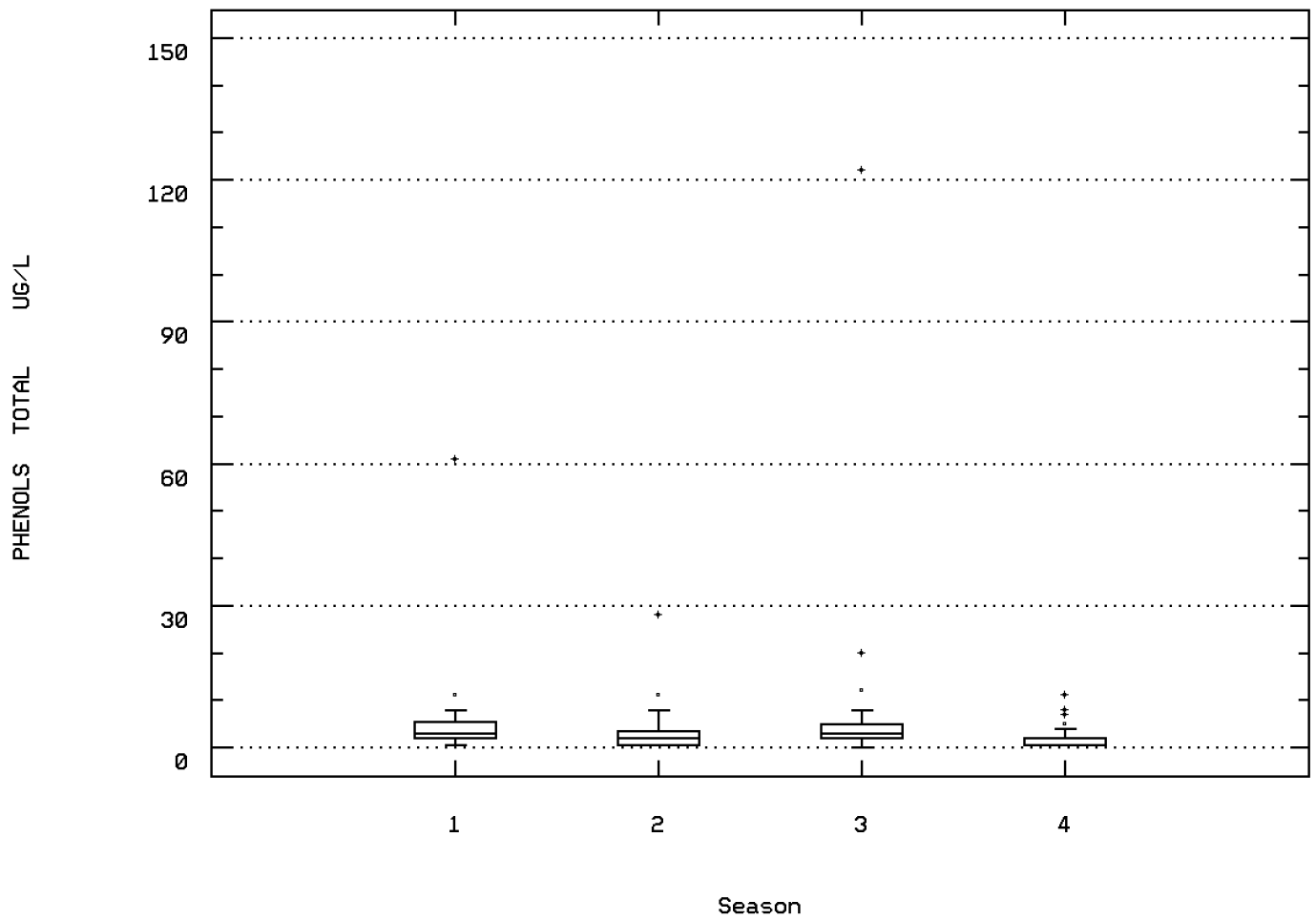
CHLORIDE,TOTAL IN WATER



HUDSON RIVER

Station: SARA0064 Parameter Code: 32730

PHENOLICS, TOTAL, RECOVERABLE (UG/L)



HUDSON RIVER

Station Inventory for Station: SARA0065

NPS Station ID: SARA0065 | LAT/LON: 42.981976/ -73.651365 | Agency: 11NPSWRD | Date Created: 03/23/96
Location: CULVERT ON BILL SMITH ROAD | FIPS State/County: 36091 NEW YORK/SARATOGA
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): SARA_03
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 02020003 | Depth of Water: 0 | Aquifer:
Major Basin: NORTHEAST | Elevation: 265 | Water Body Id:
Minor Basin: MIDDLE HUDSON RIVER | ECO Region:
RF1 Index: 02020003 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 02020003002200.00 | RF3 Mile Point: 3.62 | Distance from RF3: 0.03 | On/Off RF3:
Description:
SITE IS LOCATED ON A TRIBUTARY TO DEVIL'S HOLLOW JUST DOWNSTREAM OF WHERE IT CROSSES BILL SMITH ROAD VIA A CULVERT. DEVIL'S HOLLOW IS A FIRST/SECOND ORDER STREAM LOCATED ON THE RECENTLY PURCHASED PRICE FARM AND DRAINS A SIGNIFICANT AGRICULTURAL AREA ON THE SOUTH WESTERN SECTION OF THE PARK. SITE IS LOCATED ON THE MECHANICVILLE NY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. STATION IS THE RESPONSIBILITY OF SARATOGA NATIONAL HISTORICAL PARK 648 ROUTE 32 STILLWATER NEW YORK 12170. PH.(518)664-9821. FOR MORE INFORMATION CONTACT CHRIS MARTIN - RESOURCE MANAGEMENT AT SARATOGA NATIONAL HISTORICAL PARK. DATA PROCESSED AND UPLOADED TO STORET BY RANDY SIDDENS AT NPS WRD IN FORT COLLINS COLORADO. PHONE (970) 225-3556 FAX (970) 225-9965.

Parameter Inventory for Station: SARA0065

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/21/88-08/17/90	17	20.5	20.235	32.	15.	18.597	4.312	15.	16.75	23.	25.6
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/21/88-08/17/90	17	24.	25.788	39.	18.3	40.42	6.358	19.66	20.3	29.85	38.2
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/21/88-08/17/90	17	360.	398.412	700.	230.	25356.007	159.236	234.	256.5	497.5	660.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/21/88-07/11/89	10	6.9	6.58	8.4	4.5	2.315	1.522	4.52	4.775	7.925	8.36
00403	PH, LAB, STANDARD UNITS SU	06/21/88-07/06/90	15	7.8	7.853	8.2	7.5	0.03	0.173	7.56	7.8	7.9	8.14
00403	CONVERTED PH, LAB, STANDARD UNITS	06/21/88-07/06/90	15	7.8	7.821	8.2	7.5	0.031	0.176	7.56	7.8	7.9	8.14
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/21/88-07/06/90	15	0.016	0.015	0.032	0.006	0.	0.006	0.007	0.013	0.016	0.028
00480	SALINITY - PARTS PER THOUSAND	05/13/87-08/17/90	27	0.	0.02	0.5	0.	0.009	0.096	0.	0.	0.	0.01
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/23/87-07/23/87	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/13/87-09/23/87	9	300.	377.778	800.	30.	93244.444	305.36	30.	95.	735.	800.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/13/87-09/23/87	9	2.477	2.387	2.903	1.477	0.243	0.493	1.477	1.972	2.865	2.903
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			243.92								
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	07/23/87-07/23/87	1 ##	0.025	0.025	0.025	0.025	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: SARA0065

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/20-2/29 Obs	9/20-2/29 Exceed	9/20-2/29 Prop.	3/01-4/30 Obs	3/01-4/30 Exceed	3/01-4/30 Prop.	5/01-6/30 Obs	5/01-6/30 Exceed	5/01-6/30 Prop.	7/01-9/19 Obs	7/01-9/19 Exceed	7/01-9/19 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	10	0	0.00							3	0	0.00	7	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: SARA0065

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/20-2/29 Obs	9/20-2/29 Exceed	9/20-2/29 Prop.	3/01-4/30 Obs	3/01-4/30 Exceed	3/01-4/30 Prop.	5/01-6/30 Obs	5/01-6/30 Exceed	5/01-6/30 Prop.	7/01-9/19 Obs	7/01-9/19 Exceed	7/01-9/19 Prop.
00403	PH, LAB	Other-Hi Lim.	9.	15	0	0.00							6	0	0.00	9	0	0.00
		Other-Lo Lim.	6.5	15	0	0.00							6	0	0.00	9	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00										1	0	0.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	9	6	0.67	1	0	0.00				3	1	0.33	5	5	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: SARA0066

NPS Station ID: SARA0066
LAT/LON: 42.932227/ -73.651948
Agency: 112WRD
Date Created: / /
Location: HOOSIC RIVER NEAR STILLWATER NY
FIPS State/County: 36083 NEW YORK/RENSSELAER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 01335400
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02020003
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02020003006
RF1 Mile Point: 0.010
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02020003028300.00
RF3 Mile Point: 0.00
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: SARA0066

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/09/74-05/19/75	7	6.	8.286	20.	3.	34.238	5.851	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/09/74-05/19/75	7	3.	5.714	17.	2.	32.905	5.736	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/06/73-05/19/75	18	188.	197.333	292.	136.	2163.882	46.518	136.9	166.5	235.5	273.1
00335	COD, .025N K2CR2O7 MG/L	02/06/73-05/19/75	18	8.5	8.722	17.	3.	15.859	3.982	3.9	5.	11.75	14.3
00400	PH (STANDARD UNITS)	02/06/73-08/05/74	13	7.6	7.877	9.6	7.2	0.564	0.751	7.24	7.4	8.3	9.32
00400	CONVERTED PH (STANDARD UNITS)	02/06/73-08/05/74	13	7.6	7.577	9.6	7.2	0.661	0.813	7.24	7.4	8.3	9.32
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/06/73-08/05/74	13	0.025	0.027	0.063	0.	0.	0.019	0.001	0.011	0.041	0.058
00405	CARBON DIOXIDE (MG/L AS CO2)	02/06/73-08/05/74	13	3.	3.254	6.1	0.	4.693	2.166	0.08	1.35	5.35	6.02
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/06/73-05/19/75	18	65.5	67.556	108.	42.	332.85	18.244	42.9	52.5	79.	96.3
00440	BICARBONATE ION (MG/L AS HCO3)	02/06/73-05/19/75	18	80.	82.222	132.	51.	489.83	22.132	52.8	63.5	95.75	117.6
00445	CARBONATE ION (MG/L AS CO3)	02/06/73-08/05/74	13	0.	0.077	1.	0.	0.077	0.277	0.	0.	0.	0.6
00500	RESIDUE, TOTAL (MG/L)	02/06/73-05/19/75	18	136.	140.611	228.	87.	1152.252	33.945	98.7	116.75	164.75	186.6
00510	RESIDUE, TOTAL FIXED (MG/L)	02/06/73-05/19/75	18	100.5	109.167	205.	70.	1038.971	32.233	70.9	86.5	131.25	146.5
00525	RESIDUE, FIXED FILTRABLE (MG/L)	02/06/73-02/06/73	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/06/73-05/19/75	18	11.5	18.944	79.	0.	457.35	21.386	1.8	8.	21.25	70.9
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	04/04/73-05/19/75	17	8.	14.941	68.	0.	422.809	20.562	0.	4.	15.	67.2
00600	NITROGEN, TOTAL (MG/L AS N)	01/21/74-05/19/75	12	0.925	0.992	1.7	0.65	0.106	0.326	0.659	0.813	0.99	1.67
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	02/06/73-05/19/75	18	0.225	0.259	0.76	0.01	0.031	0.177	0.064	0.148	0.348	0.526
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	02/06/73-08/21/73	6	0.035	0.084	0.3	0.005	0.013	0.112	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/21/74-05/19/75	12	0.145	0.155	0.32	0.06	0.008	0.091	0.06	0.073	0.19	0.32
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	02/06/73-08/21/73	6	0.011	0.017	0.052	0.003	0.	0.018	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/21/74-05/19/75	12	0.02	0.023	0.05	0.01	0.	0.014	0.01	0.01	0.038	0.047
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/06/73-08/21/73	6	0.71	0.668	0.8	0.48	0.014	0.119	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/21/74-05/19/75	12	0.445	0.553	1.3	0.17	0.125	0.353	0.176	0.375	0.628	1.27
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/23/73-05/19/75	14	0.4	0.389	0.62	0.16	0.021	0.144	0.18	0.233	0.49	0.59
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/21/74-05/19/75	12	0.465	0.572	1.3	0.19	0.119	0.345	0.196	0.41	0.648	1.27
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/30/73-08/21/73	3	0.7	0.667	0.8	0.5	0.023	0.153	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	02/06/73-04/15/74	9	0.09	0.116	0.34	0.01	0.009	0.097	0.01	0.055	0.15	0.34
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/06/73-05/19/75	18	0.06	0.061	0.13	0.026	0.001	0.03	0.03	0.033	0.075	0.121
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	02/06/73-04/15/74	9	0.03	0.038	0.11	0.004	0.001	0.031	0.004	0.018	0.05	0.11
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/05/74-05/19/75	6	3.45	3.883	7.4	1.7	4.374	2.091	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/06/73-04/15/74	9	80.	84.556	120.	52.	623.028	24.961	52.	60.	110.	120.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	02/06/73-04/15/74	9	16.	15.111	18.	8.	10.111	3.18	8.	13.5	17.5	18.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/06/73-04/15/74	9	23.	23.556	34.	15.	42.528	6.521	15.	17.5	29.5	34.
00916	CALCIUM, TOTAL (MG/L AS CA)	05/13/74-05/19/75	9	26.	23.778	28.	14.	20.194	4.494	14.	21.	27.	28.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/06/73-04/15/74	9	5.6	6.256	9.	3.6	4.658	2.158	3.6	4.	8.5	9.
00927	MAGNESIUM, TOTAL (MG/L AS MG)	05/13/74-05/19/75	9	6.4	6.744	8.9	5.2	1.56	1.249	5.2	5.7	7.85	8.9
00929	SODIUM, TOTAL (MG/L AS NA)	05/13/74-05/19/75	9	6.	6.644	11.	4.5	4.513	2.124	4.5	5.05	8.25	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 time series plot

Parameter Inventory for Station: SARA0066

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00930	SODIUM, DISSOLVED (MG/L AS NA)	02/06/73-04/15/74	9	6.8	7.533	12.	3.9	10.828	3.291	3.9	4.3	10.9	12.
00931	SODIUM ADSORPTION RATIO	02/06/73-04/15/74	9	0.3	0.333	0.5	0.2	0.015	0.122	0.2	0.2	0.45	0.5
00932	SODIUM, PERCENT	02/06/73-04/15/74	9	15.	15.444	20.	13.	6.278	2.506	13.	13.	17.5	20.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/06/73-04/15/74	9	1.2	1.267	2.1	0.8	0.19	0.436	0.8	0.85	1.6	2.1
00937	POTASSIUM, TOTAL MG/L AS K)	05/13/74-05/19/75	9	1.4	1.278	1.8	0.8	0.114	0.338	0.8	0.95	1.5	1.8
00940	CHLORIDE,TOTAL IN WATER MG/L	02/06/73-05/19/75	18	9.	9.944	17.	6.	14.173	3.765	6.	7.	13.25	16.1
00945	SULFATE, TOTAL (MG/L AS SO4)	02/06/73-05/19/75	18	14.	14.278	20.	9.	9.154	3.025	9.9	12.	16.25	19.1
00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/06/73-04/15/74	9	0.2	0.208	0.38	0.1	0.011	0.103	0.1	0.1	0.3	0.38
00951	FLUORIDE, TOTAL (MG/L AS F)	05/13/74-06/10/74	2	0.15	0.15	0.2	0.1	0.005	0.071	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	02/06/73-06/10/74	11	3.1	2.727	4.7	0.1	2.126	1.458	0.12	2.3	3.9	4.54
01002	ARSENIC, TOTAL (UG/L AS AS)	05/30/73-10/28/74	5 ##	0.5	2.5	10.	0.5	17.625	4.198	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	05/30/73-10/28/74	5 ##	0.	8.	30.	0.	170.	13.038	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	05/30/73-05/19/75	13	310.	625.385	2200.	20.	533493.59	730.406	32.	160.	830.	2160.
01051	LEAD, TOTAL (UG/L AS PB)	05/30/73-10/28/74	5	7.	5.4	7.	2.	5.3	2.302	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	05/30/73-05/19/75	14	70.	82.143	180.	30.	1833.516	42.82	35.	50.	120.	160.
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	02/06/73-06/10/74	11	0.02	0.024	0.04	0.01	0.	0.01	0.01	0.02	0.03	0.04
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	02/06/73-04/15/74	9	101.	111.333	161.	72.	1053.25	32.454	72.	79.	141.5	161.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	02/06/73-04/15/74	9	0.14	0.152	0.22	0.1	0.002	0.045	0.1	0.105	0.195	0.22
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/13/74-05/19/75	9	0.03	0.026	0.04	0.01	0.	0.009	0.01	0.02	0.03	0.04
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	02/06/73-08/21/73	6	0.045	0.108	0.39	0.	0.021	0.146	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	02/06/73-08/21/73	6	3.15	2.95	3.5	2.1	0.287	0.536	**	**	**	**
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	02/06/73-08/21/73	6	0.04	0.058	0.17	0.01	0.003	0.057	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	02/06/73-08/21/73	6	45.	50.	80.	30.	320.	17.889	**	**	**	**
71885	IRON (UG/L AS FE)	02/06/73-08/21/73	6	340.	336.667	650.	40.	38986.667	197.45	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/07/75-05/19/75	2	0.15	0.15	0.18	0.12	0.002	0.042	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	01/21/74-05/19/75	12	4.1	4.383	7.5	2.9	1.992	1.412	2.93	3.6	4.5	7.32
71900	MERCURY, TOTAL (UG/L AS HG)	05/30/73-10/28/74	5 ##	0.25	1.51	3.4	0.25	2.977	1.725	**	**	**	**

** - 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 time series plot

EPA Water Quality Criteria Analysis for Station: SARA0066

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/20-2/29 Obs	9/20-2/29 Exceed	9/20-2/29 Prop.	3/01-4/30 Obs	3/01-4/30 Exceed	3/01-4/30 Prop.	5/01-6/30 Obs	5/01-6/30 Exceed	5/01-6/30 Prop.	7/01-9/19 Obs	7/01-9/19 Exceed	7/01-9/19 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	7	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00
00400	PH	Other-Hi Lim.	9.	13	1	0.08	3	0	0.00	2	0	0.00	4	1	0.25	4	0	0.00
		Other-Lo Lim.	6.5	13	0	0.00	3	0	0.00	2	0	0.00	4	0	0.00	4	0	0.00
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	6	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	12	0	0.00	4	0	0.00	2	0	0.00	3	0	0.00	3	0	0.00
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	6	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	12	0	0.00	4	0	0.00	2	0	0.00	3	0	0.00	3	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	12	0	0.00	4	0	0.00	2	0	0.00	3	0	0.00	3	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	3	0	0.00							1	0	0.00	2	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	18	0	0.00	5	0	0.00	3	0	0.00	5	0	0.00	5	0	0.00
		Drinking Water	250.	18	0	0.00	5	0	0.00	3	0	0.00	5	0	0.00	5	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	18	0	0.00	5	0	0.00	3	0	0.00	5	0	0.00	5	0	0.00
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	9	0	0.00	3	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	2	0	0.00							2	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	5	0	0.00	1	0	0.00				2	0	0.00	2	0	0.00
		Drinking Water	50.	5	0	0.00	1	0	0.00				2	0	0.00	2	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	5	1	0.20	1	1	1.00				2	0	0.00	2	0	0.00
		Drinking Water	1300.	5	0	0.00	1	0	0.00				2	0	0.00	2	0	0.00
01051	LEAD, TOTAL	Fresh Acute	82.	5	0	0.00	1	0	0.00				2	0	0.00	2	0	0.00
		Drinking Water	15.	5	0	0.00	1	0	0.00				2	0	0.00	2	0	0.00
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	6	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	6	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	5	2	0.40	1	0	0.00				2	1	0.50	2	1	0.50
		Drinking Water	2.	5	2	0.40	1	0	0.00				2	1	0.50	2	1	0.50

& - 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: SARA0067

NPS Station ID: SARA0067
LAT/LON: 42.935559/ -73.652226
Agency: 112WRD
Date Created: / /
Location: HUDSON RIVER AT STILLWATER NY
FIPS State/County: 36083 NEW YORK/RENSSELAER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 01331095
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02020003
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 02020003
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02020003005700.00
RF3 Mile Point: 0.37
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: SARA0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/25/81-08/26/93	18	22.	16.256	27.1	1.5	86.723	9.312	1.95	3.5	22.	23.41
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/26/93-08/26/93	1	27.5	27.5	27.5	27.5	0.	0.	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	09/11/92-08/26/93	2	761.5	761.5	767.	756.	60.5	7.778	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	09/11/92-09/11/92	1	4310.	4310.	4310.	4310.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/14/77-09/25/92	429	6292.	10751.371	44000.	146.	99001518.267	9949.951	2300.	3425.	16100.	27000.
00065	STAGE, STREAM (FEET)	06/02/82-07/02/86	35	6.85	28.743	85.35	3.9	1292.443	35.951	4.662	6.31	84.47	84.82
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/09/74-05/27/75	12	6.	7.167	20.	3.	21.242	4.609	3.	4.25	9.	16.7
00080	COLOR (PLATINUM-COBALT UNITS)	04/23/69-05/27/75	38	20.	22.974	85.	3.	223.486	14.949	7.9	12.75	27.5	37.3
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/23/69-08/26/93	207	104.	105.671	266.	61.	660.037	25.691	76.	90.	119.	136.2
00300	OXYGEN, DISSOLVED MG/L	09/11/92-08/26/93	2	8.6	8.6	9.2	8.	0.72	0.849	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	04/23/69-05/27/75	79	13.	14.139	38.	2.	36.147	6.012	8.	10.	16.	22.
00400p	PH (STANDARD UNITS)	04/23/69-08/26/93	98	7.1	7.092	7.8	5.9	0.115	0.34	6.7	6.9	7.3	7.6
00400p	CONVERTED PH (STANDARD UNITS)	04/23/69-08/26/93	98	7.1	6.945	7.8	5.9	0.137	0.37	6.7	6.9	7.3	7.6
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/69-08/26/93	98	0.079	0.114	1.259	0.016	0.02	0.141	0.025	0.05	0.126	0.2
00405	CARBON DIOXIDE (MG/L AS CO2)	05/23/72-08/05/74	27	3.8	4.778	11.	1.7	6.249	2.5	2.26	2.9	5.8	8.86
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/23/69-05/27/75	79	24.	25.304	84.	5.	104.522	10.224	17.	21.	27.	32.
00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	09/11/92-08/26/93	2	28.	28.	35.	21.	98.	9.899	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	04/23/69-05/27/75	79	29.	30.873	103.	6.	156.83	12.523	21.	26.	33.	39.
00445	CARBONATE ION (MG/L AS CO3)	04/23/69-08/05/74	69	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00500	RESIDUE, TOTAL (MG/L)	01/20/71-05/27/75	57	73.	79.246	145.	54.	318.653	17.851	62.6	68.	89.5	101.4
00505	RESIDUE, TOTAL VOLATILE (MG/L)	04/23/69-04/14/71	26	11.	14.192	39.	4.	72.962	8.542	5.	8.75	20.	28.3
00510	RESIDUE, TOTAL FIXED (MG/L)	01/20/71-05/27/75	56	51.	55.179	120.	36.	253.895	15.934	40.7	46.	62.25	73.9
00525	RESIDUE, FIXED FILTRABLE (MG/L)	02/17/71-09/12/72	20	4.5	6.25	18.	0.	34.408	5.866	0.	1.	11.5	16.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/20/71-11/13/80	190	8.	21.931	512.	0.	2125.05	46.098	2.	4.	19.25	59.5
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/14/77-11/13/80	133	3.	4.774	62.	0.	45.494	6.745	0.	0.5	6.	10.6
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10/11/72-11/13/80	91	4.	9.758	109.	0.	294.763	17.169	0.	1.	11.	29.4
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	03/30/77-09/27/77	25	0.	1.32	20.	0.	15.643	3.955	0.	0.	1.	1.8
00600	NITROGEN, TOTAL (MG/L AS N)	07/07/71-12/06/78	106	1.1	1.13	2.8	0.41	0.136	0.369	0.747	0.908	1.3	1.6
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/23/69-05/27/75	79	0.3	0.344	1.2	0.05	0.037	0.192	0.15	0.23	0.43	0.6
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	07/07/71-09/05/73	28	0.185	0.272	0.9	0.05	0.044	0.21	0.059	0.133	0.38	0.622
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/02/73-05/27/75	23	0.19	0.204	0.53	0.005	0.019	0.137	0.01	0.13	0.27	0.436
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/07/71-09/05/73	28	0.009	0.019	0.09	0.004	0.001	0.024	0.004	0.005	0.015	0.071
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/02/73-05/27/75	23	0.01	0.012	0.03	0.001	0.	0.009	0.003	0.007	0.02	0.03
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/07/71-09/05/73	28	0.39	0.409	1.1	0.13	0.043	0.207	0.23	0.258	0.448	0.657
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/02/73-05/27/75	23	0.49	0.515	0.99	0.24	0.035	0.188	0.296	0.38	0.59	0.86
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/10/73-12/06/78	93	0.57	0.599	2.3	0.01	0.09	0.3	0.294	0.42	0.72	0.892
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/02/73-12/06/78	90	0.48	0.51	1.6	0.24	0.036	0.189	0.291	0.398	0.56	0.729
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/14/73-09/05/73	5	0.5	0.62	1.1	0.2	0.137	0.37	**	**	**	**

** - Less 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: SARA0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	02/02/72-09/12/72	9	0.07	0.07	0.09	0.06	0.	0.01	0.06	0.06	0.075	0.09
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/11/72-04/15/74	21	0.03	0.031	0.12	0.	0.001	0.033	0.	0.	0.04	0.092
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/15/70-12/06/78	128	0.024	0.039	0.47	0.01	0.002	0.048	0.013	0.02	0.04	0.071
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/26/72-04/15/74	27	0.005	0.008	0.04	0.	0.	0.008	0.001	0.002	0.01	0.014
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/05/74-05/27/75	10	4.85	5.11	7.5	3.6	1.668	1.291	3.63	3.975	6.075	7.44
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/23/69-04/15/74	65	36.	38.862	108.	23.	161.027	12.69	30.	33.	41.	47.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/23/69-04/15/74	65	14.	13.923	31.	9.	15.572	3.946	10.	11.	15.	18.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/23/69-04/15/74	65	11.	11.7	36.	7.	18.237	4.27	9.32	9.9	12.	15.
00916	CALCIUM, TOTAL (MG/L AS CA)	05/13/74-05/27/75	13	13.	13.1	20.	9.3	9.547	3.09	9.58	10.5	15.	18.8
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/23/69-04/15/74	65	2.2	2.337	4.5	1.2	0.389	0.623	1.76	2.	2.6	3.04
00927	MAGNESIUM, TOTAL (MG/L AS MG)	05/13/74-05/27/75	14	2.8	2.886	6.2	1.2	1.334	1.155	1.6	2.	3.225	4.95
00929	SODIUM, TOTAL (MG/L AS NA)	05/13/74-05/27/75	14	3.9	3.729	4.9	2.1	0.688	0.83	2.4	3.	4.5	4.7
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/23/69-04/15/74	65	4.	4.268	9.6	1.7	2.492	1.579	2.72	3.2	4.95	6.5
00931	SODIUM ADSORPTION RATIO	04/23/69-04/15/74	55	0.3	0.304	0.6	0.2	0.011	0.105	0.2	0.2	0.4	0.5
00932	SODIUM, PERCENT	04/23/69-04/15/74	55	18.	19.491	33.	12.	27.588	5.252	14.	16.	22.	29.4
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/23/69-04/15/74	65	0.6	0.629	2.	0.3	0.112	0.335	0.4	0.4	0.7	1.02
00937	POTASSIUM, TOTAL MG/L AS K)	05/13/74-05/27/75	14	0.7	0.671	1.1	0.2	0.051	0.227	0.3	0.5	0.825	1.
00940	CHLORIDE,TOTAL IN WATER MG/L	04/23/69-05/27/75	79	5.	5.443	13.	2.	3.276	1.81	4.	5.	6.	8.
00945	SULFATE, TOTAL (MG/L AS SO4)	04/23/69-05/27/75	79	14.	14.481	33.	8.	15.612	3.951	11.	12.	15.	18.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/23/69-04/15/74	65	0.1	0.113	0.3	0.	0.007	0.083	0.04	0.06	0.11	0.282
00951	FLUORIDE, TOTAL (MG/L AS F)	05/13/74-06/10/74	2	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/23/69-06/10/74	67	4.8	4.687	6.4	1.6	0.71	0.842	3.38	4.3	5.2	5.8
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/27/71-09/12/72	5	7.	7.2	10.	5.	3.7	1.924	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	04/16/73-10/28/74	5 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	04/16/73-04/16/73	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	10/27/71-10/28/74	10 ##	0.	5.	20.	0.	50.	7.071	0.	0.	10.	19.
01045	IRON, TOTAL (UG/L AS FE)	04/16/73-03/23/80	131	420.	1035.802	19000.	140.	3823543.006	1955.388	240.	280.	1000.	2200.
01049	LEAD, DISSOLVED (UG/L AS PB)	04/16/73-04/16/73	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	02/02/72-10/31/79	108	7.	11.389	140.	0.	291.081	17.061	1.	3.	13.75	21.
01055	MANGANESE, TOTAL (UG/L AS MN)	04/23/69-03/23/80	148	40.	48.716	550.	0.	3396.98	58.284	5.	20.	50.	100.
34671	PCB - 1016 TOTWUG/L	12/24/85-12/20/93	150 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
34790	SURFACTANTS, AS CTAS, WATER MG/L	09/11/92-09/11/92	1	7.	7.	7.	7.	0.	0.	**	**	**	**
34795	ANTIMONY, BEDLOAD SED,WET SIEVE DIAM	09/11/92-09/11/92	1	2.	2.	2.	2.	0.	0.	**	**	**	**
34800	ARSENIC, BEDLOAD SED,WET SIEVE DIAM	09/11/92-09/11/92	1	3.1	3.1	3.1	3.1	0.	0.	**	**	**	**
34810	BERYLLIUM,BEDLOAD SED,WET SIEVE DIAM	09/11/92-09/11/92	1	2.	2.	2.	2.	0.	0.	**	**	**	**
34816	BISMUTH,BEDLOAD SED,WET SIEVE DIAM	09/11/92-09/11/92	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34825	CADMIUM,BEDLOAD SED,WET SIEVE DIAM	09/11/92-09/11/92	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
34830	CALCIUM,BEDLOAD SED,WET SIEVE DIAM	09/11/92-09/11/92	1	1.	1.	1.	1.	0.	0.	**	**	**	**
34835	CERIUM,BEDLOAD SED,WET SIEVE DIAM	09/11/92-09/11/92	1	83.	83.	83.	83.	0.	0.	**	**	**	**
34840	COBALT,BEDLOAD SED,WET SIEVE DIAM	09/11/92-09/11/92	1	160.	160.	160.	160.	0.	0.	**	**	**	**
34845	CHROMIUM,BEDLOAD SED,WET SIEVE DIAM	09/11/92-09/11/92	1	17.	17.	17.	17.	0.	0.	**	**	**	**
34850	COPPER,BEDLOAD SED,WET SIEVE DIAM	09/11/92-09/11/92	1	26.	26.	26.	26.	0.	0.	**	**	**	**
34855	EUROPIUM,BEDLOAD SED,WET SIEVE DIAM	09/11/92-09/11/92	1	46.	46.	46.	46.	0.	0.	**	**	**	**
34860	GALLIUM,BEDLOAD SED,WET SIEVE DIAM	09/11/92-09/11/92	1	17.	17.	17.	17.	0.	0.	**	**	**	**
34870	GOLD,BEDLOAD SED,WET SIEVE DIAM	09/11/92-09/11/92	1 ##	4.	4.	4.	4.	0.	0.	**	**	**	**
34875	HOLMIUM,BEDLOAD SED,WET SIEVE DIAM	09/11/92-09/11/92	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34880	IRON,BEDLOAD SED,WET SIEVE DIAM	09/11/92-09/11/92	1	4.	4.	4.	4.	0.	0.	**	**	**	**
34885	LANTHANUM,BEDLOAD SED,WET SIEVE DIAM	09/11/92-09/11/92	1	46.	46.	46.	46.	0.	0.	**	**	**	**
34890	LEAD,BEDLOAD SED,WET SIEVE DIAM	09/11/92-09/11/92	1	59.	59.	59.	59.	0.	0.	**	**	**	**
34895	LITHIUM,BEDLOAD SED,WET SIEVE DIAM	09/11/92-09/11/92	1	40.	40.	40.	40.	0.	0.	**	**	**	**
34900	MAGNESIUM,BEDLOAD SED,WET SIEVE DIAM	09/11/92-09/11/92	1	1.	1.	1.	1.	0.	0.	**	**	**	**
34905	MANGANESE,BEDLOAD SED,WET SIEVE DIAM	09/11/92-09/11/92	1	770.	770.	770.	770.	0.	0.	**	**	**	**
34910	MERCURY,BEDLOAD SED,WET SIEVE DIAM	09/11/92-09/11/92	1	0.31	0.31	0.31	0.31	0.	0.	**	**	**	**
34915	MOLYBDENUM,BEDLOAD SED,WET SIEVE DIAM	09/11/92-09/11/92	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34920	NEODYMIUM,BEDLOAD SED,WET SIEVE DIAM	09/11/92-09/11/92	1	45.	45.	45.	45.	0.	0.	**	**	**	**
34925	NICKEL,BEDLOAD SED,WET SIEVE DIAM	09/11/92-09/11/92	1	30.	30.	30.	30.	0.	0.	**	**	**	**
34930	NIOBIUM,BEDLOAD SED,WET SIEVE DIAM	09/11/92-09/11/92	1	8.	8.	8.	8.	0.	0.	**	**	**	**
34935	PHOSPHORUS,BEDLOAD SED,WET SIEVE DIAM	09/11/92-09/11/92	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34940	POTASSIUM,BEDLOAD SED,WET SIEVE DIAM	09/11/92-09/11/92	1	2.	2.	2.	2.	0.	0.	**	**	**	**
34945	SCANDIUM,BEDLOAD SED,WET SIEVE DIAM	09/11/92-09/11/92	1	11.	11.	11.	11.	0.	0.	**	**	**	**
34950	SELENIUM,BEDLOAD SED,WET SIEVE DIAM	09/11/92-09/11/92	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34955	SILVER,BEDLOAD SED,WET SIEVE DIAM	09/11/92-09/11/92	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
34960	SODIUM,BEDLOAD SED,WET SIEVE DIAM	09/11/92-09/11/92	1	1.	1.	1.	1.	0.	0.	**	**	**	**

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Parameter Inventory for Station: SARA0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34965	STRONTIUM,BEDLOAD SED,WET SIEVE DIAM	09/11/92-09/11/92	1	120.	120.	120.	120.	0.	0.	**	**	**	**
34970	SULFUR,BEDLOAD SED,WET SIEVE DIAM	09/11/92-09/11/92	1	0.13	0.13	0.13	0.13	0.	0.	**	**	**	**
34975	TANTALUM,BEDLOAD SED,WET SIEVE DIAM	09/11/92-09/11/92	1 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
34980	THORIUM,BEDLOAD SED,WET SIEVE DIAM	09/11/92-09/11/92	1	13.	13.	13.	13.	0.	0.	**	**	**	**
34985	TIN,BEDLOAD SED,WET SIEVE DIAM	09/11/92-09/11/92	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
35000	URANIUM,BEDLOAD SED,WET SIEVE DIAM	09/11/92-09/11/92	1	3.7	3.7	3.7	3.7	0.	0.	**	**	**	**
35005	VANADIUM,BEDLOAD SED,WET SIEVE DIAM	09/11/92-09/11/92	1	76.	76.	76.	76.	0.	0.	**	**	**	**
35010	YTTRIUM,BEDLOAD SED,WET SIEVE DIAM	09/11/92-09/11/92	1	29.	29.	29.	29.	0.	0.	**	**	**	**
35015	YTTERBIUM,BEDLOAD SED,WET SIEVE DIAM	09/11/92-09/11/92	1	3.	3.	3.	3.	0.	0.	**	**	**	**
35020	ZINC,BEDLOAD SED,WET SIEVE DIAM	09/11/92-09/11/92	1	190.	190.	190.	190.	0.	0.	**	**	**	**
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/23/69-06/10/74	67	0.04	0.038	0.1	0.01	0.	0.018	0.02	0.03	0.05	0.062
39034	PERTHANE IN WHOLE WATER SAMPLE (UG/L)	09/26/78-06/21/79	22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39250	NAPTHALENES, POLYCHLORINATED (UG/L)	03/14/76-10/31/79	99	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	03/14/76-10/31/79	99	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39331	ALDRIN IN FILT. FRAC. OF WAT. SAMP. (UG/L)	07/05/78-08/13/79	5	0.	0.	0.	0.	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	03/14/76-06/21/79	85	0.	0.	0.01	0.	0.	0.002	0.	0.	0.	0.
39341	GAMMA-BHC(LINDANE),DISSOLVED,UG/L	07/05/78-07/05/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	03/14/76-06/21/79	85	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39352	CHLORDANE(TECH MIX & METABS),DISSOLVED,UG/L	07/05/78-07/05/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	03/14/76-06/21/79	85	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39361	DDD IN FILT. FRAC. OF WATER SMAPLE (UG/L)	07/05/78-07/05/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	03/14/76-06/21/79	85	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39366	DDE IN FILT. FRAC. OF WATER SAMPLE (UG/L)	07/05/78-07/05/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	03/14/76-06/21/79	85	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39371	DDT IN FILT. FRAC. OF WATER SAMPLE (UG/L)	07/05/78-07/05/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	03/14/76-06/21/79	85	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	07/05/78-07/05/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	03/15/77-06/21/79	34	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	03/14/76-06/21/79	85	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39391	ENDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	07/05/78-07/05/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	03/14/76-06/21/79	85	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39401	TOXAPHENE IN FILT. FRAC. OF WATER SAMPLE (UG/L)	07/05/78-07/05/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	03/14/76-06/21/79	85	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39411	HEPTACHLOR IN FILT. FRAC. OF WATER SAMPLE (UG/L)	07/05/78-07/05/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	03/14/76-06/21/79	85	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39421	HEPTACHLOR EPOXIDE IN FILT. FRAC. WAT SAMP (UG/L)	07/05/78-07/05/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	150 ##	0.05	0.052	0.4	0.05	0.001	0.029	0.05	0.05	0.05	0.05
39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	08/15/83-08/15/83	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	150 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	08/15/83-08/15/83	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	150 ##	0.05	0.064	0.5	0.005	0.004	0.061	0.021	0.05	0.05	0.1
39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	08/15/83-08/15/83	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	150 ##	0.05	0.05	0.2	0.01	0.	0.014	0.05	0.05	0.05	0.05
39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	08/15/83-08/15/83	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	144 ##	0.05	0.036	0.2	0.005	0.001	0.025	0.005	0.006	0.05	0.05
39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	08/15/83-08/15/83	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	150 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	08/15/83-08/15/83	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	08/15/83-08/15/83	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39516p	PCBS IN WHOLE WATER SAMPLE (UG/L)	03/14/76-07/25/91	378	0.1	0.27	5.1	0.	0.188	0.434	0.02	0.05	0.3	0.7
39517	PCBS IN FILT. FRAC. OF WATER SAMPLE (UG/L)	07/05/78-08/06/85	23	0.1	0.107	0.5	0.	0.012	0.111	0.	0.05	0.11	0.26
39755	MIREX, TOTAL (UG/L)	03/30/77-04/24/79	64	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39756	MIREX, DISSOLVED (UG/L)	07/05/78-07/05/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/23/69-04/14/71	26	69.5	74.077	153.	50.	501.674	22.398	55.	61.	77.25	103.9
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/23/69-04/15/74	65	58.	61.308	150.	38.	260.623	16.144	50.	54.	65.5	72.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/23/69-04/15/74	65	0.08	0.087	0.21	0.05	0.001	0.024	0.07	0.07	0.09	0.11
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	04/24/77-12/17/87	23	80.	73.609	98.	0.	611.704	24.733	26.8	71.	87.	95.8
70332	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .125MM	03/28/78-03/28/78	1	100.	100.	100.	100.	0.	0.	**	**	**	**
70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	03/28/78-03/28/78	1	43.	43.	43.	43.	0.	0.	**	**	**	**
70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	03/28/78-03/28/78	1	58.	58.	58.	58.	0.	0.	**	**	**	**
70339	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .008MM	03/28/78-03/28/78	1	74.	74.	74.	74.	0.	0.	**	**	**	**
70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	03/28/78-03/28/78	1	88.	88.	88.	88.	0.	0.	**	**	**	**
70341	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .031MM	03/28/78-03/28/78	1	94.	94.	94.	94.	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: SARA0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/13/74-05/27/75	14	0.01	0.011	0.02	0.005	0.	0.005	0.005	0.005	0.013	0.02
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/23/69-09/05/73	56	0.28	0.497	4.4	0.04	0.53	0.728	0.074	0.148	0.568	0.96
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/23/69-09/05/73	56	1.65	1.734	4.9	0.1	0.746	0.864	0.87	1.2	1.975	2.86
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	04/23/69-09/05/73	56	0.03	0.073	0.55	0.	0.011	0.103	0.01	0.02	0.06	0.195
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	10/15/70-09/05/73	38	0.	11.579	50.	0.	289.331	17.01	0.	0.	30.	40.
71885	IRON (UG/L AS FE)	04/23/69-09/05/73	55	150.	154.727	390.	20.	6773.535	82.301	56.	100.	200.	278.
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/23/69-05/27/75	38	0.1	0.129	0.52	0.02	0.011	0.106	0.059	0.06	0.153	0.227
71887	NITROGEN, TOTAL, AS NO3 - MG/L	10/02/73-12/06/78	90	4.65	4.957	13.	1.8	2.737	1.654	3.21	3.975	5.7	6.99
71900	MERCURY, TOTAL (UG/L AS HG)	10/27/71-10/28/74	10 ##	0.25	0.525	3.	0.25	0.756	0.87	0.25	0.25	0.25	2.725
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/30/77-05/26/93	486	7.	20.766	206.	0.	1066.917	32.664	2.	3.	20.	69.
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/30/77-12/18/87	249	108.	1491.34	17200.	0.	9335281.673	3055.369	14.	31.	1305.	5150.
80157	BED MATERIAL FALL DIAMETER, % FINER THAN .004MM	09/11/92-09/11/92	1	9.	9.	9.	9.	0.	0.	**	**	**	**
80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	09/11/92-09/11/92	1	48.	48.	48.	48.	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: SARA0067

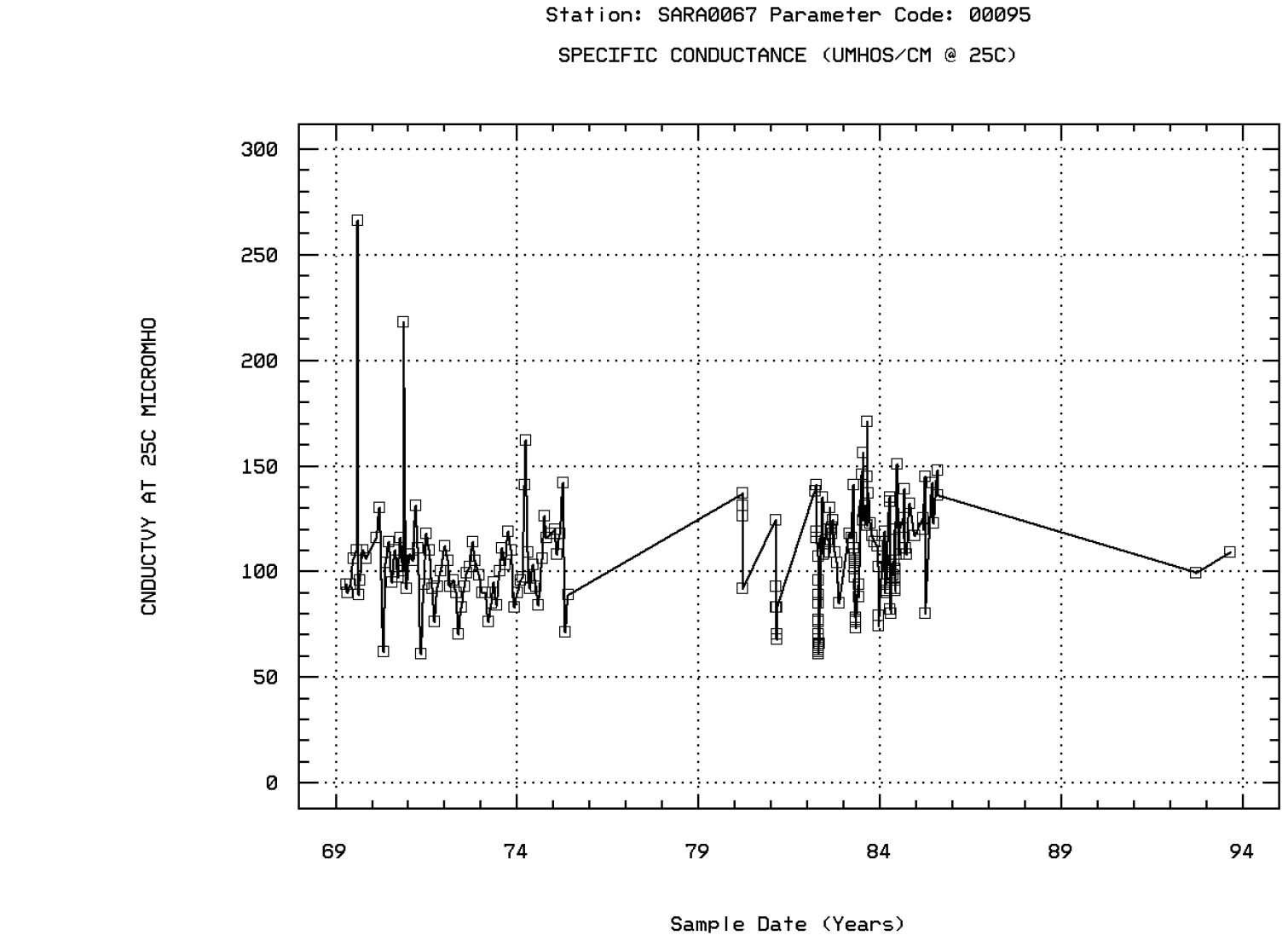
Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/20-2/29 Obs	9/20-2/29 Exceed	9/20-2/29 Prop.	3/01-4/30 Obs	3/01-4/30 Exceed	3/01-4/30 Prop.	5/01-6/30 Obs	5/01-6/30 Exceed	5/01-6/30 Prop.	7/01-9/19 Obs	7/01-9/19 Exceed	7/01-9/19 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	12	0	0.00	5	0	0.00	3	0	0.00	1	0	0.00	3	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00										2	0	0.00
00400	PH	Other-Hi Lim.	9.	98	0	0.00	36	0	0.00	17	0	0.00	16	0	0.00	29	0	0.00
		Other-Lo Lim.	6.5	98	4	0.04	36	3	0.08	17	0	0.00	16	0	0.00	29	1	0.03
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	28	0	0.00	11	0	0.00	4	0	0.00	4	0	0.00	9	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	23	0	0.00	10	0	0.00	7	0	0.00	3	0	0.00	3	0	0.00
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	28	0	0.00	11	0	0.00	4	0	0.00	4	0	0.00	9	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	23	0	0.00	10	0	0.00	7	0	0.00	3	0	0.00	3	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	90	0	0.00	24	0	0.00	32	0	0.00	14	0	0.00	20	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	5	0	0.00							2	0	0.00	3	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	79	0	0.00	31	0	0.00	16	0	0.00	14	0	0.00	18	0	0.00
		Drinking Water	250.	79	0	0.00	31	0	0.00	16	0	0.00	14	0	0.00	18	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	79	0	0.00	31	0	0.00	16	0	0.00	14	0	0.00	18	0	0.00
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	65	0	0.00	26	0	0.00	13	0	0.00	11	0	0.00	15	0	0.00
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	2	0	0.00							2	0	0.00			
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	5	0	0.00	3	0	0.00				1	0	0.00	1	0	0.00
		Drinking Water	50.	5	0	0.00	3	0	0.00				1	0	0.00	1	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	5	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00
		Drinking Water	50.	5	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00				1	0	0.00						
		Drinking Water	1300.	1	0	0.00				1	0	0.00						
01042	COPPER, TOTAL	Fresh Acute	18.	10	1	0.10	4	1	0.25	1	0	0.00	2	0	0.00	3	0	0.00
		Drinking Water	1300.	10	0	0.00	4	0	0.00	1	0	0.00	2	0	0.00	3	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00				1	0	0.00						
		Drinking Water	15.	1	0	0.00				1	0	0.00						
01051	LEAD, TOTAL	Fresh Acute	82.	108	1	0.01	21	0	0.00	36	1	0.03	19	0	0.00	32	0	0.00
		Drinking Water	15.	108	22	0.20	21	8	0.38	36	9	0.25	19	4	0.21	32	1	0.03
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	99	0	0.00	18	0	0.00	35	0	0.00	17	0	0.00	29	0	0.00
39331	ALDRIN IN FILT. FRAC. OF WAT. SAMP.	Fresh Acute	3.	5	0	0.00				2	0	0.00				3	0	0.00
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	85	0	0.00	17	0	0.00	35	0	0.00	16	0	0.00	17	0	0.00
		Drinking Water	0.2	85	0	0.00	17	0	0.00	35	0	0.00	16	0	0.00	17	0	0.00
39341	GAMMA-BHC(LINDANE), DISSOLVED	Fresh Acute	2.	1	0	0.00										1	0	0.00
		Drinking Water	0.2	1	0	0.00										1	0	0.00
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	85	0	0.00	17	0	0.00	35	0	0.00	16	0	0.00	17	0	0.00
		Drinking Water	2.	85	0	0.00	17	0	0.00	35	0	0.00	16	0	0.00	17	0	0.00
39352	CHLORDANE(TECH MIX & METABS), DISSOLVED	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	85	0	0.00	17	0	0.00	35	0	0.00	16	0	0.00	17	0	0.00
39361	DDD IN FILT. FRAC. OF WATER SMAPLE	Fresh Acute	0.6	1	0	0.00										1	0	0.00
39365	DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	85	0	0.00	17	0	0.00	35	0	0.00	16	0	0.00	17	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

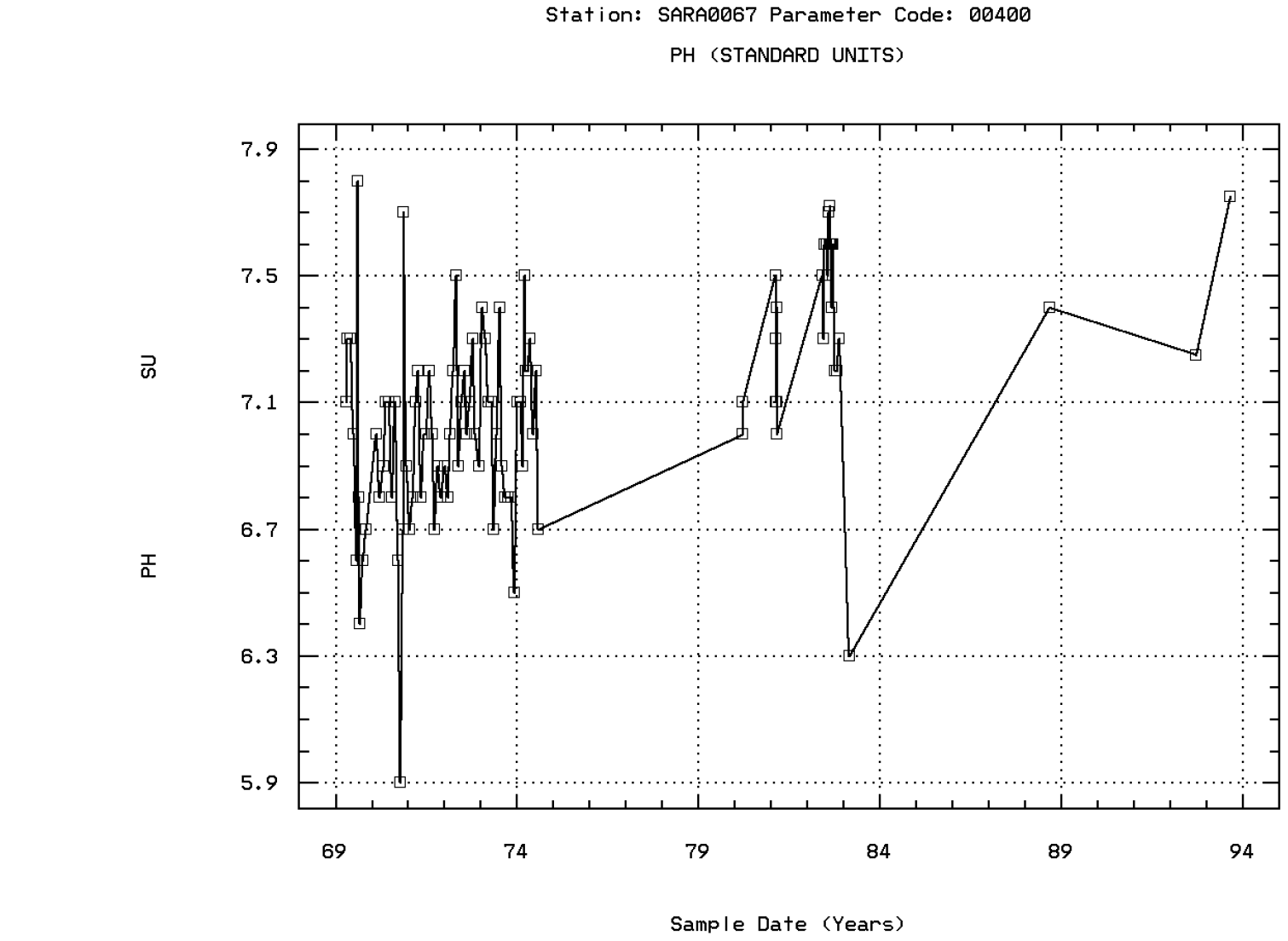
EPA Water Quality Criteria Analysis for Station: SARA0067

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/20-2/29 Obs	9/20-2/29 Exceed	9/20-2/29 Prop.	3/01-4/30 Obs	3/01-4/30 Exceed	3/01-4/30 Prop.	5/01-6/30 Obs	5/01-6/30 Exceed	5/01-6/30 Prop.	7/01-9/19 Obs	7/01-9/19 Exceed	7/01-9/19 Prop.
39366	DDE IN FILT. FRAC. OF WATER SAMPLE	Fresh Acute	1050.	1	0	0.00										1	0	0.00
39370	DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	85	0	0.00	17	0	0.00	35	0	0.00	16	0	0.00	17	0	0.00
39371	DDT IN FILT. FRAC. OF WATER SAMPLE	Fresh Acute	1.1	1	0	0.00										1	0	0.00
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	85	0	0.00	17	0	0.00	35	0	0.00	16	0	0.00	17	0	0.00
39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE	Fresh Acute	2.5	1	0	0.00										1	0	0.00
39388	ENDOSULFAN IN WHOLE WATER SAMPLE	Fresh Acute	0.22	34	0	0.00	7	0	0.00	11	0	0.00	10	0	0.00	6	0	0.00
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	85	0	0.00	17	0	0.00	35	0	0.00	16	0	0.00	17	0	0.00
		Drinking Water	2.	85	0	0.00	17	0	0.00	35	0	0.00	16	0	0.00	17	0	0.00
39391	ENDRIN IN FILT. FRAC. OF 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
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	85	0	0.00	17	0	0.00	35	0	0.00	16	0	0.00	17	0	0.00
		Drinking Water	3.	85	0	0.00	17	0	0.00	35	0	0.00	16	0	0.00	17	0	0.00
39401	TOXAPHENE IN FILT. FRAC. OF WATER SAMPLE	Fresh Acute	0.73	1	0	0.00										1	0	0.00
		Drinking Water	3.	1	0	0.00										1	0	0.00
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	85	0	0.00	17	0	0.00	35	0	0.00	16	0	0.00	17	0	0.00
		Drinking Water	0.4	85	0	0.00	17	0	0.00	35	0	0.00	16	0	0.00	17	0	0.00
39411	HEPTACHLOR IN FILT. FRAC. OF WATER SAMPL	Fresh Acute	0.52	1	0	0.00										1	0	0.00
		Drinking Water	0.4	1	0	0.00										1	0	0.00
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	85	0	0.00	17	0	0.00	35	0	0.00	16	0	0.00	17	0	0.00
		Drinking Water	0.2	85	0	0.00	17	0	0.00	35	0	0.00	16	0	0.00	17	0	0.00
39421	HEPTACHLOR EPOXIDE IN FILT. FRAC. WATER	Fresh Acute	0.52	1	0	0.00										1	0	0.00
		Drinking Water	0.2	1	0	0.00										1	0	0.00
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	56	0	0.00	21	0	0.00	9	0	0.00	11	0	0.00	15	0	0.00
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	56	0	0.00	21	0	0.00	9	0	0.00	11	0	0.00	15	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	10	1	0.10	4	0	0.00	1	0	0.00	2	0	0.00	3	1	0.33
		Drinking Water	2.	10	1	0.10	4	0	0.00	1	0	0.00	2	0	0.00	3	1	0.33

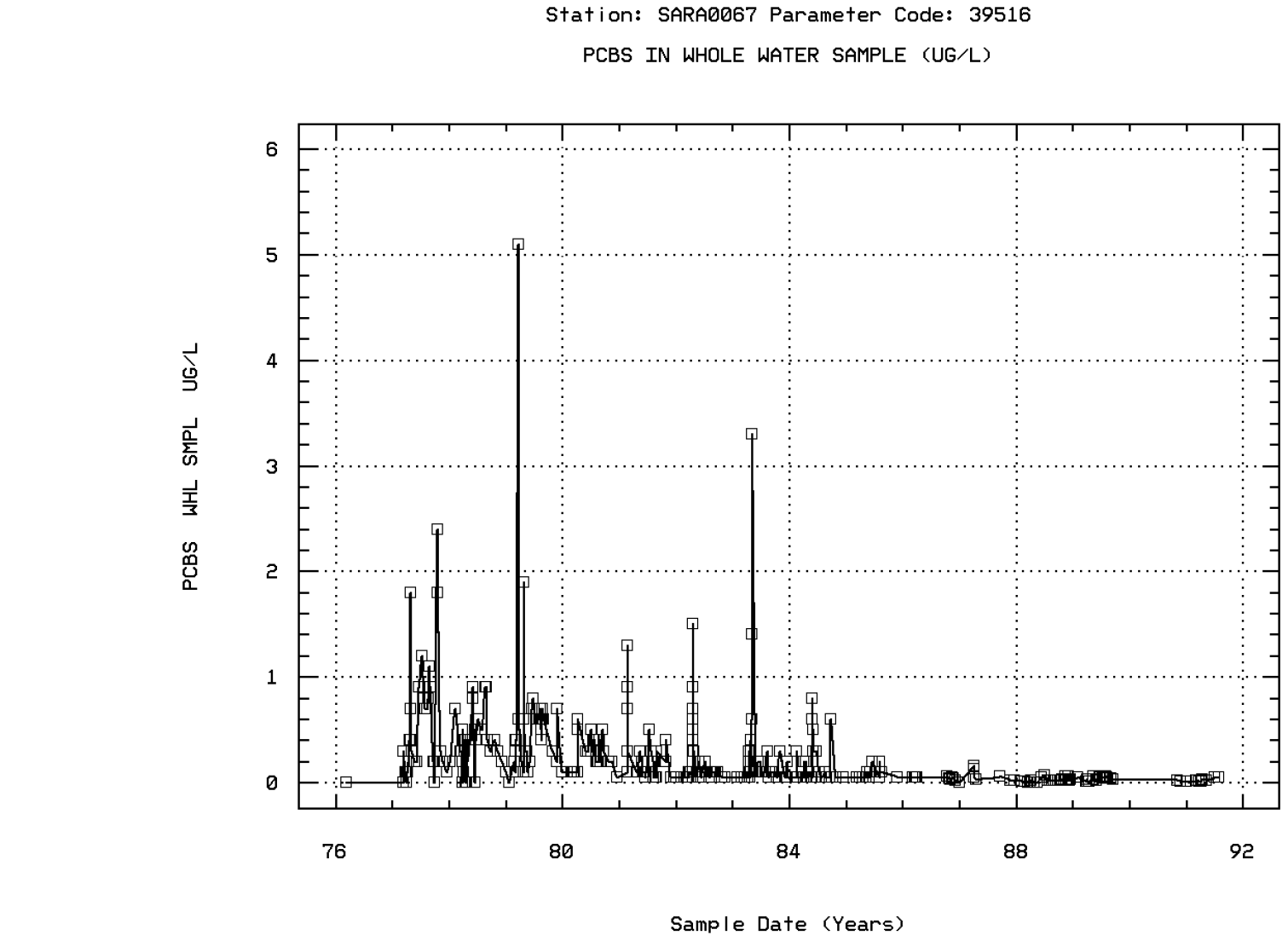
& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



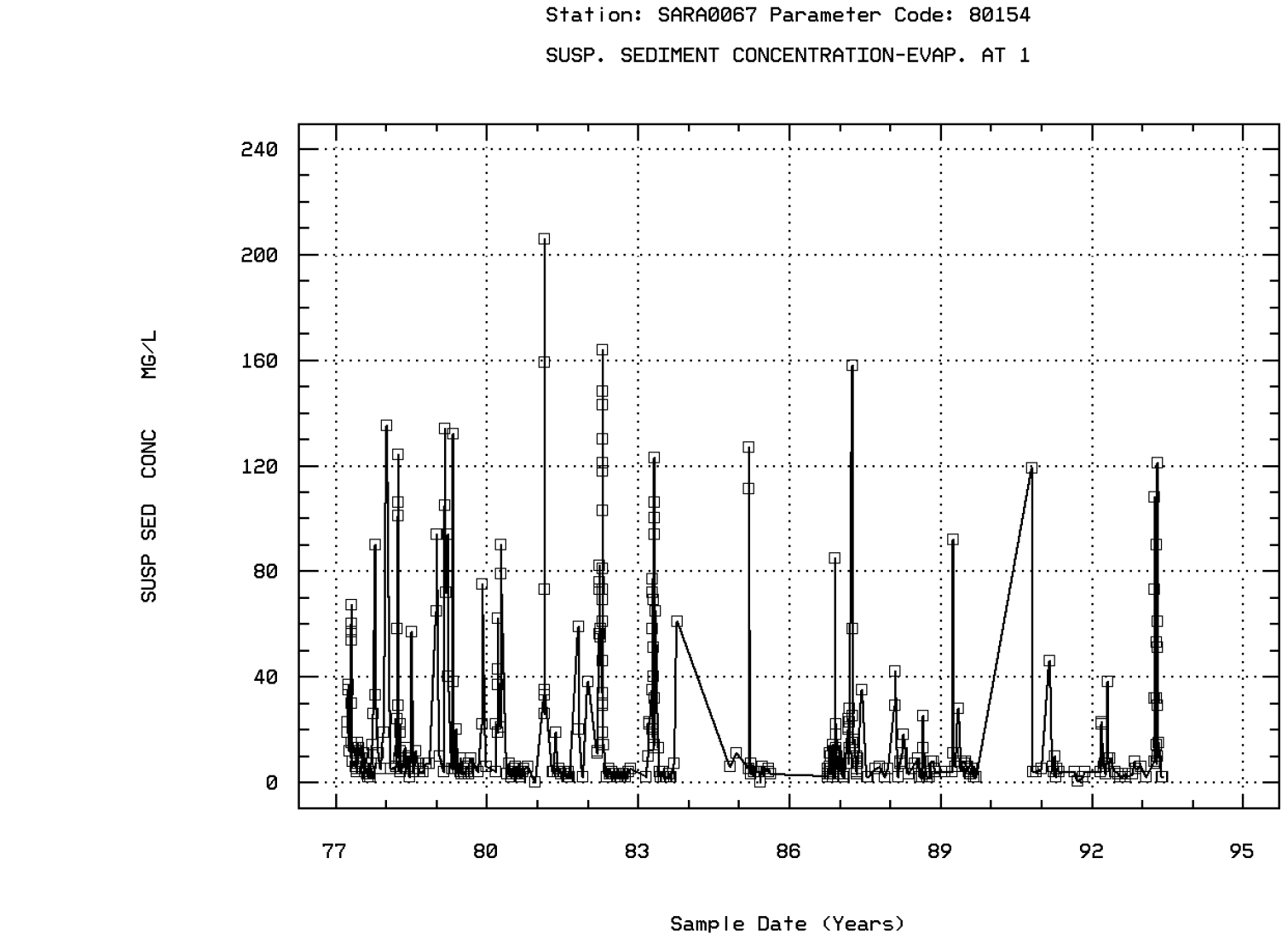
HUDSON RIVER AT STILLWATER NY



HUDSON RIVER AT STILLWATER NY



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HUDSON RIVER AT STILLWATER NY

Annual Analysis for 1969 - Station SARA0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/23/69-08/26/93	10	101.	116.1	266.	89.	2838.322	53.276	89.1	93.	110.	250.4
00335	COD, .025N K2CR2O7 MG/L	04/23/69-05/27/75	10	14.5	13.2	19.	3.	21.067	4.59	3.5	11.	16.	18.7
00400	PH (STANDARD UNITS)	04/23/69-08/26/93	10	6.9	6.96	7.8	6.4	0.18	0.425	6.42	6.6	7.3	7.75
00400	CONVERTED PH (STANDARD UNITS)	04/23/69-08/26/93	10	6.889	6.809	7.8	6.4	0.206	0.454	6.42	6.6	7.3	7.75
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/69-08/26/93	10	0.129	0.155	0.398	0.016	0.014	0.12	0.019	0.05	0.251	0.383
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/23/69-05/27/75	10	21.5	27.3	84.	17.	405.122	20.128	17.1	18.75	25.	78.1
00440	BICARBONATE ION (MG/L AS HCO3)	04/23/69-05/27/75	10	26.	33.3	103.	21.	612.011	24.739	21.1	22.75	30.25	95.8
00445	CARBONATE ION (MG/L AS CO3)	04/23/69-08/05/74	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/23/69-05/27/75	10	0.26	0.23	0.35	0.05	0.011	0.103	0.051	0.158	0.308	0.348
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/23/69-04/15/74	10	34.5	41.7	108.	29.	557.567	23.613	29.1	31.5	39.	101.4
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/23/69-04/15/74	10	14.	14.6	24.	10.	15.378	3.921	10.1	11.75	16.25	23.3
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/23/69-04/15/74	10	10.5	13.15	36.	9.2	65.856	8.115	9.23	9.725	12.25	33.7
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/23/69-04/15/74	10	2.	2.19	4.5	1.5	0.703	0.839	1.52	1.85	2.2	4.27
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/23/69-04/15/74	10	5.45	5.9	9.6	3.2	3.598	1.897	3.27	4.65	7.275	9.39
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/23/69-04/15/74	10	0.4	0.56	1.5	0.3	0.132	0.363	0.3	0.375	0.65	1.43
00940	CHLORIDE,TOTAL IN WATER MG/L	04/23/69-05/27/75	10	5.5	6.3	13.	3.	7.344	2.71	3.2	5.	7.25	12.5
00945	SULFATE, TOTAL (MG/L AS SO4)	04/23/69-05/27/75	10	15.5	17.1	30.	13.	25.878	5.087	13.1	14.	18.	29.1
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/23/69-04/15/74	10	0.1	0.1	0.3	0.	0.009	0.094	0.	0.	0.125	0.29
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/23/69-06/10/74	10	4.3	3.96	5.3	1.6	1.118	1.057	1.76	3.275	4.7	5.24
01055	MANGANESE, TOTAL (UG/L AS MN)	04/23/69-03/23/80	10	0.	5.	40.	0.	161.111	12.693	0.	0.	2.5	37.
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/23/69-06/10/74	10	0.06	0.064	0.1	0.04	0.	0.018	0.041	0.05	0.08	0.098
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/23/69-04/15/74	10	57.5	67.5	150.	52.	864.722	29.406	52.2	54.75	65.25	141.6
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/23/69-04/15/74	10	0.09	0.1	0.21	0.07	0.002	0.04	0.071	0.08	0.103	0.2
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/23/69-09/05/73	10	0.135	0.23	0.7	0.05	0.04	0.2	0.053	0.087	0.358	0.668
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/23/69-09/05/73	10	1.45	1.34	1.9	0.7	0.178	0.422	0.71	0.875	1.65	1.89
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	04/23/69-09/05/73	10	0.02	0.035	0.14	0.02	0.001	0.037	0.02	0.02	0.03	0.129
71885	IRON (UG/L AS FE)	04/23/69-09/05/73	10	165.	157.	290.	20.	6356.667	79.729	24.	90.	212.5	283.

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Annual Analysis for 1970 - Station SARA0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/23/69-08/26/93	12	107.	112.833	218.	62.	1383.061	37.19	71.	95.5	116.	191.6
00335	COD, .025N K2CR2O7 MG/L	04/23/69-05/27/75	12	12.5	13.833	38.	2.	88.333	9.399	3.2	8.5	14.	34.1
00400	PH (STANDARD UNITS)	04/23/69-08/26/93	12	6.9	6.883	7.7	5.9	0.174	0.417	6.11	6.725	7.1	7.52
00400	CONVERTED PH (STANDARD UNITS)	04/23/69-08/26/93	12	6.9	6.658	7.7	5.9	0.23	0.479	6.11	6.725	7.1	7.52
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/69-08/26/93	12	0.126	0.22	1.259	0.02	0.111	0.333	0.038	0.079	0.189	0.957
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/23/69-05/27/75	12	22.	24.25	67.	5.	234.568	15.316	6.8	15.	26.75	55.9
00440	BICARBONATE ION (MG/L AS HCO3)	04/23/69-05/27/75	12	27.	29.667	82.	6.	349.515	18.695	8.4	18.25	32.75	68.2
00445	CARBONATE ION (MG/L AS CO3)	04/23/69-08/05/74	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/23/69-05/27/75	12	0.4	0.423	0.83	0.16	0.042	0.206	0.172	0.245	0.598	0.779
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/15/70-12/06/78	4	0.04	0.068	0.16	0.03	0.004	0.062	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/23/69-04/15/74	12	36.	40.667	91.	24.	286.788	16.935	25.8	33.5	43.	77.8
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/23/69-04/15/74	12	15.	16.333	31.	10.	37.697	6.14	10.	11.	18.	28.9
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/23/69-04/15/74	12	11.	12.608	30.	7.4	33.575	5.794	7.85	10.25	12.75	25.5
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/23/69-04/15/74	12	2.	2.2	3.9	1.2	0.438	0.662	1.38	1.9	2.45	3.57
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/23/69-04/15/74	12	3.95	4.525	9.1	1.7	4.204	2.05	1.85	3.325	5.825	8.32
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/23/69-04/15/74	12	0.5	0.508	0.9	0.3	0.024	0.156	0.33	0.4	0.6	0.81
00940	CHLORIDE,TOTAL IN WATER MG/L	04/23/69-05/27/75	12	5.	6.25	12.	2.	7.295	2.701	2.6	5.	8.5	11.1
00945	SULFATE, TOTAL (MG/L AS SO4)	04/23/69-05/27/75	12	14.5	17.5	33.	12.	38.273	6.186	12.3	14.	18.75	30.9
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/23/69-04/15/74	12	0.1	0.108	0.2	0.1	0.001	0.029	0.1	0.1	0.1	0.17
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/23/69-06/10/74	12	4.35	4.275	5.8	3.	0.782	0.884	3.09	3.375	4.775	5.71
01055	MANGANESE, TOTAL (UG/L AS MN)	04/23/69-03/23/80	8	5.	8.75	30.	0.	126.786	11.26	**	**	**	**
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/23/69-06/10/74	12	0.035	0.035	0.07	0.02	0.	0.015	0.02	0.02	0.04	0.064
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/23/69-04/15/74	12	60.5	65.667	124.	40.	431.697	20.777	44.2	54.5	68.75	110.2
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/23/69-04/15/74	12	0.1	0.103	0.17	0.07	0.001	0.026	0.073	0.09	0.108	0.158

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Annual Analysis for 1970 - Station SARA0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/23/69-09/05/73	12	0.48	1.042	4.4	0.04	1.92	1.386	0.07	0.255	1.08	4.1
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/23/69-09/05/73	12	1.7	1.708	3.3	0.1	1.039	1.019	0.13	1.125	2.675	3.21
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	04/23/69-09/05/73	12	0.06	0.133	0.55	0.	0.03	0.172	0.003	0.03	0.17	0.505
71885	IRON (UG/L AS FE)	04/23/69-09/05/73	12	115.	128.333	270.	50.	4669.697	68.335	53.	72.5	172.5	255.

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Annual Analysis for 1971 - Station SARA0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/23/69-08/26/93	12	102.5	99.917	131.	61.	349.174	18.686	65.5	92.25	110.75	127.1
00335	COD, .025N K2CR2O7 MG/L	04/23/69-05/27/75	12	18.5	19.083	31.	9.	50.083	7.077	9.3	13.25	24.75	30.1
00400	PH (STANDARD UNITS)	04/23/69-08/26/93	12	6.95	6.933	7.2	6.7	0.032	0.178	6.7	6.8	7.075	7.2
00400	CONVERTED PH (STANDARD UNITS)	04/23/69-08/26/93	12	6.947	6.901	7.2	6.7	0.033	0.181	6.7	6.8	7.075	7.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/69-08/26/93	12	0.113	0.126	0.2	0.063	0.002	0.049	0.063	0.085	0.158	0.2
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/23/69-05/27/75	12	24.	24.083	35.	13.	37.174	6.097	13.9	21.25	28.5	33.8
00440	BICARBONATE ION (MG/L AS HCO3)	04/23/69-05/27/75	12	29.	29.333	43.	16.	54.97	7.414	17.2	25.5	34.5	41.5
00445	CARBONATE ION (MG/L AS CO3)	04/23/69-08/05/74	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00500	RESIDUE, TOTAL (MG/L)	01/20/71-05/27/75	12	78.	86.833	133.	67.	429.061	20.714	67.3	69.75	100.5	127.3
00510	RESIDUE, TOTAL FIXED (MG/L)	01/20/71-05/27/75	12	59.5	61.583	113.	36.	422.629	20.558	38.1	47.	68.	104.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/20/71-11/13/80	12	18.5	16.75	29.	0.	94.75	9.734	1.8	6.75	26.75	28.4
00600	NITROGEN, TOTAL (MG/L AS N)	07/07/71-12/06/78	6	0.98	1.055	1.44	0.82	0.053	0.229	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/23/69-05/27/75	12	0.405	0.427	0.6	0.25	0.015	0.121	0.253	0.335	0.543	0.6
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/15/70-12/06/78	12	0.035	0.042	0.09	0.01	0.001	0.025	0.013	0.02	0.065	0.084
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/23/69-04/15/74	12	36.5	37.667	50.	23.	61.152	7.82	24.8	33.25	44.75	48.8
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/23/69-04/15/74	12	12.5	13.583	24.	10.	14.811	3.848	10.	11.	15.	21.6
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/23/69-04/15/74	12	10.5	11.25	15.	7.	5.841	2.417	7.6	10.	13.	15.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/23/69-04/15/74	12	2.35	2.308	3.1	1.3	0.31	0.557	1.39	1.925	2.675	3.1
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/23/69-04/15/74	12	3.7	3.633	4.5	1.8	0.675	0.822	1.98	3.425	4.275	4.47
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/23/69-04/15/74	12	0.6	0.8	2.	0.3	0.267	0.517	0.33	0.525	0.85	1.91
00940	CHLORIDE,TOTAL IN WATER MG/L	04/23/69-05/27/75	12	5.	5.25	7.	2.	1.841	1.357	2.6	5.	6.	7.
00945	SULFATE, TOTAL (MG/L AS SO4)	04/23/69-05/27/75	12	13.5	14.083	19.	10.	8.629	2.937	10.3	11.25	16.75	18.7
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/23/69-04/15/74	12	0.07	0.063	0.1	0.	0.001	0.025	0.012	0.053	0.08	0.094
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/23/69-06/10/74	12	4.8	4.692	5.5	3.7	0.326	0.571	3.82	4.2	5.225	5.47
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/23/69-06/10/74	12	0.04	0.035	0.04	0.01	0.	0.009	0.016	0.03	0.04	0.04
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/23/69-04/15/74	12	60.	59.25	77.	38.	114.023	10.678	40.4	53.5	66.75	74.9
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/23/69-04/15/74	12	0.08	0.081	0.12	0.05	0.	0.019	0.053	0.07	0.09	0.114
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/23/69-09/05/73	12	0.375	0.481	1.1	0.04	0.107	0.327	0.079	0.235	0.79	1.04
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/23/69-09/05/73	12	1.45	1.6	3.4	0.6	0.54	0.735	0.72	1.1	2.025	3.04
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	04/23/69-09/05/73	12	0.04	0.079	0.3	0.02	0.007	0.085	0.02	0.03	0.113	0.264
71885	IRON (UG/L AS FE)	04/23/69-09/05/73	12	145.	161.667	250.	50.	4651.515	68.202	56.	122.5	232.5	250.

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Annual Analysis for 1972 - Station SARA0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/23/69-08/26/93	13	98.	96.923	114.	70.	139.91	11.828	75.2	91.5	105.	113.2
00335	COD, .025N K2CR2O7 MG/L	04/23/69-05/27/75	13	13.	14.077	26.	6.	28.577	5.346	7.6	10.5	17.5	24.
00400	PH (STANDARD UNITS)	04/23/69-08/26/93	13	7.	7.069	7.5	6.8	0.037	0.193	6.84	6.9	7.2	7.42
00400	CONVERTED PH (STANDARD UNITS)	04/23/69-08/26/93	13	7.	7.034	7.5	6.8	0.039	0.197	6.84	6.9	7.2	7.42
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/69-08/26/93	13	0.1	0.093	0.158	0.032	0.001	0.036	0.039	0.063	0.126	0.145
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/23/69-05/27/75	13	25.	24.154	31.	16.	12.641	3.555	18.	22.5	26.	29.4
00440	BICARBONATE ION (MG/L AS HCO3)	04/23/69-05/27/75	13	30.	29.462	38.	19.	19.936	4.465	21.8	27.5	32.	36.
00445	CARBONATE ION (MG/L AS CO3)	04/23/69-08/05/74	13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

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Annual Analysis for 1972 - Station SARA0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00500	RESIDUE, TOTAL (MG/L)	01/20/71-05/27/75	13	76.	76.385	92.	64.	74.756	8.646	65.2	69.	83.	91.2
00510	RESIDUE, TOTAL FIXED (MG/L)	01/20/71-05/27/75	13	50.	50.615	68.	41.	45.423	6.74	42.6	46.	54.	63.2
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/20/71-11/13/80	13	8.	7.923	21.	2.	24.077	4.907	2.4	4.5	10.	17.4
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10/11/72-11/13/80	3	4.	3.333	4.	2.	1.333	1.155	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	07/07/71-12/06/78	10	1.17	1.279	2.16	0.85	0.2	0.448	0.853	0.903	1.61	2.129
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/23/69-05/27/75	13	0.43	0.468	0.77	0.26	0.027	0.165	0.264	0.34	0.6	0.754
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/15/70-12/06/78	13	0.022	0.024	0.034	0.019	0.	0.005	0.019	0.021	0.027	0.034
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/23/69-04/15/74	13	37.	37.	47.	25.	27.333	5.228	27.8	34.	40.	44.6
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/23/69-04/15/74	13	12.	12.769	18.	10.	5.359	2.315	10.4	11.	14.	17.2
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/23/69-04/15/74	13	11.	10.923	14.	7.5	2.369	1.539	8.3	10.	12.	13.2
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/23/69-04/15/74	13	2.3	2.338	3.	1.6	0.126	0.355	1.76	2.15	2.6	2.88
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/23/69-04/15/74	13	4.	3.631	4.6	2.3	0.561	0.749	2.5	2.95	4.25	4.56
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/23/69-04/15/74	13	0.5	0.546	1.2	0.4	0.049	0.222	0.4	0.4	0.6	1.
00940	CHLORIDE,TOTAL IN WATER MG/L	04/23/69-05/27/75	13	5.	5.077	7.	3.	1.244	1.115	3.4	4.	6.	6.6
00945	SULFATE, TOTAL (MG/L AS SO4)	04/23/69-05/27/75	13	14.	13.692	17.	11.	3.231	1.797	11.	12.5	15.	16.6
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/23/69-04/15/74	13	0.06	0.056	0.08	0.03	0.	0.014	0.034	0.045	0.06	0.08
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/23/69-06/10/74	13	5.2	5.362	6.4	4.8	0.269	0.519	4.84	4.95	5.85	6.28
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/23/69-06/10/74	13	0.04	0.038	0.06	0.01	0.	0.015	0.014	0.03	0.05	0.06
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/23/69-04/15/74	13	58.	58.538	69.	43.	43.769	6.616	46.6	56.	63.	67.8
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/23/69-04/15/74	13	0.08	0.079	0.09	0.06	0.	0.009	0.064	0.075	0.085	0.09
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/23/69-09/05/73	13	0.36	0.417	1.16	0.06	0.103	0.321	0.068	0.185	0.64	1.016
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/23/69-09/05/73	13	1.7	1.669	2.8	1.1	0.234	0.484	1.1	1.25	1.95	2.56
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	04/23/69-09/05/73	13	0.02	0.06	0.25	0.01	0.007	0.082	0.01	0.02	0.06	0.242
71885	IRON (UG/L AS FE)	04/23/69-09/05/73	13	120.	143.077	390.	50.	6873.077	82.904	62.	100.	165.	306.

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Annual Analysis for 1973 - Station SARA0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/23/69-08/26/93	12	92.5	95.5	119.	76.	174.455	13.208	78.1	84.25	108.25	116.6
00335	COD, .025N K2CR2O7 MG/L	04/23/69-05/27/75	12	9.	10.	15.	7.	8.	2.828	7.	8.	12.75	14.7
00400	PH (STANDARD UNITS)	04/23/69-08/26/93	12	6.95	6.983	7.4	6.5	0.082	0.286	6.56	6.8	7.25	7.4
00400	CONVERTED PH (STANDARD UNITS)	04/23/69-08/26/93	12	6.947	6.901	7.4	6.5	0.089	0.298	6.56	6.8	7.25	7.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/69-08/26/93	12	0.113	0.125	0.316	0.04	0.006	0.08	0.04	0.057	0.158	0.281
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/23/69-05/27/75	12	23.	23.5	32.	17.	20.818	4.563	17.6	19.5	25.	31.7
00440	BICARBONATE ION (MG/L AS HCO3)	04/23/69-05/27/75	12	28.	28.667	39.	21.	30.788	5.549	21.6	23.75	30.75	38.7
00445	CARBONATE ION (MG/L AS CO3)	04/23/69-08/05/74	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00500	RESIDUE, TOTAL (MG/L)	01/20/71-05/27/75	12	70.	68.417	80.	58.	59.356	7.704	58.	60.75	73.	80.
00510	RESIDUE, TOTAL FIXED (MG/L)	01/20/71-05/27/75	12	47.5	46.917	55.	39.	26.265	5.125	39.3	41.75	50.75	54.4
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/20/71-11/13/80	12	4.	4.233	12.	0.	10.69	3.27	0.24	1.5	6.	10.5
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10/11/72-11/13/80	12	2.	2.75	10.	0.	9.114	3.019	0.	0.	4.5	8.8
00600	NITROGEN, TOTAL (MG/L AS N)	07/07/71-12/06/78	3	1.2	1.083	1.3	0.75	0.086	0.293	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/23/69-05/27/75	12	0.27	0.318	1.2	0.07	0.087	0.295	0.091	0.148	0.358	0.963
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/15/70-12/06/78	12	0.018	0.017	0.031	0.01	0.	0.005	0.011	0.014	0.019	0.027
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/23/69-04/15/74	12	35.5	36.333	44.	31.	20.242	4.499	31.3	32.	40.75	43.4
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/23/69-04/15/74	12	13.	13.083	18.	9.	6.992	2.644	9.3	10.5	15.	17.1
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/23/69-04/15/74	12	10.5	10.75	13.	9.4	1.57	1.253	9.43	9.525	12.	12.7
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/23/69-04/15/74	12	2.35	2.325	3.	1.8	0.148	0.384	1.8	2.025	2.65	2.94
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/23/69-04/15/74	12	3.7	4.108	6.5	2.6	1.728	1.315	2.72	3.125	4.925	6.5
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/23/69-04/15/74	12	0.6	0.583	0.8	0.4	0.02	0.14	0.4	0.425	0.7	0.77
00940	CHLORIDE,TOTAL IN WATER MG/L	04/23/69-05/27/75	12	5.	4.75	7.	3.	1.477	1.215	3.	4.	5.75	6.7
00945	SULFATE, TOTAL (MG/L AS SO4)	04/23/69-05/27/75	12	12.	12.75	18.	9.	6.75	2.598	9.3	11.25	13.75	17.7
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/23/69-04/15/74	12	0.24	0.214	0.3	0.04	0.009	0.095	0.046	0.138	0.3	0.3
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/23/69-06/10/74	12	4.85	4.933	6.2	3.9	0.446	0.668	3.99	4.375	5.425	6.08
01045	IRON, TOTAL (UG/L AS FE)	04/16/73-03/23/80	6	245.	251.667	420.	140.	9376.667	96.833	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	04/23/69-03/23/80	5	40.	31.	50.	5.	330.	18.166	**	**	**	**

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Annual Analysis for 1973 - Station SARA0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/23/69-06/10/74	12	0.03	0.03	0.06	0.01	0.	0.014	0.013	0.02	0.038	0.057
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/23/69-04/15/74	12	57.	56.5	67.	48.	33.727	5.808	48.6	50.75	59.	66.4
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/23/69-04/15/74	12	0.08	0.077	0.09	0.07	0.	0.008	0.07	0.07	0.08	0.09
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/23/69-09/05/73	9	0.18	0.202	0.5	0.06	0.016	0.125	0.06	0.125	0.235	0.5
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/23/69-09/05/73	9	1.9	2.478	4.9	1.	1.554	1.247	1.	1.7	3.35	4.9
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	04/23/69-09/05/73	9	0.03	0.044	0.16	0.	0.002	0.046	0.	0.02	0.05	0.16
71885	IRON (UG/L AS FE)	04/23/69-09/05/73	8	195.	200.	360.	30.	13771.429	117.352	**	**	**	**

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Annual Analysis for 1974 - Station SARA0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/23/69-08/26/93	14	104.5	109.5	162.	84.	472.115	21.728	87.	92.75	120.	151.5
00335	COD, .025N K2CR2O7 MG/L	04/23/69-05/27/75	14	14.	14.5	22.	10.	11.5	3.391	10.5	11.75	16.5	20.
00400	PH (STANDARD UNITS)	04/23/69-08/26/93	10	7.15	7.12	7.5	6.7	0.048	0.22	6.72	6.975	7.225	7.48
00400	CONVERTED PH (STANDARD UNITS)	04/23/69-08/26/93	10	7.147	7.068	7.5	6.7	0.051	0.227	6.72	6.975	7.225	7.48
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/69-08/26/93	10	0.071	0.086	0.2	0.032	0.002	0.048	0.033	0.06	0.106	0.192
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/23/69-05/27/75	14	25.5	27.214	41.	20.	44.489	6.67	20.	21.75	31.25	40.
00440	BICARBONATE ION (MG/L AS HCO3)	04/23/69-05/27/75	14	31.5	33.214	50.	24.	67.412	8.21	24.	26.75	38.25	49.
00445	CARBONATE ION (MG/L AS CO3)	04/23/69-08/05/74	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00500	RESIDUE, TOTAL (MG/L)	01/20/71-05/27/75	14	76.	85.214	145.	66.	521.258	22.831	66.5	68.75	96.5	131.
00510	RESIDUE, TOTAL FIXED (MG/L)	01/20/71-05/27/75	13	54.	61.308	120.	40.	458.397	21.41	40.4	47.5	71.5	103.6
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/20/71-11/13/80	14	8.	13.429	48.	3.	174.264	13.201	3.5	5.	16.25	42.5
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10/11/72-11/13/80	14	7.	10.286	38.	0.	115.604	10.752	1.	3.75	11.25	34.
00600	NITROGEN, TOTAL (MG/L AS N)	07/07/71-12/06/78	14	1.	0.996	1.6	0.66	0.052	0.227	0.685	0.873	1.1	1.35
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/23/69-05/27/75	14	0.25	0.253	0.43	0.14	0.007	0.084	0.145	0.165	0.308	0.39
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/15/70-12/06/78	14	0.02	0.025	0.08	0.01	0.	0.019	0.01	0.018	0.023	0.065
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/23/69-04/15/74	6	37.5	42.	56.	33.	118.4	10.881	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/23/69-04/15/74	6	12.5	12.833	17.	10.	6.167	2.483	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/23/69-04/15/74	6	10.85	11.95	16.	9.5	8.555	2.925	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/23/69-04/15/74	6	2.45	2.933	4.3	2.2	0.919	0.958	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/23/69-04/15/74	6	3.3	4.	6.5	3.1	1.884	1.373	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/23/69-04/15/74	6	0.8	0.917	1.4	0.5	0.158	0.397	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/23/69-05/27/75	14	5.	5.357	8.	4.	1.478	1.216	4.	5.	5.25	8.
00945	SULFATE, TOTAL (MG/L AS SO4)	04/23/69-05/27/75	14	14.	14.	19.	11.	3.385	1.84	11.5	13.	15.	17.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/23/69-04/15/74	6	0.15	0.167	0.3	0.1	0.007	0.082	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/23/69-06/10/74	8	4.85	4.738	5.3	3.4	0.351	0.593	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	04/16/73-03/23/80	14	310.	687.857	2200.	190.	570156.593	755.087	215.	247.5	865.	2150.
01055	MANGANESE, TOTAL (UG/L AS MN)	04/23/69-03/23/80	14	50.	58.571	120.	20.	782.418	27.972	25.	40.	80.	110.
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	04/23/69-06/10/74	8	0.025	0.029	0.07	0.01	0.	0.02	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/23/69-04/15/74	6	56.	62.	83.	51.	191.2	13.828	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/23/69-04/15/74	6	0.075	0.083	0.11	0.07	0.	0.018	**	**	**	**

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Annual Analysis for 1975 - Station SARA0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/23/69-08/26/93	6	113.	108.	142.	71.	626.	25.02	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	04/23/69-05/27/75	6	13.5	14.	17.	12.	3.2	1.789	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/23/69-05/27/75	6	28.5	28.167	40.	17.	66.167	8.134	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	04/23/69-05/27/75	6	34.5	34.333	49.	21.	96.667	9.832	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	01/20/71-05/27/75	6	78.5	78.	98.	54.	417.2	20.425	**	**	**	**
00510	RESIDUE, TOTAL FIXED (MG/L)	01/20/71-05/27/75	6	57.5	55.5	73.	38.	181.9	13.487	**	**	**	**

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Annual Analysis for 1975 - Station SARA0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/20/71-11/13/80	6	13.5	11.333	17.	2.	35.867	5.989	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10/11/72-11/13/80	6	11.	8.667	13.	1.	24.667	4.967	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	07/07/71-12/06/78	6	0.835	0.833	1.	0.69	0.014	0.117	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/23/69-05/27/75	6	0.205	0.202	0.36	0.05	0.011	0.103	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/15/70-12/06/78	6	0.02	0.027	0.05	0.02	0.	0.012	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/23/69-05/27/75	6	5.	5.167	8.	3.	2.967	1.722	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/23/69-05/27/75	6	11.5	11.167	13.	8.	3.767	1.941	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	04/16/73-03/23/80	6	405.	438.333	780.	210.	38856.667	197.121	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	04/23/69-03/23/80	6	40.	43.333	60.	30.	106.667	10.328	**	**	**	**

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Annual Analysis for 1976 - Station SARA0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39516p	PCBS IN WHOLE WATER SAMPLE (UG/L)	03/14/76-07/25/91	1	0.	0.	0.	0.	0.	0.	**	**	**	**

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Annual Analysis for 1977 - Station SARA0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/14/77-09/25/92	52	5320.	10870.385	42600.	1100.	113603693.967	10658.503	2492.	3465.	16500.	28420.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/20/71-11/13/80	35	13.	35.571	512.	0.	7510.899	86.665	2.	5.	31.	71.4
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/14/77-11/13/80	35	2.	5.371	62.	0.	122.476	11.067	0.	0.	6.	14.2
00600	NITROGEN, TOTAL (MG/L AS N)	07/07/71-12/06/78	35	1.1	1.154	2.8	0.59	0.162	0.403	0.752	0.88	1.3	1.64
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/15/70-12/06/78	35	0.04	0.063	0.47	0.02	0.006	0.075	0.026	0.03	0.07	0.098
01045	IRON, TOTAL (UG/L AS FE)	04/16/73-03/23/80	35	630.	1426.571	19000.	240.	10157982.017	3187.159	272.	330.	1100.	2560.
01055	MANGANESE, TOTAL (UG/L AS MN)	04/23/69-03/23/80	35	40.	60.571	550.	20.	8217.311	90.649	20.	30.	50.	86.
39516p	PCBS IN WHOLE WATER SAMPLE (UG/L)	03/14/76-07/25/91	35	0.4	0.614	2.4	0.	0.319	0.565	0.06	0.2	0.9	1.44
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/30/77-05/26/93	50	10.5	17.24	90.	2.	349.451	18.694	4.	7.	19.	52.3
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/30/77-12/18/87	50	128.	806.878	5630.	8.9	2135253.732	1461.251	29.4	70.75	753.5	2714.

** - Less than 9 observations ## - Computed with 50% or 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 SARA0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/14/77-09/25/92	33	8380.	8333.879	17600.	729.	24753331.422	4975.272	1464.	4085.	12800.	15220.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/20/71-11/13/80	32	8.	21.094	130.	0.	1257.83	35.466	1.3	4.	16.5	98.8
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/14/77-11/13/80	32	2.	3.156	11.	0.	12.781	3.575	0.	0.	6.	9.7
00600	NITROGEN, TOTAL (MG/L AS N)	07/07/71-12/06/78	32	1.15	1.19	2.4	0.41	0.149	0.386	0.655	1.	1.4	1.7
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/15/70-12/06/78	32	0.02	0.033	0.15	0.01	0.001	0.037	0.01	0.02	0.03	0.109
01045	IRON, TOTAL (UG/L AS FE)	04/16/73-03/23/80	32	365.	925.	5200.	150.	1722077.419	1312.279	201.	272.5	660.	3530.
01055	MANGANESE, TOTAL (UG/L AS MN)	04/23/69-03/23/80	32	30.	40.781	160.	5.	1148.564	33.89	20.	20.	40.	95.
39516p	PCBS IN WHOLE WATER SAMPLE (UG/L)	03/14/76-07/25/91	31	0.4	0.394	0.9	0.	0.066	0.257	0.	0.2	0.5	0.88
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/30/77-05/26/93	32	9.	25.969	135.	2.	1407.967	37.523	4.	5.	23.5	104.5
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/30/77-12/18/87	32	174.	786.494	4960.	7.9	1980143.336	1407.176	24.8	76.	835.	3956.

** - Less than 9 observations ## - Computed with 50% or 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 SARA0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/14/77-09/25/92	39	6870.	11015.385	39300.	1330.	111815357.085	10574.278	1660.	2740.	16600.	29900.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/20/71-11/13/80	36	11.5	32.139	168.	2.	1882.466	43.387	2.	4.25	55.5	109.1
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/14/77-11/13/80	36	4.	5.139	21.	0.	21.666	4.655	0.	2.	8.	11.6
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10/11/72-11/13/80	26	5.	12.731	70.	0.	367.805	19.178	0.	1.	13.25	52.7
01045	IRON, TOTAL (UG/L AS FE)	04/16/73-03/23/80	34	325.	1103.824	6200.	180.	2325084.938	1524.823	200.	265.	1275.	3950.
01055	MANGANESE, TOTAL (UG/L AS MN)	04/23/69-03/23/80	34	40.	62.353	270.	5.	3574.599	59.788	20.	27.5	82.5	160.
39516p	PCBS IN WHOLE WATER SAMPLE (UG/L)	03/14/76-07/25/91	36	0.5	0.594	5.1	0.	0.708	0.841	0.1	0.2	0.6	0.73
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/30/77-05/26/93	35	6.	28.943	134.	3.	1601.408	40.018	3.6	4.	40.	98.4
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/30/77-12/18/87	35	93.	1764.457	14000.	11.	10994335.726	3315.771	22.4	34.	2780.	6206.

** - Less than 9 observations ## - Computed with 50% or 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 SARA0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/14/77-09/25/92	31	3060.	6254.806	27300.	659.	57548358.828	7586.063	1280.	1470.	4290.	18380.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/23/69-08/26/93	4	128.5	121.5	137.	92.	407.	20.174	**	**	**	**
00400	PH (STANDARD UNITS)	04/23/69-08/26/93	4	7.05	7.05	7.1	7.	0.003	0.058	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/23/69-08/26/93	4	7.047	7.047	7.1	7.	0.003	0.058	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/69-08/26/93	4	0.09	0.09	0.1	0.079	0.	0.012	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/20/71-11/13/80	30	7.5	15.967	120.	0.	614.516	24.789	0.2	2.75	15.5	53.8
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/14/77-11/13/80	30	5.	5.367	21.	0.	19.826	4.453	0.	2.	8.	10.8
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10/11/72-11/13/80	30	2.5	10.6	109.	0.	504.455	22.46	0.	0.	8.25	44.5
01045	IRON, TOTAL (UG/L AS FE)	04/16/73-03/23/80	4	1150.	1215.	1700.	860.	124900.	353.412	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	04/23/69-03/23/80	4	80.	77.5	90.	60.	158.333	12.583	**	**	**	**
39516p	PCBS IN WHOLE WATER SAMPLE (UG/L)	03/14/76-07/25/91	28	0.25	0.273	0.6	0.05	0.023	0.151	0.1	0.125	0.4	0.5
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/30/77-05/26/93	31	4.	14.613	90.	0.	546.912	23.386	2.	3.	19.	58.2
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/30/77-12/18/87	31	23.	683.458	6540.	0.	2624593.861	1620.06	7.3	14.	229.	2838.

** - Less than 9 observations ## - Computed with 50% or 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 SARA0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/14/77-09/25/92	33	3610.	9136.061	31800.	1540.	104066030.871	10201.276	2542.	2920.	13400.	28400.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/23/69-08/26/93	6	83.	86.833	124.	68.	417.367	20.43	**	**	**	**
00400	PH (STANDARD UNITS)	04/23/69-08/26/93	6	7.2	7.233	7.5	7.	0.039	0.197	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/23/69-08/26/93	6	7.189	7.198	7.5	7.	0.04	0.2	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/69-08/26/93	6	0.065	0.063	0.1	0.032	0.001	0.027	**	**	**	**
39516p	PCBS IN WHOLE WATER SAMPLE (UG/L)	03/14/76-07/25/91	33	0.2	0.25	1.3	0.05	0.071	0.267	0.05	0.1	0.3	0.62
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/30/77-05/26/93	29	4.	23.552	206.	1.	2298.756	47.945	1.	2.	23.	73.
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/30/77-12/18/87	29	32.	1654.669	17200.	4.2	15857980.01	3982.208	7.8	16.5	1065.5	6270.

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Annual Analysis for 1982 - Station SARA0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/14/77-09/25/92	45	16000.	15616.	35100.	1020.	158604156.364	12593.814	2208.	3020.	28000.	34340.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/23/69-08/26/93	35	107.	97.571	141.	61.	678.723	26.052	63.	68.	119.	132.
00400	PH (STANDARD UNITS)	04/23/69-08/26/93	15	7.6	7.495	7.72	7.2	0.03	0.173	7.2	7.3	7.6	7.708
00400	CONVERTED PH (STANDARD UNITS)	04/23/69-08/26/93	15	7.6	7.461	7.72	7.2	0.031	0.176	7.2	7.3	7.6	7.708
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/69-08/26/93	15	0.025	0.035	0.063	0.019	0.	0.015	0.02	0.025	0.05	0.063

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Annual Analysis for 1982 - Station SARA0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39516p	PCBS IN WHOLE WATER SAMPLE (UG/L)	03/14/76-07/25/91	44	0.1	0.228	1.5	0.05	0.075	0.275	0.05	0.063	0.3	0.55
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/30/77-05/26/93	43	29.	44.07	164.	2.	2309.162	48.054	2.	3.	73.	126.4
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/30/77-12/18/87	41	1740.	3418.568	14000.	8.3	19352640.046	4399.164	12.4	24.5	5680.	11960.

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Annual Analysis for 1983 - Station SARA0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/14/77-09/25/92	49	15800.	16204.571	44000.	964.	151371305.667	12303.305	2850.	4115.	24700.	34200.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/23/69-08/26/93	38	105.5	108.342	171.	73.	613.258	24.764	76.9	85.75	123.25	145.1
00400	PH (STANDARD UNITS)	04/23/69-08/26/93	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/23/69-08/26/93	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/69-08/26/93	1	0.501	0.501	0.501	0.501	0.	0.	**	**	**	**
39516p	PCBS IN WHOLE WATER SAMPLE (UG/L)	03/14/76-07/25/91	50	0.1	0.24	3.3	0.05	0.253	0.503	0.05	0.05	0.2	0.39
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/30/77-05/26/93	42	17.5	33.786	123.	1.	1276.221	35.724	2.	2.	66.	94.

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Annual Analysis for 1984 - Station SARA0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/14/77-09/25/92	31	16200.	15300.839	36600.	146.	101393663.14	10069.442	3920.	5440.	21800.	32120.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/23/69-08/26/93	33	103.	107.273	151.	80.	318.892	17.858	85.2	93.	119.5	134.2
39516p	PCBS IN WHOLE WATER SAMPLE (UG/L)	03/14/76-07/25/91	32	## 0.05	0.166	0.8	0.05	0.039	0.197	0.05	0.05	0.2	0.57
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/30/77-05/26/93	2	8.5	8.5	11.	6.	12.5	3.536	**	**	**	**
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/30/77-12/18/87	2	116.5	116.5	162.	71.	4140.5	64.347	**	**	**	**

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Annual Analysis for 1985 - Station SARA0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/14/77-09/25/92	17	3660.	5550.	15100.	1440.	17557562.5	4190.175	2128.	2680.	7830.	15020.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/23/69-08/26/93	10	130.5	128.6	148.	80.	394.711	19.867	84.	122.25	142.75	147.7
34671	PCB - 1016 TOTWUG/L	12/24/85-12/20/93	1	## 0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	1	## 0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	1	## 0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	1	## 0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	1	## 0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	1	## 0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	1	## 0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39516p	PCBS IN WHOLE WATER SAMPLE (UG/L)	03/14/76-07/25/91	17	## 0.05	0.082	0.2	0.05	0.002	0.05	0.05	0.05	0.1	0.2
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/30/77-05/26/93	15	4.	19.2	127.	0.	1653.886	40.668	0.6	3.	6.	117.4
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/30/77-12/18/87	14	39.5	735.857	5180.	12.	3042742.286	1744.346	12.5	30.25	114.75	4840.

** - Less than 9 observations ## - Computed with 50% or 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 SARA0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/14/77-09/25/92	11	6130.	6688.545	12600.	4640.	5002321.673	2236.587	4692.	4928.	7118.	11672.
34671	PCB - 1016 TOTWUG/L	12/24/85-12/20/93	22 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	22 ##	0.05	0.066	0.4	0.05	0.006	0.075	0.05	0.05	0.05	0.05
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	22 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	22 ##	0.05	0.045	0.06	0.005	0.	0.012	0.023	0.048	0.05	0.05
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	22 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	16 ##	0.05	0.047	0.05	0.005	0.	0.011	0.037	0.05	0.05	0.05
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	22 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39516p	PCBS IN WHOLE WATER SAMPLE (UG/L)	03/14/76-07/25/91	11	0.05	0.04	0.06	0.	0.	0.017	0.004	0.03	0.05	0.058
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/30/77-05/26/93	57	5.	7.737	85.	1.	126.733	11.258	1.8	3.	9.	12.2
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/30/77-12/18/87	7	159.	204.714	444.	83.	15392.905	124.068	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 SARA0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/14/77-09/25/92	10	10307.	15369.7	35128.	6292.	115142612.011	10730.453	6324.8	7122.5	25414.25	34640.9
34671	PCB - 1016 TOTWUG/L	12/24/85-12/20/93	8 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	8 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	8 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	8	0.05	0.063	0.1	0.02	0.001	0.032	**	**	**	**
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	8 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	8	0.04	0.033	0.05	0.01	0.	0.02	**	**	**	**
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	8 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39516p	PCBS IN WHOLE WATER SAMPLE (UG/L)	03/14/76-07/25/91	8	0.05	0.065	0.16	0.02	0.003	0.052	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/30/77-05/26/93	44	7.	14.341	158.	2.	617.486	24.849	2.	2.25	19.	26.5
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/30/77-12/18/87	8	609.5	2846.75	14986.	39.	26504802.786	5148.282	**	**	**	**

** - 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 box-and-whisker plot

Annual Analysis for 1988 - Station SARA0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/14/77-09/25/92	20	4965.	6146.	14900.	2050.	13598962.105	3687.677	2094.	3065.	9322.5	10900.
00400	PH (STANDARD UNITS)	04/23/69-08/26/93	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/23/69-08/26/93	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/69-08/26/93	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
34671	PCB - 1016 TOTWUG/L	12/24/85-12/20/93	23 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	23 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	23 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	23 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	23 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	23 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	23 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39516p	PCBS IN WHOLE WATER SAMPLE (UG/L)	03/14/76-07/25/91	23	0.02	0.024	0.07	0.005	0.	0.018	0.005	0.01	0.03	0.06
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/30/77-05/26/93	25	5.	8.72	42.	1.	100.877	10.044	1.	2.	10.	26.6

** - 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 1989 - Station SARA0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/14/77-09/25/92	19	5390.	7528.421	21300.	2850.	34953269.591	5912.129	3070.	3610.	8110.	19900.
34671	PCB - 1016 TOTWUG/L	12/24/85-12/20/93	19 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	19 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	19 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	19 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	19 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	19 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	19 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39516p	PCBS IN WHOLE WATER SAMPLE (UG/L)	03/14/76-07/25/91	19	0.04	0.039	0.06	0.01	0.	0.017	0.01	0.03	0.05	0.06
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/30/77-05/26/93	19	6.	12.158	92.	2.	430.251	20.743	2.	4.	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 box-and-whisker plot

Annual Analysis for 1990 - Station SARA0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/14/77-09/25/92	3	11300.	13600.	18700.	10800.	19570000.	4423.799	**	**	**	**
34671	PCB - 1016 TOTWUG/L	12/24/85-12/20/93	16 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	16 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	16 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	16 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	16 ##	0.05	0.058	0.2	0.02	0.002	0.039	0.041	0.05	0.05	0.095
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	16 ##	0.05	0.057	0.2	0.005	0.002	0.04	0.037	0.05	0.05	0.095
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	16 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39516p	PCBS IN WHOLE WATER SAMPLE (UG/L)	03/14/76-07/25/91	2	0.015	0.015	0.02	0.01	0.	0.007	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/30/77-05/26/93	3	4.	42.333	119.	4.	4408.333	66.395	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 SARA0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/14/77-09/25/92	16	5920.	6990.	15500.	1860.	21300466.667	4615.243	2196.	2945.	10167.5	14380.
34671	PCB - 1016 TOTWUG/L	12/24/85-12/20/93	16 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	16 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	16 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	16 ##	0.05	0.072	0.5	0.01	0.013	0.115	0.01	0.05	0.05	0.185
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	16 ##	0.05	0.042	0.05	0.01	0.	0.014	0.017	0.031	0.05	0.05
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	16 ##	0.05	0.038	0.05	0.005	0.	0.019	0.005	0.018	0.05	0.05
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	16 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39516p	PCBS IN WHOLE WATER SAMPLE (UG/L)	03/14/76-07/25/91	8	0.02	0.025	0.05	0.01	0.	0.017	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/30/77-05/26/93	16	4.	6.031	46.	0.5	119.749	10.943	0.85	1.	5.	20.8

** - 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 1992 - Station SARA0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/14/77-09/25/92	20	3885.	6789.	18100.	2890.	24612977.895	4961.147	3525.	3635.	8907.5	17670.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/23/69-08/26/93	1	99.	99.	99.	99.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	04/23/69-08/26/93	1	7.25	7.25	7.25	7.25	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/23/69-08/26/93	1	7.25	7.25	7.25	7.25	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/69-08/26/93	1	0.056	0.056	0.056	0.056	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 SARA0067

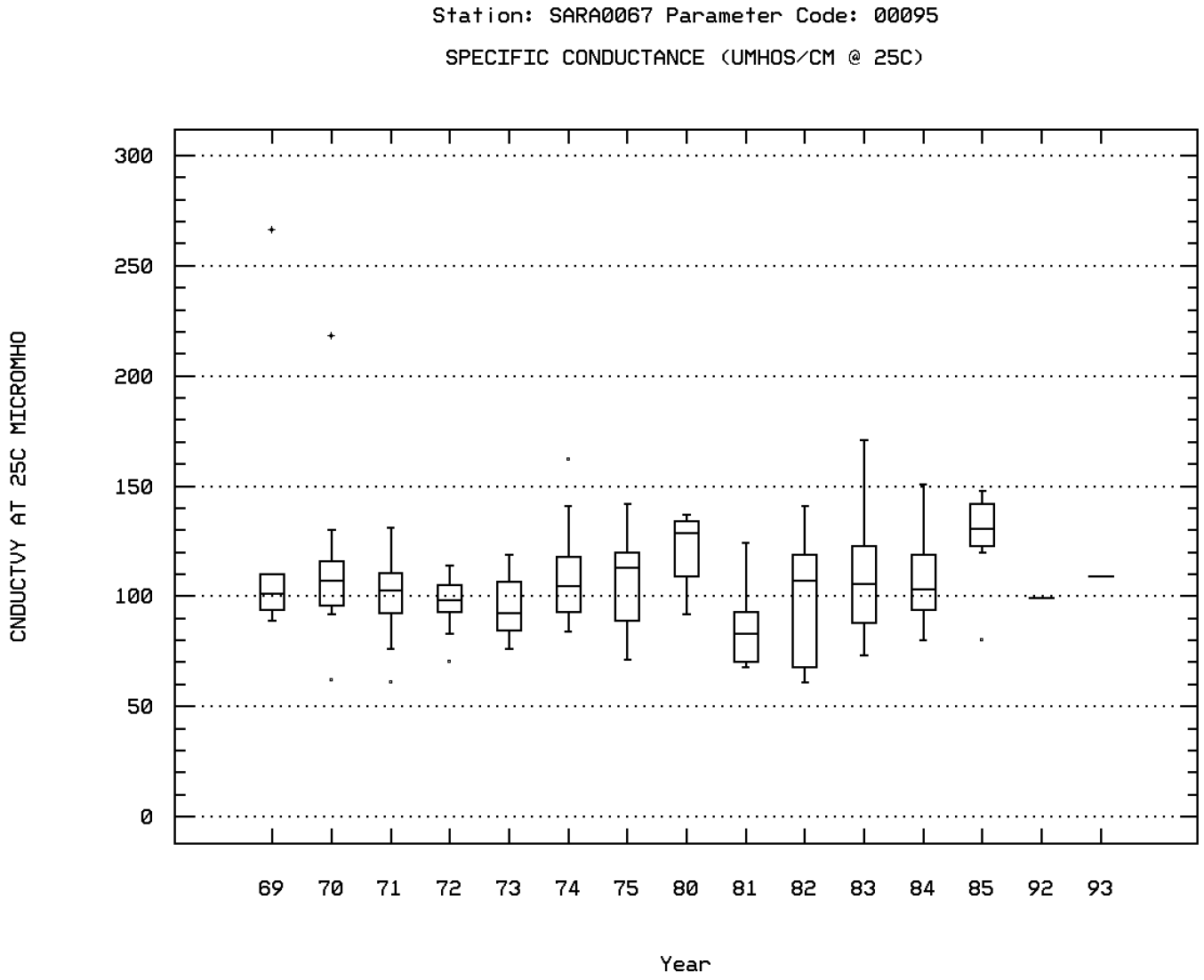
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34671	PCB - 1016 TOTWUG/L	12/24/85-12/20/93	24 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	24 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	24 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	24	0.08	0.074	0.19	0.01	0.003	0.058	0.01	0.015	0.1	0.175
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	24 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	24 ##	0.005	0.007	0.025	0.005	0.	0.004	0.005	0.005	0.005	0.01
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	24 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/30/77-05/26/93	24	4.	7.042	38.	1.	76.911	8.77	1.	2.	7.75	22.5

** - 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 1993 - Station SARA0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/23/69-08/26/93	1	109.	109.	109.	109.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	04/23/69-08/26/93	1	7.75	7.75	7.75	7.75	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/23/69-08/26/93	1	7.75	7.75	7.75	7.75	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/69-08/26/93	1	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
34671	PCB - 1016 TOTWUG/L	12/24/85-12/20/93	21 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	21 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	21 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	21	0.07	0.104	0.41	0.01	0.011	0.104	0.012	0.04	0.12	0.304
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	21 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	21 ##	0.005	0.016	0.09	0.005	0.	0.022	0.005	0.005	0.018	0.05
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	21 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/30/77-05/26/93	19	29.	37.789	121.	2.	1407.287	37.514	2.	8.	61.	108.

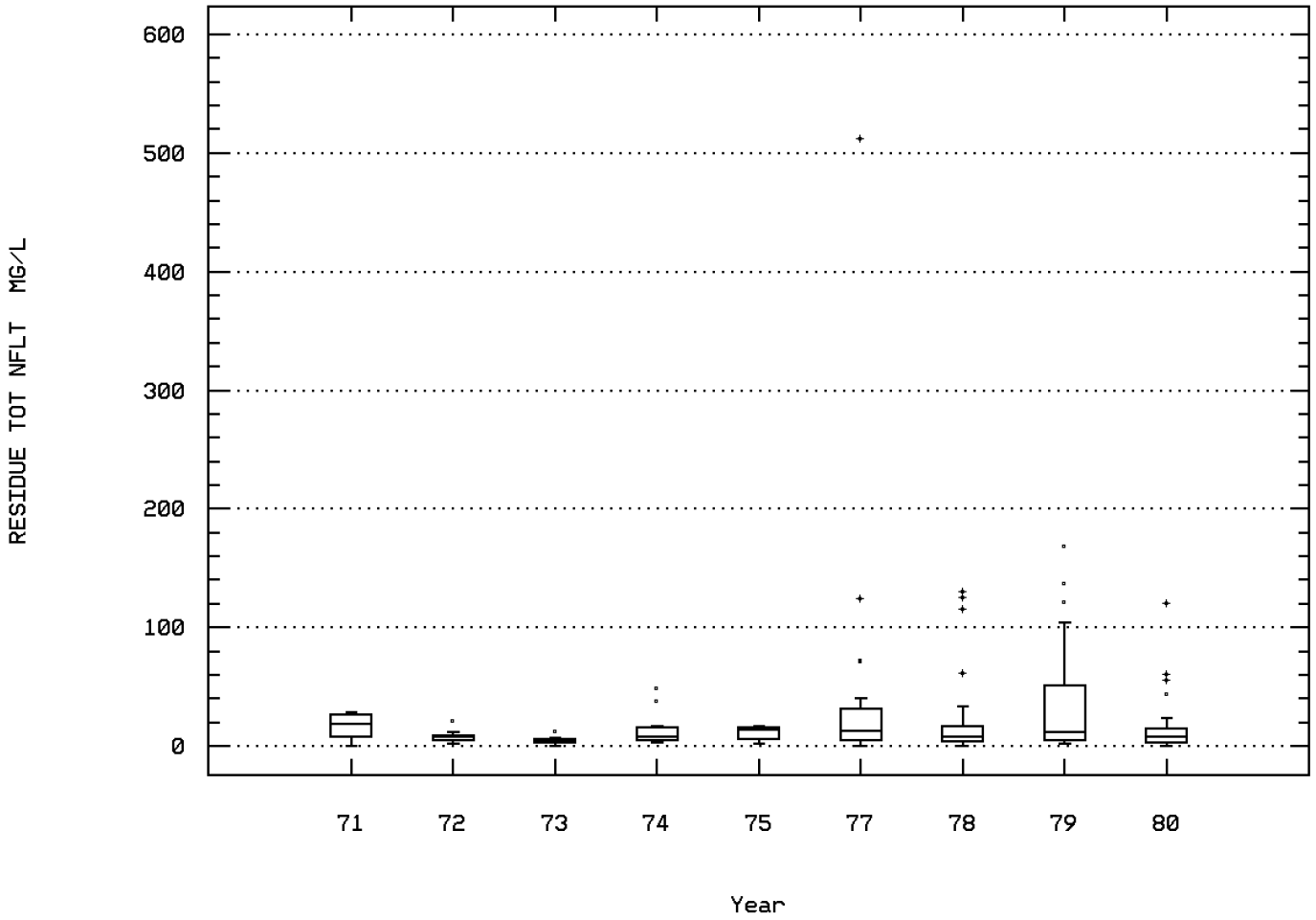
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot



HUDSON RIVER AT STILLWATER NY

Station: SARA0067 Parameter Code: 00530

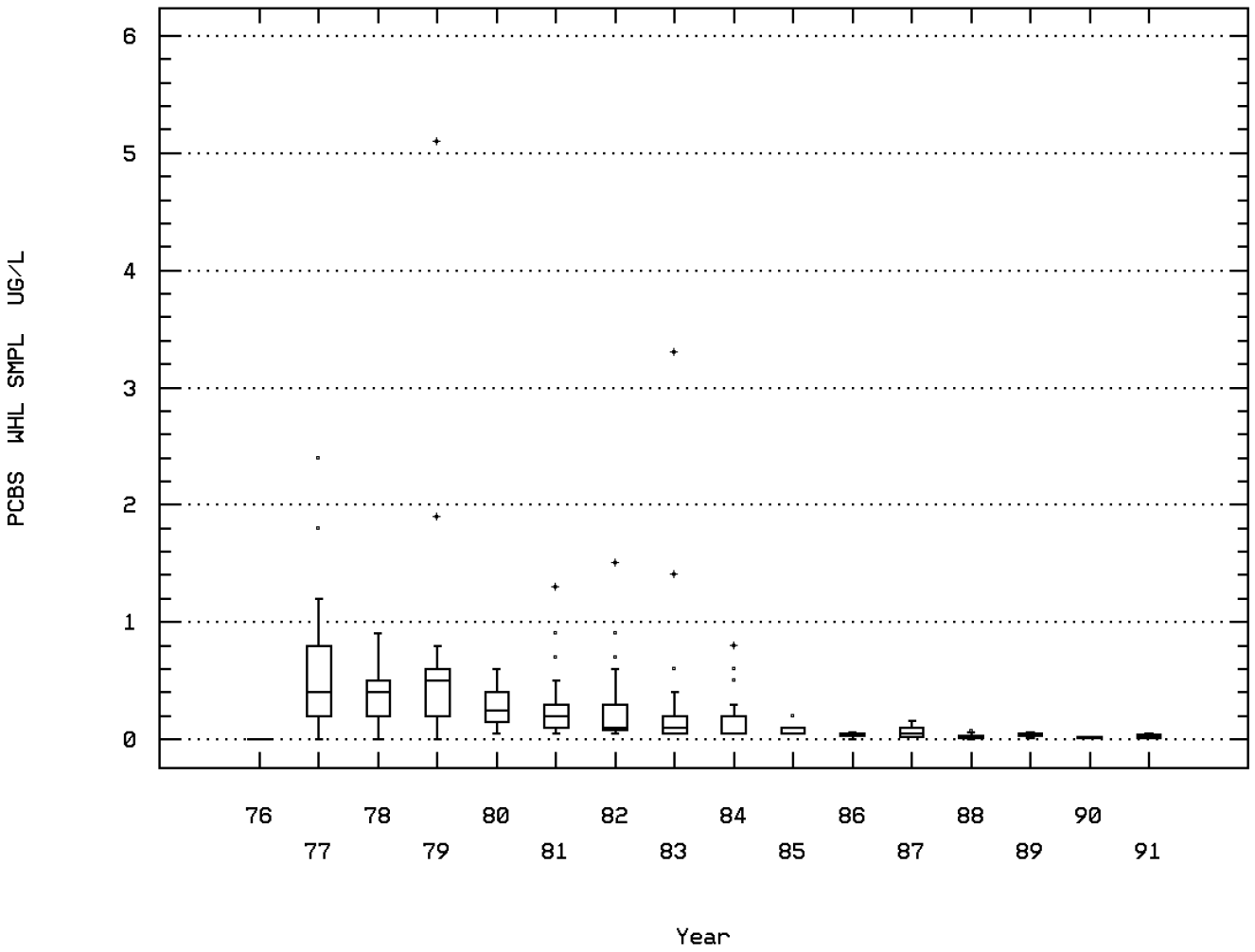
RESIDUE, TOTAL NONFILTRABLE (MG/L)



HUDSON RIVER AT STILLWATER NY

Station: SARA0067 Parameter Code: 39516

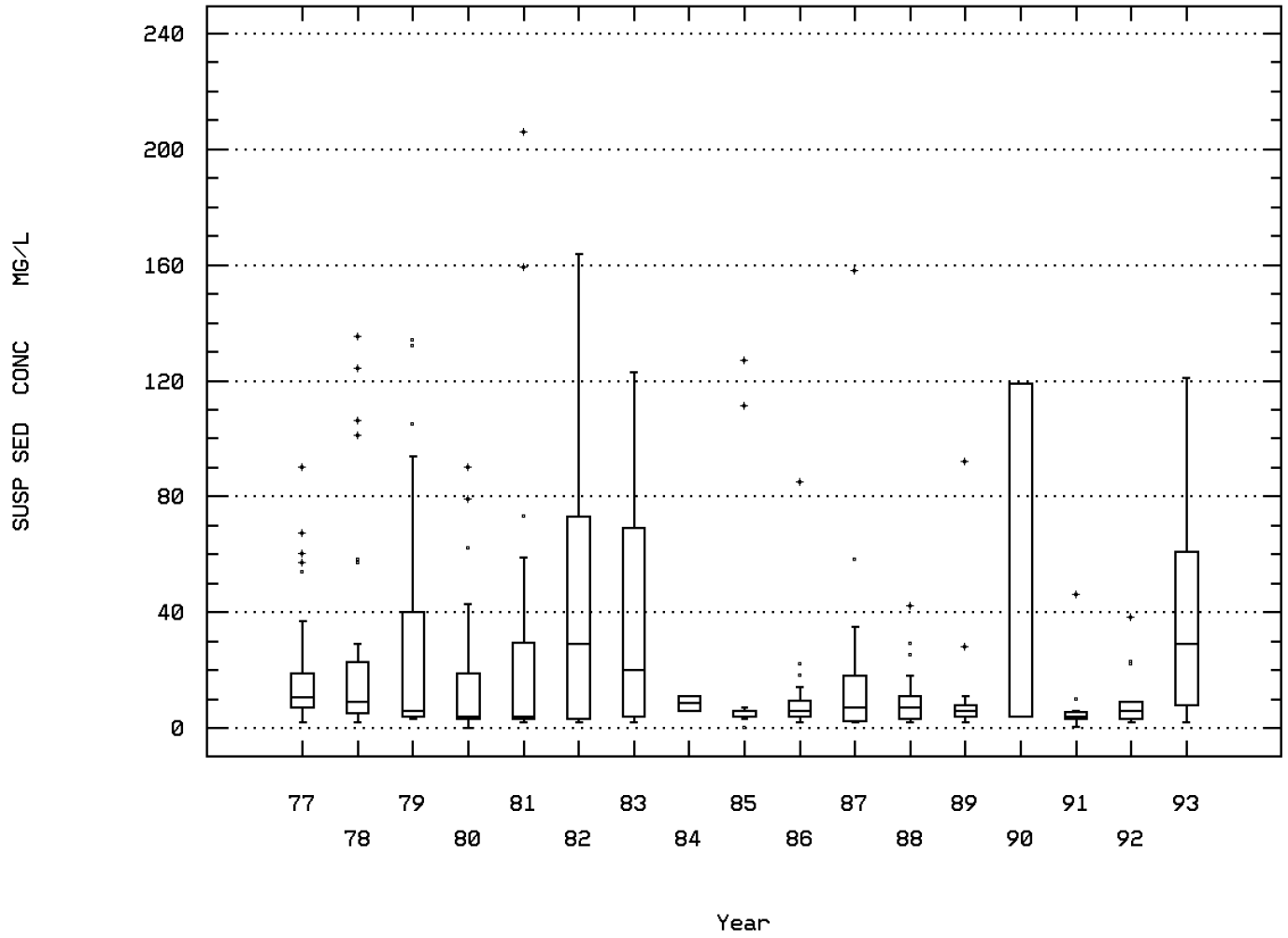
PCBS IN WHOLE WATER SAMPLE (UG/L)



HUDSON RIVER AT STILLWATER NY

Station: SARA0067 Parameter Code: 80154

SUSP. SEDIMENT CONCENTRATION-EVAP. AT 1



HUDSON RIVER AT STILLWATER NY

Seasonal Analysis for Season #1: 9/20 to 2/29 - Station SARA0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/14/77-09/25/92	90	7144.	10428.489	34200.	1260.	65359428.253	8084.518	3570.	4871.	12775.	25440.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/23/69-08/26/93	55	105.	104.345	218.	68.	473.267	21.755	81.4	91.	116.	121.2
00335	COD, .025N K2CR2O7 MG/L	04/23/69-05/27/75	31	14.	15.032	38.	6.	37.099	6.091	8.	12.	17.	21.6
00400p	PH (STANDARD UNITS)	04/23/69-08/26/93	36	6.95	6.953	7.7	5.9	0.124	0.352	6.57	6.725	7.2	7.4
00400p	CONVERTED PH (STANDARD UNITS)	04/23/69-08/26/93	36	6.947	6.789	7.7	5.9	0.151	0.389	6.57	6.725	7.2	7.4
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/69-08/26/93	36	0.113	0.162	1.259	0.02	0.044	0.21	0.04	0.063	0.189	0.271
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/23/69-05/27/75	31	22.	24.161	67.	5.	97.206	9.859	16.2	20.	27.	31.8
00440	BICARBONATE ION (MG/L AS HCO3)	04/23/69-05/27/75	31	27.	29.516	82.	6.	145.325	12.055	20.2	24.	33.	38.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/20/71-11/13/80	47	8.	16.251	130.	0.	656.98	25.632	0.96	4.	14.	36.6
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10/11/72-11/13/80	22	4.5	7.818	59.	0.	151.584	12.312	0.	2.	11.25	13.7
00600	NITROGEN, TOTAL (MG/L AS N)	07/07/71-12/06/78	30	1.	1.021	1.8	0.59	0.071	0.266	0.732	0.808	1.2	1.318
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/23/69-05/27/75	31	0.34	0.372	0.83	0.15	0.028	0.167	0.174	0.26	0.45	0.648
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/15/70-12/06/78	41	0.02	0.037	0.16	0.01	0.001	0.034	0.011	0.02	0.04	0.078
00940	CHLORIDE,TOTAL IN WATER MG/L	04/23/69-05/27/75	31	5.	5.484	9.	3.	1.458	1.208	4.	5.	6.	7.
00945	SULFATE, TOTAL (MG/L AS SO4)	04/23/69-05/27/75	31	15.	15.774	33.	11.	20.181	4.492	12.	13.	17.	20.6
01045	IRON, TOTAL (UG/L AS FE)	04/16/73-03/23/80	30	420.	860.667	4100.	180.	1083558.161	1040.941	213.	250.	850.	2730.
01051	LEAD, TOTAL (UG/L AS PB)	02/02/72-10/31/79	21	9.	18.143	75.	0.	440.729	20.994	2.2	4.5	22.	59.2
01055	MANGANESE, TOTAL (UG/L AS MN)	04/23/69-03/23/80	34	40.	45.441	170.	0.	1515.709	38.932	7.5	20.	50.	110.
34671	PCB - 1016 TOTWUG/L	12/24/85-12/20/93	40 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	40 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	40 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	40 ##	0.05	0.054	0.5	0.005	0.006	0.074	0.011	0.033	0.05	0.059
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	40 ##	0.05	0.049	0.05	0.02	0.	0.005	0.05	0.05	0.05	0.05
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	34 ##	0.05	0.039	0.05	0.005	0.	0.019	0.005	0.014	0.05	0.05
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	40 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39516p	PCBS IN WHOLE WATER SAMPLE (UG/L)	03/14/76-07/25/91	79	0.05	0.215	2.4	0.	0.146	0.382	0.02	0.04	0.2	0.6
39517	PCBS IN FILT. FRAC. OF WATER SAMPLE (UG/L)	07/05/78-08/06/85	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/30/77-05/26/93	141	5.	15.28	206.	0.	918.637	30.309	1.2	3.	10.	37.4
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/30/77-12/18/87	48	173.5	1587.729	17200.	0.	10701177.01	3271.265	18.8	71.75	1660.	4926.

** - Less than 9 observations ## - Computed 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: 3/01 to 4/30 - Station SARA0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/14/77-09/25/92	142	16600.	18073.599	42600.	146.	90190845.121	9496.886	5626.	10450.	25175.	32620.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/23/69-08/26/93	71	99.	100.225	162.	61.	645.977	25.416	64.2	78.	119.	137.8
00335	COD, .025N K2CR2O7 MG/L	04/23/69-05/27/75	16	13.	14.25	25.	2.	46.067	6.787	5.5	10.	20.75	25.
00400p	PH (STANDARD UNITS)	04/23/69-08/26/93	17	7.1	7.118	7.5	6.8	0.034	0.185	6.88	7.	7.2	7.5
00400p	CONVERTED PH (STANDARD UNITS)	04/23/69-08/26/93	17	7.1	7.084	7.5	6.8	0.035	0.188	6.88	7.	7.2	7.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/69-08/26/93	17	0.079	0.082	0.158	0.032	0.001	0.032	0.032	0.063	0.1	0.132
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/23/69-05/27/75	16	26.	27.125	41.	13.	69.983	8.366	15.8	21.25	33.75	40.3
00440	BICARBONATE ION (MG/L AS HCO3)	04/23/69-05/27/75	16	32.	33.125	50.	16.	104.117	10.204	19.5	26.25	41.25	49.3
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/20/71-11/13/80	57	21.	47.386	512.	2.	5532.098	74.378	6.	12.	60.	121.6
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10/11/72-11/13/80	22	11.5	22.545	109.	1.	739.784	27.199	2.	5.	34.25	64.3
00600	NITROGEN, TOTAL (MG/L AS N)	07/07/71-12/06/78	34	1.15	1.165	2.8	0.41	0.171	0.413	0.7	0.91	1.3	1.65
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/23/69-05/27/75	16	0.235	0.248	0.6	0.05	0.017	0.131	0.113	0.153	0.315	0.467
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/15/70-12/06/78	38	0.03	0.054	0.47	0.01	0.006	0.077	0.019	0.02	0.06	0.113
00940	CHLORIDE,TOTAL IN WATER MG/L	04/23/69-05/27/75	16	5.	5.438	12.	2.	6.529	2.555	2.7	3.25	7.5	9.2
00945	SULFATE, TOTAL (MG/L AS SO4)	04/23/69-05/27/75	16	13.	13.688	19.	8.	9.429	3.071	9.4	12.	15.5	19.
01045	IRON, TOTAL (UG/L AS FE)	04/16/73-03/23/80	47	1100.	1868.723	19000.	180.	8777598.335	2962.701	300.	450.	2000.	4780.
01051	LEAD, TOTAL (UG/L AS PB)	02/02/72-10/31/79	36	11.5	15.194	140.	2.	511.361	22.613	3.	7.	14.75	23.2
01055	MANGANESE, TOTAL (UG/L AS MN)	04/23/69-03/23/80	50	50.	73.4	550.	0.	7621.878	87.303	20.	30.	82.5	159.
34671	PCB - 1016 TOTWUG/L	12/24/85-12/20/93	48 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	48 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	48 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	48 ##	0.05	0.071	0.41	0.01	0.005	0.074	0.015	0.04	0.078	0.127

** - 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 box-and-whisker plot

Seasonal Analysis for Season #2: 3/01 to 4/30 - Station SARA0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	48 ##	0.05	0.049	0.05	0.01	0.	0.007	0.05	0.05	0.05	0.05
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	48 ##	0.01	0.025	0.09	0.005	0.001	0.023	0.005	0.005	0.05	0.05
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	48 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39516p	PCBS IN WHOLE WATER SAMPLE (UG/L)	03/14/76-07/25/91	131	0.1	0.251	5.1	0.	0.274	0.524	0.01	0.05	0.3	0.5
39517	PCBS IN FILT. FRAC. OF WATER SAMPLE (UG/L)	07/05/78-08/06/85	8	0.1	0.1	0.2	0.	0.005	0.071	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/30/77-05/26/93	152	24.5	42.776	164.	1.	1603.168	40.04	5.	11.25	68.5	107.4
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/30/77-12/18/87	80	2375.	3587.588	14986.	14.	15360307.638	3919.223	139.8	644.25	5172.5	10696.

** - Less than 9 observations ## - Computed 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: 5/01 to 6/30 - Station SARA0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/14/77-09/25/92	83	4900.	9290.723	44000.	1320.	109023431.178	10441.429	2300.	3520.	10200.	26400.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/23/69-08/26/93	35	95.	100.8	151.	61.	498.282	22.322	74.8	88.	113.	142.
00335	COD, .025N K2CR2O7 MG/L	04/23/69-05/27/75	14	12.5	12.571	31.	3.	37.802	6.148	5.5	9.75	14.	23.
00400p	PH (STANDARD UNITS)	04/23/69-08/26/93	16	7.1	7.125	7.6	6.7	0.059	0.244	6.77	7.	7.3	7.53
00400p	CONVERTED PH (STANDARD UNITS)	04/23/69-08/26/93	16	7.1	7.064	7.6	6.7	0.063	0.251	6.77	7.	7.3	7.53
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/69-08/26/93	16	0.079	0.086	0.2	0.025	0.002	0.047	0.03	0.05	0.1	0.171
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/23/69-05/27/75	14	23.5	22.643	30.	13.	18.863	4.343	14.5	20.5	25.25	28.
00440	BICARBONATE ION (MG/L AS HCO3)	04/23/69-05/27/75	14	28.5	27.643	36.	16.	28.401	5.329	17.5	25.25	31.25	34.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/20/71-11/13/80	29	9.	13.483	48.	1.	144.759	12.032	3.	6.	15.	35.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10/11/72-11/13/80	14	5.	10.929	38.	0.	146.379	12.099	1.	3.	15.75	34.5
00600	NITROGEN, TOTAL (MG/L AS N)	07/07/71-12/06/78	16	1.1	1.219	2.16	0.69	0.181	0.425	0.725	0.92	1.6	1.838
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/23/69-05/27/75	14	0.32	0.406	1.2	0.05	0.083	0.288	0.115	0.22	0.585	0.915
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/15/70-12/06/78	20	0.02	0.025	0.07	0.01	0.	0.016	0.01	0.016	0.023	0.05
00940	CHLORIDE,TOTAL IN WATER MG/L	04/23/69-05/27/75	14	5.	4.929	7.	2.	1.918	1.385	2.5	4.	6.	7.
00945	SULFATE, TOTAL (MG/L AS SO4)	04/23/69-05/27/75	14	12.5	12.5	15.	10.	2.577	1.605	10.	11.	14.	14.5
01045	IRON, TOTAL (UG/L AS FE)	04/16/73-03/23/80	20	330.	477.	2200.	250.	192969.474	439.283	280.	280.	452.5	956.
01051	LEAD, TOTAL (UG/L AS PB)	02/02/72-10/31/79	19	4.	6.579	18.	0.	37.591	6.131	0.	2.	13.	17.
01055	MANGANESE, TOTAL (UG/L AS MN)	04/23/69-03/23/80	25	30.	30.2	80.	0.	438.5	20.94	0.	15.	40.	60.
34671	PCB - 1016 TOTWUG/L	12/24/85-12/20/93	24 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	24 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	24 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	24 ##	0.05	0.063	0.24	0.025	0.002	0.047	0.05	0.05	0.05	0.125
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	24 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	24 ##	0.05	0.043	0.05	0.005	0.	0.016	0.005	0.05	0.05	0.05
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	24 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39516p	PCBS IN WHOLE WATER SAMPLE (UG/L)	03/14/76-07/25/91	62	0.2	0.323	3.3	0.	0.235	0.485	0.05	0.06	0.4	0.8
39517	PCBS IN FILT. FRAC. OF WATER SAMPLE (UG/L)	07/05/78-08/06/85	4	0.105	0.14	0.3	0.05	0.012	0.11	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/30/77-05/26/93	86	7.	11.291	100.	0.	334.938	18.301	2.	4.	10.	19.3
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/30/77-12/18/87	51	76.	114.412	862.	7.3	20602.215	143.535	23.2	37.	146.	211.6

** - 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 #4: 7/01 to 9/19 - Station SARA0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/14/77-09/25/92	114	2885.	2949.061	7170.	659.	1408558.607	1186.827	1445.	2160.	3610.	4170.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/23/69-08/26/93	46	115.5	119.37	266.	84.	813.038	28.514	93.	102.75	125.75	145.9
00335	COD, .025N K2CR2O7 MG/L	04/23/69-05/27/75	18	13.5	13.722	28.	6.	27.154	5.211	7.8	10.	16.	21.7
00400p	PH (STANDARD UNITS)	04/23/69-08/26/93	29	7.2	7.232	7.8	6.4	0.147	0.384	6.7	6.95	7.6	7.72
00400p	CONVERTED PH (STANDARD UNITS)	04/23/69-08/26/93	29	7.2	7.064	7.8	6.4	0.177	0.42	6.7	6.95	7.6	7.72
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/69-08/26/93	29	0.063	0.086	0.398	0.016	0.007	0.085	0.019	0.025	0.113	0.2
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/23/69-05/27/75	18	25.	27.722	84.	17.	214.33	14.64	17.9	21.75	28.	37.2

** - 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

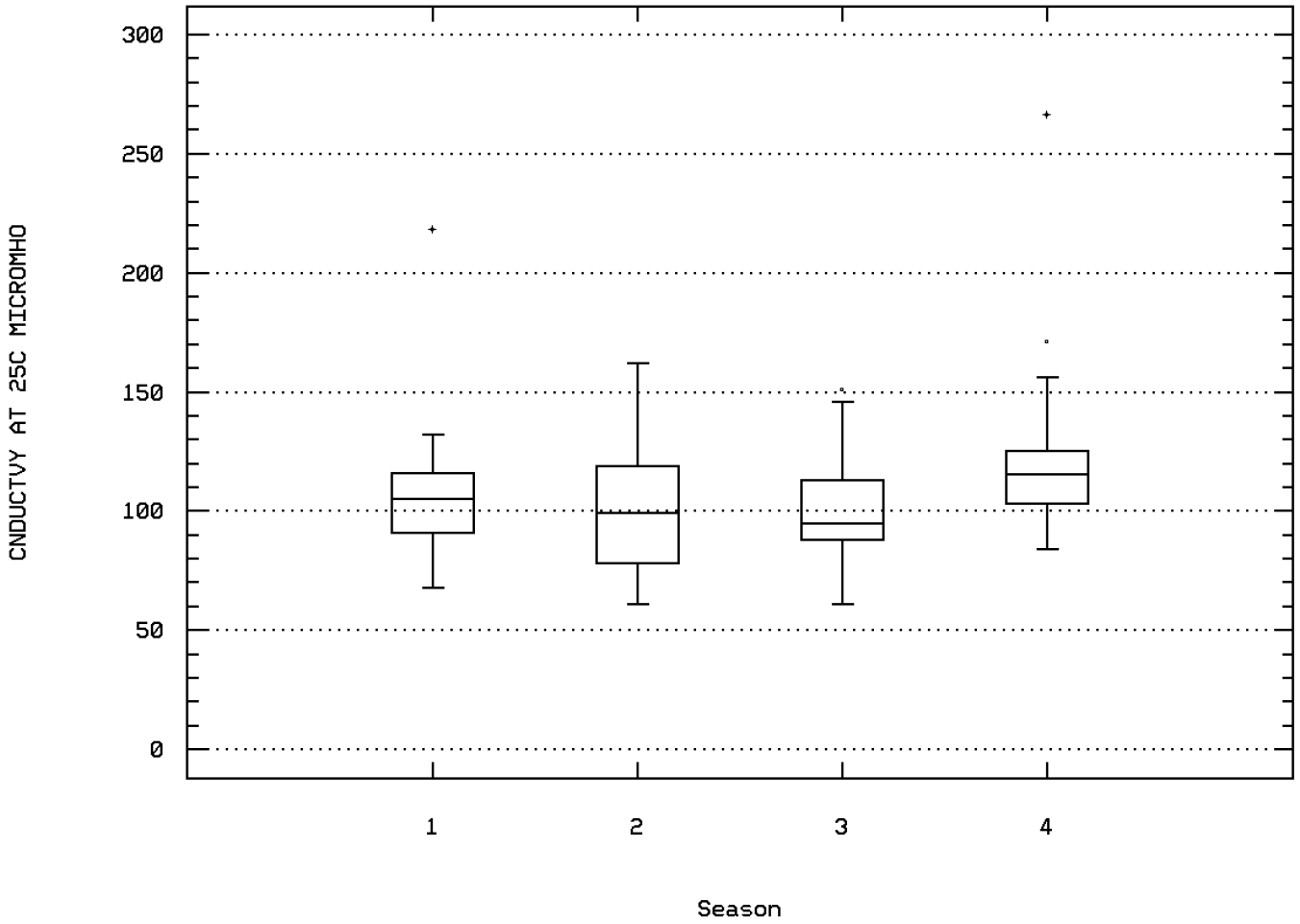
Seasonal Analysis for Season #4: 7/01 to 9/19 - Station SARA0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00440	BICARBONATE ION (MG/L AS HCO3)	04/23/69-05/27/75	18	30.	33.722	103.	21.	324.212	18.006	21.9	26.75	34.25	45.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/20/71-11/13/80	57	4.	5.456	27.	0.	28.074	5.298	0.	2.	7.	10.2
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10/11/72-11/13/80	33	1.	2.03	11.	0.	7.405	2.721	0.	0.	2.5	6.6
00600	NITROGEN, TOTAL (MG/L AS N)	07/07/71-12/06/78	26	1.	1.155	2.4	0.71	0.134	0.366	0.818	0.94	1.31	1.605
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/23/69-05/27/75	18	0.3	0.333	0.73	0.06	0.028	0.167	0.069	0.248	0.43	0.568
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/15/70-12/06/78	29	0.03	0.035	0.09	0.01	0.	0.019	0.019	0.02	0.045	0.07
00940	CHLORIDE,TOTAL IN WATER MG/L	04/23/69-05/27/75	18	5.	5.778	13.	4.	4.889	2.211	4.	4.75	6.25	9.4
00945	SULFATE, TOTAL (MG/L AS SO4)	04/23/69-05/27/75	18	14.	14.5	30.	9.	18.853	4.342	10.8	13.	15.	18.3
01045	IRON, TOTAL (UG/L AS FE)	04/16/73-03/23/80	34	270.	367.647	1900.	140.	98509.447	313.862	175.	240.	397.5	565.
01051	LEAD, TOTAL (UG/L AS PB)	02/02/72-10/31/79	32	4.	5.531	20.	0.	23.87	4.886	0.	2.25	7.75	13.7
01055	MANGANESE, TOTAL (UG/L AS MN)	04/23/69-03/23/80	39	30.	31.795	120.	0.	388.799	19.718	0.	20.	40.	50.
34671	PCB - 1016 TOTWUG/L	12/24/85-12/20/93	38 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	38 ##	0.05	0.059	0.4	0.05	0.003	0.057	0.05	0.05	0.05	0.05
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	38 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	38 ##	0.05	0.064	0.17	0.05	0.001	0.029	0.05	0.05	0.06	0.103
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	38 ##	0.05	0.053	0.2	0.02	0.001	0.025	0.05	0.05	0.05	0.05
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	38 ##	0.05	0.043	0.2	0.005	0.001	0.032	0.005	0.021	0.05	0.05
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	12/24/85-12/20/93	38 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39516p	PCBS IN WHOLE WATER SAMPLE (UG/L)	03/14/76-07/25/91	106	0.2	0.305	1.2	0.02	0.086	0.292	0.047	0.05	0.5	0.73
39517	PCBS IN FILT. FRAC. OF WATER SAMPLE (UG/L)	07/05/78-08/06/85	10 ##	0.05	0.099	0.5	0.	0.022	0.147	0.	0.038	0.11	0.464
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/30/77-05/26/93	107	3.	4.346	57.	1.	36.285	6.024	1.	2.	4.	7.
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/30/77-12/18/87	70	23.5	32.723	259.	3.6	1331.82	36.494	7.94	13.5	38.25	69.4

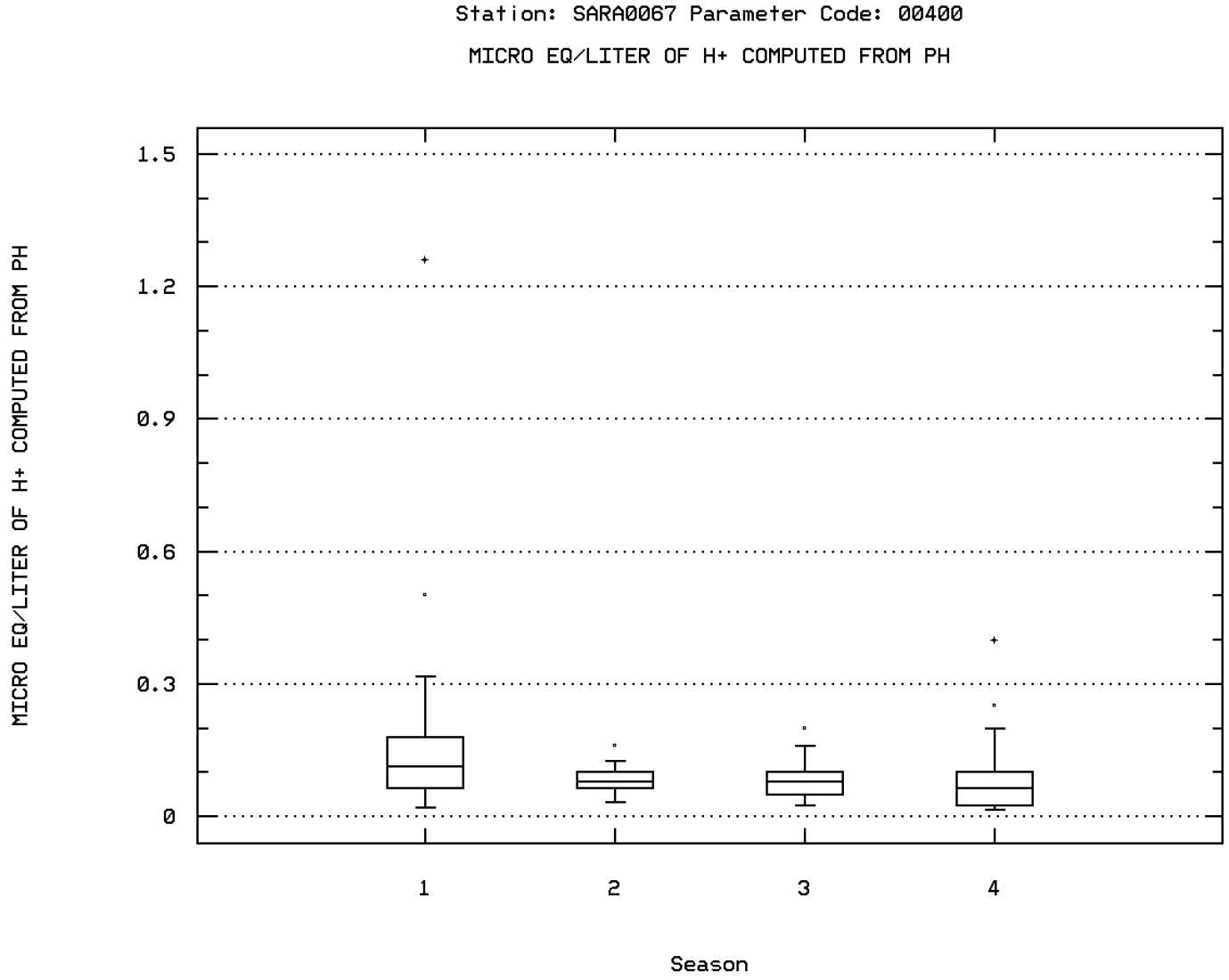
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: SARA0067 Parameter Code: 00095

SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)



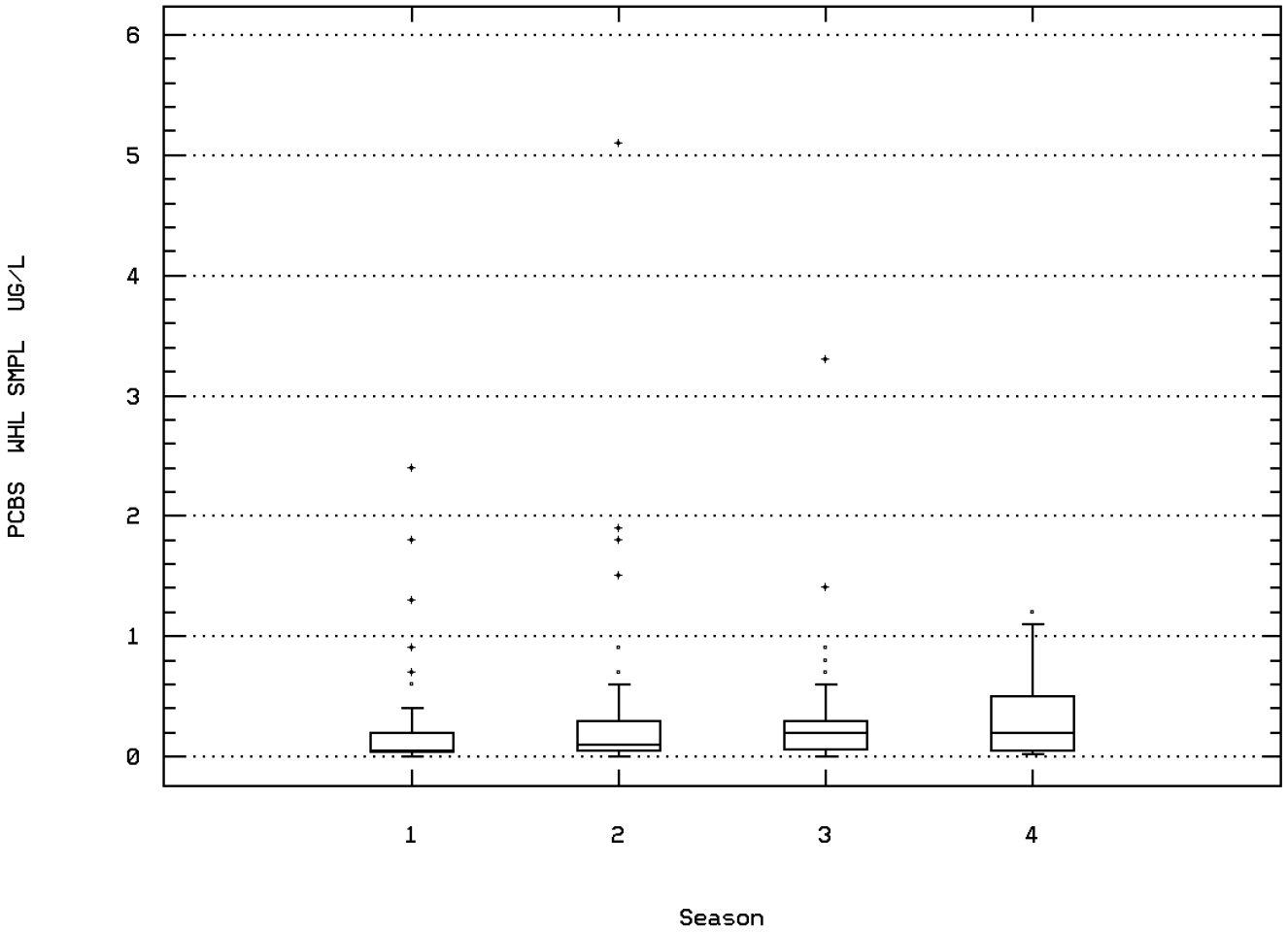
HUDSON RIVER AT STILLWATER NY



HUDSON RIVER AT STILLWATER NY

Station: SARA0067 Parameter Code: 39516

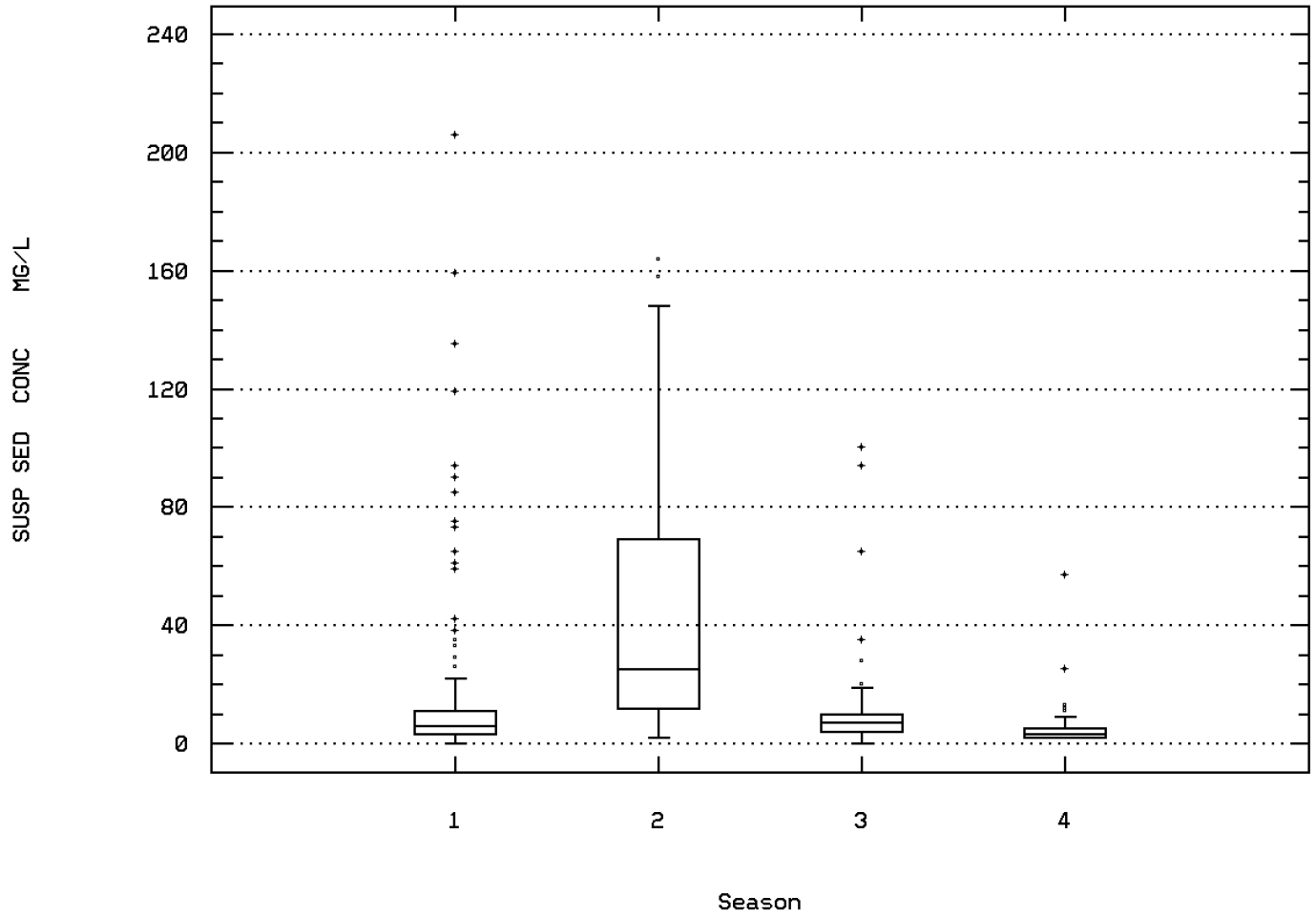
PCBS IN WHOLE WATER SAMPLE (UG/L)



HUDSON RIVER AT STILLWATER NY

Station: SARA0067 Parameter Code: 80154

SUSP. SEDIMENT CONCENTRATION-EVAP. AT 1



HUDSON RIVER AT STILLWATER NY

Station Inventory for Station: SARA0068

NPS Station ID: SARA0068
LAT/LON: 42.932227/ -73.652226
Agency: 21NYDECA
Date Created: 02/18/89
Location: HOOSIC R. IN SCHAGHTICOKE @ LOCK 4
FIPS State/County: 36083 NEW YORK/RENSSELAER
Station Type: /TYPA/AMBNT/STREAM/NET
STORET Station ID(s): 11021001 /GS01335400
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02020003
Depth of Water: 0
Aquifer:
Major Basin: NORTHEAST
Elevation: 0
Water Body Id: HOOSIC R. IN SCHAGHTICOKE
Minor Basin: UPPER HUDSON RIVER
ECO Region:
RF1 Index: 02020003
RF1 Mile Point: 0.000
Distance from RF1: 2.40
On/Off RF1:
RF3 Index: 02020003001218.30
RF3 Mile Point: 18.29
Distance from RF3: 0.04
On/Off RF3:
Description:

Parameter Inventory for Station: SARA0068

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/06/73-10/08/80	43	14.	14.244	28.	0.2	67.716	8.229	2.	7.5	21.	25.92
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/06/73-10/08/80	43	16.4	17.063	31.	-2.5	88.081	9.385	4.9	10.	24.3	30.56
00032	CLOUD COVER (PERCENT)	02/06/73-10/08/80	44	55.	55.341	100.	5.	1056.974	32.511	10.	26.25	90.	99.
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/06/73-08/21/73	6	1219.	1265.5	2440.	230.	903089.5	950.31	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/06/73-09/09/76	16	4.5	10.706	70.	2.	284.927	16.88	2.	3.	14.825	35.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/12/76-10/08/80	23	3.5	6.565	70.	1.	195.821	13.994	1.34	2.5	5.1	9.16
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/04/73-11/05/81	44	217.	215.659	374.	86.	3314.649	57.573	145.	177.25	249.75	291.5
00300	OXYGEN, DISSOLVED MG/L	02/06/73-10/08/80	43	11.	11.442	15.4	8.	4.1	2.025	8.52	10.	13.	14.32
00303	BOD, 1DAY, 20 DEG C MG/L	05/19/75-11/05/81	40	0.8	1.038	2.9	0.05	0.629	0.793	0.055	0.5	1.675	2.09
00305	BOD, 3 DAY, 20 DEG C MG/L	05/19/75-11/05/81	14	2.75	2.779	5.6	0.9	1.463	1.21	1.35	1.8	3.375	4.9
00310	BOD, 5 DAY, 20 DEG C MG/L	05/30/73-11/05/81	37	2.9	2.968	7.5	0.2	2.953	1.719	0.58	1.6	4.35	5.22
00315	BOD, 7 DAY, 20 DEG C MG/L	02/06/73-11/05/81	41	3.	3.341	8.4	0.8	3.243	1.801	1.34	1.85	4.	6.08
00335	COD, .025N K2CR2O7 MG/L	06/26/75-10/08/81	22	8.35	9.664	16.3	5.	12.888	3.59	5.3	7.	13.	15.7
00340	COD, .25N K2CR2O7 MG/L	06/27/78-10/08/80	18	10.5	13.667	34.	2.	86.941	9.324	2.	7.75	20.75	29.5
00400	PH (STANDARD UNITS)	02/06/73-10/08/80	43	8.5	8.393	9.6	7.2	0.366	0.605	7.54	8.	8.8	9.16
00400	CONVERTED PH (STANDARD UNITS)	02/06/73-10/08/80	43	8.5	8.02	9.6	7.2	0.508	0.713	7.54	8.	8.8	9.16
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/06/73-10/08/80	43	0.003	0.01	0.063	0.	0.	0.013	0.001	0.002	0.01	0.029
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/27/78-11/05/81	27	91.	82.333	121.	42.	492.154	22.185	54.2	61.	100.	109.2
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	10/29/75-05/26/77	11	71.	74.455	130.	52.	410.873	20.27	53.2	64.	78.	120.
00436	ACIDITY, MINERAL (METHYL ORANGE) (MG/L AS CACO3)	07/26/78-07/26/78	1	110.	110.	110.	110.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/30/73-11/05/81	43	9.	12.895	106.	0.5	396.09	19.902	3.	4.	13.	17.6
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/26/75-11/05/81	30	3.5	7.6	97.	1.	292.869	17.113	1.	2.	7.	9.9
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	06/26/75-11/05/81	38	4.	7.276	84.	0.5	180.915	13.45	0.95	2.	8.	11.2
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	10/29/75-09/09/76	10	0.25	0.275	0.56	0.16	0.015	0.124	0.16	0.168	0.34	0.538
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/26/75-11/05/81	43	0.032	0.05	0.27	0.009	0.002	0.049	0.011	0.02	0.058	0.116
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/26/75-11/05/81	36	0.01	0.011	0.023	0.004	0.	0.005	0.005	0.008	0.013	0.02
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/26/75-09/09/76	13	0.46	0.469	0.7	0.1	0.035	0.188	0.12	0.39	0.64	0.68
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/26/75-10/08/81	28	0.41	0.464	0.95	0.086	0.053	0.23	0.189	0.303	0.608	0.83
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/26/77-11/05/81	28	0.3	0.319	0.81	0.06	0.036	0.189	0.096	0.2	0.4	0.581
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	06/26/75-09/09/76	13	0.25	0.242	0.43	0.03	0.013	0.115	0.066	0.15	0.31	0.43
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/29/75-11/05/81	37	0.02	0.033	0.16	0.001	0.001	0.037	0.005	0.005	0.051	0.084
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/13/74-09/30/74	6	91.5	87.167	102.	56.	302.567	17.394	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/22/81-11/05/81	8	11.5	11.75	17.	9.	6.214	2.493	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/26/75-10/08/80	35	11.	12.971	72.	4.	123.558	11.116	6.	8.	15.	18.
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	07/16/81-09/10/81	2	6.	6.	7.	5.	2.	1.414	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	02/06/73-11/05/81	55	900.	4148.727	72000.	40.	109397681.684	10459.335	68.	300.	4000.	11800.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	02/06/73-11/05/81	55	2.954	2.98	4.857	1.602	0.593	0.77	1.821	2.477	3.602	4.054
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			955.599								

** - Less 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: SARA0068

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	02/06/73-11/05/81	52	90.	282.096	3200.	0.	353736.598	594.758	10.	20.5	247.5	663.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	02/06/73-11/05/81	52	1.954	1.888	3.505	0.	0.541	0.736	1.	1.311	2.394	2.817
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			77.191								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	02/06/73-05/30/73	2	178.	178.	320.	36.	40328.	200.818	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	02/06/73-05/30/73	2	2.031	2.031	2.505	1.556	0.45	0.671	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			107.331								
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	02/06/73-05/30/73	2	2150.	2150.	3000.	1300.	1445000.	1202.082	**	**	**	**
31751	LOG PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	02/06/73-05/30/73	2	3.296	3.296	3.477	3.114	0.066	0.257	**	**	**	**
31751	GM PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	GEOMETRIC MEAN =			1974.842								
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/26/77-11/05/81	30	0.085	0.155	2.3	0.01	0.167	0.408	0.021	0.038	0.12	0.179
71900	MERCURY, TOTAL (UG/L AS HG)	07/16/81-09/10/81	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	04/22/81-11/05/81	8	1.75	2.375	4.8	0.8	1.911	1.382	**	**	**	**

** - Less 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: SARA0068

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/20-2/29 Obs	9/20-2/29 Exceed	9/20-2/29 Prop.	3/01-4/30 Obs	3/01-4/30 Exceed	3/01-4/30 Prop.	5/01-6/30 Obs	5/01-6/30 Exceed	5/01-6/30 Prop.	7/01-9/19 Obs	7/01-9/19 Exceed	7/01-9/19 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	16	1	0.06	4	0	0.00	2	0	0.00	5	0	0.00	5	1	0.20
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	23	1	0.04	5	0	0.00	1	0	0.00	8	0	0.00	9	1	0.11
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	43	0	0.00	12	0	0.00	6	0	0.00	12	0	0.00	13	0	0.00
00400	PH	Other-Hi Lim.	9.	43	8	0.19	15	2	0.13	6	0	0.00	9	3	0.33	13	3	0.23
		Other-Lo Lim.	6.5	43	0	0.00	15	0	0.00	6	0	0.00	9	0	0.00	13	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	36	0	0.00	9	0	0.00	4	0	0.00	10	0	0.00	13	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	13	0	0.00	3	0	0.00	2	0	0.00	3	0	0.00	5	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	28	0	0.00	7	0	0.00	2	0	0.00	9	0	0.00	10	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	8	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00	3	0	0.00
		Drinking Water	250.	8	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00	3	0	0.00
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	35	0	0.00	9	0	0.00	3	0	0.00	11	0	0.00	12	0	0.00
		Drinking Water	250.	35	0	0.00	9	0	0.00	3	0	0.00	11	0	0.00	12	0	0.00
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Fresh Acute	3.9	2	2	1.00										2	2	1.00
		Drinking Water	5.	2	2	1.00										2	2	1.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	55	26	0.47	17	7	0.41	7	4	0.57	16	6	0.38	15	9	0.60
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	52	17	0.33	13	6	0.46	5	1	0.20	17	4	0.24	17	6	0.35
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
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	8	0	0.00	2	0	0.00	1	0	0.00	2	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

Seasonal Analysis for Season #1: 9/20 to 2/29 - Station SARA0068

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/06/73-10/08/80	14	7.35	7.3	14.	0.2	24.828	4.983	0.2	2.75	12.	13.95
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/06/73-10/08/80	14	3.85	7.336	16.	-2.5	39.444	6.28	2.75	4.375	13.9	16.
00032	CLOUD COVER (PERCENT)	02/06/73-10/08/80	15	90.	76.333	99.	20.	732.381	27.063	29.	50.	99.	99.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/04/73-11/05/81	11	187.	216.	320.	98.	4515.6	67.198	113.2	176.	262.	319.8
00300	OXYGEN, DISSOLVED MG/L	02/06/73-10/08/80	12	12.4	11.933	14.6	8.	4.832	2.198	8.48	10.05	14.1	14.54
00303	BOD, 1DAY, 20 DEG C MG/L	05/19/75-11/05/81	9 ##	0.4	0.433	1.3	0.05	0.194	0.44	0.05	0.05	0.75	1.3
00310	BOD, 5 DAY, 20 DEG C MG/L	05/30/73-11/05/81	10	1.85	1.95	5.2	0.2	2.378	1.542	0.23	0.575	2.85	4.98
00315	BOD, 7 DAY, 20 DEG C MG/L	02/06/73-11/05/81	12	1.95	2.317	6.2	0.8	2.127	1.458	0.86	1.35	2.95	5.36
00400	PH (STANDARD UNITS)	02/06/73-10/08/80	15	8.2	8.22	9.5	7.2	0.36	0.6	7.32	7.9	8.5	9.26
00400	CONVERTED PH (STANDARD UNITS)	02/06/73-10/08/80	15	8.2	7.889	9.5	7.2	0.478	0.691	7.32	7.9	8.5	9.26
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/06/73-10/08/80	15	0.006	0.013	0.063	0.	0.	0.017	0.001	0.003	0.013	0.049
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/30/73-11/05/81	10	5.	15.55	106.	0.5	1021.692	31.964	0.75	3.	10.5	96.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/26/75-11/05/81	11	0.029	0.04	0.17	0.009	0.002	0.046	0.009	0.012	0.05	0.147
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/26/75-11/05/81	9	0.01	0.01	0.013	0.005	0.	0.003	0.005	0.008	0.013	0.013
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/29/75-11/05/81	11	0.03	0.053	0.16	0.005	0.003	0.054	0.005	0.005	0.11	0.15
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	02/06/73-11/05/81	17	800.	1696.471	7800.	50.	5601561.765	2366.762	50.	275.	1700.	6600.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	02/06/73-11/05/81	17	2.903	2.821	3.892	1.699	0.449	0.67	1.699	2.438	3.224	3.818
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			662.456								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	02/06/73-11/05/81	13	110.	342.462	2100.	10.	324696.769	569.822	13.2	22.	405.	1548.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	02/06/73-11/05/81	13	2.041	2.076	3.322	1.	0.484	0.696	1.102	1.341	2.586	3.136
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			119.073								

** - 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

Seasonal Analysis for Season #2: 3/01 to 4/30 - Station SARA0068

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/06/73-10/08/80	5	7.	5.18	9.	0.3	14.422	3.798	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/06/73-10/08/80	4	13.8	13.65	17.	10.	9.323	3.053	**	**	**	**
00032	CLOUD COVER (PERCENT)	02/06/73-10/08/80	6	35.	45.	95.	5.	1520.	38.987	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/04/73-11/05/81	5	191.	178.8	230.	86.	2974.7	54.541	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	02/06/73-10/08/80	6	13.1	13.	14.2	11.4	1.136	1.066	**	**	**	**
00303	BOD, 1DAY, 20 DEG C MG/L	05/19/75-11/05/81	3	0.5	0.467	0.7	0.2	0.063	0.252	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	05/30/73-11/05/81	3	1.4	1.3	2.	0.5	0.57	0.755	**	**	**	**
00315	BOD, 7 DAY, 20 DEG C MG/L	02/06/73-11/05/81	3	1.5	1.667	2.5	1.	0.583	0.764	**	**	**	**
00400	PH (STANDARD UNITS)	02/06/73-10/08/80	6	7.9	8.1	8.9	7.5	0.38	0.616	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/06/73-10/08/80	6	7.855	7.836	8.9	7.5	0.463	0.681	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/06/73-10/08/80	6	0.014	0.015	0.032	0.001	0.	0.013	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/30/73-11/05/81	4	3.5	5.5	13.	2.	25.667	5.066	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/26/75-11/05/81	4	0.035	0.059	0.15	0.017	0.004	0.061	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/26/75-11/05/81	4	0.007	0.007	0.009	0.004	0.	0.002	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/29/75-11/05/81	4 ##	0.005	0.007	0.015	0.001	0.	0.006	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	02/06/73-11/05/81	7	2300.	3025.714	9000.	40.	10566095.238	3250.553	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	02/06/73-11/05/81	7	3.362	3.031	3.954	1.602	0.766	0.875	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1072.841								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	02/06/73-11/05/81	5	10.	77.8	260.	4.	12394.2	111.329	**	**	**	**
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	02/06/73-11/05/81	5	1.	1.351	2.415	0.602	0.679	0.824	**	**	**	**
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			22.464								

** - Less than 9 observations ## - Computed 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: 5/01 to 6/30 - Station SARA0068

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/06/73-10/08/80	11	17.1	17.891	28.	10.7	26.697	5.167	11.16	13.	22.	27.2
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/06/73-10/08/80	12	23.25	21.042	31.	10.	45.644	6.756	10.51	16.1	25.5	30.67
00032	CLOUD COVER (PERCENT)	02/06/73-10/08/80	11	60.	58.182	100.	25.	541.364	23.267	27.	40.	70.	98.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/04/73-11/05/81	13	205.	214.615	374.	120.	3993.256	63.192	136.	172.5	255.5	329.6
00300	OXYGEN, DISSOLVED MG/L	02/06/73-10/08/80	12	11.	11.517	15.4	9.8	2.447	1.564	9.86	10.85	11.95	14.86
00303	BOD, 1DAY, 20 DEG C MG/L	05/19/75-11/05/81	13	1.1	1.215	2.1	0.4	0.423	0.65	0.44	0.5	1.8	2.06
00310	BOD, 5 DAY, 20 DEG C MG/L	05/30/73-11/05/81	10	3.35	3.37	5.	1.1	1.393	1.18	1.2	2.7	4.4	4.97
00315	BOD, 7 DAY, 20 DEG C MG/L	02/06/73-11/05/81	11	3.8	3.564	6.	1.8	1.485	1.218	1.82	2.7	4.	5.76
00400	PH (STANDARD UNITS)	02/06/73-10/08/80	9	8.7	8.544	9.6	7.4	0.505	0.711	7.4	7.9	9.05	9.6
00400	CONVERTED PH (STANDARD UNITS)	02/06/73-10/08/80	9	8.7	8.051	9.6	7.4	0.779	0.883	7.4	7.9	9.05	9.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/06/73-10/08/80	9	0.002	0.009	0.04	0.	0.	0.014	0.	0.001	0.016	0.04
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/30/73-11/05/81	14	8.5	8.286	16.	1.	17.451	4.177	2.5	4.75	12.	14.5
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/26/75-11/05/81	13	0.032	0.038	0.06	0.009	0.	0.018	0.013	0.02	0.056	0.059
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/26/75-11/05/81	10	0.012	0.012	0.017	0.008	0.	0.003	0.008	0.01	0.015	0.017
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/29/75-11/05/81	11	0.032	0.033	0.075	0.003	0.001	0.023	0.003	0.015	0.051	0.072
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	02/06/73-11/05/81	16	600.	5743.125	72000.	50.	314535649.583	17735.153	71.	415.	3000.	25520.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	02/06/73-11/05/81	16	2.778	2.958	4.857	1.699	0.553	0.744	1.842	2.617	3.462	4.081
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			908.683								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	02/06/73-11/05/81	17	55.	123.176	500.	0.	23112.154	152.027	4.	22.	180.	468.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	02/06/73-11/05/81	17	1.74	1.724	2.699	0.	0.477	0.691	0.559	1.341	2.253	2.67
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			52.987								

** - Less than 9 observations ## - Computed 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 #4: 7/01 to 9/19 - Station SARA0068

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/06/73-10/08/80	13	21.5	22.123	27.3	17.	13.122	3.622	17.4	18.75	25.9	26.98
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/06/73-10/08/80	13	25.	24.915	31.	12.5	24.481	4.948	15.9	23.	28.9	31.
00032	CLOUD COVER (PERCENT)	02/06/73-10/08/80	12	20.	31.667	80.	5.	737.879	27.164	5.	10.	57.5	77.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/04/73-11/05/81	15	237.	228.6	310.	140.	2016.829	44.909	146.	218.	253.	287.8
00300	OXYGEN, DISSOLVED MG/L	02/06/73-10/08/80	13	9.6	10.2	15.4	8.	4.073	2.018	8.08	8.6	11.1	14.04
00303	BOD, 1DAY, 20 DEG C MG/L	05/19/75-11/05/81	15	1.	1.36	2.9	0.1	0.824	0.908	0.34	0.5	2.	2.9
00310	BOD, 5 DAY, 20 DEG C MG/L	05/30/73-11/05/81	14	3.5	3.764	7.5	1.5	3.233	1.798	1.55	2.3	5.	6.8
00315	BOD, 7 DAY, 20 DEG C MG/L	02/06/73-11/05/81	15	4.	4.333	8.4	1.8	3.857	1.964	1.98	2.5	5.7	7.62
00400	PH (STANDARD UNITS)	02/06/73-10/08/80	13	8.5	8.623	9.5	7.9	0.21	0.459	7.94	8.3	8.9	9.38
00400	CONVERTED PH (STANDARD UNITS)	02/06/73-10/08/80	13	8.5	8.423	9.5	7.9	0.254	0.504	7.94	8.3	8.9	9.38
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/06/73-10/08/80	13	0.003	0.004	0.013	0.	0.	0.004	0.	0.001	0.005	0.012
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/30/73-11/05/81	15	11.	17.4	91.	4.	446.114	21.121	5.2	8.	17.	52.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/26/75-11/05/81	15	0.047	0.066	0.27	0.01	0.004	0.065	0.011	0.026	0.075	0.18
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/26/75-11/05/81	13	0.01	0.012	0.023	0.005	0.	0.007	0.005	0.006	0.02	0.023
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/29/75-11/05/81	11	0.01	0.021	0.075	0.005	0.001	0.023	0.005	0.006	0.033	0.07
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	02/06/73-11/05/81	15	1000.	5751.333	19000.	40.	60440069.524	7774.321	76.	200.	16000.	19000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	02/06/73-11/05/81	15	3.	3.16	4.279	1.602	0.784	0.886	1.841	2.301	4.204	4.279
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1447.025								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	02/06/73-11/05/81	17	100.	454.941	3200.	10.	783222.059	884.998	10.	41.	340.	2400.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	02/06/73-11/05/81	17	2.	2.065	3.505	1.	0.535	0.731	1.	1.56	2.531	3.375
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			116.06								

** - Less than 9 observations ## - Computed 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: SARA0069

NPS Station ID: SARA0069
LAT/LON: 42.932227/ -73.652226
Agency: 21NYDEC1
Date Created: 06/11/76
Location: HOOSIC RIVER
FIPS State/County: 36083 NEW YORK/RENSSELAER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 11 1402 /01335400USGS
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02020003
Depth of Water: 0
Aquifer:
Major Basin: UPPER HUDSON RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: NYS MILE PT.- 0.5
ECO Region:
RF1 Index: 02020003006
RF1 Mile Point: 0.010
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02020003028300.00
RF3 Mile Point: 0.00
Distance from RF3: 0.03
On/Off RF3:
Description:
LOCATION... OFF NORTH BANK OF RIVER JUST EAST OF LOCK 4 AND OPPOSITE SMALL ISLAND.
DATE ACTIVATED..... 01-01-73
DATE DEACTIVATED..... (ACTIVE)
STREAM NAME..... HOOSIC RIVER
STREAM INDEX..... H-264
STREAM CLASSIFICATION..... B
TOPO MAP NAME.. MECHANICVILLE
TOPO MAP NO... J-26-1
MILE POINT..... 0.5
GAZETTEER NO. 4161

Parameter Inventory for Station: SARA0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/06/73-10/08/80	43	14.	14.244	28.	0.2	67.716	8.229	2.	7.5	21.	25.92
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/06/73-10/08/80	43	16.4	17.063	31.	-2.5	88.081	9.385	4.9	10.	24.3	30.56
00032	CLOUD COVER (PERCENT)	02/06/73-10/08/80	44	55.	55.341	100.	5.	1056.974	32.511	10.	26.25	90.	99.
00061	FLOW, STREAM, INSTANTANEOUS CFS	02/06/73-08/21/73	6	1219.	1265.5	2440.	230.	903089.5	950.31	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	02/06/73-09/09/76	17	4.	10.194	70.	2.	271.578	16.48	2.	2.5	12.65	30.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/12/76-10/08/80	23	3.5	6.565	70.	1.	195.821	13.994	1.34	2.5	5.1	9.16
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	02/06/73-05/30/73	2	25.5	25.5	33.	18.	112.5	10.607	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/04/73-10/08/80	39	212.	212.282	374.	86.	3839.155	61.961	140.	170.	250.	310.
00300	OXYGEN, DISSOLVED MG/L	02/06/73-10/08/80	43	11.	11.442	15.4	8.	4.1	2.025	8.52	10.	13.	14.32
00303	BOD, 1DAY, 20 DEG C MG/L	05/19/75-10/08/80	35	0.7	0.951	2.9	0.05	0.585	0.765	0.05	0.5	1.6	2.04
00305	BOD, 3 DAY, 20 DEG C MG/L	05/19/75-09/11/80	14	2.75	2.779	5.6	0.9	1.463	1.21	1.35	1.8	3.375	4.9
00310	BOD, 5 DAY, 20 DEG C MG/L	05/30/73-09/11/80	30	2.75	2.777	7.5	0.2	2.912	1.706	0.51	1.475	3.85	5.18
00315	BOD, 7 DAY, 20 DEG C MG/L	02/06/73-10/08/80	35	2.7	3.12	8.4	0.8	2.904	1.704	1.18	1.8	4.	6.04
00335	COD, .025N K2CR2O7 MG/L	06/26/75-06/16/77	17	7.	8.176	13.	5.	6.529	2.555	5.	6.	10.	13.
00340	COD, .25N K2CR2O7 MG/L	06/27/78-10/08/80	18	10.5	13.667	34.	2.	86.941	9.324	2.	7.75	20.75	29.5
00400	PH (STANDARD UNITS)	02/06/73-10/08/80	43	8.5	8.393	9.6	7.2	0.366	0.605	7.54	8.	8.8	9.16
00400	CONVERTED PH (STANDARD UNITS)	02/06/73-10/08/80	43	8.5	8.02	9.6	7.2	0.508	0.713	7.54	8.	8.8	9.16
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/06/73-10/08/80	43	0.003	0.01	0.063	0.	0.	0.013	0.001	0.002	0.01	0.029
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/27/78-10/08/80	19	92.	87.526	121.	42.	462.374	21.503	56.	73.	100.	118.
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	10/29/75-05/26/77	11	71.	74.455	130.	52.	410.873	20.27	53.2	64.	78.	120.
00436	ACIDITY, MINERAL (METHYL ORANGE) (MG/L AS CACO3)	07/26/78-07/26/78	1	110.	110.	110.	110.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/30/73-10/08/80	36	10.	16.347	106.	0.5	627.597	25.052	2.7	4.25	14.5	45.5
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/26/75-09/11/80	22	5.	8.909	97.	1.	395.134	19.878	1.	2.	7.25	9.7
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	06/26/75-09/11/80	33	4.	10.167	84.	0.5	381.807	19.54	0.7	2.	8.5	18.4

** - 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: SARA0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	10/29/75-09/09/76	10	0.25	0.275	0.56	0.16	0.015	0.124	0.16	0.168	0.34	0.538
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/26/75-10/08/80	37	0.039	0.054	0.27	0.009	0.003	0.052	0.012	0.02	0.06	0.126
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/26/75-10/08/80	28	0.01	0.011	0.023	0.004	0.	0.005	0.005	0.008	0.015	0.019
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/26/75-09/09/76	15	0.46	0.457	0.7	0.1	0.042	0.205	0.1	0.38	0.64	0.67
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/26/75-10/08/80	24	0.435	0.486	0.95	0.18	0.055	0.235	0.205	0.303	0.69	0.87
00629	NITROGEN, ORGANIC KJELDAHL, TOTAL (MG/L AS N)	09/09/76-09/09/76	1	0.36	0.36	0.36	0.36	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/26/77-10/08/80	20	0.22	0.33	0.81	0.1	0.041	0.203	0.1	0.2	0.475	0.669
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	06/26/75-09/09/76	15	0.25	0.255	0.43	0.03	0.014	0.117	0.084	0.18	0.31	0.43
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/29/75-10/08/80	29	0.02	0.037	0.16	0.001	0.002	0.04	0.005	0.005	0.055	0.11
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/13/74-09/30/74	6	91.5	87.167	102.	56.	302.567	17.394	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/26/75-10/08/80	37	11.	12.568	72.	4.	119.752	10.943	6.	7.	14.5	18.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	02/06/73-10/08/80	52	1000.	4741.923	72000.	40.	118814996.229	10900.229	80.	300.	4650.	17400.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	02/06/73-10/08/80	52	3.	3.043	4.857	1.602	0.621	0.788	1.903	2.477	3.667	4.24
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1103.193								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	10/29/75-10/08/80	32	100.	398.813	3200.	5.	682822.48	826.331	12.4	26.5	272.5	1686.
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	10/29/75-10/08/80	32	2.	2.031	3.505	0.699	0.494	0.703	1.077	1.407	2.435	3.183
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			107.504								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/06/73-09/10/75	14	80.	289.643	2200.	0.	333817.17	577.769	2.5	10.	320.	1365.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/06/73-09/10/75	14	1.889	1.773	3.342	0.	0.838	0.915	0.349	1.	2.486	3.033
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			59.27								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	02/06/73-05/30/73	2	178.	178.	320.	36.	40328.	200.818	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	02/06/73-05/30/73	2	2.031	2.031	2.505	1.556	0.45	0.671	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			107.331								
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	02/06/73-05/30/73	2	2150.	2150.	3000.	1300.	1445000.	1202.082	**	**	**	**
31751	LOG PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	02/06/73-05/30/73	2	3.296	3.296	3.477	3.114	0.066	0.257	**	**	**	**
31751	GM PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	GEOMETRIC MEAN =			1974.842								
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	05/26/77-10/08/80	21	0.11	0.203	2.3	0.02	0.233	0.483	0.03	0.055	0.14	0.188

** - Less 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: SARA0069

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/20-2/29 Obs	9/20-2/29 Exceed	9/20-2/29 Prop.	3/01-4/30 Obs	3/01-4/30 Exceed	3/01-4/30 Prop.	5/01-6/30 Obs	5/01-6/30 Exceed	5/01-6/30 Prop.	7/01-9/19 Obs	7/01-9/19 Exceed	7/01-9/19 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	17	1	0.06	5	0	0.00	2	0	0.00	5	0	0.00	5	1	0.20
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	23	1	0.04	5	0	0.00	1	0	0.00	8	0	0.00	9	1	0.11
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	43	0	0.00	12	0	0.00	6	0	0.00	12	0	0.00	13	0	0.00
00400	PH	Other-Hi Lim.	9.	43	8	0.19	15	2	0.13	6	0	0.00	9	3	0.33	13	3	0.23
		Other-Lo Lim.	6.5	43	0	0.00	15	0	0.00	6	0	0.00	9	0	0.00	13	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	28	0	0.00	7	0	0.00	3	0	0.00	8	0	0.00	10	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	15	0	0.00	4	0	0.00	2	0	0.00	3	0	0.00	6	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	20	0	0.00	5	0	0.00	1	0	0.00	7	0	0.00	7	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	37	0	0.00	10	0	0.00	3	0	0.00	11	0	0.00	13	0	0.00
		Drinking Water	250.	37	0	0.00	10	0	0.00	3	0	0.00	11	0	0.00	13	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	52	27	0.52	15	7	0.47	6	4	0.67	16	7	0.44	15	9	0.60
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	32	13	0.41	9	5	0.56	2	0	0.00	11	4	0.36	10	4	0.40
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	14	5	0.36	2	1	0.50	2	1	0.50	5	1	0.20	5	2	0.40

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

Seasonal Analysis for Season #1: 9/20 to 2/29 - Station SARA0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/06/73-10/08/80	14	7.35	7.3	14.	0.2	24.828	4.983	0.2	2.75	12.	13.95
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/06/73-10/08/80	14	3.85	7.336	16.	-2.5	39.444	6.28	2.75	4.375	13.9	16.
00032	CLOUD COVER (PERCENT)	02/06/73-10/08/80	15	90.	76.333	99.	20.	732.381	27.063	29.	50.	99.	99.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/04/73-10/08/80	11	187.	212.727	320.	98.	4824.618	69.459	110.8	162.	262.	319.8
00300	OXYGEN, DISSOLVED MG/L	02/06/73-10/08/80	12	12.4	11.933	14.6	8.	4.832	2.198	8.48	10.05	14.1	14.54
00310	BOD, 5 DAY, 20 DEG C MG/L	05/30/73-09/11/80	8	1.45	1.863	5.2	0.2	2.874	1.695	**	**	**	**
00315	BOD, 7 DAY, 20 DEG C MG/L	02/06/73-10/08/80	10	1.9	2.26	6.2	0.8	2.436	1.561	0.82	1.225	2.85	5.88
00400	PH (STANDARD UNITS)	02/06/73-10/08/80	15	8.2	8.22	9.5	7.2	0.36	0.6	7.32	7.9	8.5	9.26
00400	CONVERTED PH (STANDARD UNITS)	02/06/73-10/08/80	15	8.2	7.889	9.5	7.2	0.478	0.691	7.32	7.9	8.5	9.26
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/06/73-10/08/80	15	0.006	0.013	0.063	0.	0.	0.017	0.001	0.003	0.013	0.049
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	02/06/73-10/08/80	15	630.	1809.333	7800.	50.	6285420.952	2507.074	50.	250.	2000.	6900.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	02/06/73-10/08/80	15	2.799	2.807	3.892	1.699	0.511	0.715	1.699	2.398	3.301	3.836
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			640.947								

** - Less than 9 observations ## - Computed 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: 3/01 to 4/30 - Station SARA0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/06/73-10/08/80	5	7.	5.18	9.	0.3	14.422	3.798	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/06/73-10/08/80	4	13.8	13.65	17.	10.	9.323	3.053	**	**	**	**
00032	CLOUD COVER (PERCENT)	02/06/73-10/08/80	6	35.	45.	95.	5.	1520.	38.987	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/04/73-10/08/80	4	193.5	175.75	230.	86.	3904.25	62.484	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	02/06/73-10/08/80	6	13.1	13.	14.2	11.4	1.136	1.066	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	05/30/73-09/11/80	2 ##	0.95	0.95	1.4	0.5	0.405	0.636	**	**	**	**
00315	BOD, 7 DAY, 20 DEG C MG/L	02/06/73-10/08/80	2	1.25	1.25	1.5	1.	0.125	0.354	**	**	**	**
00400	PH (STANDARD UNITS)	02/06/73-10/08/80	6	7.9	8.1	8.9	7.5	0.38	0.616	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/06/73-10/08/80	6	7.855	7.836	8.9	7.5	0.463	0.681	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/06/73-10/08/80	6	0.014	0.015	0.032	0.001	0.	0.013	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	02/06/73-10/08/80	6	3250.	3523.333	9000.	140.	10599266.667	3255.651	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	02/06/73-10/08/80	6	3.492	3.269	3.954	2.146	0.443	0.665	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1856.156								

** - 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

Seasonal Analysis for Season #3: 5/01 to 6/30 - Station SARA0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/06/73-10/08/80	11	17.1	17.891	28.	10.7	26.697	5.167	11.16	13.	22.	27.2
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/06/73-10/08/80	12	23.25	21.042	31.	10.	45.644	6.756	10.51	16.1	25.5	30.67
00032	CLOUD COVER (PERCENT)	02/06/73-10/08/80	11	60.	58.182	100.	25.	541.364	23.267	27.	40.	70.	98.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/04/73-10/08/80	11	205.	213.909	374.	120.	4409.891	66.407	128.	170.	249.	351.8
00300	OXYGEN, DISSOLVED MG/L	02/06/73-10/08/80	12	11.	11.517	15.4	9.8	2.447	1.564	9.86	10.85	11.95	14.86
00310	BOD, 5 DAY, 20 DEG C MG/L	05/30/73-09/11/80	9	3.3	3.267	5.	1.1	1.448	1.203	1.1	2.5	4.25	5.
00315	BOD, 7 DAY, 20 DEG C MG/L	02/06/73-10/08/80	10	3.55	3.52	6.	1.8	1.253	1.119	1.89	2.7	3.925	5.8
00400	PH (STANDARD UNITS)	02/06/73-10/08/80	9	8.7	8.544	9.6	7.4	0.505	0.711	7.4	7.9	9.05	9.6
00400	CONVERTED PH (STANDARD UNITS)	02/06/73-10/08/80	9	8.7	8.051	9.6	7.4	0.779	0.883	7.4	7.9	9.05	9.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/06/73-10/08/80	9	0.002	0.009	0.04	0.	0.	0.014	0.	0.001	0.016	0.04
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	02/06/73-10/08/80	16	750.	6064.375	72000.	50.	312566172.917	17679.541	71.	425.	3400.	25520.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	02/06/73-10/08/80	16	2.866	3.026	4.857	1.699	0.584	0.764	1.842	2.626	3.531	4.081
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1062.311								

** - Less than 9 observations ## - Computed 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 #4: 7/01 to 9/19 - Station SARA0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/06/73-10/08/80	13	21.5	22.123	27.3	17.	13.122	3.622	17.4	18.75	25.9	26.98
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/06/73-10/08/80	13	25.	24.915	31.	12.5	24.481	4.948	15.9	23.	28.9	31.
00032	CLOUD COVER (PERCENT)	02/06/73-10/08/80	12	20.	31.667	80.	5.	737.879	27.164	5.	10.	57.5	77.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/04/73-10/08/80	13	240.	221.769	310.	140.	2940.859	54.23	140.	162.	256.5	295.2
00300	OXYGEN, DISSOLVED MG/L	02/06/73-10/08/80	13	9.6	10.2	15.4	8.	4.073	2.018	8.08	8.6	11.1	14.04
00310	BOD, 5 DAY, 20 DEG C MG/L	05/30/73-09/11/80	11	3.	3.373	7.5	1.5	3.29	1.814	1.52	2.	4.4	7.06
00315	BOD, 7 DAY, 20 DEG C MG/L	02/06/73-10/08/80	13	3.5	3.762	8.4	1.8	3.673	1.916	1.92	2.25	4.7	7.48
00400	PH (STANDARD UNITS)	02/06/73-10/08/80	13	8.5	8.623	9.5	7.9	0.21	0.459	7.94	8.3	8.9	9.38
00400	CONVERTED PH (STANDARD UNITS)	02/06/73-10/08/80	13	8.5	8.423	9.5	7.9	0.254	0.504	7.94	8.3	8.9	9.38
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/06/73-10/08/80	13	0.003	0.004	0.013	0.	0.	0.004	0.	0.001	0.005	0.012
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	02/06/73-10/08/80	15	1000.	6751.333	19000.	40.	71687212.381	8466.83	76.	200.	18000.	19000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	02/06/73-10/08/80	15	3.	3.206	4.279	1.602	0.857	0.926	1.841	2.301	4.255	4.279
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1605.421								

EPA Water Quality Criteria Analysis for Entire SARA Study Area

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/20-2/29 Obs	9/20-2/29 Exceed	9/20-2/29 Prop.	3/01-4/30 Obs	3/01-4/30 Exceed	3/01-4/30 Prop.	5/01-6/30 Obs	5/01-6/30 Exceed	5/01-6/30 Prop.	7/01-9/19 Obs	7/01-9/19 Exceed	7/01-9/19 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	911	4	0.00	355	2	0.01	164	0	0.00	166	0	0.00	226	2	0.01
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	488	4	0.01	125	2	0.02	81	0	0.00	134	0	0.00	148	2	0.01
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	207	6	0.03	10	0	0.00				53	1	0.02	144	5	0.03
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1394	18	0.01	489	2	0.00	255	0	0.00	293	0	0.00	357	16	0.04
00400	PH	Other-Hi Lim.	9.	1732	17	0.01	629	4	0.01	315	0	0.00	333	7	0.02	455	6	0.01
		Other-Lo Lim.	6.5	1732	117	0.07	629	54	0.09	315	17	0.05	333	14	0.04	455	32	0.07
00403	PH, LAB	Other-Hi Lim.	9.	327	2	0.01	23	0	0.00	6	0	0.00	115	1	0.01	183	1	0.01
		Other-Lo Lim.	6.5	327	2	0.01	23	2	0.09	6	0	0.00	115	0	0.00	183	0	0.00
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	120	0	0.00	45	0	0.00	18	0	0.00	19	0	0.00	38	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1140 &	4	0.00	379	2	0.01	213	2	0.01	244	0	0.00	304	0	0.00
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	120	0	0.00	45	0	0.00	18	0	0.00	19	0	0.00	38	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	718	0	0.00	271	0	0.00	138	0	0.00	130	0	0.00	179	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	811	0	0.00	222	0	0.00	171	0	0.00	192	0	0.00	226	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	24	0	0.00							9	0	0.00	15	0	0.00
00720	CYANIDE, TOTAL	Fresh Acute	0.022	23	0	0.00	10	0	0.00	4	0	0.00	5	0	0.00	4	0	0.00
		Drinking Water	0.2	23	0	0.00	10	0	0.00	4	0	0.00	5	0	0.00	4	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1024	0	0.00	352	0	0.00	191	0	0.00	216	0	0.00	265	0	0.00
		Drinking Water	250.	1024	0	0.00	352	0	0.00	191	0	0.00	216	0	0.00	265	0	0.00
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	430	0	0.00	148	0	0.00	70	0	0.00	97	0	0.00	115	0	0.00
		Drinking Water	250.	430	0	0.00	148	0	0.00	70	0	0.00	97	0	0.00	115	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	864	0	0.00	342	0	0.00	169	0	0.00	156	0	0.00	197	0	0.00
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	286	0	0.00	113	0	0.00	59	0	0.00	51	0	0.00	63	0	0.00
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	289	0	0.00	92	0	0.00	56	0	0.00	71	0	0.00	70	0	0.00
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Fresh Acute	360.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS	Fresh Acute	130.	1	0	0.00										1	0	0.00
		Drinking Water	4.	0 &	0	0.00												
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	16	0	0.00	7	0	0.00	3	0	0.00	4	0	0.00	2	0	0.00
		Drinking Water	50.	16	0	0.00	7	0	0.00	3	0	0.00	4	0	0.00	2	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	87	0	0.00	29	0	0.00	15	0	0.00	16	0	0.00	27	0	0.00
		Drinking Water	50.	87	0	0.00	29	0	0.00	15	0	0.00	16	0	0.00	27	0	0.00
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	54	0	0.00	26	0	0.00	9	0	0.00	4	0	0.00	15	0	0.00
		Drinking Water	4.	20 &	0	0.00	6	0	0.00	3	0	0.00	3	0	0.00	8	0	0.00
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	21	0	0.00	9	0	0.00	7	0	0.00	2	0	0.00	3	0	0.00
		Drinking Water	5.	21	0	0.00	9	0	0.00	7	0	0.00	2	0	0.00	3	0	0.00
01027	CADMIUM, TOTAL	Fresh Acute	3.9	95 &	5	0.05	43	3	0.07	22	0	0.00	13	1	0.08	17	1	0.06
		Drinking Water	5.	95 &	5	0.05	43	3	0.07	22	0	0.00	13	1	0.08	17	1	0.06
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	13	1	0.08	7	1	0.14	2	0	0.00	2	0	0.00	2	0	0.00
		Drinking Water	100.	13	0	0.00	7	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	70	0	0.00	33	0	0.00	13	0	0.00	7	0	0.00	17	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	29	0	0.00	10	0	0.00	11	0	0.00	4	0	0.00	4	0	0.00
		Drinking Water	1300.	29	0	0.00	10	0	0.00	11	0	0.00	4	0	0.00	4	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	152 &	14	0.09	59	5	0.08	29	2	0.07	31	1	0.03	33	6	0.18
		Drinking Water	1300.	161	0	0.00	63	0	0.00	29	0	0.00	32	0	0.00	37	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	19	0	0.00	6	0	0.00	8	0	0.00	2	0	0.00	3	0	0.00
		Drinking Water	15.	19	0	0.00	6	0	0.00	8	0	0.00	2	0	0.00	3	0	0.00
01051	LEAD, TOTAL	Fresh Acute	82.	379	2	0.01	91	1	0.01	106	1	0.01	70	0	0.00	112	0	0.00
		Drinking Water	15.	376 &	60	0.16	91	18	0.20	103	20	0.19	70	7	0.10	112	15	0.13
01059	THALLIUM, TOTAL	Fresh Acute	1400.	27	0	0.00	10	0	0.00	3	0	0.00	4	0	0.00	10	0	0.00
		Drinking Water	2.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	22	0	0.00	8	0	0.00	8	0	0.00	3	0	0.00	3	0	0.00
		Drinking Water	100.	22	0	0.00	8	0	0.00	8	0	0.00	3	0	0.00	3	0	0.00
01067	NICKEL, TOTAL	Fresh Acute	1400.	94	0	0.00	38	0	0.00	18	0	0.00	18	0	0.00	20	0	0.00
		Drinking Water	100.	94	0	0.00	38	0	0.00	18	0	0.00	18	0	0.00	20	0	0.00
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Fresh Acute	1400.	39	0	0.00	11	0	0.00	15	0	0.00	7	0	0.00	6	0	0.00
		Drinking Water	100.	39	0	0.00	11	0	0.00	15	0	0.00	7	0	0.00	6	0	0.00
01077	SILVER, TOTAL	Fresh Acute	4.1	47 &	0	0.00	22	0	0.00	9	0	0.00	5	0	0.00	11	0	0.00
		Drinking Water	100.	56	0	0.00	26	0	0.00	9	0	0.00	6	0	0.00	15	0	0.00
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	100.	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 SARA Study Area

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/20-2/29 Obs	9/20-2/29 Exceed	9/20-2/29 Prop.	3/01-4/30 Obs	3/01-4/30 Exceed	3/01-4/30 Prop.	5/01-6/30 Obs	5/01-6/30 Exceed	5/01-6/30 Prop.	7/01-9/19 Obs	7/01-9/19 Exceed	7/01-9/19 Prop.
01090	ZINC, DISSOLVED	Fresh Acute	120.	24	0	0.00	9	0	0.00	7	0	0.00	4	0	0.00	4	0	0.00
		Drinking Water	5000.	24	0	0.00	9	0	0.00	7	0	0.00	4	0	0.00	4	0	0.00
01092	ZINC, TOTAL	Fresh Acute	120.	115	0	0.00	47	0	0.00	25	0	0.00	20	0	0.00	23	0	0.00
		Drinking Water	5000.	115	0	0.00	47	0	0.00	25	0	0.00	20	0	0.00	23	0	0.00
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Fresh Acute	120.	33	0	0.00	10	0	0.00	7	0	0.00	7	0	0.00	9	0	0.00
		Drinking Water	5000.	33	0	0.00	10	0	0.00	7	0	0.00	7	0	0.00	9	0	0.00
01097	ANTIMONY, TOTAL	Fresh Acute	88.	18 &	0	0.00	6	0	0.00	3	0	0.00	3	0	0.00	6	0	0.00
		Drinking Water	6.	18 &	0	0.00	6	0	0.00	3	0	0.00	3	0	0.00	6	0	0.00
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Fresh Acute	3.9	15 &	7	0.47	1	0	0.00	4	0	0.00	4	1	0.25	6	6	1.00
		Drinking Water	5.	15 &	7	0.47	1	0	0.00	4	0	0.00	4	1	0.25	6	6	1.00
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Fresh Acute	82.	15	0	0.00	1	0	0.00	4	0	0.00	6	0	0.00	4	0	0.00
		Drinking Water	15.	12 &	3	0.25	1	0	0.00	1	0	0.00	6	1	0.17	4	2	0.50
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS C	Drinking Water	100.	1	0	0.00										1	0	0.00
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Fresh Acute	18.	46 &	4	0.09	14	0	0.00	15	1	0.07	12	0	0.00	5	3	0.60
		Drinking Water	1300.	47	0	0.00	14	0	0.00	15	0	0.00	12	0	0.00	6	0	0.00
01147	SELENIUM, TOTAL	Fresh Acute	20.	30	0	0.00	11	0	0.00	5	0	0.00	4	0	0.00	10	0	0.00
		Drinking Water	50.	30	0	0.00	11	0	0.00	5	0	0.00	4	0	0.00	10	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1182	990	0.84	392	340	0.87	198	157	0.79	279	219	0.78	313	274	0.88
31503	COLIFORM,TOT,MEMBRANE FILTR,DELAY. M-END	Other-Hi Lim.	1000.	213	155	0.73	87	70	0.80	38	19	0.50	43	28	0.65	45	38	0.84
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	39	36	0.92	15	13	0.87	9	8	0.89	3	3	1.00	12	12	1.00
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	39	36	0.92	15	13	0.87	9	8	0.89	3	3	1.00	12	12	1.00
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	776	568	0.73	228	193	0.85	114	80	0.70	202	142	0.70	232	153	0.66
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	237	169	0.71	66	58	0.88	36	26	0.72	54	30	0.56	81	55	0.68
32101	BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	61	0	0.00	20	0	0.00	11	0	0.00	16	0	0.00	14	0	0.00
32102	CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	61	0	0.00	20	0	0.00	11	0	0.00	16	0	0.00	14	0	0.00
		Drinking Water	5.	61	0	0.00	20	0	0.00	11	0	0.00	16	0	0.00	14	0	0.00
32104	BROMOFORM, WHOLE WATER	Drinking Water	100.	62	0	0.00	20	0	0.00	11	0	0.00	17	0	0.00	14	0	0.00
32105	DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	61	0	0.00	20	0	0.00	11	0	0.00	16	0	0.00	14	0	0.00
32106	CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	66	0	0.00	24	0	0.00	11	0	0.00	16	0	0.00	15	0	0.00
		Drinking Water	100.	66	0	0.00	24	0	0.00	11	0	0.00	16	0	0.00	15	0	0.00
34205	ACENAPHTHENE, TOTAL	Fresh Acute	1700.	1	0	0.00	1	0	0.00									
34301	CHLOROBENZENE, TOTAL	Drinking Water	100.	61	0	0.00	20	0	0.00	11	0	0.00	16	0	0.00	14	0	0.00
34346	1,2-DIPHENYLHYDRAZINE, TOTAL	Fresh Acute	270.	1	0	0.00	1	0	0.00									
34356	ENDOSULFAN, BETA, TOTAL	Fresh Acute	0.22	0 &	0	0.00												
34361	ENDOSULFAN, ALPHA, TOTAL	Fresh Acute	0.22	0 &	0	0.00												
34376	FLUORANTHENE, TOTAL	Fresh Acute	3980.	1	0	0.00	1	0	0.00									
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL	Fresh Acute	7.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
34391	HEXACHLOROBUTADIENE, TOTAL	Fresh Acute	90.	1	0	0.00	1	0	0.00									
34392	HEXACHLOROBUTADIENE, DISSOLVED	Fresh Acute	90.	1	0	0.00	1	0	0.00									
34396	HEXACHLOROETHANE, TOTAL	Fresh Acute	980.	1	0	0.00	1	0	0.00									
34403	IDENO (1,2,3-CD) PYRENE	Drinking Water	0.4	0 &	0	0.00												
34408	ISOPHORONE, TOTAL	Fresh Acute	117000.	1	0	0.00	1	0	0.00									
34423	METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	65	1	0.02	20	1	0.05	13	0	0.00	16	0	0.00	16	0	0.00
34447	NITROBENZENE, TOTAL	Fresh Acute	27000.	1	0	0.00	1	0	0.00									
34452	PARACHLOROMETA CRESOL, TOTAL	Fresh Acute	30.	1	0	0.00	1	0	0.00									
34459	PCP (PENTACHLOROPHENOL), DISSOLVED	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	1.	0 &	0	0.00												
34461	PHENANTHRENE, TOTAL	Fresh Acute	30.	1	0	0.00	1	0	0.00									
34475	TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	62	0	0.00	21	0	0.00	11	0	0.00	16	0	0.00	14	0	0.00
		Drinking Water	5.	62	0	0.00	21	0	0.00	11	0	0.00	16	0	0.00	14	0	0.00
34501	1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	61	0	0.00	20	0	0.00	11	0	0.00	16	0	0.00	14	0	0.00
34506	1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	61	0	0.00	20	0	0.00	11	0	0.00	16	0	0.00	14	0	0.00
34511	1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	61	0	0.00	20	0	0.00	11	0	0.00	16	0	0.00	14	0	0.00
34531	1,2-DICHLOROETHANE, TOTAL	Fresh Acute	118000.	61	0	0.00	20	0	0.00	11	0	0.00	16	0	0.00	14	0	0.00
		Drinking Water	5.	61	0	0.00	20	0	0.00	11	0	0.00	16	0	0.00	14	0	0.00
34536	1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	62	0	0.00	21	0	0.00	11	0	0.00	16	0	0.00	14	0	0.00
34541	1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	61	0	0.00	20	0	0.00	11	0	0.00	16	0	0.00	14	0	0.00
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	61	0	0.00	20	0	0.00	11	0	0.00	16	0	0.00	14	0	0.00
34551	1,2,4-TRICHLOROBENZENE, TOTAL	Drinking Water	70.	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 SARA Study Area

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/20-2/29 Obs	9/20-2/29 Exceed	9/20-2/29 Prop.	3/01-4/30 Obs	3/01-4/30 Exceed	3/01-4/30 Prop.	5/01-6/30 Obs	5/01-6/30 Exceed	5/01-6/30 Prop.	7/01-9/19 Obs	7/01-9/19 Exceed	7/01-9/19 Prop.
34566	1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	63	0	0.00	21	0	0.00	11	0	0.00	16	0	0.00	15	0	0.00
34571	1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	62	0	0.00	21	0	0.00	11	0	0.00	16	0	0.00	14	0	0.00
34586	2-CHLOROPHENOL, TOTAL	Fresh Acute	4380.	1	0	0.00	1	0	0.00									
34601	2,4-DICHLOROPHENOL, TOTAL	Fresh Acute	2020.	1	0	0.00	1	0	0.00									
34606	2,4-DIMETHYLPHENOL, TOTAL	Fresh Acute	2120.	1	0	0.00	1	0	0.00									
34611	2,4-DINITROTOLUENE, TOTAL	Fresh Acute	330.	1	0	0.00	1	0	0.00									
34694	PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	Fresh Acute	10200.	10	0	0.00	3	0	0.00	3	0	0.00	3	0	0.00	1	0	0.00
34696	NAPHTHALENE, TOTAL	Fresh Acute	2300.	1	0	0.00	1	0	0.00									
39055	SIMAZINE IN WHOLE WATER	Drinking Water	4.	1	0	0.00										1	0	0.00
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	Fresh Acute	2000.	1	0	0.00	1	0	0.00									
		Drinking Water	6.	1	0	0.00	1	0	0.00									
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	61	0	0.00	20	0	0.00	11	0	0.00	16	0	0.00	14	0	0.00
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	61	0	0.00	20	0	0.00	11	0	0.00	16	0	0.00	14	0	0.00
		Drinking Water	5.	61	0	0.00	20	0	0.00	11	0	0.00	16	0	0.00	14	0	0.00
39300	P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	1 &	0	0.00										1	0	0.00
39310	P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	0 &	0	0.00												
39320	P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	1	0	0.00	1	0	0.00									
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	243 &	0	0.00	34	0	0.00	83	0	0.00	42	0	0.00	84	0	0.00
39331	ALDRIN IN FILT. FRAC. OF WAT. SAMP.	Fresh Acute	3.	6	0	0.00				2	0	0.00				4	0	0.00
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	199 &	0	0.00	31	0	0.00	83	0	0.00	38	0	0.00	47	0	0.00
		Drinking Water	0.2	199 &	0	0.00	31	0	0.00	83	0	0.00	38	0	0.00	47	0	0.00
39341	GAMMA-BHC(LINDANE), DISSOLVED	Fresh Acute	2.	1	0	0.00										1	0	0.00
		Drinking Water	0.2	1	0	0.00										1	0	0.00
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	199	0	0.00	31	0	0.00	83	0	0.00	38	0	0.00	47	0	0.00
		Drinking Water	2.	199	0	0.00	31	0	0.00	83	0	0.00	38	0	0.00	47	0	0.00
39352	CHLORDANE(TECH MIX & METABS), DISSOLVED	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	199	0	0.00	31	0	0.00	83	0	0.00	38	0	0.00	47	0	0.00
39361	DDD IN FILT. FRAC. OF WATER SMAPLE	Fresh Acute	0.6	1	0	0.00										1	0	0.00
39365	DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	199	0	0.00	31	0	0.00	83	0	0.00	38	0	0.00	47	0	0.00
39366	DDE IN FILT. FRAC. OF WATER SAMPLE	Fresh Acute	1050.	1	0	0.00										1	0	0.00
39370	DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	199	0	0.00	31	0	0.00	83	0	0.00	38	0	0.00	47	0	0.00
39371	DDT IN FILT. FRAC. OF WATER SAMPLE	Fresh Acute	1.1	1	0	0.00										1	0	0.00
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	199 &	0	0.00	31	0	0.00	83	0	0.00	38	0	0.00	47	0	0.00
39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE	Fresh Acute	2.5	1	0	0.00										1	0	0.00
39388	ENDOSULFAN IN WHOLE WATER SAMPLE	Fresh Acute	0.22	95	0	0.00	12	0	0.00	33	0	0.00	25	0	0.00	25	0	0.00
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	199 &	0	0.00	31	0	0.00	83	0	0.00	38	0	0.00	47	0	0.00
		Drinking Water	2.	199 &	0	0.00	31	0	0.00	83	0	0.00	38	0	0.00	47	0	0.00
39391	ENDRIN IN FILT. FRAC. OF 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
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	199	0	0.00	31	0	0.00	83	0	0.00	38	0	0.00	47	0	0.00
		Drinking Water	3.	199	0	0.00	31	0	0.00	83	0	0.00	38	0	0.00	47	0	0.00
39401	TOXAPHENE IN FILT. FRAC. OF WATER SAMPLE	Fresh Acute	0.73	1	0	0.00										1	0	0.00
		Drinking Water	3.	1	0	0.00										1	0	0.00
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	199 &	0	0.00	31	0	0.00	83	0	0.00	38	0	0.00	47	0	0.00
		Drinking Water	0.4	199 &	0	0.00	31	0	0.00	83	0	0.00	38	0	0.00	47	0	0.00
39411	HEPTACHLOR IN FILT. FRAC. OF WATER SAMPL	Fresh Acute	0.52	1	0	0.00										1	0	0.00
		Drinking Water	0.4	1	0	0.00										1	0	0.00
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	199 &	0	0.00	31	0	0.00	83	0	0.00	38	0	0.00	47	0	0.00
		Drinking Water	0.2	199 &	0	0.00	31	0	0.00	83	0	0.00	38	0	0.00	47	0	0.00
39421	HEPTACHLOR EPOXIDE IN FILT. FRAC. WATER	Fresh Acute	0.52	1	0	0.00										1	0	0.00
		Drinking Water	0.2	1	0	0.00										1	0	0.00
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE	Drinking Water	3.	1	0	0.00										1	0	0.00
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	1	0	0.00	1	0	0.00									
		Drinking Water	1.	0 &	0	0.00												
39782	LINDANE IN WHOLE WATER SAMPLE	Fresh Acute	2.	0 &	0	0.00												
		Drinking Water	0.2	0 &	0	0.00												
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	235	0	0.00	88	0	0.00	41	0	0.00	45	0	0.00	61	0	0.00
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	233	0	0.00	86	0	0.00	41	0	0.00	45	0	0.00	61	0	0.00
71890	MERCURY, DISSOLVED	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

EPA Water Quality Criteria Analysis for Entire SARA Study Area

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------9/20-2/29---------- Obs	Exceed	Prop.	----------3/01-4/30---------- Obs	Exceed	Prop.	----------5/01-6/30---------- Obs	Exceed	Prop.	----------7/01-9/19---------- Obs	Exceed	Prop.
71900	MERCURY, TOTAL	Fresh Acute	2.4	164	13	0.08	65	2	0.03	27	0	0.00	31	4	0.13	41	7	0.17
		Drinking Water	2.	164	15	0.09	65	3	0.05	27	0	0.00	31	4	0.13	41	8	0.20
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	98	0	0.00	31	0	0.00	19	0	0.00	24	0	0.00	24	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

No STORET Data Within the SARA Study Area Exist for These Groups:

Chlorophyll*

*Not A Priority Parameter

NPS Servicewide Inventory and Monitoring Program Level I

Water Quality Parameter Inventory Data Evaluation and Analysis:

Present Level I Groups

STORET Data Within the SARA Study Area Exist for These Groups:

Alkalinity		Total Obs.	01/01/85 to 05/09/94	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	783	32	438	313	21
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	152	0	0	152	6
00440	BICARBONATE ION (MG/L AS HCO3)	339	0	27	312	9
00445	CARBONATE ION (MG/L AS CO3)	290	0	1	289	9
		1564	32	466	1066	45 (23)[1]

pH		Total Obs.	01/01/85 to 05/09/94	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00400	PH (STANDARD UNITS)	1732	196	518	1018	32
00403	PH, LAB (STANDARD UNITS)	327	322	5	0	19
		2059	518	523	1018	51 (44)[1]

Conductivity		Total Obs.	01/01/85 to 05/09/94	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	336	336	0	0	14
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	1902	161	934	807	28
00480	SALINITY - PARTS PER THOUSAND	340	340	0	0	14
		2578	837	934	807	56 (42)[1]

Dissolved Oxygen		Total Obs.	01/01/85 to 05/09/94	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE (MG/L)	207	207	0	0	12
00300	OXYGEN, DISSOLVED (MG/L)	1402	157	429	816	25
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION	1	0	1	0	1
		1610	364	430	816	38 (37)[1]

Water Temperature		Total Obs.	01/01/85 to 05/09/94	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	1774	535	451	788	41
		1774	535	451	788	41 (41)[1]

Flow		Total Obs.	01/01/85 to 05/09/94	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00060	FLOW, STREAM, MEAN DAILY CFS	36	10	0	26	5
00061	FLOW, STREAM, INSTANTANEOUS CFS	1464	450	880	134	14
00065	STAGE, STREAM (FEET)	89	6	82	1	4
74069	FLOW, ESTIMATED STREAM, CFS	46	46	0	0	3
		1635	512	962	161	26 (20)[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.

Clarity/Turbidity		Total Obs.	01/01/85 to 05/09/94	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00070	TURBIDITY, (JACKSON CANDLE UNITS)	911	0	136	775	23
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	488	108	380	0	13
00077	TRANSPARENCY, SECCHI DISC (INCHES)	1	0	0	1	1
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	1725	107	918	700	24
82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	98	38	60	0	8
		3223	253	1494	1476	69 (29)[!]

Nitrate/Nitrogen		Total Obs.	01/01/85 to 05/09/94	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00600	NITROGEN, TOTAL (MG/L AS N)	311	0	172	139	8
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	898	0	107	791	19
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	120	0	0	120	6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	1298	148	581	569	25
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	120	0	0	120	6
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	718	5	141	572	27
00625	NITROGEN, KJELDAHL, TOTAL (MG/L AS N)	692	102	497	93	23
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	813	148	588	77	22
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	24	0	0	24	6
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	233	0	0	233	6
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	235	0	0	235	8
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	233	0	0	233	6
		5695	403	2086	3206	162 (33)[!]

Phosphate/Phosphorus		Total Obs.	01/01/85 to 05/09/94	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	177	0	114	63	14
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	557	0	0	557	14
00665	PHOSPHORUS, TOTAL (MG/L AS P)	443	38	172	233	9
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	754	148	490	116	22
70505	PHOSPHORUS, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	559	115	444	0	18
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	71	0	27	44	7
		2561	301	1247	1013	84 (31)[!]

Sulfates/Total Dissolved Solids/Hardness		Total Obs.	01/01/85 to 05/09/94	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00900	HARDNESS, TOTAL (MG/L AS CACO3)	905	90	7	808	28
00945	SULFATE, TOTAL (MG/L AS SO4)	864	36	30	798	23
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), (MG/L)	183	75	3	105	11
		1952	201	40	1711	62 (29)[!]

Bacteria		Total Obs.	01/01/85 to 05/09/94	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
31501	COLIFORM, TOT, MEMBRANE FILTER,IMMED.M-ENDOMED,35C	1190	110	567	513	20
31503	COLIFORM, TOT, MEMBRANE FILTER,DELAY,M-ENDOMED,35C	213	0	0	213	4
31505	COLIFORM, TOT, MPN, CONFIRMED TEST,35C(TUBE 31506)	39	0	0	39	5
31506	COLIFORM, TOT, MPN, CONFIRMED TEST, TUBE CONFIG.	39	0	0	39	5
31613	FECAL COLIFORM, MEMBR, FILTER,M-FC AGAR,44.5C,24HR	789	108	530	151	17
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5C	239	45	34	160	13
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	133	0	0	133	6
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	269	0	0	269	13
		2911	263	1131	1517	83 (28)[!]

[!]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 05/09/94	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
01097	ANTIMONY, TOTAL (UG/L AS SB)	27	18	9	0	2
01268	ANTIMONY, (SB), WATER, TOTAL RECOVERABLE (UG/L)	33	18	15	0	3
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS AS	33	18	15	0	3
01000	ARSENIC, DISSOLVED (UG/L AS AS)	16	0	3	13	6
01002	ARSENIC, TOTAL (UG/L AS AS)	87	18	21	48	11
00998	BERYLLIUM, TOTAL RECOVERABLE IN WATER AS BE (UG/L)	33	18	15	0	3
01012	BERYLLIUM, TOTAL (UG/L AS BE)	54	43	11	0	4
01025	CADMIUM, DISSOLVED (UG/L AS CD)	30	26	3	1	8
01027	CADMIUM, TOTAL (UG/L AS CD)	109	81	15	13	7
01113	CADMIUM, TOTAL RECOVERABLE IN WATER AS CD (UG/L)	79	64	15	0	6
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	13	0	0	13	1
01034	CHROMIUM, TOTAL (UG/L AS CR)	70	43	14	13	5
01118	CHROMIUM, TOTAL RECOVERABLE IN WATER AS CR (UG/L)	33	18	15	0	3
01040	COPPER, DISSOLVED (UG/L AS CU)	30	26	3	1	8
01042	COPPER, TOTAL (UG/L AS CU)	161	81	21	59	12
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU (UG/L)	79	64	15	0	6
01049	LEAD, DISSOLVED (UG/L AS PB)	31	26	3	2	9
01051	LEAD, TOTAL (UG/L AS PB)	379	86	239	54	17
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB (UG/L)	79	64	15	0	6
71890	MERCURY, DISSOLVED (UG/L AS HG)	1	0	0	1	1
71900	MERCURY, TOTAL (UG/L AS HG)	233	143	31	59	19
01065	NICKEL, DISSOLVED (UG/L AS NI)	26	26	0	0	6
01067	NICKEL, TOTAL (UG/L AS NI)	94	81	13	0	8
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI (UG/L)	79	64	15	0	6
00981	SELENIUM, TOTAL RECOVERABLE IN WATER AS SE (UG/L)	33	18	15	0	3
01147	SELENIUM, TOTAL (UG/L AS SE)	30	18	12	0	3
01077	SILVER, TOTAL (UG/L AS AG)	56	43	13	0	5
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG (UG/L)	35	18	17	0	4
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS (UG/L)	30	18	12	0	3
01059	THALLIUM, TOTAL (UG/L AS TL)	27	18	9	0	2
01090	ZINC, DISSOLVED (UG/L AS ZN)	30	26	3	1	8
01092	ZINC, TOTAL (UG/L AS ZN)	115	81	19	15	8
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN (UG/L)	81	64	17	0	6
00720	CYANIDE, TOTAL (MG/L AS CN)	23	0	3	20	1
32104	BROMOFORM, WHOLE WATER, (UG/L)	124	110	14	0	10
32102	CARBON TETRACHLORIDE, WHOLE WATER, (UG/L)	123	109	14	0	10
34301	CHLOROBENZENE, TOTAL (UG/L)	123	109	14	0	10
32105	DIBROMOCHLOROMETHANE, WHOLE WATER, (UG/L)	123	109	14	0	10
34311	CHLOROETHANE, TOTAL (UG/L)	123	109	14	0	10
34576	2-CHLOROETHYL VINYL ETHER, TOTAL (UG/L)	123	109	14	0	10
32106	CHLOROFORM, WHOLE WATER (UG/L)	124	109	15	0	11
32101	BROMODICHLOROMETHANE, WHOLE WATER (UG/L)	123	109	14	0	10
34496	1,1-DICHLOROETHANE, TOTAL (UG/L)	123	109	14	0	10
34531	1,2-DICHLOROETHANE, TOTAL (UG/L)	123	109	14	0	10
34501	1,1-DICHLOROETHYLENE, TOTAL (UG/L)	123	109	14	0	10
34541	1,2-DICHLOROPROPANE, TOTAL (UG/L)	123	109	14	0	10
34413	METHYL BROMIDE, TOTAL (UG/L)	123	109	14	0	10
34418	METHYL CHLORIDE, TOTAL (UG/L)	123	109	14	0	10
34423	METHYLENE CHLORIDE, TOTAL (UG/L)	127	109	18	0	10
34506	1,1,1-TRICHLOROETHANE, TOTAL (UG/L)	123	109	14	0	10
34475	TETRACHLOROETHYLENE, TOTAL (UG/L)	123	109	14	0	10
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER (UG/L)	123	109	14	0	10
34516	1,1,2,2-TETRACHLOROETHANE, TOTAL (UG/L)	123	109	14	0	10
34511	1,1,2-TRICHLOROETHANE, TOTAL (UG/L)	123	109	14	0	10
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE (UG/L)	123	109	14	0	10

[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 05/09/94	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE (UG/L)	123	109	14	0	10
34586	2-CHLOROPHENOL, TOTAL (UG/L)	2	0	2	0	2
34601	2,4-DICHLOROPHENOL, TOTAL (UG/L)	2	0	2	0	2
34606	2,4-DIMETHYLPHENOL, TOTAL (UG/L)	2	0	2	0	2
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL), TOTAL (UG/L)	2	0	2	0	2
34616	2,4-DINITROPHENOL, TOTAL (UG/L)	2	0	2	0	2
34591	2-NITROPHENOL, TOTAL (UG/L)	2	0	2	0	2
34646	4-NITROPHENOL, TOTAL (UG/L)	2	0	2	0	2
34452	PARACHLOROMETA CRESOL, TOTAL (UG/L)	2	0	2	0	2
34459	PCP (PENTACHLOROPHENOL), DISSOLVED (UG/L)	2	0	2	0	2
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTAL (UG/L)	11	9	2	0	3
34621	2,4,6-TRICHLOROPHENOL, TOTAL (UG/L)	2	0	2	0	2
34205	ACENAPHTHENE, TOTAL (UG/L)	2	0	2	0	2
34200	ACENAPHTHYLENE, TOTAL (UG/L)	2	0	2	0	2
34220	ANTHRACENE, TOTAL (UG/L)	2	0	2	0	2
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	2	0	2	0	2
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE, TOTAL (UG/L)	2	0	2	0	2
34247	BENZO-A-PYRENE, TOTAL (UG/L)	2	0	2	0	2
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE, TOTAL (UG/L)	2	0	2	0	2
34278	BIS (2-CHLOROETHOXY) METHANE, TOTAL (UG/L)	2	0	2	0	2
34273	BIS (2-CHLOROETHYL) ETHER, TOTAL (UG/L)	2	0	2	0	2
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER (UG/L)	1	0	1	0	1
34636	4-BROMOPHENYL PHENYL ETHER, TOTAL (UG/L)	2	0	2	0	2
34292	N-BUTYL BENZYL PHTHALATE, WHOLE WATER (UG/L)	2	0	2	0	2
34581	2-CHLORONAPHTHALENE, TOTAL (UG/L)	2	0	2	0	2
34320	CHRYSENE, TOTAL (UG/L)	2	0	2	0	2
34556	1,2,5,6-DIBENZANTHRACENE, TOTAL (UG/L)	2	0	2	0	2
34536	1,2-DICHLOROBENZENE, TOTAL (UG/L)	125	109	16	0	10
34566	1,3-DICHLOROBENZENE, TOTAL (UG/L)	125	109	16	0	10
34571	1,4-DICHLOROBENZENE, TOTAL (UG/L)	125	109	16	0	10
34631	3,3'-DICHLOROBENZIDINE, TOTAL (UG/L)	2	0	2	0	2
34336	DIETHYL PHTHALATE, TOTAL (UG/L)	2	0	2	0	2
34341	DIMETHYL PHTHALATE, TOTAL (UG/L)	2	0	2	0	2
39110	DI-N-BUTYL PHTHALATE, WHOLE WATER (UG/L)	2	0	2	0	2
34611	2,4-DINITROTOLUENE, TOTAL (UG/L)	2	0	2	0	2
34626	2,6-DINITROTOLUENE, TOTAL (UG/L)	2	0	2	0	2
34596	DI-N-OCTYL PHTHALATE, TOTAL (UG/L)	2	0	2	0	2
34346	1,2-DIPHENYLHYDRAZINE, TOTAL (UG/L)	2	0	2	0	2
34376	FLUORANTHENE, TOTAL (UG/L)	2	0	2	0	2
34381	FLUORENE, TOTAL (UG/L)	2	0	2	0	2
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	2	0	2	0	2
34391	HEXACHLOROBUTADIENE, TOTAL (UG/L)	1	0	1	0	1
34392	HEXACHLOROBUTADIENE, DISSOLVED (UG/L)	1	0	1	0	1
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL (UG/L)	2	0	2	0	2
34396	HEXACHLOROETHANE, TOTAL (UG/L)	2	0	2	0	2
34403	INDENO (1,2,3-CD) PYRENE, TOTAL (UG/L)	2	0	2	0	2
34408	ISOPHORONE, TOTAL (UG/L)	2	0	2	0	2
34696	NAPHTHALENE, TOTAL (UG/L)	2	0	2	0	2
34447	NITROBENZENE, TOTAL (UG/L)	2	0	2	0	2
34428	N-NITROSODI-N-PROPYLAMINE, TOTAL (UG/L)	2	0	2	0	2
34433	N-NITROSODIPHENYLAMINE, TOTAL (UG/L)	2	0	2	0	2
34461	PHENANTHRENE, TOTAL (UG/L)	2	0	2	0	2
34469	PYRENE, TOTAL (UG/L)	2	0	2	0	2
34551	1,2,4-TRICHLOROBENZENE, TOTAL (UG/L)	2	0	2	0	2
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	245	0	245	0	5

[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 05/09/94	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
39331	ALDRIN IN FILT. FRAC. OF WAT. SAMP. (UG/L)	6	0	6	0	2
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER (UG/L)	2	0	2	0	2
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER (UG/L)	2	0	2	0	2
39340	GAMMA-BHC(LINDANE), WHOLE WATER (UG/L)	200	0	200	0	4
39341	GAMMA-BHC(LINDANE), DISSOLVED (UG/L)	1	0	1	0	1
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	1	0	1	0	1
34259	DELTA BENZENE HEXACHLORIDE, TOTAL (UG/L)	2	0	2	0	2
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATER (UG/L)	199	0	199	0	3
39352	CHLORDANE(TECH MIX & METABS), DISSOLVED (UG/L)	1	0	1	0	1
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	3	0	3	0	3
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	199	0	199	0	3
39371	DDT IN FILT. FRAC. OF WATER SAMPLE (UG/L)	1	0	1	0	1
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	2	0	2	0	2
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	199	0	199	0	3
39366	DDE IN FILT. FRAC. OF WATER SAMPLE (UG/L)	1	0	1	0	1
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	2	0	2	0	2
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	199	0	199	0	3
39361	DDD IN FILT. FRAC. OF WATER SMAPLE (UG/L)	1	0	1	0	1
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	201	0	201	0	5
39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	1	0	1	0	1
34361	ENDOSULFAN, ALPHA, TOTAL (UG/L)	2	0	2	0	2
34356	ENDOSULFAN, BETA, TOTAL (UG/L)	2	0	2	0	2
34351	ENDOSULFAN SULFATE, TOTAL (UG/L)	2	0	2	0	2
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	201	0	201	0	5
39391	ENDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	1	0	1	0	1
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	201	0	201	0	5
39411	HEPTACHLOR IN FILT. FRAC. OF WATER SAMPLE (UG/L)	1	0	1	0	1
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	201	0	201	0	5
39421	HEPTACHLOR EPOXIDE IN FILT. FRAC. WAT. SAM. (UG/L)	1	0	1	0	1
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE (UG/L)	479	479	0	0	4
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE (UG/L)	480	464	16	0	6
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE (UG/L)	486	474	12	0	6
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE (UG/L)	474	474	0	0	4
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE (UG/L)	475	475	0	0	4
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE (UG/L)	474	474	0	0	4
34671	PCB - 1016, TOTAL (UG/L)	482	474	8	0	5
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	199	0	199	0	3
39401	TOXAPHENE IN FILT. FRAC. OF WATER SAMPLE (UG/L)	1	0	1	0	1
		11092	7379	3400	313	661 (32)[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	1564	32	2.0	23	37.7	68.0	10/06/66-12/19/85	81.4
pH	2059	518	25.2	44	72.1	46.8	04/23/64-08/26/93	70.2
Conductivity	2578	837	32.5	42	68.9	61.4	03/29/65-08/26/93	90.7
Dissolved Oxygen	1610	364	22.6	37	60.7	43.5	04/23/64-08/26/93	54.9
Water Temperature	1774	535	30.2	41	67.2	43.3	04/23/64-08/26/93	60.5
Flow	1635	512	31.3	20	32.8	81.8	04/23/64-09/25/92	57.5
Clarity/Turbidity	3223	253	7.8	29	47.5	111.1	04/23/64-11/07/88	131.3
Nitrate/Nitrogen	5695	403	7.1	33	54.1	172.6	03/29/65-11/07/88	241.2
Phosphate/Phosphorus	2561	301	11.8	31	50.8	82.6	03/29/65-11/07/88	108.5
Chlorophyll	0	0	0.0	0	0.0	0.0	No Data For Group	0.0
Sulfates/Total Dissolved Solids/Hardness	1952	201	10.3	29	47.5	67.3	03/29/65-11/07/88	82.7
Bacteria	2911	263	9.0	28	45.9	104.0	04/23/64-11/02/88	118.7
Toxic Elements	11092	7379	66.5	32	52.5	346.6	10/22/70-05/06/94	471.2

Water Quality Observations
Outside STORET Edit Criteria for SARA

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
SARA0009	01055	MANGANESE, TOTAL (UG/L AS MN)	780705	1415	10000.0000000	112WRD	01329650	
SARA0031	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	900831	1110	0.0000000	112WRD	01327755	X
SARA0031	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	831215	1200	77.0000000	112WRD	01327755	
SARA0037	71900	MERCURY, TOTAL (UG/L AS HG)	730530	1040	34.0000000	112WRD	01327750	
SARA0046	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	880613	1115	0.0000000	112WRD	01330907	X
SARA0067	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	880318	1330	99.0000000	112WRD	01331095	X

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) SARATABS.ZIP

This compressed file contains all the tables presented in the report. The files compressed into this file include:

(a) SARASITE.DOC - Descriptive listing of select fields from the industrial facilities discharges, drinking water intakes, and EPA-USGS stream gages databases.

(b) SARAAGNC.DOC - Contacts for agencies whose data were retrieved within the study area.

(c) SARAAGNQ.DOC - Number of stations, observations, and parameters retrieved by agency code within the study area and park.

(d) SARAOV0.DOC - Overview of park and retrieved data.

(e) SARAOV1.DOC - Station period of record table.

(f) SARAOV2.DOC - Parameter period of record table.

(g) SARAOV3.DOC - Station/parameter period of record table.

(h) SARAINV.DOC - Station by station descriptive statistics over the entire period of record and comparison against EPA Water Quality Criteria for each station.

(i) SARASEAN.DOC - Seasonal and annual water quality descriptive statistics at stations with water quality data meeting the default seasonal and annual criteria.

(j) SARAEPAS.DOC - EPA Water Quality Criteria comparison for data at all stations combined within the study area.

(k) SARAIDEA.DOC - Comparison of downloaded STORET data with NPS Servicewide Inventory and Monitoring Program "Level I" water quality parameters.

(l) SARABAD.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 SARAOV1.DOC is in the subdirectory C:\WATER, you could type: PRINT C:\WATER\SARAOV1.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) SARAFIGS.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 SARA0001. 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 SARA0001) 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) SARAPARM.ZIP

This file compresses SARAPARM.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) SARASITE.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) SARAWQ.DBF - All water quality monitoring station locations within the project's study area downloaded from STORET.

(b) SARAIFD.DBF - All municipal and industrial facility discharges within the project's study area downloaded from the IFD database.

(c) SARADRIN.DBF - All drinking water intakes within the project's study area downloaded from the DRINKS database.

(d) SARAGAGE.DBF - All water gages within the project's study area downloaded from the GAGES database.

(e) SARADAMS.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) SARAMISC.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) SARAEXEC.DOC - WordPerfect Ver. 5.1 copy of the Executive Summary in the report.

(b) SARATOC.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) SARAREGI - PCL and CLP (Windows Clipboard) copies of map displaying the regional location of the park and study area.

(f) SARAWQ - 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 (SARAWQA, SARAWQB, SARAWQC, etc.) and the index map name will end with an ampersand (&).

(g) SARAIDG - 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 (SARAIDGA, SARAIDGB, SARAIDGC, 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) SARASEHY - 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 SARAFIGS.ZIP and SARATABS.ZIP, you can use the PRINTZIP program to print any of the PCL files in SARAMISC.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) SARARF3.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) SARAWQMW.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: SARAPARM.DBF in SARAPARM.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: SARAPARM.DBF in SARAPARM.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: SARAPARM.DBF in SARAPARM.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: SARAWQ.DBF in SARASITE.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: SARAWQ.DBF in SARASITE.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: SARAIFD.DBF in SARASITE.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: SARAIFD.DBF in SARASITE.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: SARAIFD.DBF in SARASITE.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: SARADRIN.DBF in SARASITE.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: SARADRIN.DBF in SARASITE.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: SARADRIN.DBF in SARASITE.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: SARAGAGE.DBF in SARASITE.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: SARAGAGE.DBF in SARASITE.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: SARADAMS.DBF in SARASITE.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: SARADAMS.DBF in SARASITE.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: SARADAMS.DBF in SARASITE.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: SARADAMS.DBF in SARASITE.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 SARARF3.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 SARARF3.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 SARARF3.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 SARARF3.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 SARARF3.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 SARARF3.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		20[c]			URANIUM, NATURAL DISSOLVED	UG/L	Metal
7440611	22705		20[c]			URANIUM, NATURAL SUSPENDED	UG/L	Metal
7440611	22706		20[c]			URANIUM, TOTAL AS U308	UG/L	Metal
7440611	22708		0.020[c]			URANIUM, NATURAL, TOTAL	MG/L	Radiological
7440611	28011		20[c]			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		1.0[n]		1000[b]	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	CFU/100ML	Bacteriological
	31503		1.0[n]		1000[b]	COLIFORM, TOTAL, MEMBRANE FILTER, DELAY. M-ENDO	CFU/100ML	Bacteriological
	31504		1.0[n]		1000[b]	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED. LES-ENDO	CFU/100ML	Bacteriological
	31505		1.0[n]		1000[b]	COLIFORM, TOTAL, MPN, CONF. TEST 35C (TUBE 31506)	MPN/100ML	Bacteriological
	31506		1.0[n]		1000[b]	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE CONFIG	MPN/100ML	Bacteriological
	31507		1.0[n]		1000[b]	COLIFORM, TOTAL, MPN, COMP. TEST 35C (TUBE 31508)	MPN/100ML	Bacteriological
	31508		1.0[n]		1000[b]	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		250[s]			SULFATE, WATER, DISSOLVED AS S	MG/L	Metal
85007	78885		20			DIQUAT DIBROMIDE (REGLONE) WHOLE WATER SAMPLE	UG/L	Pesticide
7440611	80020		20[c]			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+	1300[a]	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[t]	TURBIDITY, FIELD	NTU	Physical
	82079				50[t]	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

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
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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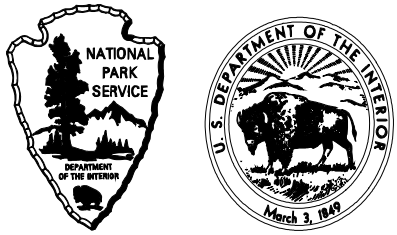
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As the nation's principal conservation agency, the Department of the Interior has the responsibility for most of our nationally owned public lands and natural and cultural resources. This includes fostering wise use of our land and water resources, protecting our fish and wildlife, preserving the environmental and cultural values of our national parks and historical places, and providing for enjoyment of life through outdoor recreation. The Department assesses our energy and mineral resources and works to ensure that their development is in the best interests of all our people. The Department also promotes the goals of the Take Pride in America campaign by encouraging stewardship and citizen responsibility for the public lands and promoting citizen participation in their care. The Department also has a major responsibility for American Indian reservation communities and for people who live in island territories under U.S. administration.